DESIGNATED AIRSPACE HANDBOOK

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IMPORTANT NOTICE

The information in this publication may be superseded by NOTAM.
Consult NOTAM for latest information.

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WGS84

The Horizontal Datum used in this document is the World Geodetic Datum 1984 (WGS84). The Vertical Datum is the Australian Height Datum (AHD).

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INTRODUCTION ..... INTRO - 1
SPECIAL NOTICES ..... INTRO - 2
SECTION 1 – FLIGHT INFORMATION REGIONS ..... FIR - 1
SECTION 2 – CONTROL ZONES C ..... CTR C - 1
SECTION 3 – CONTROL ZONES D ..... CTR D - 1
SECTION 4 – CONTROLLED AIRSPACE A ..... CTA A - 1
SECTION 5 – CONTROLLED AIRSPACE C ..... CTA C - 1
SECTION 6 – CONTROLLED AIRSPACE D ..... CTA D - 1
SECTION 7 – CONTROLLED AIRSPACE E ..... CTA E - 1
SECTION 8 – OCEANIC CONTROL AREAS ..... OCEANIC CTA - 1
SECTION 9 – ATC SECTORS LOW ..... ATC LOW - 1
SECTION 10 – ATC SECTORS HIGH/LOW ..... ATC HIGH/LOW - 1
SECTION 11 – E AIRSPACE FREQUENCY BOUNDARIES ..... EFREQ - 1
SECTION 12 – FLIGHT INFORMATION AREAS ..... FIA - 1
SECTION 13 – SPECIAL USE AIRSPACE ..... SUA - 1
RESTRICTED AREAS ..... SUA - 2
DANGER AREAS ..... SUA - 31
MILITARY OPERATING AREAS ..... SUA - 49
SECTION 14 – BROADCAST AREAS ..... CTAF - 1
SECTION 15 – HF AREA BOUNDARIES ..... HF - 1
SECTION 16 − BRIEFING AND METEOROLOGICAL AREA BOUNDARIES ..... MET - 1
PART 1: BRIEFING AND QNH AREA ZONE BOUNDARIES ..... MET - 1
PART 2: GRAPHICAL AREA FORECAST BOUNDARIES ..... MET - 4
PART 3: LOW LEVEL GRID POINT WIND AND TEMPERATURE FORECAST BOUNDARIES ..... MET - 6
SECTION 17 – CERTIFIED AERODROMES ..... CERT AD - 1
SECTION 18 – CERTIFIED AERODROMES THRESHOLD DATA ..... RWY THR - 1
SECTION 19 – CONTROLLED AERODROMES ..... CTRL AD - 1
SECTION 20 – UNCERTIFIED AERODROMES LISTED IN ERSA ..... UNCR AD - 1
AIRCRAFT LANDING AREAS LISTED IN ERSA FAC ..... UNCR AD - 1
HELICOPTER LANDING SITES LISTED IN ERSA FAC ..... UNCR AD - 4
AIRCRAFT LANDING AREAS WITHOUT ERSA FAC - VERIFIED ..... UNCR AD - 4
HELICOPTER LANDING SITES WITHOUT ERSA FAC - VERIFIED ..... UNCR AD - 10
SECTION 21 – NAVIGATION AIDS ..... NAV - 1
SECTION 22 – IFR WAYPOINTS ..... IFR WPT - 1
SECTION 23 – AIR ROUTES ..... AIR ROUTES - 1

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INTRODUCTION

1. **PURPOSE**

Designated Airspace Handbook is a publication issued on an alternating approximate 24/28 week cycle. The DAH lists, in tabular form, the lateral and vertical limits and other pertinent details of the airspace types listed in the table of contents.

Further information is contained in *AIP* and *MATS Chapter 2-4*. The boundaries of Search and Rescue Areas can be found in *AIP GEN 3.6*.For ATC management purposes further information is contained in MATS Supplementary Procedures or Local Orders/Instructions.

2. **CONDITION FOR RESTRICTED AREAS**

An aircraft may only be flown in the airspace of a restricted area if the pilot in command has approval for the flight from the Controlling Authority mentioned for the restricted area.

3. **NOTAM**

NOTAM are used to disseminate urgent changes to information contained in the DAH. Consult current NOTAM for latest information.

4. **VERTICAL LIMITS / HOURS OF OPERATION**

Except when stated as AGL (above ground level), Lower and Upper vertical limits are promulgated as Above Mean Sea Level when at or below the Transition Altitude or as a flight level when above the Transition Altitude.

SFC means the surface of the ground or water.

NOTAM indicates that the vertical limits will be notified by NOTAM.

The following codes apply for Hours of Operation:

DLY	Daily
EXC PH	Except Public Holidays
FRI	Friday
H24	Continuous day and night service
HDS	Hours of Daylight Saving
HJ	Sunrise to Sunset
HN	Sunset to Sunrise
HO	Service Available to meet Operational Requirements
JF	SAT, SUN and Public Holidays
JO	Monday to Friday (EXC PH)
MON	Monday
OT	Other Times
PH	Public Holidays
SAT	Saturday
SUN	Sunday
THU	Thursday
TUE	Tuesday
WED	Wednesday
Z	Universal Coordinated Time

Hours of operation referring to public holidays refers only to National holidays as listed at *AIP GEN 2.1 para 4.1*. Any other holidays affecting activation will be specified by NOTAM.

5. Airspace descriptions will be preceded by a FIR identifier. These identifiers are as follows:
Brisbane YBBB
Melbourne YMMM

6. To reduce clutter, the following areas are not shown on Airservices charts because of:
a) infrequent activation, or low level Oceanic area.
b) the areas are wholly contained within Controlled Airspace.

7. Under each FIR a restricted area number has been reserved for Air Defence Identification Zones (ADIZ) purposes. Procedures relating to the introduction of these Zones are contained in Flight Information Handbook Australia (FIHA).

8. Control areas are normally active continuously, but areas depicted may cease to be operative in certain circumstances. Areas identified by the word NOTAM may be activated or additional areas may be established to meet temporary requirements. These changes will be advised by NOTAM or specified on radio navigation charts, but pilots should plan their action on the basis that the depicted control areas are operative unless advised to the contrary.

9. In accordance with the provisions of civil aviation legislation, aircraft operating in military CTR, whether active or deactivated, are not to use the surface of any military airfield unless specifically approved by the relevant military authority.

10. All CTR are active only during the hours of operation of the control tower.

11. Due to the possible variation of the hours of operation of civil and military towers, pilots should plan their operations on the basis that control zones are active unless advised to the contrary.

12. **ADVICE OF ERRORS AND SUGGESTIONS**

Correction and error advice is requested by the following methods (in order of preference):

a) Email at docs.amend@airservicesaustralia.com

b) Mail:
Business Reply Post
Permit No 1986 – CIVIC SQUARE
Airservices Australia
Attn: Aeronautical Information Service
GPO Box 367
CANBERRA ACT 2601

SPECIAL NOTICES

The geographical coordinates published in the Designated Airspace Handbook (DAH) conform to formatting requirements of ICAO Annex 15 and Doc 8126:

- Latitude is given first, presented as DDMM[SS.s]H where DD denotes degrees; MM denotes minutes; SS denotes seconds; s denotes tenths or hundredths of seconds; and H denotes hemisphere, N for North or S for South. Two digits are used in expressing values of less than 10 degrees of latitude;
- Longitude is presented as DDDMM[SS.s]H where DDD denotes degrees; MM denotes minutes; SS denotes seconds; s denotes tenths or hundredths of seconds; and H denotes hemisphere, W for West or E for East. Three digits are used in expressing values of less than 100 degrees of longitude;
- Symbols for degrees, minutes or seconds are omitted;
- The resolution used for geographical coordinates conforms with the aeronautical data quality requirements listed in ICAO Annex 15 Appendix 7;
- Where a degree of accuracy of decimals of seconds is required, the number of decimal places is always consistent within the set;
- The points defining lateral limits of an irregular shape are listed in clockwise order separated by a hyphen “–”. The last point on the list is the same as the first point.
- A circular shape area is defined by the word “radius” followed by the value of the radius in nautical miles (NM), followed by the words “centre”, followed by coordinates of the centre of the circle.

Examples

Hundredths of a Second

The most stringent ICAO accuracy requires some geographical coordinates to be given in hundredths of a second. Thus, the delineation of five degrees, seven minutes and twenty-one point two-zero seconds South, sixty-five degrees, twenty-five minutes and twenty-two point six-two seconds East will be presented as: 050721.20S 0652522.62E.

Tenth of a Second

Should the above example be required to an accuracy of one tenth of a second, it will be presented as: 050721.2S 0652522.6E.

Seconds

Should the above example be required to an accuracy of one second, it will be presented as: 050721S 0652523E.

Minutes

Should the above example be required to an accuracy of one minute (i.e. 1NM) it will be presented as: 0507S 06525E.

SECTION 1 – FLIGHT INFORMATION REGIONS

YBBB-YMMM/BRISBANE FIR

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 092000S 1265000E
070000S 1350000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
331103S 1495213E - 324914S 1492824E
324303S 1492142E - 320540S 1484951E
290000S 1463200E - 290000S 1433000E
261331S 1382324E - 221751S 1363807E
215132S 1362225E - 212959S 1361944E
211209S 1315024E - 231313S 1282749E
232349S 1260332E - 213119S 1243304E
200318S 1214022E - 190000S 1201500E
140813S 1150832E

VERTICAL LIMITS: SFC - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

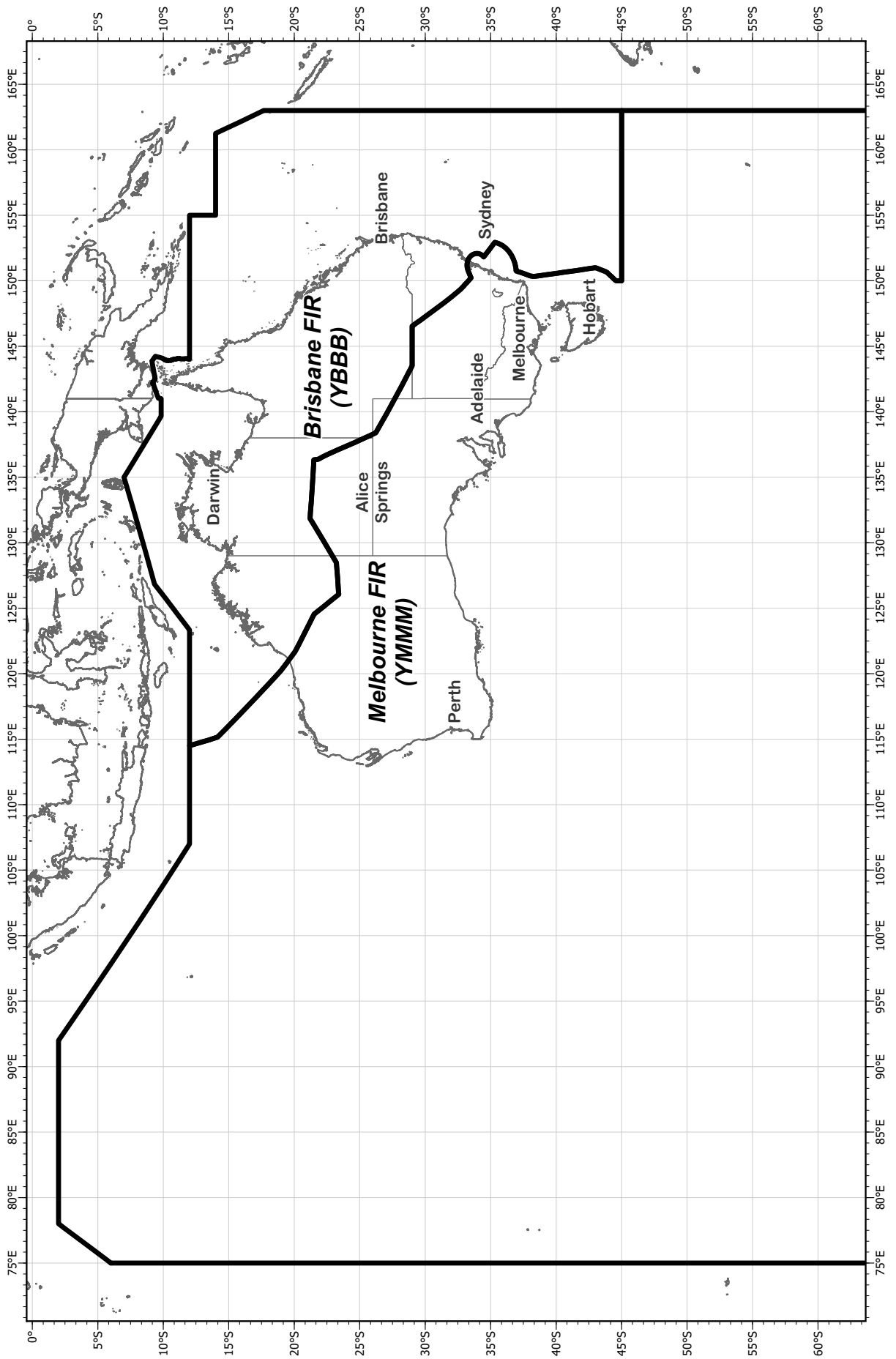
YBBB-YMMM/MELBOURNE FIR

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 140813S 1150832E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
320540S 1484951E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 333003S 1501311E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E

VERTICAL LIMITS: SFC - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia



FLIGHT INFORMATION REGIONS

SECTION 2 – CONTROL ZONES C

YMMM/ADELAIDE CONTROL ZONE (C)

LATERAL LIMITS: 344727S 1382426E - 344838S 1383218E
345057S 1383555E - 345054S 1383657E
344847S 1384038E
then along the clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 344727S 1382426E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/AMBERLEY CONTROL ZONE (C)

LATERAL LIMITS: 272924S 1524734E - 274234S 1525259E
274413S 1525155E
then along the clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 272924S 1524734E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/BRISBANE CONTROL ZONE A (C)

LATERAL LIMITS: 272058S 1530006E - 271917S 1530104E
then along the clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 272540S 1531504E
272721S 1531406E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272948S 1530224E
272636S 1530204E - 272517S 1525920E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
VERTICAL LIMITS: SFC - 700
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CONTROL ZONE B (C)

LATERAL LIMITS: 272058S 1530006E - 271917S 1530104E
then along the clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 272540S 1531504E
272721S 1531406E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
VERTICAL LIMITS: 700 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CONTROL ZONE (C)

LATERAL LIMITS: 165320S 1453930E - 164841S 1453809E
then along the clockwise arc of a circle radius 7.00NM centre
165157S 1454437E - 164909S 1455118E
165044S 1455201E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CONTROL ZONE (C)

LATERAL LIMITS: 352420S 1490507E - 351055S 1490536E
then along the clockwise arc of a circle radius 9.00NM centre
351825S 1491142E - 351058S 1491754E
352429S 1491805E
then along the clockwise arc of a circle radius 8.00NM centre
351825S 1491142E - 352420S 1490507E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CONTROL ZONE (C)

LATERAL LIMITS: 123148S 1305121E - 123113S 1304936E
then along the clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 121755S 1305414E
121830S 1305559E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 121936S 1305803E
122458S 1305805E - 123130S 1305645E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 123148S 1305121E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YMMM/EDINBURGH CONTROL ZONE (C)

LATERAL LIMITS: 344337S 1383127E - 343222S 1382708E
343209S 1382839E - 342842S 1383335E
342821S 1384052E
then along THE ROSEWORTHY/WASLEY RAILWAY - 343140S 1384441E
343358S 1384241E - 343643S 1384104E
then along the counter clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343753S 1384341E
then along MAIN NORTH RD - 344344S 1384023E
344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/GOLD COAST CONTROL ZONE (C)

LATERAL LIMITS: 281651S 1532755E - 280709S 1532304E
then along the clockwise arc of a circle radius 7.00NM centre
281008S 1533014E (CG/DME) - 281651S 1532755E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEARMONTH CONTROL ZONE (C)

LATERAL LIMITS: 220843S 1135945E - 220757S 1140022E
215952S 1140022E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 215953S 1141100E
222818S 1141100E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 222839S 1140132E
221409S 1135801E
then along THE ROAD 4 - 220843S 1135945E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/MELBOURNE CONTROL ZONE (C)

LATERAL LIMITS: 373225S 1444943E - 373300S 1445612E
374130S 1450442E - 374400S 1450442E
374924S 1445918E - 374906S 1445812E
374822S 1444931E
then along the clockwise arc of a circle radius 8.00NM centre
374024S 1445036E - 373225S 1444943E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/OAKEY CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 5.00NM centre
272359S 1514417E (OK/DME)
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YMMM/PERTH CONTROL ZONE (C)

LATERAL LIMITS: 320302S 1155136E - 320041S 1154721E
315820S 1154737E - 315458S 1154855E
315119S 1154923E - 315055S 1154923E
315006S 1154911E - 314926S 1154910E
314909S 1154910E - 314829S 1154909E
314823S 1154906E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320456S 1160005E - 320442S 1155608E
then along the counter clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320302S 1155136E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SCHERGER CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 15.00NM centre
123726S 1420514E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/SYDNEY CONTROL ZONE (C)

LATERAL LIMITS: 335621S 1510128E - 335417S 1510237E
335310S 1510315E - 335125S 1510414E
then along the counter clockwise arc of a circle radius 0.40NM centre
335103S 1510425E - 335104S 1510454E
335037S 1510654E - 335030S 1510714E
335037S 1510748E
then along SY HarbourC - 335115S 1511137E
then along SY Darling Harbour - 335120S 1511201E
then along SY HarbourD - 335120S 1511228E
then along SY HarbourB - 335224S 1511446E
335222S 1511704E
then along SY COAST 4 - 335334S 1511706E
335807S 1511557E - 335935S 1511508E
335936S 1511457E - 335940S 1511456E
335945S 1511456E - 335949S 1511501E
340006S 1511500E - 340108S 1511348E
then along SY COAST 5 - 340204S 1511331E
340206S 1511320E - 340207S 1511319E
340214S 1511321E
then along SY COAST 6 - 340220S 1511011E
340221S 1510948E - 340223S 1510946E
340234S 1510946E
then along SY COAST 7 - 340417S 1510922E
340434S 1511004E
then along SY COAST 8 - 340505S 1511015E
340451S 1510817E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 340233S 1510337E
335705S 1510125E - 335621S 1510128E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TINDAL CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 10.00NM centre
143116S 1322240E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CONTROL ZONE (C)

LATERAL LIMITS: 191125S 1463942E
then along the clockwise arc of a circle radius 7.00NM centre
191418S 1464627E - 191710S 1465312E
191822S 1465238E
then along the clockwise arc of a circle radius 7.00NM centre
191530S 1464553E - 191237S 1463908E
191125S 1463942E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YMMM/WESTERN SYDNEY CONTROL ZONE (C)

LATERAL LIMITS: 335939S 1503615E - 335623S 1503358E
335358S 1503428E - 335241S 1503618E
334721S 1504715E - 334735S 1504945E
334944S 1505116E - 335218S 1505032E
335519S 1504425E - 335634S 1504238E
335939S 1503615E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WILLIAMTOWN CONTROL ZONE A (C)

LATERAL LIMITS: 324722S 1513730E - 324708S 1513658E
then along the clockwise arc of a circle radius 11.00NM centre
324750S 1514959E (WLM/TAC) - 325824S 1514619E
325524S 1514723E
then along SOUTHBANK/ARM HUNTER RVR 1 - 324914S 1514052E
then along NEW ENGLAND HWY 2 - 324722S 1513730E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CONTROL ZONE B (C)

LATERAL LIMITS: 324036S 1514008E - 322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 331151S 1514133E
325824S 1514619E
then along the counter clockwise arc of a circle radius 11.00NM centre
324750S 1514959E (WLM/TAC) - 324036S 1514008E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

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SECTION 3 – CONTROL ZONES D

YMMM/ALBURY CONTROL ZONE (D)

LATERAL LIMITS: 355653S 1470152E - 360124S 1464930E
then along the counter clockwise arc of a circle radius 7.00NM centre
360404S 1465729E - 361038S 1465428E
360602S 1470703E
then along the counter clockwise arc of a circle radius 8.00NM centre
360404S 1465729E - 355653S 1470152E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CONTROL ZONE (D)

LATERAL LIMITS: 233849S 1335110E - 234603S 1340438E
then along the clockwise arc of a circle radius 10.00NM centre
234830S 1335403E - 235810S 1335655E
235057S 1334329E
then along the clockwise arc of a circle radius 10.00NM centre
234830S 1335403E - 233849S 1335110E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARCHERFIELD CONTROL ZONE (D)

LATERAL LIMITS: 273248S 1525731E - 273011S 1525909E
273343S 1530446E - 273548S 1530322E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CONTROL ZONE (D)

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CONTROL ZONE (D)

LATERAL LIMITS: 284454S 1533911E - 284820S 1532601E
then along the counter clockwise arc of a circle radius 7.00NM centre
285002S 1533345E - 285505S 1532813E
285136S 1534131E
then along the counter clockwise arc of a circle radius 7.00NM centre
285002S 1533345E - 284454S 1533911E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BANKSTOWN CONTROL ZONE (D)

LATERAL LIMITS: 335323S 1505403E - 335156S 1505513E
335135S 1505752E - 335131S 1505831E
then along the clockwise arc of a circle radius 4.00NM centre
335528S 1505918E - 335310S 1510315E
335417S 1510237E - 335621S 1510128E
335705S 1510125E - 335753S 1505719E
335800S 1505443E - 335323S 1505403E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 9.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: SFC - 2600
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CAMDEN CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 2.00NM centre
340225S 1504112E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CONTROL ZONE (D)

LATERAL LIMITS: 302020S 1525859E
then along the counter clockwise arc of a circle radius 7.00NM centre
301914S 1530659E - 301305S 1530306E
302020S 1525859E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CONTROL ZONE (D)

LATERAL LIMITS: 201934S 1485110E - 201917S 1485009E
then along the clockwise arc of a circle radius 7.00NM centre
202104S 1485721E (OVRON/WPT) - 201403S 1485725E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202537S 1490538E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 203004S 1485625E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CONTROL ZONE (D)

LATERAL LIMITS: 425158S 1472133E - 424949S 1471945E
then along the clockwise arc of a circle radius 8.00NM centre
425010S 1473037E - 424223S 1473306E
424851S 1474243E
then along the clockwise arc of a circle radius 9.00NM centre
425010S 1473037E - 425851S 1473352E
425718S 1473140E - 425158S 1472133E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JANDAKOT CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 3.00NM centre
320551S 1155252E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CONTROL ZONE (D)

LATERAL LIMITS: 203543S 1163111E - 203758S 1163556E
then along the clockwise arc of a circle radius 11.00NM centre
204254S 1164626E (KA/DME) - 203330S 1165234E
202913S 1165521E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 204800S 1170238E
204625S 1165734E
then along the clockwise arc of a circle radius 11.00NM centre
204254S 1164626E (KA/DME) - 205022S 1163746E
205345S 1163350E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 203543S 1163111E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 8.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 6.00NM centre
211023S 1491115E (MK/DME)
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MOORABBIN CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 3.00NM centre
375833S 1450608E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PARAFIELD CONTROL ZONE (D)

LATERAL LIMITS: 344838S 1383218E - 344629S 1383413E
344620S 1383536E
then along LITTLE PARA RVR - 344548S 1383707E
344451S 1383837E
then along the clockwise arc of a circle radius 3.00NM centre
344747S 1383752E (PF/NDB) - 344819S 1384127E
345054S 1383657E - 345057S 1383555E
344838S 1383218E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CONTROL ZONE (D)

LATERAL LIMITS: 232449S 1502112E
then along the clockwise arc of a circle radius 7.00NM centre
232209S 1502814E - 231929S 1503516E
232046S 1503551E
then along the clockwise arc of a circle radius 7.00NM centre
232326S 1502848E - 232607S 1502146E
232449S 1502112E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CONTROL ZONE (D)

LATERAL LIMITS: 263113S 1525754E
then along the clockwise arc of a circle radius 7.00NM centre
263500S 1530428E - 262802S 1530532E
263652S 1531308E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CONTROL ZONE (D)

LATERAL LIMITS: 311252S 1504800E - 311451S 1504736E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 310553S 1510225E
305459S 1504906E
then along the counter clockwise arc of a circle radius 9.00NM centre
310358S 1504948E (TW/DME) - 311252S 1504800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

SECTION 4 – CONTROLLED AIRSPACE A

YMMM/ADELAIDE CTA A

LATERAL LIMITS: 353001S 1364920E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE FIR CTA A1

LATERAL LIMITS: 224731S 1473214E - 204343S 1470135E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
304020S 1533146E - 325239S 1522643E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
344527S 1521138E - 343513S 1515820E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
331103S 1495213E - 324914S 1492824E
324303S 1492142E - 323339S 1493537E
320400S 1504526E - 313933S 1504242E
311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 291933S 1512853E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE FIR CTA A2

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 092000S 1265000E
070000S 1350000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
345904S 1522928E - 344527S 1521138E
343513S 1515820E - 342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
331103S 1495213E - 324914S 1492824E
324303S 1492142E - 320540S 1484951E
311506S 1481114E - 290000S 1463200E
290000S 1433000E - 261331S 1382324E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 200318S 1214022E
190000S 1201500E - 140813S 1150832E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA A1

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE FIR CTA A1

LATERAL LIMITS: 332222S 1482227E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 333003S 1501311E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
353327S 1492531E - 354041S 1491140E
354549S 1490148E - 361452S 1475610E
370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
411433S 1483807E - 420626S 1480244E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480131E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
405950S 1453416E - 394736S 1450730E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
332222S 1482227E

VERTICAL LIMITS: FL180 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE FIR CTA A2

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 140813S 1150832E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
311506S 1481114E - 320540S 1484951E
324303S 1492142E - 324914S 1492824E
331103S 1495213E - 331836S 1500031E
333003S 1501311E - 331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
343513S 1515820E - 344527S 1521138E
345904S 1522928E - 351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
800000S 1630000E - 800000S 0750000E
060000S 0750000E

VERTICAL LIMITS: FL245 - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA A

LATERAL LIMITS: 330337S 1144613E - 324514S 1150624E
323411S 1151826E - 322351S 1152938E
321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E - 323216S 1163906E
324042S 1165407E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E

VERTICAL LIMITS: FL180 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

SECTION 5 – CONTROLLED AIRSPACE C

YMMM/ADELAIDE CTA C1

LATERAL LIMITS: 344727S 1382426E - 344430S 1383150E
then along the counter clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344629S 1383413E
344620S 1383536E
then along LITTLE PARA RVR - 344548S 1383707E
344451S 1383837E
then along the clockwise arc of a circle radius 3.00NM centre
344747S 1383752E (PF/NDB) - 344819S 1384127E
344847S 1384038E
then along the clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 344727S 1382426E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C2

LATERAL LIMITS: A circle radius 20.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C3

LATERAL LIMITS: A circle radius 36.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C4

LATERAL LIMITS: A circle radius 50.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C5

LATERAL LIMITS: 352056S 1371751E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
360011S 1381315E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 352056S 1371751E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C1

LATERAL LIMITS: 354811S 1470028E - 353447S 1470606E
then along the clockwise arc of a circle radius 30.00NM centre
360405S 1465758E (AY/DME) - 355546S 1473330E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 362006S 1465850E
362903S 1465531E
then along the clockwise arc of a circle radius 25.00NM centre
360405S 1465758E (AY/DME) - 361520S 1463024E
360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 354811S 1470028E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C2

LATERAL LIMITS: 361827S 1462525E - 361520S 1463024E
then along the counter clockwise arc of a circle radius 25.00NM centre
360405S 1465758E (AY/DME) - 362903S 1465531E
363356S 1465342E
then along the clockwise arc of a circle radius 30.00NM centre
360405S 1465758E (AY/DME) - 361827S 1462525E
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C3

LATERAL LIMITS: 354811S 1470028E - 352030S 1471204E
then along the clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 355027S 1475048E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 362006S 1465850E
364828S 1464817E
then along the clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 362740S 1461033E
360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 354811S 1470028E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C1

LATERAL LIMITS: A circle radius 22.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C2

LATERAL LIMITS: 242551S 1340129E - 242254S 1340048E
then along the clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 235121S 1343144E
235139S 1343500E
then along the clockwise arc of a circle radius 39.00NM centre
234734S 1335241E (AS/DME) - 242551S 1340129E
VERTICAL LIMITS: 6500 - FL115
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C3

LATERAL LIMITS: 243639S 1340359E - 243144S 1340250E
then along the clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 235216S 1344130E
235246S 1344656E
then along the clockwise arc of a circle radius 50.00NM centre
234734S 1335241E (AS/DME) - 243639S 1340359E
VERTICAL LIMITS: FL115 - FL145
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C4

LATERAL LIMITS: A circle radius 60.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: FL145 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C5

LATERAL LIMITS: A circle radius 80.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CTA C1

LATERAL LIMITS: 283756S 1531714E - 283929S 1531644E
284232S 1531039E - 285221S 1530415E
then along the counter clockwise arc of a circle radius 26.00NM centre
285002S 1533345E - 291026S 1531518E
290030S 1535329E - 285710S 1535411E
284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283756S 1531714E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CTA C2

LATERAL LIMITS: 282827S 1530316E - 285102S 1525725E
285431S 1525630E - 291811S 1525355E
then along the counter clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292335S 1534831E
291243S 1535052E - 290030S 1535329E
285710S 1535411E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C01

LATERAL LIMITS: 271328S 1530739E - 271102S 1530748E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 273257S 1531444E
273343S 1530446E - 273011S 1525909E
272833S 1530057E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
271358S 1530406E - 271328S 1530739E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C02

LATERAL LIMITS: 272345S 1525551E - 271659S 1525525E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 273256S 1531450E
273343S 1530446E - 273548S 1530322E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
273011S 1525909E
then along the clockwise arc of a circle radius 10.00NM centre
272303S 1530703E - 272345S 1525551E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C03

LATERAL LIMITS: 272345S 1525551E - 271659S 1525525E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271102S 1530748E
270802S 1530759E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273709S 1530113E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
273011S 1525909E
then along the clockwise arc of a circle radius 10.00NM centre
272303S 1530703E - 272345S 1525551E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C04

LATERAL LIMITS: 273007S 1525210E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270826S 1530303E
270658S 1530406E - 270206S 1530840E
270735S 1532042E - 271242S 1531917E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273708S 1531300E
274658S 1530722E - 274514S 1525851E
274234S 1525259E - 273429S 1524940E
273007S 1525210E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C05

LATERAL LIMITS: 274234S 1525259E - 271325S 1524103E
270455S 1525241E
then along the clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 271342S 1533115E
280149S 1535316E
then along the clockwise arc of a circle radius 22.00NM centre
281008S 1533014E (CG/DME) - 283202S 1533310E
then along COAST 500 - 282450S 1533348E
then along the clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 281945S 1531710E
280400S 1532117E - 275709S 1531723E
274658S 1530722E - 274514S 1525851E
274234S 1525259E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C06

LATERAL LIMITS: 275709S 1531723E - 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273238S 1533953E
274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 284007S 1533255E
283740S 1533258E - 283207S 1533222E
then along the clockwise arc of a circle radius 22.00NM centre
281008S 1533014E (CG/DME) - 282740S 1531506E
280400S 1532117E - 275709S 1531723E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C07

LATERAL LIMITS: 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273238S 1533953E
274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
275215S 1531233E - 275151S 1531210E
VERTICAL LIMITS: 6500 - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C08

LATERAL LIMITS: 280202S 1531003E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283512S 1534903E
then along the clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 284717S 1535618E
282950S 1540000E - 282439S 1540000E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 274337S 1534614E
then along the counter clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 280202S 1531003E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C09

LATERAL LIMITS: 280200S 1523427E
then along the clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 272952S 1540351E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
285102S 1525725E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 280200S 1523427E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C10

LATERAL LIMITS: 280812S 1521644E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 272326S 1542121E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
292335S 1534831E
then along the clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292510S 1533551E
293812S 1532855E - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
311417S 1530539E
then along the clockwise arc of a circle radius 55.00NM centre
301910S 1530716E (CFS/DME) - 305200S 1521603E
304602S 1522523E - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
295038S 1525619E - 293619S 1525104E
285402S 1523542E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 280812S 1521644E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C11

LATERAL LIMITS: 280812S 1521644E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 272326S 1542121E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
292335S 1534831E
then along the clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292510S 1533551E
293812S 1532855E - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
311417S 1530539E - 312418S 1530525E
then along the clockwise arc of a circle radius 65.00NM centre
301910S 1530716E (CFS/DME) - 305756S 1520642E
305200S 1521603E - 304602S 1522523E
304040S 1523347E - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E - 295038S 1525619E
293619S 1525104E - 285402S 1523542E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 280812S 1521644E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C1

LATERAL LIMITS: 164841S 1453809E - 164252S 1453525E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164124S 1455213E
164603S 1454834E
then along the counter clockwise arc of a circle radius 7.00NM centre
165157S 1454437E - 164841S 1453809E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C2

LATERAL LIMITS: 164841S 1453809E - 164252S 1453525E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170253S 1454642E
170031S 1454616E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E - 164841S 1453809E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C3

LATERAL LIMITS: 164252S 1453525E - 163318S 1453055E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 162907S 1454129E
163306S 1454203E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170849S 1454745E
170031S 1454616E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E - 165243S 1453919E
165444S 1453245E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164252S 1453525E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C4

LATERAL LIMITS: 163704S 1453242E - 163318S 1453055E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 171247S 1454828E
170253S 1454642E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 165444S 1453245E
165633S 1452647E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 163704S 1453242E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C5

LATERAL LIMITS: 170546S 1451022E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 172419S 1455913E
171122S 1455332E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 165837S 1452307E
170546S 1451022E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C6

LATERAL LIMITS: 170546S 1451022E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 172707S 1454307E
171304S 1454341E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 165837S 1452307E
170546S 1451022E
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C7

LATERAL LIMITS: 170546S 1451022E - 171252S 1445741E
then along the clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 174109S 1454232E
172707S 1454307E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 170546S 1451022E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C8

LATERAL LIMITS: A circle radius 50.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C9

LATERAL LIMITS: A circle radius 65.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C1

LATERAL LIMITS: 350639S 1490649E - 350159S 1490435E
then along the clockwise arc of a circle radius 16.00NM centre
351653S 1491145E (CB/DME) - 350315S 1492200E
350830S 1492027E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 352724S 1491548E
352925S 1491606E
then along the clockwise arc of a circle radius 13.00NM centre
351653S 1491145E (CB/DME) - 352944S 1490907E
352731S 1490812E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 350639S 1490649E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C2

LATERAL LIMITS: 353130S 1490344E - 353550S 1490349E
then along the counter clockwise arc of a circle radius 20.00NM centre
351653S 1491145E (CB/DME) - 353541S 1492015E
353120S 1492015E
then along the counter clockwise arc of a circle radius 16.00NM centre
351653S 1491145E (CB/DME) - 353130S 1490344E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C3

LATERAL LIMITS: A circle radius 20.00NM centre
351653S 1491145E (CB/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C4

LATERAL LIMITS: 354041S 1491140E - 354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354041S 1491140E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C5

LATERAL LIMITS: 355158S 1484804E
then along the clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 351237S 1500019E
352006S 1494812E - 353327S 1492531E
354549S 1490148E - 355158S 1484804E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C1

LATERAL LIMITS: 295817S 1525908E
then along the clockwise arc of a circle radius 22.00NM centre
301910S 1530716E (CFS/DME) - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C2

LATERAL LIMITS: 295038S 1525619E
then along the clockwise arc of a circle radius 30.00NM centre
301910S 1530716E (CFS/DME) - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
295038S 1525619E
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C3

LATERAL LIMITS: 293619S 1525104E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 293812S 1532855E
295150S 1532139E - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304040S 1523347E - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E - 295038S 1525619E
293619S 1525104E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA C1

LATERAL LIMITS: 122458S 1305805E - 121936S 1305803E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 123130S 1305645E
122458S 1305805E
VERTICAL LIMITS: 500 - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C2

LATERAL LIMITS: 122838S 1304605E - 122946S 1303806E
then along the clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 123000S 1310702E
123812S 1305238E - 123604S 1304618E
then along THE PORT DARWIN COT/1 - 122910S 1304631E
then along the clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 122838S 1304605E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C3

LATERAL LIMITS: 115908S 1303921E - 120330S 1304151E
then along the clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120033S 1305039E
115535S 1304955E
then along the clockwise arc of a circle radius 30.00NM centre
122524S 1305423E (DN/DME) - 115908S 1303921E
VERTICAL LIMITS: 2500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C4

LATERAL LIMITS: A circle radius 40.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: 6500 - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C5

LATERAL LIMITS: A circle radius 50.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: 9500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: WI 40NM DN/DME:Dept of Defence-RAAF.BTN 40NM&50NM DN/DME:AsA

YBBB/DARWIN CTA C6

LATERAL LIMITS: A circle radius 65.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: WI 40NM DN/DME:Dept of Defence-RAAF.BTN 40NM&65NM DN/DME:AsA

YBBB/GOLD COAST CTA C1

LATERAL LIMITS: 275913S 1531834E - 280400S 1532117E
280709S 1532304E - 281639S 1532750E
then along THE TWEED RIVER - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre
281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 76 - 282450S 1533348E
then along the counter clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 275913S 1531834E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST CTA C2

LATERAL LIMITS: 280400S 1532117E - 275913S 1531834E
then along the clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 281945S 1531710E
280400S 1532117E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C1

LATERAL LIMITS: 424001S 1465337E
then along the clockwise arc of a circle radius 30.00NM centre
425050S 1473136E (TASUM/WPT) - 431438S 1475629E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C2

LATERAL LIMITS: 424001S 1465337E - 423612S 1464828E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C3

LATERAL LIMITS: 422505S 1463332E - 424001S 1465337E
424640S 1470330E - 424840S 1471848E
425158S 1472133E - 425718S 1473140E
431807S 1480130E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420246S 1475019E
415226S 1474253E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 420116S 1470046E
420647S 1465936E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 422505S 1463332E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C1

LATERAL LIMITS: 411959S 1463636E - 413139S 1470031E
414154S 1470452E - 415615S 1470150E
then along the counter clockwise arc of a circle radius 25.00NM centre
413238S 1471247E (LT/DME) - 414739S 1473927E
411705S 1471747E - 410237S 1471254E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C2

LATERAL LIMITS: 414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410237S 1471254E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
413139S 1470031E - 414154S 1470452E
VERTICAL LIMITS: 6500 - 7500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C3

LATERAL LIMITS: 411641S 1462953E - 413139S 1470031E
414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
410105S 1473549E
then along the counter clockwise arc of a circle radius 36.00NM centre
413238S 1471247E (LT/DME) - 411641S 1462953E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C4

LATERAL LIMITS: 411144S 1461951E - 413139S 1470031E
414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
405311S 1474131E
then along the counter clockwise arc of a circle radius 45.00NM centre
413238S 1471247E (LT/DME) - 411144S 1461951E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C1

LATERAL LIMITS: 374821S 1444206E - 374420S 1443925E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 373043S 1445619E
373300S 1445612E - 373413S 1450809E
then along the clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 375053S 1450301E
375018S 1445906E - 375036S 1445109E
then along the clockwise arc of a circle radius 11.00NM centre
373936S 1445032E (ML/DME) - 374821S 1444206E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C2

LATERAL LIMITS: 374821S 1444206E - 374420S 1443925E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 373010S 1444619E
372817S 1444529E
then along the clockwise arc of a circle radius 12.00NM centre
373936S 1445032E (ML/DME) - 372833S 1445625E
373300S 1445612E - 373413S 1450809E
then along the clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 375053S 1450301E
375144S 1445702E - 375315S 1445032E
375229S 1444412E - 374821S 1444206E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C3

LATERAL LIMITS: 374448S 1442611E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375424S 1443954E - 375542S 1444800E
375824S 1444800E - 375812S 1450222E
then along the counter clockwise arc of a circle radius 3.00NM centre
375833S 1450608E - 375739S 1450945E
374812S 1451912E - 374000S 1451912E
373500S 1451554E - 373413S 1450809E
then along the counter clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 374443S 1443246E
374448S 1442611E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C4

LATERAL LIMITS: 374448S 1442611E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375424S 1443954E - 375542S 1444800E
375824S 1444800E - 375812S 1450222E
then along the counter clockwise arc of a circle radius 3.00NM centre
375833S 1450608E - 375739S 1450945E
374812S 1451912E - 374000S 1451912E
373054S 1451312E
then along the counter clockwise arc of a circle radius 20.00NM centre
373936S 1445032E (ML/DME) - 374448S 1442611E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C5

LATERAL LIMITS: A circle radius 30.00NM centre
373936S 1445032E (ML/DME)
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C6N1

LATERAL LIMITS: 365941S 1442423E - 371217S 1443454E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445204E
365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C7N

LATERAL LIMITS: 375404S 1441722E - 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 382407S 1445921E
380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C1

LATERAL LIMITS: 320515S 1154925E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320456S 1160005E - 320442S 1155608E
then along the clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320515S 1154925E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C2

LATERAL LIMITS: 320948S 1155641E - 320851S 1154155E
then along the clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320554S 1161547E
320644S 1160902E - 320541S 1160505E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155733E (PH/VOR) - 320740S 1155851E
320948S 1155641E
VERTICAL LIMITS: 2000 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C3

LATERAL LIMITS: 320851S 1154155E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320851S 1154155E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C4

LATERAL LIMITS: 321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
then along the counter clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321329S 1154047E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C5

LATERAL LIMITS: 322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C6

LATERAL LIMITS: 323411S 1151826E - 322351S 1152938E
321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E - 323216S 1163906E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323411S 1151826E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C7

LATERAL LIMITS: 324514S 1150624E - 323411S 1151826E
322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
323216S 1163906E - 324042S 1165407E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324514S 1150624E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C1

LATERAL LIMITS: 231055S 1495127E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 224720S 1503444E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233835S 1510338E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 235855S 1502427E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231055S 1495127E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C2

LATERAL LIMITS: 231741S 1501153E - 230751S 1494216E
then along the clockwise arc of a circle radius 45.00NM centre
232258S 1502818E (RK/DME) - 223826S 1503620E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
234227S 1511229E
then along the clockwise arc of a circle radius 45.00NM centre
232258S 1502818E (RK/DME) - 240754S 1502329E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C3

LATERAL LIMITS: 231741S 1501153E - 230426S 1493204E
then along the clockwise arc of a circle radius 55.00NM centre
232258S 1502818E (RK/DME) - 222832S 1503807E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
234643S 1512221E
then along the clockwise arc of a circle radius 55.00NM centre
232258S 1502818E (RK/DME) - 241753S 1502225E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C4

LATERAL LIMITS: 230100S 1492152E
then along the clockwise arc of a circle radius 65.00NM centre
232258S 1502818E (RK/DME) - 221838S 1503954E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
235059S 1513213E
then along the clockwise arc of a circle radius 65.00NM centre
232258S 1502818E (RK/DME) - 242752S 1502121E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
230100S 1492152E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SOUTH-EASTERN CTA C1

LATERAL LIMITS: 332222S 1482227E - 331037S 1484019E
332224S 1494003E - 332303S 1494356E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 331103S 1495212E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 323638S 1510455E
324635S 1510642E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330911S 1521238E
332139S 1520152E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 343513S 1515820E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 343917S 1505325E
352006S 1494812E - 353327S 1492531E
354041S 1491140E - 354549S 1490148E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
332222S 1482227E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SOUTH-EASTERN CTA C2

LATERAL LIMITS: 332303S 1494356E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 331103S 1495212E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 323638S 1510455E
324635S 1510642E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 344527S 1521138E
343513S 1515820E - 342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 343917S 1505325E
352006S 1494812E - 353327S 1492531E
354041S 1491140E - 354549S 1490148E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
332222S 1482227E - 331037S 1484019E
332224S 1494003E - 332303S 1494356E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C1

LATERAL LIMITS: 264253S 1530336E
then along 1NM E BRUCE - 1 - 264211S 1530232E
then along the clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 265158S 1533807E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265212S 1531314E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
VERTICAL LIMITS: 4500 - 7500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C2

LATERAL LIMITS: 263925S 1533759E - 265158S 1533807E
then along the counter clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 264211S 1530232E
then along 1NM E BRUCE - 2 - 263234S 1525843E
then along the clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263925S 1533759E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C3

LATERAL LIMITS: 263234S 1525843E
then along 1NM E BRUCE - 3 - 263153S 1525828E
263113S 1525754E - 262323S 1524115E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262050S 1524307E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 261730S 1531908E
263349S 1533313E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 263704S 1533317E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263234S 1525843E
VERTICAL LIMITS: 4500 - FL125
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C4

LATERAL LIMITS: 262323S 1524115E - 262220S 1523900E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262050S 1524307E
then along the counter clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262323S 1524115E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C5

LATERAL LIMITS: 262050S 1524307E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 261211S 1531435E
261730S 1531908E
then along the counter clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262050S 1524307E
VERTICAL LIMITS: 4500 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C6

LATERAL LIMITS: 262103S 1523619E
then along the clockwise arc of a circle radius 30.00NM centre
263552S 1530525E (SU/DME) - 260643S 1531342E
261211S 1531435E
then along the counter clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262050S 1524307E
then along the counter clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262220S 1523900E
262103S 1523619E
VERTICAL LIMITS: 6500 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C1

LATERAL LIMITS: 210149S 1483350E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
214628S 1491000E
then along the counter clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 212749S 1494500E
211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 205920S 1491147E
205427S 1491202E
then along the counter clockwise arc of a circle radius 36.00NM centre
202104S 1485721E (OVRON/WPT) - 203857S 1493041E
202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E
then along the counter clockwise arc of a circle radius 36.00NM centre
202104S 1485721E (OVRON/WPT) - 201125S 1482027E
210149S 1483350E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C2

LATERAL LIMITS: 200857S 1481115E - 205938S 1482430E
210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
215530S 1490942E
then along the counter clockwise arc of a circle radius 45.00NM centre
211023S 1491115E (MK/DME) - 213208S 1495328E
211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 210138S 1491827E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 204713S 1493627E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 193735S 1484425E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 200857S 1481115E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C3

LATERAL LIMITS: 200613S 1480102E - 200857S 1481115E
205938S 1482430E - 210613S 1485239E
212600S 1485035E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 212505S 1491043E
221534S 1490901E
then along the counter clockwise arc of a circle radius 65.00NM centre
211023S 1491115E (MK/DME) - 213946S 1501326E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 193103S 1483238E
then along the counter clockwise arc of a circle radius 55.00NM centre
202104S 1485721E (OVRON/WPT) - 200613S 1480102E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C4

LATERAL LIMITS: 200327S 1475049E - 200857S 1481115E
205938S 1482430E - 210613S 1485239E
212600S 1485035E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 212505S 1491043E
221534S 1490901E
then along the counter clockwise arc of a circle radius 65.00NM centre
211023S 1491115E (MK/DME) - 213946S 1501326E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 192506S 1482155E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 200327S 1475049E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C01A

LATERAL LIMITS: 335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 335934S 1512033E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E
VERTICAL LIMITS: 500 - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C01B

LATERAL LIMITS: 335115S 1511137E
then along SY Darling Harbour - 335120S 1511201E
335115S 1511137E
VERTICAL LIMITS: 500 - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C02

LATERAL LIMITS: 335104S 1510454E - 335028S 1510456E
then along HOMEBUSH BAY 5 - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 335934S 1512033E
340046S 1512430E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 340819S 1510735E
then along SY COAST 9 - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
335224S 1511446E
then along SY HarbourB - 335120S 1511228E
then along SY HarbourD - 335120S 1511201E
then along SY Darling Harbour - 335115S 1511137E
then along SY HarbourC - 335037S 1510748E
335030S 1510714E - 335037S 1510654E
335104S 1510454E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C03A

LATERAL LIMITS: 335156S 1505513E - 335323S 1505403E
335218S 1505032E - 335519S 1504425E
335557S 1504332E - 335634S 1504238E
335939S 1503615E - 340133S 1503221E
335817S 1503004E - 334933S 1503150E
334638S 1503750E - 334659S 1504226E
334334S 1504307E - 334203S 1504614E
334318S 1505158E - 334401S 1505535E
334548S 1510443E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 340046S 1512430E
341121S 1512717E - 341651S 1512843E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 342112S 1510509E
341546S 1510351E - 340819S 1510735E
340640S 1505608E - 340350S 1505942E
340105S 1505837E - 335753S 1505719E
335705S 1510125E - 335621S 1510128E
335417S 1510237E - 335310S 1510315E
then along the counter clockwise arc of a circle radius 4.00NM centre
335528S 1505918E - 335131S 1505831E
335156S 1505513E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C03B

LATERAL LIMITS: 335323S 1505403E - 335156S 1505513E
335135S 1505752E - 335131S 1505831E
then along the clockwise arc of a circle radius 4.00NM centre
335528S 1505918E - 335310S 1510315E
335417S 1510237E - 335621S 1510128E
335705S 1510125E - 335753S 1505719E
335800S 1505443E - 335323S 1505403E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C04

LATERAL LIMITS: 334326S 1503829E - 333500S 1505550E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 333206S 1511703E
333736S 1511827E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 341121S 1512717E
341651S 1512843E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 342112S 1510509E
341546S 1510351E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 340551S 1504936E
335557S 1504332E - 335634S 1504238E
335939S 1503615E - 340133S 1503221E
340308S 1502904E - 335952S 1502648E
335108S 1502834E - 334933S 1503150E
334638S 1503750E - 334326S 1503829E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C05

LATERAL LIMITS: 335003S 1501524E - 334530S 1502449E
334130S 1503303E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332346S 1505619E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332158S 1511719E
332655S 1511619E - 332814S 1511603E
333206S 1511703E - 333736S 1511827E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 341121S 1512717E
341651S 1512843E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 342112S 1510509E
341546S 1510351E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 340551S 1504936E
335557S 1504332E - 335634S 1504238E
335939S 1503615E - 340133S 1503221E
340308S 1502904E - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
335003S 1501524E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C06

LATERAL LIMITS: 335003S 1501524E - 334530S 1502449E
333741S 1502623E - 333003S 1501311E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
332346S 1505619E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332158S 1511719E
332654S 1511619E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 341230S 1504017E
340851S 1503743E - 340851S 1503304E
341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
335003S 1501524E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C07

LATERAL LIMITS: 333003S 1501311E - 331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
332346S 1505619E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332158S 1511719E
332654S 1511619E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 341230S 1504017E
342024S 1502455E - 342325S 1502002E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
340520S 1500537E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 333003S 1501311E
VERTICAL LIMITS: 5500 - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C08

LATERAL LIMITS: 334042S 1494909E - 332938S 1501243E
333003S 1501311E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330213S 1512117E
331205S 1511918E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342025S 1502454E
342325S 1502002E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
340520S 1500537E - 335844S 1494650E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334042S 1494909E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C09

LATERAL LIMITS: 334703S 1493534E - 334042S 1494909E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 324723S 1512415E
330213S 1512117E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 332139S 1520152E
333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342025S 1502454E
342325S 1502002E - 342625S 1501511E
344120S 1495048E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 334703S 1493534E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C10

LATERAL LIMITS: 340133S 1503221E - 335939S 1503615E
335634S 1504238E - 335557S 1504332E
340345S 1504818E - 340851S 1503743E
340851S 1503727E - 340133S 1503221E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C1

LATERAL LIMITS: 310951S 1511543E - 310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
312642S 1504516E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C2

LATERAL LIMITS: 313602S 1510906E - 312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
313933S 1504242E
then along the counter clockwise arc of a circle radius 36.00NM centre
310358S 1504948E (TW/DME) - 313602S 1510906E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C3

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre
310358S 1504948E (TW/DME) - 314402S 1511359E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C4

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
315856S 1504452E
then along the counter clockwise arc of a circle radius 55.00NM centre
310358S 1504948E (TW/DME) - 315255S 1511925E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C5

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
320902S 1504559E
then along the counter clockwise arc of a circle radius 65.00NM centre
310358S 1504948E (TW/DME) - 320147S 1512452E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C2

LATERAL LIMITS: 422231S 1463007E - 421556S 1462534E
then along the clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 415456S 1470207E
414154S 1470452E - 413139S 1470031E
410613S 1460845E
then along the clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404424S 1474749E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 420246S 1475019E
then along the clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420626S 1480244E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL125 - FL145
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C3

LATERAL LIMITS: 422231S 1463007E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
414154S 1470452E - 413139S 1470031E
410613S 1460845E
then along the clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404424S 1474749E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL145 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C4

LATERAL LIMITS: 422231S 1463007E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
414154S 1470452E - 413139S 1470031E
410041S 1455742E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 403536S 1475406E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C1

LATERAL LIMITS: A circle radius 11.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C2

LATERAL LIMITS: A circle radius 18.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C3

LATERAL LIMITS: A circle radius 25.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C4

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C5

LATERAL LIMITS: A circle radius 45.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C6

LATERAL LIMITS: A circle radius 55.00NM centre 191439S 1464530E (TL/DME)
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C7

LATERAL LIMITS: A circle radius 65.00NM centre 191439S 1464530E (TL/DME)
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WILLIAMTOWN CTA C1

LATERAL LIMITS: 324722S 1513730E - 324708S 1513658E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 325824S 1514619E
325524S 1514723E
then along SOUTHBANK/ARM HUNTER RVR 1 - 324914S 1514052E
then along NEW ENGLAND HWY 2 - 324722S 1513730E
VERTICAL LIMITS: 5000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C2

LATERAL LIMITS: 324246S 1513824E - 323602S 1512351E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
325824S 1514619E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324246S 1513824E
VERTICAL LIMITS: 2000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C3

LATERAL LIMITS: 325524S 1514723E - 325824S 1514619E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324708S 1513658E
324722S 1513730E
then along NEW ENGLAND HWY 2 - 324914S 1514052E
then along SOUTHBANK/ARM HUNTER RVR 1 - 325524S 1514723E
VERTICAL LIMITS: 2500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C4

LATERAL LIMITS: 325824S 1514619E - 331151S 1514133E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 330634S 1513016E
323602S 1512351E - 324246S 1513824E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 325824S 1514619E
VERTICAL LIMITS: 4500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C5

LATERAL LIMITS: 324708S 1513658E - 324637S 1512730E
then along the clockwise arc of a circle radius 19.00NM centre 324750S 1514959E (WLM/TAC) - 323855S 1513005E
324246S 1513824E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324708S 1513658E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C6

LATERAL LIMITS: 324036S 1514008E - 322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
324940S 1513707E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324036S 1514008E
VERTICAL LIMITS: FL125 - FL150
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C7

LATERAL LIMITS: 330558S 1515453E - 331246S 1515242E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
325833S 1513853E
then along the clockwise arc of a circle radius 62.50NM centre 335638S 1511057E (SY/DME) - 330558S 1515453E
VERTICAL LIMITS: FL150 - FL180
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C8

LATERAL LIMITS: 322725S 1520709E - 330558S 1515453E
then along the counter clockwise arc of a circle radius 62.50NM centre 335638S 1511057E (SY/DME) - 325833S 1513853E
324940S 1513707E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324036S 1514008E
322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 322725S 1520709E
VERTICAL LIMITS: FL150 - FL220
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C9

LATERAL LIMITS: 331246S 1515242E - 322725S 1520709E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331246S 1515242E
VERTICAL LIMITS: FL150 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

SECTION 6 – CONTROLLED AIRSPACE D

YMMM/ALBURY CTA D1
LATERAL LIMITS: A circle radius 11.00NM centre
360405S 1465758E (AY/DME)
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA D2
LATERAL LIMITS: A circle radius 16.00NM centre
360405S 1465758E (AY/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA D3
LATERAL LIMITS: 361213S 1463524E - 360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 354811S 1470028E
354420S 1470205E
then along the clockwise arc of a circle radius 20.00NM centre
360405S 1465758E (AY/DME) - 355917S 1472155E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 362006S 1465850E
362406S 1465721E
then along the clockwise arc of a circle radius 20.00NM centre
360405S 1465758E (AY/DME) - 361213S 1463524E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA D1
LATERAL LIMITS: A circle radius 15.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CTA D1
LATERAL LIMITS: 283953S 1534105E - 284501S 1532119E
then along the counter clockwise arc of a circle radius 12.00NM centre
285002S 1533345E - 290007S 1532618E
285455S 1534614E
then along the counter clockwise arc of a circle radius 12.00NM centre
285002S 1533345E - 283953S 1534105E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CTA D2
LATERAL LIMITS: 283830S 1534624E - 284624S 1531600E
then along the counter clockwise arc of a circle radius 16.00NM centre
285002S 1533345E - 290130S 1532100E
285332S 1535132E
then along the counter clockwise arc of a circle radius 16.00NM centre
285002S 1533345E - 283830S 1534624E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA CTA D3
LATERAL LIMITS: 283713S 1535115E - 284739S 1531108E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 290605S 1532005E
285710S 1535411E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283713S 1535115E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BANKSTOWN CTA D1
LATERAL LIMITS: 335323S 1505403E - 335156S 1505513E
335135S 1505752E - 335131S 1505831E
then along the clockwise arc of a circle radius 4.00NM centre
335528S 1505918E - 335310S 1510315E
335417S 1510237E - 335621S 1510128E
335705S 1510125E - 335753S 1505719E
335800S 1505443E - 335323S 1505403E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D1
LATERAL LIMITS: A circle radius 13.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D2
LATERAL LIMITS: A circle radius 18.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D3
LATERAL LIMITS: A circle radius 25.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D1

LATERAL LIMITS: 300750S 1530239E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D2

LATERAL LIMITS: 300303S 1530054E
then along the clockwise arc of a circle radius 17.00NM centre
301910S 1530716E (CFS/DME) - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E
then along the clockwise arc of a circle radius 17.00NM centre
301910S 1530716E (CFS/DME) - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D3

LATERAL LIMITS: 295817S 1525908E
then along the clockwise arc of a circle radius 22.00NM centre
301910S 1530716E (CFS/DME) - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
then along the clockwise arc of a circle radius 22.00NM centre
301910S 1530716E (CFS/DME) - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D1

LATERAL LIMITS: 201934S 1485110E - 201845S 1484806E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202537S 1490538E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 203004S 1485625E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D2

LATERAL LIMITS: 201934S 1485110E - 201756S 1484501E
then along the clockwise arc of a circle radius 12.00NM centre
202104S 1485721E (OVRON/WPT) - 200902S 1485728E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202736S 1490920E
then along the clockwise arc of a circle radius 13.00NM centre
202104S 1485721E (OVRON/WPT) - 203403S 1485600E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D3

LATERAL LIMITS: 201934S 1485110E - 201708S 1484157E
then along the clockwise arc of a circle radius 15.00NM centre
202104S 1485721E (OVRON/WPT) - 200601S 1485730E
201202S 1485726E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 202537S 1490538E
202905S 1491207E
then along the clockwise arc of a circle radius 16.00NM centre
202104S 1485721E (OVRON/WPT) - 203703S 1485541E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D4

LATERAL LIMITS: 201934S 1485110E - 201514S 1483447E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 195859S 1485734E
201202S 1485726E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 202537S 1490538E
203202S 1491741E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 204303S 1485504E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D1

LATERAL LIMITS: 424840S 1471848E - 424826S 1471701E
then along the clockwise arc of a circle radius 11.00NM centre
425050S 1473136E (TASUM/WPT) - 425516S 1474518E
425702S 1475141E
then along the clockwise arc of a circle radius 16.00NM centre
425050S 1473136E (TASUM/WPT) - 430446S 1474219E
425718S 1473140E - 425158S 1472133E
424840S 1471848E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D2

LATERAL LIMITS: 424840S 1471848E - 424734S 1471020E
then along the clockwise arc of a circle radius 16.00NM centre
425050S 1473136E (TASUM/WPT) - 430446S 1474219E
425718S 1473140E - 425158S 1472133E
424840S 1471848E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D3

LATERAL LIMITS: 424640S 1470330E - 424341S 1465904E
then along the clockwise arc of a circle radius 25.00NM centre
425050S 1473136E (TASUM/WPT) - 422725S 1471944E
423206S 1472204E
then along the clockwise arc of a circle radius 20.00NM centre
425050S 1473136E (TASUM/WPT) - 430738S 1474625E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D1

LATERAL LIMITS: 203543S 1163111E - 203637S 1163305E
then along the clockwise arc of a circle radius 14.00NM centre
204254S 1164626E (KA/DME) - 203056S 1165414E
202913S 1165521E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 204800S 1170238E
204722S 1170036E
then along the clockwise arc of a circle radius 14.00NM centre
204254S 1164626E (KA/DME) - 205223S 1163524E
205345S 1163350E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 203543S 1163111E
VERTICAL LIMITS: 1000 - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D2

LATERAL LIMITS: 203140S 1162236E - 203449S 1162916E
then along the clockwise arc of a circle radius 18.00NM centre
204254S 1164626E (KA/DME) - 202730S 1165627E
202131S 1170021E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 205051S 1171144E
204838S 1170439E
then along the clockwise arc of a circle radius 18.00NM centre
204254S 1164626E (KA/DME) - 205506S 1163215E
205950S 1162644E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 203140S 1162236E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D3

LATERAL LIMITS: 202858S 1161653E - 203140S 1162236E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 202131S 1170021E
201622S 1170341E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 205245S 1171749E
205051S 1171144E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 205950S 1162644E
210353S 1162159E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 202858S 1161653E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D4

LATERAL LIMITS: A circle radius 31.00NM centre
204254S 1164626E (KA/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D1

LATERAL LIMITS: 413139S 1470031E - 413037S 1465823E
then along the clockwise arc of a circle radius 11.00NM centre
413238S 1471247E (LT/DME) - 412504S 1472324E
413017S 1472705E
then along the clockwise arc of a circle radius 11.00NM centre
413238S 1471247E (LT/DME) - 414154S 1470452E
413139S 1470031E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D2

LATERAL LIMITS: 413139S 1470031E - 412746S 1465230E
then along the clockwise arc of a circle radius 16.00NM centre
413238S 1471247E (LT/DME) - 411705S 1471747E
413815S 1473245E
then along the clockwise arc of a circle radius 16.00NM centre
413238S 1471247E (LT/DME) - 414709S 1470346E
414154S 1470452E - 413139S 1470031E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D3

LATERAL LIMITS: 413139S 1470031E - 412531S 1464755E
then along the clockwise arc of a circle radius 20.00NM centre
413238S 1471247E (LT/DME) - 411249S 1471622E
411705S 1471747E - 414238S 1473552E
then along the clockwise arc of a circle radius 20.00NM centre
413238S 1471247E (LT/DME) - 415113S 1470254E
414154S 1470452E - 413139S 1470031E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D1

LATERAL LIMITS: 210904S 1490458E - 210752S 1485946E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 212124S 1491050E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D2

LATERAL LIMITS: 210904S 1490458E - 210640S 1485435E
then along the clockwise arc of a circle radius 16.00NM centre
211023S 1491115E (MK/DME) - 205419S 1491202E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
211812S 1492611E
then along the clockwise arc of a circle radius 16.00NM centre
211023S 1491115E (MK/DME) - 212625S 1491040E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D3

LATERAL LIMITS: 210904S 1490458E - 210513S 1484821E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 204818S 1491221E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
212106S 1493149E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 213226S 1491028E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D1

LATERAL LIMITS: 231922S 1501700E - 231741S 1501153E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 230708S 1503109E
231205S 1503015E
then along the clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 232749S 1503902E
232959S 1504357E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 233857S 1502634E
233357S 1502706E
then along the clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 231922S 1501700E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D2

LATERAL LIMITS: 231741S 1501153E - 231640S 1500849E
then along the clockwise arc of a circle radius 19.00NM centre
232258S 1502818E (RK/DME) - 230410S 1503141E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233116S 1504654E
then along the clockwise arc of a circle radius 19.00NM centre
232258S 1502818E (RK/DME) - 234156S 1502615E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D3

LATERAL LIMITS: 231539S 1500545E
then along the clockwise arc of a circle radius 22.00NM centre
232258S 1502818E (RK/DME) - 230112S 1503213E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504358E
233234S 1504951E
then along the clockwise arc of a circle radius 22.00NM centre
232258S 1502818E (RK/DME) - 234456S 1502556E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231539S 1500545E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D1

LATERAL LIMITS: 264709S 1531004E - 264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262926S 1525406E
then along the clockwise arc of a circle radius 12.00NM centre
263552S 1530525E (SU/DME) - 262425S 1530933E
263509S 1531847E
then along the clockwise arc of a circle radius 12.00NM centre
263552S 1530525E (SU/DME) - 264709S 1531004E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D2

LATERAL LIMITS: 263445S 1532313E
then along the clockwise arc of a circle radius 16.00NM centre
263552S 1530525E (SU/DME) - 265041S 1531217E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262734S 1525008E
then along the clockwise arc of a circle radius 16.00NM centre
263552S 1530525E (SU/DME) - 262039S 1531106E
263445S 1532313E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D3

LATERAL LIMITS: 265255S 1531710E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265212S 1531314E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262543S 1524611E
then along the clockwise arc of a circle radius 20.00NM centre
263552S 1530525E (SU/DME) - 261653S 1531239E
263420S 1532740E
then along the clockwise arc of a circle radius 20.00NM centre
263552S 1530525E (SU/DME) - 265255S 1531710E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA D1

LATERAL LIMITS: 335753S 1505719E - 335705S 1510125E
340119S 1510307E - 340206S 1505901E
340105S 1505837E - 335753S 1505719E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA D1

LATERAL LIMITS: 312429S 1510204E - 311722S 1505746E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 310751S 1510641E
310951S 1511543E
then along the clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 312429S 1510204E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WESTERN SYDNEY CTA D1

LATERAL LIMITS: 334638S 1503750E - 334659S 1504226E
334334S 1504307E - 334203S 1504614E
334318S 1505158E - 334401S 1505535E
334104S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333309S 1510030E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 333139S 1511316E
334340S 1510750E - 334548S 1510443E
334932S 1510518E
then along HOMEBUSH BAY 5 - 335028S 1510456E
335104S 1510454E
then along the clockwise arc of a circle radius 0.40NM centre
335103S 1510425E - 335125S 1510414E
335310S 1510315E
then along the counter clockwise arc of a circle radius 4.00NM centre
335528S 1505918E - 335131S 1505831E
335135S 1505752E - 335156S 1505513E
335323S 1505403E - 335800S 1505443E
340232S 1505146E - 340551S 1504936E
335557S 1504332E - 335519S 1504425E
335218S 1505032E - 334944S 1505116E
334735S 1504945E - 334721S 1504715E
335043S 1504020E - 334638S 1503750E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WESTERN SYDNEY CTA D2

LATERAL LIMITS: 333309S 1510030E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 333139S 1511316E
334340S 1510750E - 334548S 1510443E
334401S 1505535E - 334104S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333309S 1510030E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WESTERN SYDNEY CTA D3

LATERAL LIMITS: 335557S 1504332E - 335519S 1504425E
335218S 1505032E - 335323S 1505403E
335800S 1505443E - 340232S 1505146E
340551S 1504936E - 335557S 1504332E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

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SECTION 7 – CONTROLLED AIRSPACE E

YMMM/ADELAIDE CTA E1

LATERAL LIMITS: 353001S 1364920E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CTA E1

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: 700 AGL - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CTA E2

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AYERS ROCK CTA E1

LATERAL LIMITS: A circle radius 50.00NM centre
251110S 1305832E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AYERS ROCK CTA E2

LATERAL LIMITS: A circle radius 60.00NM centre
251110S 1305832E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E1

LATERAL LIMITS: A circle radius 31.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 1200 AGL - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E2

LATERAL LIMITS: A circle radius 31.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E3

LATERAL LIMITS: 180844S 1213400E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
171944S 1223010E
then along the clockwise arc of a circle radius 40.00NM centre
175649S 1221405E (BRM/DME) - 180844S 1213400E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E4

LATERAL LIMITS: 181142S 1212358E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
171027S 1223410E
then along the clockwise arc of a circle radius 50.00NM centre
175649S 1221405E (BRM/DME) - 181142S 1212358E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E5

LATERAL LIMITS: 181439S 1211355E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
170111S 1223810E
then along the clockwise arc of a circle radius 60.00NM centre
175649S 1221405E (BRM/DME) - 181439S 1211355E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CONTINENTAL AUSTRALIA CTA E1

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
184759S 1153344E - 182055S 1164824E
173711S 1184534E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 095000S 1410000E
093700S 1410200E - 091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1444210E - 142519S 1450511E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144421S 1470850E
180030S 1473936E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182656S 1480603E
192125S 1484202E - 194456S 1485743E
223410S 1513512E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
304020S 1533146E - 315455S 1525531E
then along the clockwise arc of a circle radius 150.00NM centre
335638S 1511057E (SY/DME) - 361400S 1522459E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 422100S 1410000E
371038S 1250454E - 364312S 1200000E
362500S 1164000E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311548S 1125625E
215000S 1113000E

VERTICAL LIMITS: FL125 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E1

LATERAL LIMITS: 131252S 1303742E - 130327S 1304117E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131000S 1311753E
then along the counter clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 8500 - 9500

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E2

LATERAL LIMITS: 131252S 1303742E - 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 134319S 1314108E
131000S 1311753E
then along the clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 9500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E3

LATERAL LIMITS: 131252S 1303742E - 135031S 1302320E
then along the clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 134319S 1314108E
131000S 1311753E
then along the counter clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 8500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YMMM/EAST COAST CTA E1

LATERAL LIMITS: 341702S 1482730E - 335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344120S 1495048E
342625S 1501511E - 342325S 1502002E
342025S 1502454E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E - 351237S 1500019E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 355158S 1484804E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 382407S 1445921E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E

VERTICAL LIMITS: 8500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/EAST COAST CTA E2

LATERAL LIMITS: 224731S 1473214E - 204343S 1470135E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
304020S 1533146E - 325239S 1522643E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
344527S 1521138E - 343513S 1515820E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
332139S 1520152E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330213S 1512117E
324723S 1512415E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334042S 1494909E
334703S 1493534E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
341702S 1482730E - 332222S 1482227E
323339S 1493537E - 320400S 1504526E
314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre
310358S 1504948E (TW/DME) - 314402S 1511359E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 291933S 1512853E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E1

LATERAL LIMITS: A circle radius 31.00NM centre
204254S 1164626E (KA/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E2

LATERAL LIMITS: 202454S 1160820E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
200840S 1170840E
then along the clockwise arc of a circle radius 40.00NM centre
204254S 1164626E (KA/DME) - 202454S 1160820E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E3

LATERAL LIMITS: 202023S 1155850E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
200006S 1171412E
then along the clockwise arc of a circle radius 50.00NM centre
204254S 1164626E (KA/DME) - 202023S 1155850E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E4

LATERAL LIMITS: 201551S 1154920E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
195131S 1171943E
then along the clockwise arc of a circle radius 60.00NM centre
204254S 1164626E (KA/DME) - 201551S 1154920E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA E

LATERAL LIMITS: 330337S 1144613E - 324514S 1150624E
323411S 1151826E
then along the clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323216S 1163906E
324042S 1165407E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WILLIAMTOWN CTA E1

LATERAL LIMITS: 323334S 1511842E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 325250S 1522506E
325301S 1522631E - 325528S 1522426E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 331308S 1520913E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
332225S 1503157E - 332512S 1502508E
333003S 1501311E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330822S 1503912E
330619S 1504408E - 324723S 1512415E
323602S 1512351E - 323334S 1511842E
VERTICAL LIMITS: 6500 - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WILLIAMTOWN CTA E2

LATERAL LIMITS: 323334S 1511842E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 325250S 1522506E
325301S 1522631E - 325528S 1522426E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 331308S 1520913E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
330213S 1512117E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330619S 1504408E
330110S 1503900E - 324243S 1503818E
323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
323334S 1511842E

VERTICAL LIMITS: 7500 - 8500

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

SECTION 8 – OCEANIC CONTROL AREAS

YBBB-YMMM/BRISBANE/MELB OCEANIC CONTROL

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 120000S 1232000E
092000S 1265000E - 070000S 1350000E
095000S 1394000E - 095000S 1313558E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
173711S 1184534E - 182055S 1164824E
184759S 1153344E - 193036S 1133123E
215000S 1113000E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
371038S 1250454E - 422100S 1410000E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 430000S 1510000E
381119S 1501914E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 361351S 1522508E
361336S 1522523E - 362926S 1534837E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 310750S 1531831E
304020S 1533146E - 294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245855S 1540000E
231318S 1531430E - 221521S 1520250E
184027S 1510035E - 160959S 1510621E
120000S 1483424E - 120000S 1550000E
140000S 1550000E - 140000S 1611500E
174000S 1630000E - 800000S 1630000E
800000S 0750000E - 060000S 0750000E

VERTICAL LIMITS: FL245 - FL600

CONTROLLING AUTHORITY: Airservices Australia

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SECTION 9 – ATC SECTORS LOW

YMMM/ADELAIDE TMA

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ALMA A

LATERAL LIMITS: 252205S 1525624E - 255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ALMA B

LATERAL LIMITS: 230540S 1492016E - 224842S 1490924E
222848S 1493500E - 222130S 1495154E
221432S 1500042E - 221700S 1501200E
221500S 1502000E - 221234S 1502527E
220600S 1503000E - 220600S 1504500E
213912S 1515208E - 221521S 1520250E
231318S 1531430E - 245855S 1540000E
255215S 1531926E - 252205S 1525624E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARCHER

LATERAL LIMITS: 113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 150000S 1400000E
140000S 1400000E - 113630S 1400000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ARNHEM

LATERAL LIMITS: 100127S 1313932E - 094839S 1313025E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
204356S 1361402E - 212959S 1361944E
211232S 1315506E - 190000S 1313000E
171035S 1313000E - 165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE B

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 122603S 1261925E
173711S 1184534E - 140813S 1150832E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA A

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: 8500 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA B

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: 9500 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA C

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA CAP

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E - 344448S 1384224E
then along the counter clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 350227S 1381432E
351016S 1375047E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON APPROACH A

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON APPROACH B

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BARKLY A

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
183439S 1444606E - 182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E - 220825S 1425753E
231000S 1404617E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
204356S 1361402E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BARKLY B

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
184922S 1440724E - 192553S 1442704E
201158S 1445336E - 212657S 1454628E
220117S 1454751E - 215114S 1453526E
214333S 1452558E - 214342S 1435344E
220825S 1425753E - 231000S 1404617E
231000S 1370050E - 221751S 1363807E
215132S 1362225E - 204356S 1361402E
VERTICAL LIMITS: FL180 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BATHURST A

LATERAL LIMITS: 334042S 1494909E - 332938S 1501243E
333003S 1501311E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 340520S 1500537E
335844S 1494650E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334042S 1494909E
VERTICAL LIMITS: 7500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BATHURST B

LATERAL LIMITS: 341702S 1482730E - 332222S 1482227E
325958S 1485623E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 332938S 1501243E
334042S 1494909E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 335844S 1494650E
335940S 1493450E - 341702S 1482730E
VERTICAL LIMITS: 8500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BATHURST C

LATERAL LIMITS: 325607S 1480326E - 323809S 1481522E
323814S 1483942E - 325958S 1485623E
332222S 1482227E - 341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOGAN A

LATERAL LIMITS: 290000S 1433000E - 290000S 1442500E
290000S 1463200E - 292027S 1464641E
305846S 1475856E - 314002S 1464609E
324857S 1461901E - 325711S 1461543E
331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOGAN B

LATERAL LIMITS: 290000S 1433000E - 290000S 1442500E
290000S 1463200E - 292027S 1464641E
305846S 1475856E - 320540S 1484951E
322023S 1490219E - 322939S 1482158E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BUNYA

LATERAL LIMITS: 275324S 1524511E - 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 271200S 1523635E
271325S 1524103E - 274234S 1525259E
274413S 1525155E - 275324S 1524511E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CABLE

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
142014S 1233752E - 154406S 1250206E
155648S 1251500E - 164200S 1262800E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA TMA

LATERAL LIMITS: 350920S 1483619E - 345232S 1490600E
345200S 1493214E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 350920S 1483619E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CANNING

LATERAL LIMITS: 142014S 1233752E - 122603S 1261925E
123955S 1280111E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165510S 1313645E
171035S 1313000E - 190000S 1313000E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
164200S 1262800E - 155648S 1251500E
154406S 1250206E - 142014S 1233752E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COBOURG A

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: BCTA - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COBOURG B

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL180 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/COOPER

LATERAL LIMITS: 231000S 1370050E - 231000S 1404617E
220825S 1425753E - 214342S 1435344E
214333S 1452558E - 220117S 1454751E
225859S 1455231E - 255045S 1473000E
272000S 1473545E - 280312S 1470518E
290000S 1463200E - 290000S 1433000E
261331S 1382324E - 231000S 1370050E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL APPROACH MACKAY

LATERAL LIMITS: 210513S 1484821E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 204818S 1491221E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
212749S 1494500E
then along the clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 214628S 1491000E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
210513S 1484821E
VERTICAL LIMITS: BCTA - FL150
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL APPROACH ROCKHAMPTON

LATERAL LIMITS: 231055S 1495127E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 224720S 1503444E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233835S 1510338E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 235855S 1502427E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231055S 1495127E
VERTICAL LIMITS: BCTA - FL150
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DAWSON A

LATERAL LIMITS: 255045S 1473000E - 251204S 1470736E
252729S 1483320E - 251258S 1493128E
252031S 1500000E - 251744S 1502359E
263045S 1503032E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 283745S 1504159E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
255045S 1473000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DAWSON B

LATERAL LIMITS: 263045S 1503032E - 251744S 1502359E
251446S 1504849E - 255704S 1512159E
260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
283745S 1504159E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 263045S 1503032E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DOOKIE A

LATERAL LIMITS: 365113S 1445303E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
363045S 1454137E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 375448S 1460718E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DUBBO A

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
320540S 1484951E - 322023S 1490219E
324303S 1492142E - 325958S 1485623E
323814S 1483942E - 323809S 1481522E
325607S 1480326E - 324857S 1461901E
314002S 1464609E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DUBBO B

LATERAL LIMITS: 305846S 1475856E - 320540S 1484951E
322023S 1490219E - 324303S 1492142E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
314002S 1464609E - 305846S 1475856E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DUBBO C

LATERAL LIMITS: 324857S 1461901E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
324857S 1461901E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/EMERALD A

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 243810S 1502030E
251744S 1502359E - 252031S 1500000E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 225859S 1455231E
220117S 1454751E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/EMERALD B

LATERAL LIMITS: 251744S 1502359E - 243810S 1502030E
251446S 1504849E - 251744S 1502359E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/FORREST LOW

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 313500S 1352500E
322545S 1350201E - 325942S 1350800E
335023S 1342334E - 344618S 1350000E
353001S 1350000E - 361004S 1350000E
365730S 1394000E - 385404S 1394000E
385404S 1410000E - 403000S 1410000E
411800S 1410000E - 422100S 1410000E
371038S 1250454E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GOULBURN

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
340250S 1492244E - 342812S 1491631E
then along the counter clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 344607S 1494256E
344633S 1494212E - 345322S 1493429E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 345618S 1485922E
350920S 1483619E - 345149S 1475032E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON A

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON B

LATERAL LIMITS: 282406S 1521819E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
291243S 1535052E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 282406S 1521819E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON C

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
304908S 1522033E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON D

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304908S 1522033E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON E

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283818S 1531819E
285137S 1532225E
then along the counter clockwise arc of a circle radius 5.00NM centre
285018S 1532755E (BERNI/WPT) - 285326S 1533222E
283527S 1534836E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283512S 1534903E
then along the clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 284717S 1535618E
285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON F

LATERAL LIMITS: 285402S 1523542E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E
then along the clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 292636S 1524731E
285402S 1523542E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON G

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 285402S 1523542E
292636S 1524731E
then along the counter clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 293411S 1534614E
300954S 1533828E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON H

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283512S 1534903E
then along the clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 284717S 1535618E
285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART APPROACH

LATERAL LIMITS: 421022S 1462144E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E - 421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
422231S 1463007E - 421022S 1462144E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUME A

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUME B

LATERAL LIMITS: 345049S 1474758E - 350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
360405S 1465758E - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
345049S 1474758E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUME C

LATERAL LIMITS: 350920S 1483619E - 345232S 1490600E
345200S 1493214E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 350920S 1483619E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON B

LATERAL LIMITS: 403000S 1410000E - 403000S 1450000E
400000S 1450000E - 394736S 1450730E
391848S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 423000S 1505529E
423000S 1480943E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E - 415306S 1481156E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
421022S 1462144E - 424756S 1422850E
422100S 1410000E - 411800S 1410000E
403000S 1410000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON C

LATERAL LIMITS: 424756S 1422850E - 421022S 1462144E
422231S 1463007E - 423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423000S 1480943E
423000S 1505529E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 424756S 1422850E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUON D

LATERAL LIMITS: 421022S 1462144E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E - 421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
422231S 1463007E - 421022S 1462144E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH LOW A

LATERAL LIMITS: 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
303803S 1161543E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
322416S 1162456E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH LOW B

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 330001S 1165534E
340014S 1172142E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JERVIS A

LATERAL LIMITS: 344120S 1495048E - 342625S 1501511E
342325S 1502002E - 342025S 1502454E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345322S 1493429E
344633S 1494212E - 344607S 1494256E
344120S 1495048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/JERVIS B

LATERAL LIMITS: 344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345607S 1505957E
344356S 1510000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KALANNIE A

LATERAL LIMITS: 310215S 1172130E - 310812S 1171207E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303646S 1155014E
302644S 1155010E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KALANNIE B

LATERAL LIMITS: 300013S 1134939E - 300000S 1124356E
273000S 1122001E - 274109S 1160000E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE A

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE B

LATERAL LIMITS: 151520S 1295433E - 150544S 1295421E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 145901S 1321037E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141015S 1324450E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE C

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
115141S 1321938E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 135031S 1302320E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE D

LATERAL LIMITS: 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 115141S 1321938E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
135031S 1302320E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KELLA A

LATERAL LIMITS: 310812S 1171207E - 310215S 1172130E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
324903S 1170906E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 310812S 1171207E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KELLA B

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
313731S 1203004E - 320000S 1203503E
321857S 1203917E - 344956S 1201722E
340014S 1172142E - 330001S 1165534E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KINGSCOTE

LATERAL LIMITS: 353001S 1350000E - 353001S 1364920E
351016S 1375047E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 352836S 1385213E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON APPROACH

LATERAL LIMITS: A circle radius 30.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN LOW A

LATERAL LIMITS: 330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
303646S 1155014E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303803S 1161543E
312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN LOW B

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON A

LATERAL LIMITS: 365941S 1442423E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 371217S 1443454E
365941S 1442423E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON B

LATERAL LIMITS: 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
371217S 1443454E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
380146S 1440104E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON D

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE A

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
350500S 1432612E - 350500S 1412138E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE B

LATERAL LIMITS: 330000S 1433100E - 330000S 1440000E
330800S 1444200E - 333700S 1452924E
342100S 1452546E - 345156S 1455200E
350406S 1465632E - 350521S 1465521E
352230S 1463136E - 360813S 1454128E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 330000S 1433100E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE C

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 350500S 1412138E
350500S 1432612E - 360152S 1442325E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 385404S 1432539E
385404S 1394000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE TMA B

LATERAL LIMITS: 380836S 1442149E - 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375533S 1452236E
380505S 1452930E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL A

LATERAL LIMITS: 375533S 1452236E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375448S 1460718E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 381343S 1442049E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381247S 1443617E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 380505S 1452930E
375533S 1452236E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL B

LATERAL LIMITS: 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
380836S 1442149E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL C

LATERAL LIMITS: 381343S 1442049E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MYALL A

LATERAL LIMITS: 312647S 1513304E - 304152S 1520220E
304908S 1522033E - 304602S 1522523E
304040S 1523347E
then along the counter clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 305514S 1530605E
310415S 1530553E - 310916S 1530546E
310807S 1531823E - 325301S 1522631E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
330110S 1503900E - 323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 313349S 1512957E
312647S 1513304E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MYALL B

LATERAL LIMITS: 312647S 1513304E - 304152S 1520220E
304908S 1522033E - 304602S 1522523E
then along the counter clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 310415S 1530553E
310916S 1530546E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 313349S 1512957E
312647S 1513304E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NAMBOUR

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL A

LATERAL LIMITS: 331103S 1495212E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 325523S 1500918E
324347S 1500738E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
330110S 1503900E - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
332225S 1503157E - 333003S 1501311E
331836S 1500031E - 331103S 1495212E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL B

LATERAL LIMITS: 324303S 1492142E - 323339S 1493537E
322132S 1500426E - 324347S 1500738E
325523S 1500918E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 331103S 1495212E
324914S 1492824E - 324303S 1492142E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL C

LATERAL LIMITS: 290000S 1490000E - 283745S 1504159E
282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 294903S 1511235E
302504S 1505226E - 304857S 1504946E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
312744S 1504503E - 313715S 1503551E
320502S 1503653E - 323051S 1503751E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 324347S 1500738E
322132S 1500426E - 323339S 1493537E
324303S 1492142E - 322023S 1490219E
320540S 1484951E - 292027S 1464641E
290807S 1474257E - 290000S 1490000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OPAL

LATERAL LIMITS: 250104S 1375016E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 321805S 1392655E
313500S 1390000E - 313500S 1375000E
313500S 1352500E - 294337S 1331818E
280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS A

LATERAL LIMITS: 363045S 1454137E - 361207S 1455112E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 363045S 1454137E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS B

LATERAL LIMITS: 353633S 1461620E - 355401S 1464239E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS C

LATERAL LIMITS: 362404S 1452346E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
363045S 1454137E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
VERTICAL LIMITS: 8500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS D

LATERAL LIMITS: 353633S 1461620E - 355401S 1464239E
360405S 1465758E - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
315642S 1155734E (PH/DME)
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/PRAWN

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
153025S 1414329E - 160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 190500S 1425000E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E - 190114S 1374020E
172018S 1370918E - 154212S 1371254E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SALTY A

LATERAL LIMITS: 334042S 1494909E - 332938S 1501243E
333003S 1501311E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 340520S 1500537E
335844S 1494650E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334042S 1494909E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SALTY B

LATERAL LIMITS: 341702S 1482730E - 332222S 1482227E
325958S 1485623E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 332938S 1501243E
334042S 1494909E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 335844S 1494650E
335940S 1493450E - 341702S 1482730E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SALTY C

LATERAL LIMITS: 325607S 1480326E - 323809S 1481522E
323814S 1483942E - 325958S 1485623E
332222S 1482227E - 341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SANDON

LATERAL LIMITS: 302504S 1505226E - 294903S 1511235E
302619S 1514009E - 302821S 1514302E
304152S 1520220E - 312647S 1513304E
313349S 1512957E - 322728S 1510559E
322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
320502S 1503653E - 313715S 1503551E
312744S 1504503E - 311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY A

LATERAL LIMITS: 382732S 1461141E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY B

LATERAL LIMITS: 372642S 1462949E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY C

LATERAL LIMITS: 371730S 1465303E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 381241S 1481147E
then along the clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY D

LATERAL LIMITS: 354549S 1490148E - 353327S 1492531E
352548S 1493833E - 354449S 1503709E
363646S 1504249E
then along the clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (UXUTI/WPT) - 355125S 1484918E
354549S 1490148E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SNOWY E

LATERAL LIMITS: 360704S 1481400E - 355125S 1484918E
then along the counter clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (UXUTI/WPT) - 363646S 1504249E
365643S 1504503E - 380000S 1502312E
381119S 1501914E - 400000S 1503354E
403402S 1503839E - 400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
391933S 1473351E
then along the counter clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 381241S 1481147E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
360704S 1481400E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER B

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER C

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE

LATERAL LIMITS: 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274436S 1540000E - 282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E - 271200S 1523635E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY APPROACH

LATERAL LIMITS: 333003S 1501311E - 331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342025S 1502454E
342325S 1502002E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
340520S 1500537E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 335719S 1500451E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 333003S 1501311E
VERTICAL LIMITS: SFC - FL280
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND

LATERAL LIMITS: 333822S 1394630E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
365730S 1394000E - 361004S 1350000E
353001S 1350000E - 353001S 1364920E
351016S 1375047E - 350227S 1381432E
then along the clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 344448S 1384224E
342756S 1385736E - 334220S 1394417E
333822S 1394630E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND A

LATERAL LIMITS: 334220S 1394417E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
352836S 1385213E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342756S 1385736E
334220S 1394417E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TEMORA A

LATERAL LIMITS: 324857S 1461901E - 325607S 1480326E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
325711S 1461543E - 324857S 1461901E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TEMORA B

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TODD EAST

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TODD WEST

LATERAL LIMITS: 221058S 1301335E - 234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB-YMMM/WARBURTON LOW

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WICKHAM

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391848S 1450733E
394736S 1450730E - 400000S 1450000E
403000S 1450000E - 403000S 1410000E
385404S 1410000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YASS

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E - 335844S 1494650E
340520S 1500537E - 340739S 1501216E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 342325S 1502002E
342625S 1501511E - 344120S 1495048E
344607S 1494256E - 344633S 1494212E
345322S 1493429E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 345618S 1485922E
350920S 1483619E - 345149S 1475032E

VERTICAL LIMITS: SFC - 8500

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/YORK

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E

VERTICAL LIMITS: SFC - FL285

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

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SECTION 10 – ATC SECTORS HIGH/LOW

YBBB-YMMM/ALICE SPRINGS EAST

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ALICE SPRINGS WEST

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARAFURA

LATERAL LIMITS: 072338S 1334000E - 070000S 1350000E
073654S 1360000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 163557S 1371056E
154648S 1363051E - 144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 081924S 1302716E
072338S 1334000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARAFURA B

LATERAL LIMITS: 072338S 1334000E - 070000S 1350000E
073654S 1360000E - 095000S 1394000E
095000S 1313558E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
081924S 1302716E - 072338S 1334000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARMIDALE

LATERAL LIMITS: 313715S 1503551E - 312744S 1504503E
302743S 1514208E - 304152S 1520220E
323602S 1512351E - 322728S 1510559E
322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
320502S 1503653E - 313715S 1503551E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ASHMORE NORTH

LATERAL LIMITS: 122603S 1261925E - 123955S 1280111E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135504S 1282612E
164551S 1263346E - 174545S 1255325E
145251S 1225045E - 122603S 1261925E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE OCEAN

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 122603S 1261925E
145251S 1225045E - 173711S 1184534E
140813S 1150832E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE SOUTH

LATERAL LIMITS: 173711S 1184534E - 145251S 1225045E
174545S 1255325E - 183510S 1251942E
210550S 1234207E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA HIGH

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E - 334220S 1394417E
334643S 1393950E - 341716S 1390838E
342756S 1385736E - 344448S 1384224E
then along the counter clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 350227S 1381432E
351016S 1375047E - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH A

LATERAL LIMITS: 284454S 1533911E - 284820S 1532601E
then along the counter clockwise arc of a circle radius 7.00NM centre
285002S 1533345E - 285505S 1532813E
285136S 1534131E
then along the counter clockwise arc of a circle radius 7.00NM centre
285002S 1533345E - 284454S 1533911E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH B

LATERAL LIMITS: 283953S 1534105E - 284501S 1532119E
then along the counter clockwise arc of a circle radius 12.00NM centre
285002S 1533345E - 290007S 1532618E
285455S 1534614E
then along the counter clockwise arc of a circle radius 12.00NM centre
285002S 1533345E - 283953S 1534105E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH C

LATERAL LIMITS: 283830S 1534624E - 284624S 1531600E
then along the counter clockwise arc of a circle radius 16.00NM centre
285002S 1533345E - 290130S 1532100E
285332S 1535132E
then along the counter clockwise arc of a circle radius 16.00NM centre
285002S 1533345E - 283830S 1534624E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH D

LATERAL LIMITS: 283713S 1535115E - 284739S 1531108E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 290605S 1532005E
285710S 1535411E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283713S 1535115E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH E

LATERAL LIMITS: 283756S 1531714E - 283929S 1531644E
284232S 1531039E - 285221S 1530415E
then along the counter clockwise arc of a circle radius 26.00NM centre
285002S 1533345E - 291026S 1531518E
290030S 1535329E - 285710S 1535411E
284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283756S 1531714E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BALLINA APPROACH F

LATERAL LIMITS: 282827S 1530316E - 285102S 1525725E
285431S 1525630E - 291811S 1525355E
then along the counter clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292335S 1534831E
291243S 1535052E - 290030S 1535329E
285710S 1535411E - 284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BARRA A

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
164444S 1462136E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164858S 1450709E
164146S 1430834E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BARRA B

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
164256S 1460559E
then along the counter clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 164947S 1452144E
164146S 1430834E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BENALLA

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
352057S 1481617E - 351741S 1485821E
then along the counter clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 352540S 1490337E
354549S 1490148E - 360704S 1481400E
372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 381241S 1481147E
380556S 1470858E - 380316S 1465314E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BINDOOK A

LATERAL LIMITS: 335940S 1493450E - 335844S 1494650E
340520S 1500537E - 340739S 1501216E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 342325S 1502002E
342625S 1501511E - 344120S 1495048E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BINDOOK B

LATERAL LIMITS: 342812S 1491631E - 340250S 1492244E
335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344120S 1495048E
344607S 1494256E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 342812S 1491631E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOURKE EAST

LATERAL LIMITS: 331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
314754S 1433100E - 310000S 1424844E
295353S 1424054E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
320540S 1484951E - 322023S 1490219E
322939S 1482158E - 323809S 1481522E
325607S 1480326E - 332313S 1474517E
325711S 1461543E - 331136S 1453123E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOURKE WEST

LATERAL LIMITS: 330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
295353S 1424054E - 310000S 1424844E
314754S 1433100E - 330000S 1433100E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH BRISBANE

LATERAL LIMITS: 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
VERTICAL LIMITS: BCTA - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST A

LATERAL LIMITS: 275148S 1531240E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
273641S 1534144E - 274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
281008S 1533014E - 281712S 1530610E
275148S 1531240E
VERTICAL LIMITS: BCTA - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST B

LATERAL LIMITS: 282827S 1530316E - 281712S 1530610E
281330S 1531849E - 281008S 1533014E
275120S 1535642E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275544S 1540000E
282439S 1540000E - 282950S 1540000E
284717S 1535618E
then along the counter clockwise arc of a circle radius 20.00NM centre
285002S 1533345E - 283512S 1534903E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: BCTA - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST C

LATERAL LIMITS: 283527S 1534836E - 285326S 1533222E
then along the clockwise arc of a circle radius 5.00NM centre
285018S 1532755E (BERNI/WPT) - 285137S 1532225E
283818S 1531819E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283527S 1534836E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT A

LATERAL LIMITS: 271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265413S 1525521E
271047S 1525559E - 271325S 1524103E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT B

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255816S 1523043E
261816S 1524725E - 264431S 1525216E
265413S 1525521E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT C

LATERAL LIMITS: 265137S 1513322E - 264115S 1510154E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 265137S 1513322E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT D

LATERAL LIMITS: 262106S 1515405E - 260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
255816S 1523043E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CARNARVON NORTH

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 243810S 1502030E
251744S 1502359E - 252031S 1500000E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 241919S 1463729E
225859S 1455231E - 220117S 1454751E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CARNARVON SOUTH

LATERAL LIMITS: 251744S 1502359E - 263045S 1503032E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 283745S 1504159E
290000S 1490000E - 290807S 1474257E
291447S 1471248E - 251204S 1470736E
252729S 1483320E - 251258S 1493128E
252031S 1500000E - 251744S 1502359E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CESSNOCK

LATERAL LIMITS: 323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 323602S 1512351E
324723S 1512415E - 331205S 1511918E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
330110S 1503900E - 323051S 1503751E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CESSNOCK/SYDNEY CAP

LATERAL LIMITS: 333139S 1505947E - 331422S 1505212E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
334146S 1511341E - 333938S 1510033E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505947E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL

LATERAL LIMITS: 120000S 1483424E - 120000S 1550000E
140000S 1550000E - 140000S 1611500E
165817S 1623945E - 165817S 1510431E
160959S 1510621E - 120000S 1483424E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CROSS

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
311007S 1202403E - 314125S 1174140E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DALLY

LATERAL LIMITS: 302814S 1161803E - 291930S 1163413E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 302017S 1182634E
310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DENMAN A

LATERAL LIMITS: 324347S 1500738E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
330110S 1503900E - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
332225S 1503157E - 330620S 1501238E
330442S 1501040E - 325524S 1500919E
324347S 1500738E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DENMAN B

LATERAL LIMITS: 321057S 1500255E - 313715S 1503551E
320502S 1503653E - 323051S 1503751E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 324347S 1500738E
322132S 1500426E - 321057S 1500255E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DOWNS A

LATERAL LIMITS: 275324S 1524511E - 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
265137S 1513322E - 270515S 1521528E
271200S 1523635E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DOWNS D

LATERAL LIMITS: 263045S 1503032E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 292248S 1512706E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 263045S 1503032E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH A

LATERAL LIMITS: 372936S 1445058E - 370936S 1445203E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
374220S 1450239E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 372936S 1445058E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH B

LATERAL LIMITS: 365113S 1445303E - 362404S 1452346E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH C

LATERAL LIMITS: 362404S 1452346E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
375846S 1462834E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ESPERANCE

LATERAL LIMITS: 320000S 1203503E - 320000S 1235018E
325136S 1240000E - 350427S 1250010E
371038S 1250454E - 364312S 1200000E
350000S 1201551E - 344956S 1201722E
321857S 1203917E - 320000S 1203503E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/FLINDERS

LATERAL LIMITS: 165817S 1510431E - 165817S 1623945E
174000S 1630000E - 264859S 1630000E
265738S 1555419E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245855S 1540000E
231318S 1531430E - 221521S 1520250E
213912S 1515208E - 191613S 1511044E
184027S 1510035E - 165817S 1510431E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/FORREST

LATERAL LIMITS: 350427S 1250010E - 325136S 1240000E
320000S 1235018E - 305100S 1233737E
293000S 1250000E - 284701S 1275000E
283616S 1290000E - 282326S 1301837E
280951S 1313652E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
344618S 1350000E - 353001S 1350000E
361004S 1350000E - 365730S 1394000E
385404S 1394000E - 385404S 1410000E
403000S 1410000E - 411800S 1410000E
422100S 1410000E - 371038S 1250454E
350427S 1250010E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GERALDTON

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 274109S 1160000E
274810S 1165509E - 291930S 1163413E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 300013S 1134939E
300000S 1124356E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST A

LATERAL LIMITS: 282827S 1530316E - 281712S 1530610E
281330S 1531849E - 281008S 1533014E
275120S 1535642E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275544S 1540000E
282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST B

LATERAL LIMITS: 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
272458S 1530821E - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST C

LATERAL LIMITS: 281712S 1530610E - 275148S 1531240E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
273641S 1534144E - 274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
281008S 1533014E - 281330S 1531849E
281712S 1530610E
VERTICAL LIMITS: 7500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST D

LATERAL LIMITS: 274706S 1524949E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275148S 1531240E
282827S 1530316E - 282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST E

LATERAL LIMITS: 274253S 1534434E - 273641S 1534144E
274436S 1540000E - 275544S 1540000E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 274253S 1534434E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST F

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GRIFFITH

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GROVE

LATERAL LIMITS: 291930S 1163413E - 274810S 1165509E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 302017S 1182634E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GUNDAGAI A

LATERAL LIMITS: 345049S 1474758E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
340250S 1492244E - 335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344120S 1495048E
344607S 1494256E - 344633S 1494212E
345322S 1493429E - 350816S 1492006E
then along the counter clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 351741S 1485821E
352057S 1481617E - 345049S 1474758E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GUNNEDAH

LATERAL LIMITS: 301740S 1494704E - 300647S 1500449E
294903S 1511235E - 301419S 1513113E
302619S 1514009E - 302743S 1514208E
312744S 1504503E - 313715S 1503551E
321057S 1500255E - 301740S 1494704E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON A

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
394736S 1450730E - 400000S 1451201E
400000S 1463549E
then along the counter clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
393748S 1474428E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 424756S 1422850E
422100S 1410000E - 385404S 1410000E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HYDEN

LATERAL LIMITS: 314125S 1174140E - 311007S 1202403E
321857S 1203917E - 344956S 1201722E
335400S 1183100E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 314125S 1174140E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/INDIAN

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 090000S 1022026E
105900S 1025800E - 171600S 1050000E
250000S 1100000E - 252513S 1120107E
273000S 1122001E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
900000S 1200000E - 060000S 0750000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/INDIAN EAST

LATERAL LIMITS: 105900S 1025800E - 090000S 1022026E
120000S 1070000E - 120000S 1143000E
140813S 1150832E - 173711S 1184534E
184759S 1153344E - 193036S 1133123E
215000S 1113000E - 252513S 1120107E
250000S 1100000E - 171600S 1050000E
105900S 1025800E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/INDIAN SOUTH

LATERAL LIMITS: 364312S 1200000E - 371038S 1250454E
422100S 1410000E - 424756S 1422850E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 364312S 1200000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL A

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 285402S 1523542E
292636S 1524731E
then along the counter clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 293411S 1534614E
300954S 1533828E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL B

LATERAL LIMITS: 285402S 1523542E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E
then along the clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 292636S 1524731E
285402S 1523542E
VERTICAL LIMITS: FL155 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL C

LATERAL LIMITS: 282406S 1521819E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
291243S 1535052E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 282406S 1521819E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ISA EAST

LATERAL LIMITS: 164146S 1430834E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 184922S 1440724E
192553S 1442704E - 201158S 1445336E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E - 215448S 1432845E
190626S 1405844E - 163858S 1422700E
164146S 1430834E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ISA NORTH

LATERAL LIMITS: 172018S 1370918E - 154212S 1371254E
150836S 1382042E - 145629S 1385236E
150000S 1400000E - 153025S 1414329E
160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
163858S 1422700E - 190626S 1405844E
190114S 1374020E - 172018S 1370918E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ISA SOUTH

LATERAL LIMITS: 190626S 1405844E - 215448S 1432845E
220825S 1425753E - 231000S 1404617E
231000S 1370050E - 221751S 1363807E
215132S 1362225E - 204356S 1361402E
200247S 1364855E - 190114S 1374020E
190626S 1405844E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E - 325436S 1171906E
335400S 1183100E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH CAP

LATERAL LIMITS: 322351S 1152938E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320740S 1155850E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
321813S 1161417E - 322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA A

LATERAL LIMITS: 335844S 1494650E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 331836S 1500031E
333003S 1501311E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 335719S 1500451E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 340520S 1500537E
335844S 1494650E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA B

LATERAL LIMITS: 332222S 1482227E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 335844S 1494650E
335940S 1493450E - 340250S 1492244E
341702S 1482730E - 332222S 1482227E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA C

LATERAL LIMITS: 322939S 1482158E - 322023S 1490219E
324303S 1492142E - 332222S 1482227E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
323809S 1481522E - 322939S 1482158E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA/SYDNEY CAP

LATERAL LIMITS: 333003S 1501311E - 333741S 1502623E
334211S 1503641E - 334257S 1503844E
334505S 1505400E - 335433S 1505306E
340739S 1501216E - 340520S 1500537E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 335719S 1500451E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 333003S 1501311E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KENNEDY A

LATERAL LIMITS: 164146S 1430834E - 164858S 1450709E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KENNEDY B

LATERAL LIMITS: 164146S 1430834E - 164947S 1452144E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 164256S 1460559E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KEPPEL

LATERAL LIMITS: 231000S 1493500E - 221432S 1500042E
221700S 1501200E - 221500S 1502000E
221234S 1502527E - 220600S 1503000E
220600S 1504500E - 213912S 1515208E
221521S 1520250E - 231318S 1531430E
245855S 1540000E - 255215S 1531926E
252205S 1525624E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
263045S 1503032E - 243810S 1502030E
231000S 1493500E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KIMBERLEY NORTH

LATERAL LIMITS: 164551S 1263346E - 135504S 1282612E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165510S 1313645E
171035S 1313000E - 190000S 1313000E
200439S 1314209E - 164551S 1263346E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KIMBERLEY SOUTH

LATERAL LIMITS: 183510S 1251942E - 174545S 1255325E
164551S 1263346E - 200439S 1314209E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 210550S 1234207E
183510S 1251942E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN A

LATERAL LIMITS: 302814S 1161803E - 312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN B

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
302814S 1161803E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN CAP

LATERAL LIMITS: 321010S 1154422E - 322351S 1152938E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
314552S 1155956E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320740S 1155850E
320948S 1155641E - 321059S 1155529E
321010S 1154422E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEONORA

LATERAL LIMITS: 291800S 1200000E - 263444S 1240000E
280346S 1241356E - 283545S 1244947E
290308S 1240116E - 301136S 1201123E
291800S 1200000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/LIGHTNING

LATERAL LIMITS: 292027S 1464641E - 290807S 1474257E
290000S 1490000E - 285621S 1491711E
301740S 1494704E - 304714S 1485813E
310853S 1482149E - 311506S 1481114E
292027S 1464641E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/LORD HOWE

LATERAL LIMITS: 304020S 1533146E - 294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 265738S 1555419E
264859S 1630000E - 331600S 1630000E
335429S 1551118E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 310750S 1531831E
304020S 1533146E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MAITLAND

LATERAL LIMITS: 324723S 1512415E - 323602S 1512351E
324049S 1513415E - 325005S 1520359E
325301S 1522631E - 333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
324723S 1512415E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MAITLAND/SYDNEY CAP

LATERAL LIMITS: 334146S 1511341E - 331205S 1511918E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
334745S 1512530E
then along the counter clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 334146S 1511341E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MANNING

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 325301S 1522631E
325005S 1520359E - 324049S 1513415E
323602S 1512351E - 304152S 1520220E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MEEKATHARRA

LATERAL LIMITS: 261500S 1120835E - 252513S 1120107E
233000S 1114417E - 233000S 1144500E
233000S 1160000E - 250000S 1160000E
250000S 1163241E - 250000S 1175056E
250000S 1201433E - 280014S 1183807E
274810S 1165509E - 274320S 1161648E
274109S 1160000E - 274044S 1154910E
273000S 1122001E - 261500S 1120835E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE TMA A

LATERAL LIMITS: A circle radius 30.00NM centre
373936S 1445032E (ML/DME)
VERTICAL LIMITS: BCTA - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MENZIES

LATERAL LIMITS: 290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E - 301136S 1201123E
290308S 1240116E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MOREE

LATERAL LIMITS: 285621S 1491711E - 283745S 1504159E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 292247S 1512706E
294903S 1511235E - 300647S 1500449E
301740S 1494704E - 285621S 1491711E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MOUNT

LATERAL LIMITS: 250000S 1201433E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E - 250000S 1201433E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MUNGO

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
330000S 1440000E - 330800S 1444200E
332045S 1450242E - 334427S 1434633E
360036S 1443158E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 385404S 1432539E
385404S 1394000E - 364000S 1394000E
362841S 1410000E - 360658S 1410000E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NAMBUCCA

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 325301S 1522631E
325005S 1520359E - 324049S 1513415E
323602S 1512351E - 322728S 1510559E
312647S 1513304E - 304152S 1520220E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWMAN

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
240000S 1180932E - 231514S 1182312E
225512S 1183000E - 220000S 1183000E
214000S 1201800E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA A

LATERAL LIMITS: 271325S 1524103E - 271047S 1525559E
265413S 1525521E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
273519S 1533835E - 272458S 1530821E
274234S 1525259E - 271325S 1524103E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA B

LATERAL LIMITS: 265413S 1525521E - 264431S 1525216E
261816S 1524725E - 255816S 1523043E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265413S 1525521E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA C

LATERAL LIMITS: 255816S 1523043E - 253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255816S 1523043E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OCEAN

LATERAL LIMITS: 325301S 1522631E - 310750S 1531831E
then along the clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 362928S 1534847E
361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OCEAN/SYDNEY CAP

LATERAL LIMITS: 334745S 1512530E - 333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
340715S 1512344E
then along the counter clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 334745S 1512530E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ONSLOW

LATERAL LIMITS: 233000S 1114417E - 215000S 1113000E
193036S 1133123E - 182055S 1164824E
193839S 1172759E - 203615S 1173921E
220445S 1174500E - 221500S 1160000E
233000S 1160000E - 233000S 1144500E
233000S 1114417E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OXLEY

LATERAL LIMITS: 334427S 1434633E - 332045S 1450242E
333700S 1452924E - 342100S 1452546E
345156S 1455200E - 350406S 1465632E
350521S 1465521E - 352230S 1463136E
360813S 1454128E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360036S 1443158E
334427S 1434633E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PARABURDOO

LATERAL LIMITS: 250000S 1160000E - 233000S 1160000E
221500S 1160000E - 220445S 1174500E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 240000S 1180932E
250000S 1175056E - 250000S 1163241E
250000S 1160000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PINGELLY

LATERAL LIMITS: 324903S 1170906E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
302814S 1161803E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
324903S 1170906E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PINGELLY CAP

LATERAL LIMITS: 321813S 1161417E - 320541S 1160505E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314552S 1155956E
312114S 1160519E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
321813S 1161417E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/PORT

LATERAL LIMITS: 193839S 1172759E - 182055S 1164824E
173711S 1184534E - 190000S 1201500E
193917S 1210744E - 214000S 1201800E
220000S 1183000E - 220445S 1174500E
203615S 1173921E - 193839S 1172759E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/RYLSTONE A

LATERAL LIMITS: 331103S 1495212E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 325523S 1500918E
330442S 1501040E - 332225S 1503157E
333003S 1501311E - 331836S 1500031E
331103S 1495212E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/RYLSTONE B

LATERAL LIMITS: 324303S 1492142E - 323339S 1493537E
322132S 1500426E - 324347S 1500738E
325523S 1500918E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 331103S 1495212E
324914S 1492824E - 324303S 1492142E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/RYLSTONE C

LATERAL LIMITS: 311506S 1481114E - 310853S 1482149E
304714S 1485813E - 301740S 1494704E
321057S 1500255E - 322132S 1500426E
322407S 1495819E - 323339S 1493537E
324303S 1492142E - 322023S 1490219E
320540S 1484951E - 311506S 1481114E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/RYLSTONE/SYDNEY CAP

LATERAL LIMITS: 333003S 1501311E - 332225S 1503157E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
333139S 1505948E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334104S 1505953E
334505S 1505400E - 334257S 1503844E
334211S 1503641E - 333741S 1502623E
333003S 1501311E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STRADDY A

LATERAL LIMITS: 262610S 1533751E - 261007S 1532543E
255215S 1531926E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
282950S 1540000E - 274436S 1540000E
273519S 1533835E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
262610S 1533751E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STRADDY B

LATERAL LIMITS: 270812S 1533818E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
270812S 1533818E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STURT NORTH

LATERAL LIMITS: 162806S 1340036E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
200247S 1364855E - 162806S 1340036E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/STURT SOUTH

LATERAL LIMITS: 212959S 1361944E - 211232S 1315506E
211104S 1315449E - 200439S 1314209E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 162806S 1340036E
200247S 1364855E - 204356S 1361402E
212959S 1361944E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY A

LATERAL LIMITS: 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
191613S 1511044E - 213912S 1515208E
220600S 1504500E - 220600S 1503000E
221234S 1502527E - 221500S 1502000E
221700S 1501200E - 221432S 1500042E
222130S 1495154E - 222848S 1493500E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
220114S 1462023E - 212657S 1454628E
203758S 1460832E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY B

LATERAL LIMITS: 222130S 1495154E - 221432S 1500042E
231000S 1493500E - 230540S 1492016E
224842S 1490924E - 222848S 1493500E
222130S 1495154E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TABLETOP A

LATERAL LIMITS: 182013S 1452946E - 173128S 1473459E
165130S 1472840E - 165817S 1510431E
184027S 1510035E - 191613S 1511044E
192201S 1482020E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TABLETOP B

LATERAL LIMITS: 181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 201158S 1445336E
192553S 1442704E - 181748S 1435032E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND HIGH

LATERAL LIMITS: 333822S 1394630E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
365730S 1394000E - 361004S 1350000E
353001S 1350000E - 353001S 1364920E
351016S 1375047E - 350227S 1381432E
then along the clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 344448S 1384224E
342756S 1385736E - 334220S 1394417E
333822S 1394630E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TASMAN

LATERAL LIMITS: 381119S 1501914E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 361336S 1522523E
362928S 1534847E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 335429S 1551118E
331600S 1630000E - 450000S 1630000E
450000S 1500000E - 443357S 1500000E
435103S 1503953E - 430000S 1510000E
381119S 1501914E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY B

LATERAL LIMITS: 122603S 1261925E - 120000S 1232000E
111605S 1241819E - 092000S 1265000E
081924S 1302716E - 094839S 1313025E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
122603S 1261925E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY NORTH

LATERAL LIMITS: 123955S 1280111E - 122603S 1261925E
102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
120335S 1315130E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
135031S 1302320E - 150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY OCEAN

LATERAL LIMITS: 122603S 1261925E - 120000S 1232000E
111605S 1241819E - 092000S 1265000E
081924S 1302716E - 094839S 1313025E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
122603S 1261925E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY SOUTH

LATERAL LIMITS: 135031S 1302320E - 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 120335S 1315130E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 135031S 1302320E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARBURTON HIGH

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO EAST

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
251204S 1470736E - 291447S 1471248E
292027S 1464641E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WARREGO NORTH

LATERAL LIMITS: 244401S 1420032E - 231000S 1404617E
220825S 1425753E - 215448S 1432845E
214342S 1435344E - 214333S 1452558E
220117S 1454751E - 225859S 1455231E
241919S 1463729E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO SOUTH

LATERAL LIMITS: 272444S 1403009E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
290000S 1442500E - 290000S 1433000E
272444S 1403009E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO WEST

LATERAL LIMITS: 261331S 1382324E - 231000S 1370050E
231000S 1404617E - 244401S 1420032E
272444S 1403009E - 261331S 1382324E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WILLIS

LATERAL LIMITS: 142518S 1450511E - 120000S 1444211E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142518S 1450511E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WOLLONGONG A

LATERAL LIMITS: 344120S 1495048E - 342025S 1502454E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345322S 1493429E
344633S 1494212E - 344607S 1494256E
344120S 1495048E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOLLONGONG B

LATERAL LIMITS: 350816S 1492006E - 345322S 1493429E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
352548S 1493833E - 354449S 1503709E
351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
363646S 1504249E
then along the clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (UXUTI/WPT) - 355125S 1484918E
354549S 1490148E - 352540S 1490337E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 351741S 1485821E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 350816S 1492006E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOLLONGONG C

LATERAL LIMITS: 354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
354449S 1503709E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WOLLONGONG/SYDNEY CAP

LATERAL LIMITS: 335433S 1505306E - 334505S 1505400E
334104S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333938S 1510033E
334146S 1511341E
then along the clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 340715S 1512344E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342025S 1502454E
342325S 1502002E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
335433S 1505306E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI A

LATERAL LIMITS: 381934S 1445353E - 380838S 1444049E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375846S 1462834E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E - 383058S 1450738E
381934S 1445353E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI B

LATERAL LIMITS: 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI C

LATERAL LIMITS: 384614S 1431550E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381934S 1445351E
383058S 1450738E - 390842S 1450734E
391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI CAP

LATERAL LIMITS: 380033S 1442323E - 374727S 1444242E
then along the counter clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 374220S 1450239E
374708S 1452708E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI D

LATERAL LIMITS: 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
391933S 1473351E
then along the clockwise arc of a circle radius 162.50NM centre
373936S 1445032E (ML/DME) - 400000S 1463549E
400000S 1451201E - 394736S 1450730E
391849S 1450733E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI E

LATERAL LIMITS: 380316S 1465314E - 380556S 1470858E
381241S 1481147E
then along the clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI F

LATERAL LIMITS: 380836S 1442149E - 380033S 1442323E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380838S 1444049E
381934S 1445353E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOOMERA EAST

LATERAL LIMITS: 300000S 1400000E - 284000S 1393000E
280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WOOMERA SOUTH

LATERAL LIMITS: 313500S 1352500E - 294337S 1331818E
290521S 1363900E - 290000S 1364951E
280000S 1380000E - 284000S 1393000E
300000S 1400000E - 303000S 1395257E
321805S 1392655E - 313500S 1390000E
313500S 1375000E - 313500S 1352500E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOOMERA WEST

LATERAL LIMITS: 294337S 1331818E - 280951S 1313652E
255307S 1325836E - 260734S 1362607E
250104S 1375016E - 261331S 1382324E
280000S 1380000E - 290000S 1364951E
290521S 1363900E - 294337S 1331818E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE A

LATERAL LIMITS: 365941S 1442423E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 371217S 1443454E
365941S 1442423E
VERTICAL LIMITS: 7500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE B

LATERAL LIMITS: 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
371217S 1443454E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
380146S 1440104E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382936S 1430048E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE CAP

LATERAL LIMITS: 374727S 1444242E - 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445204E
372936S 1445058E
then along the counter clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 374727S 1444242E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE D

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

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SECTION 11 – E AIRSPACE FREQUENCY BOUNDARIES

YMMM/AVALON EFREQUENCY 133.55A

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 1500
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON EFREQUENCY 133.55B

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.1

LATERAL LIMITS: 190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 155237S 1343314E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.15

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
115141S 1321938E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 135031S 1302320E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.2A

LATERAL LIMITS: 164200S 1262800E - 195817S 1262943E
184249S 1293258E - 172339S 1284209E
170240S 1282850E - 164200S 1262800E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.2B

LATERAL LIMITS: 160303S 1431641E - 153025S 1414329E
150000S 1400000E - 140000S 1400000E
140000S 1420000E - 124000S 1440000E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.6

LATERAL LIMITS: 190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 151831S 1410236E
190523S 1400510E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.8

LATERAL LIMITS: 272444S 1403009E - 290000S 1433000E
290000S 1442500E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
272444S 1403009E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.9

LATERAL LIMITS: 232156S 1263134E - 195817S 1262943E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 211232S 1315506E
211209S 1315024E - 231313S 1282749E
232156S 1263134E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.95

LATERAL LIMITS: 272000S 1473545E - 272000S 1494422E
281847S 1494952E - 284721S 1495848E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.55A1

LATERAL LIMITS: 224842S 1490924E - 222848S 1493500E
222130S 1495154E - 221432S 1500042E
221700S 1501200E - 221500S 1502000E
221234S 1502527E - 220600S 1503000E
220600S 1503206E - 240758S 1520048E
240923S 1515249E - 243037S 1510024E
250114S 1503818E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
224842S 1490924E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.55A2

LATERAL LIMITS: 220600S 1503206E - 220600S 1504500E
215916S 1510201E - 223410S 1513512E
235739S 1525747E - 240758S 1520048E
220600S 1503206E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 119.7

LATERAL LIMITS: 331103S 1495212E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 325523S 1500918E
330442S 1501040E - 330619S 1501237E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 331836S 1500031E
331103S 1495212E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.8

LATERAL LIMITS: 190500S 1425000E - 181748S 1435032E
184922S 1440724E - 192553S 1442704E
201158S 1445336E - 212657S 1454628E
220117S 1454751E - 215114S 1453526E
214333S 1452558E - 214342S 1435344E
190500S 1425000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.8A

LATERAL LIMITS: 181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460833E
212657S 1454628E - 201158S 1445336E
192553S 1442704E - 184922S 1440724E
181748S 1435032E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15

LATERAL LIMITS: 164542S 1441058E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
164542S 1441058E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15B

LATERAL LIMITS: 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 164542S 1441058E
164715S 1443658E
then along the counter clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164812S 1465221E
165105S 1471830E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
182013S 1452946E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15C

LATERAL LIMITS: 164812S 1465221E
then along the clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164715S 1443658E
164809S 1445236E
then along the counter clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 164625S 1463633E
164812S 1465221E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15E

LATERAL LIMITS: 165105S 1471830E - 165130S 1472840E
173128S 1473459E - 174521S 1465948E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 165105S 1471830E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.3B

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A1

LATERAL LIMITS: 182013S 1452946E - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A2

LATERAL LIMITS: 182656S 1480603E - 192125S 1484202E
192201S 1482020E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182656S 1480603E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A3

LATERAL LIMITS: 174521S 1465948E - 173128S 1473459E
180030S 1473936E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 174521S 1465948E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A4

LATERAL LIMITS: 181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460833E
212657S 1454628E - 201158S 1445336E
192553S 1442704E - 184922S 1440724E
181748S 1435032E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55B

LATERAL LIMITS: 304152S 1520220E - 304908S 1522033E
304602S 1522523E
then along the counter clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 310415S 1530553E
310916S 1530546E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.75

LATERAL LIMITS: 142014S 1233752E - 154406S 1250206E
155648S 1251500E - 164200S 1262800E
135006S 1282306E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E - 142014S 1233752E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1A

LATERAL LIMITS: 231000S 1404617E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
241919S 1463729E - 225859S 1455231E
220117S 1454751E - 214333S 1452558E
214342S 1435344E - 220825S 1425753E
231000S 1404617E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 122.1B

LATERAL LIMITS: 190000S 1313000E - 211104S 1315449E
211232S 1315506E - 212959S 1361944E
204356S 1361402E - 190114S 1374020E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1C

LATERAL LIMITS: 140000S 1420000E - 140000S 1400000E
113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 124000S 1440000E
140000S 1420000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1D

LATERAL LIMITS: 142014S 1233752E - 161105S 1205545E
181500S 1235000E - 164200S 1262800E
155648S 1251500E - 154406S 1250206E
142014S 1233752E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.2

LATERAL LIMITS: 135601S 1345250E - 131333S 1355800E
131321S 1360000E - 130048S 1375654E
130000S 1390000E - 140000S 1400000E
150000S 1400000E - 145629S 1385236E
150836S 1382042E - 154212S 1371254E
163557S 1371056E - 154648S 1363051E
144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.3A1

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
224731S 1473214E - 232000S 1480000E
231443S 1485118E - 233636S 1484303E
242045S 1491529E - 243023S 1490448E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 225859S 1455231E
220117S 1454751E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.3A2

LATERAL LIMITS: 223115S 1472809E - 225245S 1481740E
230540S 1492016E - 231000S 1493500E
234609S 1495331E - 242045S 1491529E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
223115S 1472809E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 122.4A

LATERAL LIMITS: 204356S 1361402E - 215132S 1362225E
221751S 1363807E - 231000S 1370050E
231000S 1404617E - 222926S 1401456E
213400S 1400900E - 211015S 1404228E
then along the counter clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 201440S 1404424E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E - 190114S 1374020E
204356S 1361402E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.4B

LATERAL LIMITS: 135006S 1282306E - 164200S 1262800E
170240S 1282850E - 172339S 1284209E
160030S 1301739E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135006S 1282306E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.6

LATERAL LIMITS: 150544S 1295421E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 145901S 1321037E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141015S 1324450E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 133837S 1330841E
134819S 1334000E - 135123S 1335709E
135601S 1345250E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.6B

LATERAL LIMITS: 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 130941S 1321440E
133750S 1330610E - 133837S 1330841E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
135031S 1302320E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.0

LATERAL LIMITS: 265137S 1513322E - 264115S 1510154E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
255816S 1523043E - 261816S 1524725E
263428S 1525025E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 270515S 1521528E
265137S 1513322E
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.4

LATERAL LIMITS: 095000S 1313558E - 095000S 1360000E
131321S 1360000E - 131333S 1355800E
135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 095000S 1313558E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.4A

LATERAL LIMITS: 323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 323334S 1511842E
323602S 1512351E - 324723S 1512415E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 325157S 1503839E
324243S 1503818E - 323051S 1503751E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.7

LATERAL LIMITS: 160030S 1301739E - 172339S 1284209E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 160030S 1301739E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 164542S 1441058E
164146S 1430834E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8B

LATERAL LIMITS: 164542S 1441058E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 165105S 1471830E
164812S 1465221E
then along the counter clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164715S 1443658E
164542S 1441058E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8C

LATERAL LIMITS: 164715S 1443658E
then along the clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164812S 1465221E
164625S 1463633E
then along the counter clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 164809S 1445236E
164715S 1443658E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95

LATERAL LIMITS: 213400S 1400900E - 222926S 1401456E
231000S 1404617E - 220825S 1425753E
214342S 1435344E - 190500S 1425000E
200156S 1410740E - 201440S 1404424E
then along the clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 211015S 1404228E
213400S 1400900E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95A1

LATERAL LIMITS: 252031S 1500000E - 251446S 1504849E
255704S 1512159E - 260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
252031S 1500000E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95A2

LATERAL LIMITS: 252031S 1500000E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
284721S 1495848E - 281847S 1494952E
272000S 1494422E - 270132S 1494240E
255703S 1500000E - 252031S 1500000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 123.95B

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1

LATERAL LIMITS: 135601S 1345250E - 135123S 1335709E
134819S 1334000E - 133837S 1330841E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1A1

LATERAL LIMITS: 250114S 1503818E - 243037S 1510024E
240923S 1515249E - 240758S 1520048E
250546S 1524403E - 253334S 1521015E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E - 250114S 1503818E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1A2

LATERAL LIMITS: 240758S 1520048E - 235739S 1525747E
245855S 1540000E - 250000S 1525100E
250546S 1524403E - 240758S 1520048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1C

LATERAL LIMITS: 133750S 1330610E - 130941S 1321440E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 115141S 1321938E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 133837S 1330841E
133750S 1330610E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY:

YBBB/BRISBANE EFREQUENCY 124.6B1

LATERAL LIMITS: 252205S 1525624E - 250546S 1524403E
253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.6B2

LATERAL LIMITS: 255215S 1531926E - 252205S 1525624E
250546S 1524403E - 250000S 1525100E
245855S 1540000E - 255215S 1531926E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 124.8

LATERAL LIMITS: 181500S 1235000E - 164200S 1262800E
232156S 1263134E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.8A

LATERAL LIMITS: 313715S 1503551E - 312744S 1504503E
313933S 1504242E - 320400S 1504526E
320738S 1503659E - 320502S 1503653E
315354S 1503628E - 313715S 1503551E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 124.8B

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
255045S 1473000E - 272000S 1473545E
280312S 1470518E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.8D

LATERAL LIMITS: 320400S 1504526E - 314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre
310358S 1504948E (TW/DME) - 314402S 1511359E
313602S 1510906E - 313349S 1512957E
322728S 1510559E - 322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
320738S 1503659E - 320400S 1504526E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.0

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 125.4

LATERAL LIMITS: 231000S 1370050E - 261331S 1382324E
272444S 1403009E - 244401S 1420032E
231000S 1404617E - 231000S 1370050E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.7

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
151831S 1410236E - 190523S 1400510E
190114S 1374020E - 172018S 1370918E
154212S 1371254E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 125.7C

LATERAL LIMITS: 323334S 1511842E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 325250S 1522506E
325301S 1522631E - 325528S 1522426E
330911S 1521238E - 331308S 1520913E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
330619S 1504408E - 324723S 1512415E
323602S 1512351E - 323334S 1511842E
VERTICAL LIMITS: 6500 - 8500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.7D

LATERAL LIMITS: 323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 323334S 1511842E
323602S 1512351E - 324723S 1512415E
330619S 1504408E - 330110S 1503900E
325157S 1503839E - 324243S 1503818E
323051S 1503751E
VERTICAL LIMITS: 7500 - 8500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.75

LATERAL LIMITS: 294903S 1511235E - 302619S 1514009E
302821S 1514302E - 304152S 1520220E
312647S 1513304E - 313349S 1512957E
313602S 1510906E - 312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 294903S 1511235E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 126.0

LATERAL LIMITS: 251204S 1470736E - 252729S 1483320E
251258S 1493128E - 252031S 1500000E
255703S 1500000E - 270132S 1494240E
272000S 1494422E - 272000S 1473545E
255045S 1473000E - 251204S 1470736E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 127.1

LATERAL LIMITS: 290000S 1490000E - 282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 302504S 1505226E
304857S 1504946E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
312744S 1504503E - 313715S 1503551E
315354S 1503628E - 320000S 1501800E
322023S 1490219E - 320540S 1484951E
311506S 1481114E - 305846S 1475856E
292027S 1464641E - 290807S 1474257E
290000S 1490000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.5

LATERAL LIMITS: 155237S 1343314E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
180000S 1350000E - 155237S 1343314E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.55A

LATERAL LIMITS: 204343S 1470135E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 201425S 1475702E
205938S 1482430E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
221534S 1490901E - 223515S 1492643E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
204343S 1470135E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.55B

LATERAL LIMITS: 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 204343S 1470135E
223115S 1472809E - 220114S 1462023E
212657S 1454628E - 203758S 1460832E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6A

LATERAL LIMITS: 332139S 1520152E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 343513S 1515819E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
332139S 1520152E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6B

LATERAL LIMITS: 330911S 1521238E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 344527S 1521138E
343513S 1515819E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 332139S 1520152E
330911S 1521238E
VERTICAL LIMITS: 8500 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6C

LATERAL LIMITS: 325301S 1522631E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
344527S 1521138E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330911S 1521238E
325301S 1522631E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6D

LATERAL LIMITS: 315455S 1525531E
then along the clockwise arc of a circle radius 150.00NM centre
335638S 1511057E (SY/DME) - 361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
345904S 1522928E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 325301S 1522631E
315455S 1525531E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.6E

LATERAL LIMITS: 325528S 1522426E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 331014S 1521345E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 331309S 1520913E
330911S 1521238E - 325528S 1522426E
VERTICAL LIMITS: 6500 - 8500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 129.85

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 129.85B

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 130.1

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 130.4

LATERAL LIMITS: 281911S 1522238E - 280625S 1523350E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 132.35

LATERAL LIMITS: 324728S 1512414E - 323602S 1512351E
324049S 1513415E - 325005S 1520359E
325301S 1522631E - 332139S 1520152E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330213S 1512117E
324728S 1512414E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 133.05A

LATERAL LIMITS: 331836S 1500031E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330619S 1501237E
330442S 1501040E - 325524S 1500919E
324347S 1500738E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
324243S 1503818E - 325157S 1503839E
330110S 1503900E - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
VERTICAL LIMITS: 6500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 133.05B

LATERAL LIMITS: 324303S 1492142E - 323732S 1492953E
323339S 1493537E - 322132S 1500426E
320738S 1503659E - 323051S 1503751E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 324347S 1500738E
325523S 1500918E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 331103S 1495212E
324914S 1492824E - 324303S 1492142E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 133.05C

LATERAL LIMITS: 322023S 1490219E - 320000S 1501800E
315354S 1503628E - 320502S 1503653E
320738S 1503659E - 322132S 1500426E
323339S 1493537E - 323732S 1492953E
324303S 1492142E - 322023S 1490219E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.2

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285102S 1525725E
285431S 1525630E - 291811S 1525355E
then along the counter clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292335S 1534831E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304908S 1522033E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.2A

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285102S 1525725E
285431S 1525630E - 291811S 1525355E
then along the counter clockwise arc of a circle radius 75.00NM centre
281008S 1533014E (CG/DME) - 292335S 1534831E
300954S 1533828E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.3A

LATERAL LIMITS: 262610S 1533751E - 261007S 1532543E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
282950S 1540000E - 274436S 1540000E
274406S 1535850E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263925S 1533759E
262610S 1533751E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.3B

LATERAL LIMITS: 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
293925S 1534506E
then along the counter clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 271312S 1544854E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
245855S 1540000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.2

LATERAL LIMITS: 261816S 1524725E - 253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
255215S 1531926E - 261007S 1532543E
262610S 1533751E - 263925S 1533759E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263428S 1525025E
261816S 1524725E
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.3A1

LATERAL LIMITS: 243023S 1490448E - 242045S 1491529E
252030S 1500007E - 252031S 1500000E
251258S 1493128E - 243023S 1490448E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.3A2

LATERAL LIMITS: 242045S 1491529E - 234609S 1495331E
243810S 1502030E - 251446S 1504849E
252030S 1500007E - 242045S 1491529E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A1

LATERAL LIMITS: 201425S 1475702E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
220600S 1503206E - 220600S 1503000E
221234S 1502527E - 221500S 1502000E
221700S 1501200E - 221432S 1500042E
222130S 1495154E - 222848S 1493500E
223515S 1492643E - 221534S 1490901E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
205938S 1482430E - 201425S 1475702E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A2

LATERAL LIMITS: 192201S 1482020E - 192125S 1484202E
194456S 1485743E - 192406S 1482008E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A3

LATERAL LIMITS: 194456S 1485743E - 215916S 1510201E
220600S 1504500E - 220600S 1503206E
203857S 1493041E - 194456S 1485743E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.6

LATERAL LIMITS: 264115S 1510154E - 270515S 1521528E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 280200S 1523427E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 280625S 1523350E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART EFREQUENCY 125.55

LATERAL LIMITS: 423612S 1464828E - 424001S 1465337E
424640S 1470330E - 424840S 1471848E
425158S 1472133E - 425718S 1473140E
431807S 1480130E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8

LATERAL LIMITS: 411959S 1463636E - 413139S 1470031E
414154S 1470452E - 414346S 1470428E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8B

LATERAL LIMITS: 412727S 1472505E - 411740S 1474721E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414600S 1473816E
412727S 1472505E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8C

LATERAL LIMITS: 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
414600S 1473816E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8D

LATERAL LIMITS: 415126S 1464135E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
415456S 1470207E
then along the counter clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 415823S 1465212E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.2

LATERAL LIMITS: 314125S 1174140E - 311007S 1202403E
321857S 1203917E - 344956S 1201722E
335400S 1183100E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 314125S 1174140E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.4

LATERAL LIMITS: 291800S 1200000E - 263444S 1240000E
280346S 1241356E - 283545S 1244947E
290308S 1240116E - 301136S 1201123E
291800S 1200000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 118.5

LATERAL LIMITS: 332222S 1482227E - 331037S 1484019E
325958S 1485623E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334042S 1494909E
334703S 1493534E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
340250S 1492244E - 340626S 1490857E
341702S 1482730E - 332222S 1482227E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.5A

LATERAL LIMITS: 325958S 1485623E - 332222S 1482227E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
323809S 1481522E - 323814S 1483942E
325958S 1485623E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.6

LATERAL LIMITS: 350500S 1432612E - 360152S 1442325E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
352230S 1463136E - 350521S 1465521E
350406S 1465632E - 345156S 1455200E
342100S 1452546E - 333700S 1452924E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 350500S 1432612E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 118.6A

LATERAL LIMITS: 193839S 1172759E - 182055S 1164824E
173711S 1184534E - 190000S 1201500E
193917S 1210744E - 214000S 1201800E
220000S 1183000E - 220445S 1174500E
203615S 1173921E - 193839S 1172759E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.95

LATERAL LIMITS: 280014S 1183807E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 119.5A

LATERAL LIMITS: 280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
284000S 1393000E - 280000S 1380000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 119.5A1

LATERAL LIMITS: 345856S 1474034E - 345149S 1475032E
350505S 1482507E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 355158S 1484804E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360042S 1471715E
355027S 1475048E
then along the counter clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 352030S 1471204E
354811S 1470028E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
354336S 1462655E - 352714S 1464707E
351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 119.5A2

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
345149S 1475032E - 345856S 1474034E
then along the counter clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 351644S 1471148E
352714S 1464707E - 354336S 1462655E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 119.8

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.3

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E - 325436S 1171906E
335400S 1183100E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.3B

LATERAL LIMITS: 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 325616S 1145418E
322351S 1152938E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 120.7A

LATERAL LIMITS: 280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
261331S 1382324E - 280000S 1380000E
290000S 1364951E - 290521S 1363900E
294337S 1331818E - 280951S 1313652E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7B

LATERAL LIMITS: 400000S 1454701E - 400000S 1465800E
402805S 1470214E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 405533S 1460200E
400000S 1454701E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7C

LATERAL LIMITS: 412440S 1455046E - 412930S 1461800E
410504S 1460436E - 410400S 1460419E
411959S 1463636E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
412440S 1455046E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7D

LATERAL LIMITS: 405533S 1460200E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 402805S 1470214E
403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
404505S 1463607E
then along the counter clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 410613S 1460845E
410400S 1460419E - 405533S 1460200E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 120.75

LATERAL LIMITS: 373510S 1475846E - 373000S 1490000E
380000S 1490000E - 380000S 1502312E
365643S 1504503E - 354449S 1503709E
352548S 1493833E - 353327S 1492531E
354549S 1490148E - 360704S 1481400E
372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 121.2A

LATERAL LIMITS: 290521S 1363900E - 290000S 1364951E
280000S 1380000E - 284000S 1393000E
300000S 1400000E - 303000S 1395257E
321805S 1392655E - 313500S 1390000E
313500S 1375000E - 301422S 1380000E
290521S 1363900E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 121.2B

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 302644S 1155010E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E - 300000S 1124356E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 121.85

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.0

LATERAL LIMITS: 313500S 1352500E - 294337S 1331818E
290521S 1363900E - 301422S 1380000E
313500S 1375000E - 313500S 1352500E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.1

LATERAL LIMITS: 350500S 1412138E - 350500S 1432612E
330000S 1433100E - 332034S 1403410E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 350500S 1412138E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.1D

LATERAL LIMITS: 261500S 1120835E - 233000S 1114417E
233000S 1144500E - 233000S 1160000E
250000S 1160000E - 261500S 1143313E
261500S 1120835E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4A

LATERAL LIMITS: 302814S 1161803E - 305247S 1161211E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324514S 1150624E
330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4B

LATERAL LIMITS: 300013S 1134939E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
302814S 1161803E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4C

LATERAL LIMITS: 193036S 1133123E - 182055S 1164824E
193839S 1172759E - 203615S 1173921E
220445S 1174500E - 221500S 1160000E
233000S 1160000E - 233000S 1144500E
213000S 1144500E - 193036S 1133123E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4D

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4E

LATERAL LIMITS: 305247S 1161211E - 310730S 1160839E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323411S 1151826E
324514S 1150624E
then along the clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 305247S 1161211E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6

LATERAL LIMITS: 321805S 1392655E - 303000S 1395257E
303000S 1410000E - 303000S 1420000E
310000S 1424844E - 314754S 1433100E
330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6A

LATERAL LIMITS: 403000S 1410000E - 403000S 1450000E
400000S 1450000E - 394736S 1450730E
400002S 1451202E - 405950S 1453416E
412440S 1455046E - 411800S 1451500E
411800S 1410000E - 403000S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6B

LATERAL LIMITS: 274320S 1161648E - 250000S 1163241E
250000S 1201433E - 280014S 1183807E
274320S 1161648E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6C

LATERAL LIMITS: 400002S 1451202E - 400000S 1454701E
405533S 1460200E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 410041S 1455742E
410400S 1460419E - 410504S 1460436E
412930S 1461800E - 412440S 1455046E
405950S 1453416E - 400002S 1451202E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6D

LATERAL LIMITS: 405533S 1460200E - 410400S 1460419E
410041S 1455742E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 405533S 1460200E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05A

LATERAL LIMITS: 354540S 1381803E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354057S 1390022E
355410S 1390908E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 360012S 1381315E
354540S 1381803E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05B

LATERAL LIMITS: 362422S 1380512E - 360012S 1381315E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 355410S 1390908E
361610S 1392351E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 362422S 1380512E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05C

LATERAL LIMITS: 353001S 1364920E - 351527S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 361610S 1392351E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
353001S 1364920E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.4

LATERAL LIMITS: 250000S 1175056E - 240000S 1180932E
240000S 1191000E - 225700S 1193658E
223000S 1213000E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.4A

LATERAL LIMITS: 310215S 1172130E - 302017S 1182634E
291800S 1200000E - 293808S 1200415E
294829S 1200627E - 301136S 1201123E
313731S 1203004E - 314307S 1200000E
315745S 1174321E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.5

LATERAL LIMITS: 305120S 1320000E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
330000S 1320000E - 305120S 1320000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75A

LATERAL LIMITS: 365113S 1445303E - 362404S 1452346E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
375041S 1454532E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
365113S 1445303E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75B

LATERAL LIMITS: 370150S 1463300E - 365604S 1464323E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
380101S 1464053E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 370150S 1463300E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75C

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9

LATERAL LIMITS: 340014S 1172142E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 340014S 1172142E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9A

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 123.9A1

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
311506S 1481114E - 320540S 1484951E
322023S 1490219E - 324303S 1492142E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
314002S 1464609E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9B

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391848S 1450733E
394736S 1450730E - 400000S 1450000E
403000S 1450000E - 403000S 1410000E
385404S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 123.9D

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
311506S 1481114E - 320540S 1484951E
322023S 1490219E - 324303S 1492142E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
324857S 1461901E - 314002S 1464609E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.95

LATERAL LIMITS: 411800S 1410000E - 411800S 1451500E
412440S 1455046E - 421022S 1462144E
422231S 1463007E - 423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 434348S 1455148E
424756S 1422850E - 422100S 1410000E
411800S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0A1

LATERAL LIMITS: 372642S 1462949E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372100S 1464112E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 124.0A2

LATERAL LIMITS: 371730S 1465303E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
373000S 1490000E - 380000S 1490000E
380000S 1502312E - 381119S 1501914E
400000S 1503354E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0B

LATERAL LIMITS: 383640S 1461848E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 380101S 1464053E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0C

LATERAL LIMITS: 372100S 1464112E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
380101S 1464053E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 372100S 1464112E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.3A

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 353534S 1411548E
352614S 1402806E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.5

LATERAL LIMITS: 273000S 1122001E - 261500S 1120835E
261500S 1143313E - 250000S 1160000E
250000S 1163241E - 274320S 1161648E
274109S 1160000E - 273000S 1122001E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.8

LATERAL LIMITS: 302644S 1155010E - 274044S 1154910E
274109S 1160000E - 280014S 1183807E
280853S 1184525E - 291800S 1200000E
302017S 1182634E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.9

LATERAL LIMITS: 295353S 1424054E - 291518S 1431611E
314002S 1464609E - 324857S 1461901E
325711S 1461543E - 331136S 1453123E
333700S 1452924E - 332045S 1450242E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 314754S 1433100E
310000S 1424844E - 295353S 1424054E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.9B

LATERAL LIMITS: 325616S 1145418E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 330001S 1165534E
340014S 1172142E - 351052S 1151743E
341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
325616S 1145418E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.0A

LATERAL LIMITS: 344607S 1494256E - 344120S 1495048E
342625S 1501511E - 342325S 1502002E
342025S 1502454E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 343917S 1505325E
351237S 1500019E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 344607S 1494256E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 125.0B

LATERAL LIMITS: 354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
354449S 1503709E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.0C

LATERAL LIMITS: 343917S 1505325E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E - 351237S 1500019E
343917S 1505325E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2A

LATERAL LIMITS: 302814S 1161803E - 291930S 1163413E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 302017S 1182634E
310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2B

LATERAL LIMITS: 361928S 1454154E - 354336S 1462655E
355401S 1464239E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360940S 1463928E
362740S 1461033E
then along the counter clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 364828S 1464817E
362006S 1465850E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 361452S 1475610E
370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 372100S 1464112E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
361605S 1453242E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2C

LATERAL LIMITS: 365604S 1464323E - 361452S 1475610E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371731S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 365604S 1464323E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2D

LATERAL LIMITS: 360813S 1454128E - 353633S 1461620E
354336S 1462655E - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2E

LATERAL LIMITS: 370150S 1463300E - 365604S 1464323E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372100S 1464112E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 370150S 1463300E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2F

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A1

LATERAL LIMITS: 340550S 1392022E - 334643S 1393950E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 361610S 1392351E
355410S 1390908E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340550S 1392022E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A2

LATERAL LIMITS: 334643S 1393950E - 334220S 1394417E
330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
361610S 1392351E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A3

LATERAL LIMITS: 341716S 1390838E - 340550S 1392022E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 355410S 1390908E
354057S 1390022E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 125.35

LATERAL LIMITS: 291518S 1431611E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
314002S 1464609E - 291518S 1431611E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.4

LATERAL LIMITS: 324903S 1170906E - 324945S 1171021E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
314307S 1200000E - 313731S 1203004E
321857S 1203917E - 344956S 1201722E
340014S 1172142E - 330001S 1165534E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.55B

LATERAL LIMITS: 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415823S 1465212E
then along the counter clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 421555S 1462534E
421022S 1462144E - 420607S 1461849E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.55C

LATERAL LIMITS: 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420246S 1475019E
415226S 1474253E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.7B

LATERAL LIMITS: 250000S 1160000E - 221500S 1160000E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 250000S 1175056E
250000S 1160000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.75

LATERAL LIMITS: 320000S 1203503E - 301136S 1201123E
290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.8

LATERAL LIMITS: 364000S 1394000E - 385404S 1394000E
385404S 1410000E - 385404S 1432539E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 350500S 1412138E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.9

LATERAL LIMITS: 322545S 1350201E - 333500S 1371600E
334758S 1372117E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.9C

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
213000S 1144500E - 233000S 1144500E
233000S 1114417E - 215000S 1113000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 126.5

LATERAL LIMITS: 290000S 1410000E - 280121S 1413747E
290000S 1433000E - 291518S 1431611E
295353S 1424054E - 310000S 1424844E
303000S 1420000E - 303000S 1410000E
290000S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 126.5A

LATERAL LIMITS: 395142S 1472453E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 423000S 1505529E
430000S 1510000E - 435103S 1503953E
433115S 1492130E - 433839S 1473136E
432550S 1473136E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E - 415306S 1481156E
411433S 1483807E - 395142S 1472453E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 126.5B

LATERAL LIMITS: 402805S 1470214E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 403536S 1475406E
404423S 1474749E
then along the counter clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404505S 1463607E
404009S 1463414E
then along the clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 403304S 1470259E
402805S 1470214E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 126.5C

LATERAL LIMITS: 400000S 1465800E - 400002S 1472109E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 395142S 1472453E
411433S 1483807E - 415306S 1481156E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
403536S 1475406E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 402805S 1470214E
400000S 1465800E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05

LATERAL LIMITS: 351526S 1373454E - 352056S 1371751E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 351526S 1373454E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05A

LATERAL LIMITS: 352056S 1371751E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 352056S 1371751E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05B

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 128.15

LATERAL LIMITS: 225512S 1183000E - 220000S 1183000E
214000S 1201800E - 223000S 1213000E
225700S 1193658E - 240000S 1191000E
240000S 1180932E - 231514S 1182312E
225512S 1183000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 128.4

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
340250S 1492244E - 342812S 1491631E
then along the counter clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 343731S 1492047E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 350505S 1482507E
345149S 1475032E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 129.8

LATERAL LIMITS: 340250S 1492244E - 335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344120S 1495048E
344607S 1494256E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 342812S 1491631E
340250S 1492244E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 130.3

LATERAL LIMITS: 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 395142S 1472453E
384400S 1462740E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 130.3B

LATERAL LIMITS: 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
395142S 1472453E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E - 400000S 1454701E
400002S 1451202E - 394736S 1450730E
391849S 1450733E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 130.9

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 132.7

LATERAL LIMITS: 330000S 1290000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 305120S 1320000E
330000S 1320000E - 330000S 1290000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.2

LATERAL LIMITS: 321857S 1203917E - 320000S 1203503E
320000S 1235018E - 325136S 1240000E
350427S 1250010E - 350000S 1201551E
344956S 1201722E - 321857S 1203917E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.8

LATERAL LIMITS: 291930S 1163413E - 274810S 1165509E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 302017S 1182634E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.9

LATERAL LIMITS: 310730S 1160839E - 305247S 1161211E
then along the clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324042S 1165407E
323216S 1163906E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 310730S 1160839E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.9A

LATERAL LIMITS: 305247S 1161211E - 302814S 1161803E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
324903S 1170906E - 324042S 1165407E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 305247S 1161211E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.2A

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
330000S 1290000E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.2B

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 274109S 1160000E
274810S 1165509E - 291930S 1163413E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 300013S 1134939E
300000S 1124356E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325A

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325B

LATERAL LIMITS: 382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382434S 1431149E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 134.5

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
223000S 1213000E - 214000S 1201800E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.65

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3A

LATERAL LIMITS: 383640S 1461848E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 380101S 1464053E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3B

LATERAL LIMITS: 382407S 1445921E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 375041S 1454532E
375846S 1462834E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 382407S 1445921E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3C

LATERAL LIMITS: 390842S 1450734E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3D

LATERAL LIMITS: 380033S 1442323E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380838S 1444049E
382407S 1445921E - 383058S 1450738E
390842S 1450734E - 391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 380033S 1442323E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.45

LATERAL LIMITS: 352614S 1402806E - 353534S 1411548E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352614S 1402806E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.8

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
311007S 1202403E - 314125S 1174140E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH EFREQUENCY 135.25B

LATERAL LIMITS: 322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

SECTION 12 – FLIGHT INFORMATION AREAS

Within Australian FIR the Flight Information Service for operations in uncontrolled airspace is organised on the basis of Flight Information Areas. Within each FIR, FIS is provided by the Air Traffic Service Unit servicing the appropriate FIA.

YMMM/ADELAIDE CENTRE 130.45

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.1

LATERAL LIMITS: 165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 155237S 1343314E
180000S 1350000E - 190000S 1313000E
171035S 1313000E - 165510S 1313645E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.15

LATERAL LIMITS: 120335S 1315130E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
135031S 1302320E - 150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
120335S 1315130E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.2

LATERAL LIMITS: 164200S 1262800E - 195817S 1262943E
184249S 1293258E - 172339S 1284209E
170240S 1282850E - 164200S 1262800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.2C

LATERAL LIMITS: 160303S 1431641E - 153025S 1414329E
150000S 1400000E - 140000S 1400000E
140000S 1420000E - 124000S 1440000E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.6

LATERAL LIMITS: 190523S 1400510E - 151831S 1410236E
153025S 1414329E - 160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 190500S 1425000E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.8

LATERAL LIMITS: 272444S 1403009E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
290000S 1442500E - 290000S 1433000E
272444S 1403009E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.9

LATERAL LIMITS: 195817S 1262943E - 184249S 1293258E
190000S 1300000E - 190000S 1313000E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232156S 1263134E
195817S 1262943E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.95

LATERAL LIMITS: 272000S 1473545E - 272000S 1494422E
281847S 1494952E - 284721S 1495848E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.5

LATERAL LIMITS: 274706S 1524949E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
274436S 1540000E - 282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.55A

LATERAL LIMITS: 230540S 1492016E - 224842S 1490924E
222848S 1493500E - 222130S 1495154E
221432S 1500042E - 221700S 1501200E
221500S 1502000E - 221234S 1502527E
220600S 1503000E - 220600S 1504500E
213912S 1515208E - 221521S 1520250E
231318S 1531430E - 235130S 1533048E
235739S 1525747E - 240758S 1520048E
240923S 1515249E - 243037S 1510024E
250114S 1503818E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.8

LATERAL LIMITS: 214342S 1435344E - 190500S 1425000E
181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.15

LATERAL LIMITS: 181748S 1435032E - 165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
164858S 1450709E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171334S 1451518E
181748S 1435032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.3A

LATERAL LIMITS: 290527S 1525416E
then along the clockwise arc of a circle radius 15.00NM centre
285228S 1530254E - 283751S 1525856E
283517S 1531135E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 293445S 1534607E
293339S 1533120E
then along the counter clockwise arc of a circle radius 50.00NM centre
301910S 1530716E (CFS/DME) - 293133S 1524919E
292911S 1523329E - 290527S 1525416E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.3B

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.55A

LATERAL LIMITS: 304152S 1520220E - 304908S 1522033E
304040S 1523347E
then along the counter clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 305514S 1530605E
310916S 1530546E - 310807S 1531823E
324310S 1523129E - 324435S 1521924E
then along the counter clockwise arc of a circle radius 25.00NM centre
324749S 1514959E (SALUS/WPT) - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.55B

LATERAL LIMITS: 182013S 1452946E - 174521S 1465948E
173128S 1473459E - 165130S 1472840E
165817S 1510431E - 184027S 1510035E
191613S 1511044E - 192201S 1482020E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192238S 1451042E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.75

LATERAL LIMITS: 122603S 1261925E - 142014S 1233752E
154406S 1250206E - 155648S 1251500E
164200S 1262800E - 135006S 1282306E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.2

LATERAL LIMITS: 142027S 1454949E - 154045S 1454704E
then along the counter clockwise arc of a circle radius 70.00NM centre
165101S 1454438E (CS/DME) - 160822S 1444643E
162907S 1451448E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142027S 1454949E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.2A

LATERAL LIMITS: 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 271200S 1523635E
271325S 1524103E - 274234S 1525259E
274413S 1525155E - 275324S 1524511E
285842S 1514737E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.3

LATERAL LIMITS: 142518S 1450511E - 120000S 1444211E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142518S 1450511E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 140000S 1420000E - 140000S 1400000E
113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 124000S 1440000E
140000S 1420000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 122.1

LATERAL LIMITS: 190000S 1313000E - 211104S 1315449E
211232S 1315506E - 212959S 1361944E
204356S 1361402E - 190114S 1374020E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 142014S 1233752E - 161105S 1205545E
181500S 1235000E - 164200S 1262800E
155648S 1251500E - 154406S 1250206E
142014S 1233752E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 231000S 1404617E - 220825S 1425753E
214342S 1435344E - 214333S 1452558E
220117S 1454751E - 225859S 1455231E
241919S 1463729E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
231000S 1404617E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.2

LATERAL LIMITS: 135601S 1345250E - 131333S 1355800E
131321S 1360000E - 130048S 1375654E
130000S 1390000E - 140000S 1400000E
150000S 1400000E - 145629S 1385236E
150836S 1382042E - 154212S 1371254E
163557S 1371056E - 154648S 1363051E
144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.3

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 234609S 1495331E
243023S 1490448E - 251258S 1493128E
252729S 1483320E - 251204S 1470736E
225859S 1455231E - 220117S 1454751E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 122.4

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
201440S 1404424E
then along the clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 211015S 1404228E
213400S 1400900E - 222926S 1401456E
231000S 1404617E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
204356S 1361402E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.4

LATERAL LIMITS: 135006S 1282306E - 164200S 1262800E
170240S 1282850E - 172339S 1284209E
160030S 1301739E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135006S 1282306E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.6

LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 125456S 1314753E
133750S 1330610E - 134819S 1334000E
135123S 1335709E - 135601S 1345250E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 135031S 1302320E
132217S 1303407E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.6A

LATERAL LIMITS: 292911S 1523329E - 293133S 1524919E
then along the clockwise arc of a circle radius 50.00NM centre
301910S 1530716E (CFS/DME) - 293339S 1533120E
293445S 1534607E - 304020S 1533146E
310807S 1531823E - 310916S 1530546E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
304908S 1522033E - 304152S 1520220E
292911S 1523329E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.4

LATERAL LIMITS: 095000S 1360000E - 131321S 1360000E
131333S 1355800E - 135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 095000S 1313558E
095000S 1360000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.7

LATERAL LIMITS: 160030S 1301739E - 172339S 1284209E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 160030S 1301739E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.8

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 151918S 1434103E
162907S 1451448E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164858S 1450709E
164146S 1430834E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95

LATERAL LIMITS: 201440S 1404424E - 190500S 1425000E
214342S 1435344E - 220825S 1425753E
231000S 1404617E - 222926S 1401456E
213400S 1400900E - 211015S 1404228E
then along the counter clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 201440S 1404424E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95A1

LATERAL LIMITS: 252031S 1500000E - 251446S 1504849E
255704S 1512159E - 260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
252031S 1500000E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95A2

LATERAL LIMITS: 252031S 1500000E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
284721S 1495848E - 281847S 1494952E
272000S 1494422E - 270132S 1494240E
255703S 1500000E - 252031S 1500000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 123.95B

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.1

LATERAL LIMITS: 135601S 1345250E - 135123S 1335709E
134819S 1334000E - 133750S 1330610E
125456S 1314753E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 120335S 1315130E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.1A

LATERAL LIMITS: 255704S 1512159E - 250114S 1503818E
243037S 1510024E - 240923S 1515249E
240758S 1520048E - 235739S 1525747E
235130S 1533048E - 245855S 1540000E
250000S 1525100E - 250546S 1524403E
253334S 1521015E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6

LATERAL LIMITS: 181748S 1435032E - 171334S 1451518E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6A1

LATERAL LIMITS: 260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
250546S 1524403E - 252205S 1525624E
255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
260151S 1512821E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6A2

LATERAL LIMITS: 255215S 1531926E - 252205S 1525624E
250546S 1524403E - 250000S 1525100E
245855S 1540000E - 255215S 1531926E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 124.8

LATERAL LIMITS: 181500S 1235000E - 164200S 1262800E
232156S 1263134E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.8A

LATERAL LIMITS: 312744S 1504503E - 311451S 1504736E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 311349S 1505536E
313602S 1510906E - 313349S 1512957E
322728S 1510559E - 322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323051S 1503751E
320502S 1503653E - 315354S 1503628E
313715S 1503551E - 312744S 1504503E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 124.8B

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
255045S 1473000E - 272000S 1473545E
280312S 1470518E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.0

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 125.4

LATERAL LIMITS: 261331S 1382324E - 231000S 1370050E
231000S 1404617E - 244401S 1420032E
272444S 1403009E - 261331S 1382324E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.7

LATERAL LIMITS: 271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 125.7A

LATERAL LIMITS: 331422S 1505212E - 330110S 1503900E
323051S 1503751E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 323602S 1512351E
then along the clockwise arc of a circle radius 25.00NM centre
324749S 1514959E (SALUS/WPT) - 324435S 1521924E
324310S 1523129E - 325301S 1522631E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.7B

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
151831S 1410236E - 190523S 1400510E
190114S 1374020E - 172018S 1370918E
154212S 1371254E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.75

LATERAL LIMITS: 302504S 1505226E - 294903S 1511235E
302619S 1514009E - 304152S 1520220E
312647S 1513304E - 313349S 1512957E
313602S 1510906E - 311349S 1505536E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 310553S 1510225E
305459S 1504906E - 302504S 1505226E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 126.0

LATERAL LIMITS: 251204S 1470736E - 252729S 1483320E
251258S 1493128E - 252031S 1500000E
255703S 1500000E - 270132S 1494240E
272000S 1494422E - 272000S 1473545E
255045S 1473000E - 251204S 1470736E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 126.8

LATERAL LIMITS: 291933S 1512853E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283517S 1531135E
283751S 1525856E
then along the counter clockwise arc of a circle radius 15.00NM centre
285228S 1530254E - 290527S 1525416E
292911S 1523329E - 291933S 1512853E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 127.1

LATERAL LIMITS: 290000S 1490000E - 282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 302504S 1505226E
305459S 1504906E - 310553S 1510225E
then along the clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 311451S 1504736E
312744S 1504503E - 313715S 1503551E
315354S 1503628E - 320000S 1501800E
322023S 1490219E - 320540S 1484951E
311506S 1481114E - 305846S 1475856E
292027S 1464641E - 290807S 1474257E
290000S 1490000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 128.5

LATERAL LIMITS: 155237S 1343314E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
180000S 1350000E - 155237S 1343314E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 128.55

LATERAL LIMITS: 212657S 1454628E - 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 201425S 1475702E
205938S 1482430E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
221534S 1490901E - 223515S 1492643E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
220114S 1462023E - 212657S 1454628E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 128.6

LATERAL LIMITS: 325301S 1522631E - 310750S 1531831E
then along the clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 362928S 1534847E
361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 129.0

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 133.05

LATERAL LIMITS: 322023S 1490219E - 320000S 1501800E
315354S 1503628E - 320502S 1503653E
323053S 1503751E - 330110S 1503900E
331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
331103S 1495213E - 324914S 1492824E
324303S 1492142E - 322023S 1490219E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.2

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
292911S 1523329E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.3

LATERAL LIMITS: 255215S 1531926E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
282950S 1540000E - 274436S 1540000E
273519S 1533835E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
262610S 1533751E - 261007S 1532543E
255215S 1531926E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.65

LATERAL LIMITS: 151918S 1434103E - 160822S 1444643E
then along the clockwise arc of a circle radius 70.00NM centre
165101S 1454438E (CS/DME) - 154045S 1454704E
142027S 1454949E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 151918S 1434103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 135.3

LATERAL LIMITS: 243023S 1490448E - 234609S 1495331E
243810S 1502030E - 251446S 1504849E
252031S 1500000E - 251258S 1493128E
243023S 1490448E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 135.5A

LATERAL LIMITS: 201425S 1475702E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
191613S 1511044E - 213912S 1515208E
215916S 1510201E - 220600S 1504500E
220600S 1503000E - 221234S 1502527E
221500S 1502000E - 221700S 1501200E
221432S 1500042E - 222130S 1495154E
222848S 1493500E - 223515S 1492643E
221534S 1490901E - 211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
205938S 1482430E - 201425S 1475702E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS APPROACH 126.1

LATERAL LIMITS: A circle radius 36.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA APPROACH 124.5

LATERAL LIMITS: 345226S 1491140E - 345200S 1493214E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354041S 1491140E
345226S 1491140E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA APPROACH 125.9

LATERAL LIMITS: 350920S 1483619E - 345232S 1490600E
345226S 1491140E - 354041S 1491140E
354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 350920S 1483619E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CENTRE 125.55

LATERAL LIMITS: 422231S 1463007E - 421022S 1462144E
420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E - 421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
422231S 1463007E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CENTRE 123.8

LATERAL LIMITS: A circle radius 30.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.4

LATERAL LIMITS: 301136S 1201123E - 291800S 1200000E
263444S 1240000E - 280346S 1241356E
283545S 1244947E - 290308S 1240116E
301136S 1201123E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.6

LATERAL LIMITS: 330000S 1433100E - 350500S 1432612E
360152S 1442325E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
352230S 1463136E - 350521S 1465521E
350406S 1465632E - 345156S 1455200E
342100S 1452546E - 333700S 1452924E
330800S 1444200E - 330000S 1440000E
330000S 1433100E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 118.6A

LATERAL LIMITS: 182055S 1164824E - 173711S 1184534E
190000S 1201500E - 193917S 1210744E
214000S 1201800E - 220000S 1183000E
220445S 1174500E - 203615S 1173921E
193839S 1172759E - 182055S 1164824E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95

LATERAL LIMITS: 280014S 1183807E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95A1

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95A2

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 119.5

LATERAL LIMITS: 280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
284000S 1393000E - 280000S 1380000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 119.5B

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 119.8

LATERAL LIMITS: 221058S 1301335E - 234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 260734S 1362607E
250104S 1375016E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 211232S 1315506E
211209S 1315024E - 221058S 1301335E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.3

LATERAL LIMITS: 325616S 1145418E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 325616S 1145418E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.3B

LATERAL LIMITS: 324903S 1170906E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
303803S 1161543E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 120.7A

LATERAL LIMITS: 280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
261331S 1382324E - 280000S 1380000E
290000S 1364951E - 290521S 1363900E
294337S 1331818E - 280951S 1313652E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.7B

LATERAL LIMITS: 400000S 1454701E - 400000S 1465800E
403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
404505S 1463607E - 410300S 1464300E
410921S 1464739E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
412440S 1455046E - 412930S 1461800E
410504S 1460436E - 400000S 1454701E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 120.75

LATERAL LIMITS: 372237S 1474033E - 360704S 1481400E
354549S 1490148E - 353327S 1492531E
352548S 1493833E - 354449S 1503709E
365643S 1504503E - 380000S 1502312E
380000S 1490000E - 373000S 1490000E
373510S 1475846E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 121.2A

LATERAL LIMITS: 290000S 1364951E - 280000S 1380000E
284000S 1393000E - 300000S 1400000E
303000S 1395257E - 321805S 1392655E
313500S 1390000E - 313500S 1375000E
301422S 1380000E - 290521S 1363900E
290000S 1364951E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 121.2B

LATERAL LIMITS: 344120S 1495048E - 342625S 1501511E
342325S 1502002E - 342025S 1502454E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345322S 1493429E
344633S 1494212E - 344607S 1494256E
344120S 1495048E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 121.2C

LATERAL LIMITS: 273000S 1122001E - 274044S 1154910E
302644S 1155010E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E - 300000S 1124356E
273000S 1122001E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 121.85

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.0

LATERAL LIMITS: 294337S 1331818E - 290521S 1363900E
301422S 1380000E - 313500S 1375000E
313500S 1352500E - 294337S 1331818E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.1

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
350500S 1432612E - 350500S 1412138E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.1D

LATERAL LIMITS: 261500S 1120835E - 233000S 1114417E
233000S 1144500E - 233000S 1160000E
250000S 1160000E - 261500S 1143313E
261500S 1120835E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4B

LATERAL LIMITS: 365113S 1445303E - 361605S 1453242E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
361207S 1455112E - 363045S 1454137E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 375448S 1460718E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4B1

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4C

LATERAL LIMITS: 213000S 1144500E - 193036S 1133123E
182055S 1164824E - 193839S 1172759E
203615S 1173921E - 220445S 1174500E
221500S 1160000E - 233000S 1160000E
233000S 1144500E - 213000S 1144500E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4D

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4E

LATERAL LIMITS: 330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
303646S 1155014E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303803S 1161543E
312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6

LATERAL LIMITS: 411800S 1410000E - 403000S 1410000E
403000S 1450000E - 400000S 1450000E
394736S 1450730E - 400002S 1451202E
400000S 1454701E - 410504S 1460436E
412930S 1461800E - 412440S 1455046E
411800S 1451500E - 411800S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6

LATERAL LIMITS: 274320S 1161648E - 250000S 1163241E
250000S 1201433E - 280014S 1183807E
274320S 1161648E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6A

LATERAL LIMITS: 321805S 1392655E - 303000S 1395257E
303000S 1410000E - 303000S 1420000E
310000S 1424844E - 314754S 1433100E
330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.05

LATERAL LIMITS: 353001S 1350000E - 353001S 1364920E
351016S 1375047E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 352836S 1385213E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35A

LATERAL LIMITS: 375533S 1452236E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375448S 1460718E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 381343S 1442049E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381247S 1443617E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 380505S 1452930E
375533S 1452236E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35B

LATERAL LIMITS: 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
380836S 1442149E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35C

LATERAL LIMITS: 381343S 1442049E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4A

LATERAL LIMITS: 250000S 1175056E - 240000S 1180932E
240000S 1191000E - 225700S 1193658E
223000S 1213000E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4B

LATERAL LIMITS: 310215S 1172130E - 302017S 1182634E
291800S 1200000E - 293808S 1200415E
294829S 1200627E - 301136S 1201123E
313731S 1203004E - 314307S 1200000E
315745S 1174321E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4C

LATERAL LIMITS: 310812S 1171207E - 310215S 1172130E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
315854S 1173135E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 310812S 1171207E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.5

LATERAL LIMITS: 305120S 1320000E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
330000S 1320000E - 305120S 1320000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 123.9

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
311506S 1481114E - 320540S 1484951E
322023S 1490219E - 324303S 1492142E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
324857S 1461901E - 314002S 1464609E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9A

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9B

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391848S 1450733E
394736S 1450730E - 400000S 1450000E
403000S 1450000E - 403000S 1410000E
385404S 1410000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9C

LATERAL LIMITS: 351052S 1151743E - 340014S 1172142E
344956S 1201722E - 350000S 1201551E
364312S 1200000E - 362500S 1164000E
351052S 1151743E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.95

LATERAL LIMITS: 422100S 1410000E - 411800S 1410000E
411800S 1451500E - 412440S 1455046E
421022S 1462144E - 422231S 1463007E
423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 434348S 1455148E
424756S 1422850E - 422100S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 124.0A

LATERAL LIMITS: 385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
373000S 1490000E - 380000S 1490000E
380000S 1502312E - 381119S 1501914E
400000S 1503354E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
385515S 1471954E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.1A

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E - 335844S 1494650E
340520S 1500537E - 340739S 1501216E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the counter clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 342325S 1502002E
342625S 1501511E - 344120S 1495048E
344607S 1494256E - 344633S 1494212E
345322S 1493429E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 350920S 1483619E
345149S 1475032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.3

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 353534S 1411548E
352614S 1402806E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.5

LATERAL LIMITS: 273000S 1122001E - 261500S 1120835E
261500S 1143313E - 250000S 1160000E
250000S 1163241E - 274320S 1161648E
274109S 1160000E - 273000S 1122001E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.8

LATERAL LIMITS: 302644S 1155010E - 274044S 1154910E
274109S 1160000E - 280014S 1183807E
280853S 1184525E - 291800S 1200000E
302017S 1182634E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.8B

LATERAL LIMITS: 302644S 1155010E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
310812S 1171207E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303646S 1155014E
302644S 1155010E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.9

LATERAL LIMITS: 295353S 1424054E - 291518S 1431611E
314002S 1464609E - 324857S 1461901E
325711S 1461543E - 331136S 1453123E
333700S 1452924E - 332045S 1450242E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 314754S 1433100E
310000S 1424844E - 295353S 1424054E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.9B

LATERAL LIMITS: 335447S 1134859E - 330337S 1144613E
325616S 1145418E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 330001S 1165534E
340014S 1172142E - 351052S 1151743E
341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.2

LATERAL LIMITS: 360813S 1454128E - 353633S 1461620E
355401S 1464239E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 363045S 1454137E
361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.2A

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.3

LATERAL LIMITS: 334220S 1394417E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
352836S 1385213E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342756S 1385736E
334220S 1394417E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 125.35

LATERAL LIMITS: 291518S 1431611E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
314002S 1464609E - 291518S 1431611E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.4

LATERAL LIMITS: 315745S 1174321E - 314307S 1200000E
313731S 1203004E - 320000S 1203503E
321857S 1203917E - 344956S 1201722E
340014S 1172142E - 330001S 1165534E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.4B

LATERAL LIMITS: 315854S 1173135E - 315745S 1174321E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
324903S 1170906E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 315854S 1173135E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.7

LATERAL LIMITS: 250000S 1160000E - 221500S 1160000E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 250000S 1175056E
250000S 1160000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.75

LATERAL LIMITS: 320000S 1203503E - 301136S 1201123E
290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.8

LATERAL LIMITS: 360658S 1410000E - 362841S 1410000E
364000S 1394000E - 385404S 1394000E
385404S 1410000E - 385404S 1432539E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 350500S 1412138E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.9

LATERAL LIMITS: 322545S 1350201E - 325942S 1350800E
335023S 1342334E - 344618S 1350000E
353001S 1350000E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.9C

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
213000S 1144500E - 221500S 1144500E
233000S 1144500E - 233000S 1114417E
215000S 1113000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 126.5

LATERAL LIMITS: 400000S 1465800E - 403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
410300S 1464300E - 410921S 1464739E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 433115S 1492130E
435103S 1503953E - 430000S 1510000E
423000S 1505529E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 126.5

LATERAL LIMITS: 303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
291518S 1431611E - 295353S 1424054E
310000S 1424844E - 303000S 1420000E
303000S 1410000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8A

LATERAL LIMITS: 382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
365113S 1445303E - 370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8B

LATERAL LIMITS: 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 127.05A

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: 9500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 128.15

LATERAL LIMITS: 240000S 1180932E - 231514S 1182312E
225512S 1183000E - 220000S 1183000E
214000S 1201800E - 223000S 1213000E
225700S 1193658E - 240000S 1191000E
240000S 1180932E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 130.3

LATERAL LIMITS: 394736S 1450730E - 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E - 400000S 1454701E
400002S 1451202E - 394736S 1450730E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 130.9

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 132.7

LATERAL LIMITS: 330000S 1290000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 305120S 1320000E
330000S 1320000E - 330000S 1290000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 133.2

LATERAL LIMITS: 321857S 1203917E - 320000S 1203503E
320000S 1235018E - 325136S 1240000E
350427S 1250010E - 350000S 1201551E
344956S 1201722E - 321857S 1203917E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.2

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
330000S 1290000E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.325A

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.325B

LATERAL LIMITS: 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 134.5

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
223000S 1213000E - 214000S 1201800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.65

LATERAL LIMITS: 325711S 1461543E - 324857S 1461901E
325607S 1480326E - 332313S 1474517E
342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
325711S 1461543E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 135.25

LATERAL LIMITS: 332313S 1474517E - 325607S 1480326E
323809S 1481522E - 323814S 1483942E
325958S 1485623E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 333003S 1501311E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 340520S 1500537E
335844S 1494650E - 335940S 1493450E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.3A

LATERAL LIMITS: 390842S 1450734E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.3B

LATERAL LIMITS: 380907S 1443338E - 381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381934S 1445353E
383058S 1450738E - 391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.45

LATERAL LIMITS: 352614S 1402806E - 353534S 1411548E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352614S 1402806E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.7

LATERAL LIMITS: 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375533S 1452236E
380505S 1452930E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
380033S 1442323E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25A

LATERAL LIMITS: 314823S 1154906E - 314829S 1154909E
314909S 1154910E - 314926S 1154910E
315006S 1154911E - 315055S 1154923E
315119S 1154923E - 315458S 1154855E
315820S 1154737E - 320041S 1154721E
320302S 1155136E
then along the clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320515S 1154925E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314823S 1154906E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25B

LATERAL LIMITS: 320851S 1154155E
then along the clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320554S 1161547E
320644S 1160902E - 320541S 1160505E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320515S 1154925E
then along the counter clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320442S 1155608E
320456S 1160005E - 320541S 1160505E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320740S 1155851E
320948S 1155641E - 320851S 1154155E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25C

LATERAL LIMITS: 320851S 1154155E - 320948S 1155641E
321059S 1155529E - 321010S 1154422E
320851S 1154155E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25D

LATERAL LIMITS: 321329S 1154047E
then along the clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321556S 1161015E
320554S 1161547E
then along the counter clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320851S 1154155E
321329S 1154047E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25E

LATERAL LIMITS: 320851S 1154155E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320740S 1155851E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320644S 1160902E - 320554S 1161547E
321556S 1161015E - 321335S 1160503E
321349S 1155652E - 321329S 1154047E
320851S 1154155E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25F

LATERAL LIMITS: 321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
321329S 1154047E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25G

LATERAL LIMITS: 322351S 1152938E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
321556S 1161015E
then along the counter clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321329S 1154047E
322351S 1152938E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CENTRE 124.55

LATERAL LIMITS: 333003S 1501311E - 331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342025S 1502454E
342325S 1502002E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341704S 1501558E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 341046S 1501313E
then along the clockwise arc of a circle radius 50.00NM centre
335638S 1511057E (SY/DME) - 340739S 1501216E
340520S 1500537E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 333003S 1501311E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE APPROACH 126.8

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: AS SPECIFIED BY AIP

CONTROLLING AUTHORITY: Dept of Defence - RAAF

SECTION 13 – SPECIAL USE AIRSPACE

AIRSPACE NAME

Airspace is named according to the general commonly known geographic region, e.g. **R237 WOOMERA**.
Where a more specific name is required, that name will be placed after the regional name in brackets, e.g. **R736 TOWNSVILLE (STAR)**, where "Star" is the name of a property in that region.

SPECIAL USE AIRSPACE (SUA) CONTACT DETAILS

Refer ERSA for all SUA contact phone numbers.

ACRONYM LEGEND

ACFR	Australian Centre for Field Robotics, Sydney University
AD OPR	Aerodrome Operator
AFHQ	Air Force Headquarters
ANSTO	Australian Nuclear Science & Technology Organisation
AsA	AirServices Australia
BCP	Base Command Post
CASA OAR	Civil Aviation Safety Authority, Office of Airspace Regulation
CSIG	Corporate Services & Infrastructure Group
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DEFENCE	Department of Defence (Switchboard)
DO	Duty Officer
DOTAM	Directorate of Operations and Training Area Management
DS	Defence Support
EODF	Explosive Ordnance Defence Flight
FLT	Flight
FLTCDR	Flight Commander
GBRMPA	Great Barrier Reef Marine Park Authority
HQ	Headquarters
HRL	Hunter River Lancers
JACC	Joint Airspace Control Cell
MHQ	Maritime Headquarters
MOA	Military Operating Area
NDTAM	Non Defence Training Area Manager
OC	Officer Commanding
OIC	Officer In Charge
OPSO	Operations Officer
OPS WO	Operations Warrant Officer
RAAF	Royal Australian Air Force
RCO	Range Control Organisation
RSU	Radar Support Unit
SRPSU	School of Radio Physics, Sydney University
WTF	Weapons Training Flight
WTO	Weapons Training Officer

RESTRICTED AREA (RA) STATUS LEGEND

Conditional RA Status

In order to assist with shared use of airspace, all restricted areas have been allocated an 'RA Status'. This status will give an indication as to the likelihood of obtaining a clearance to fly through restricted airspace. NOTAM may be issued to indicate changes to the RA Status; which should be checked prior to flight planning.

Conditional RA1: Pilots may flight plan through the Restricted Area and under normal circumstances expect a clearance from ATC.

Conditional RA2: Pilots must not flight plan through the Restricted Area unless on a route specified in ERSA GEN FPR or under agreement with the Controlling Authority, however a clearance from ATC is not assured. Other tracking may be offered through the Restricted Area on a tactical basis.

Conditional RA3: Pilots must not flight plan through the Restricted Area and clearances will not be available.

MILITARY OPERATING AREAS

MOA are a subset of Danger Areas. They are primarily established outside Australian territory in Australian-administered airspace for use by the Australian Defence Force for military training and exercises. Outside Australian territory, only Australian aircraft are restricted from entering MOA unless they have Administering Authority approval. Within Australian territory, both foreign registered and Australian aircraft are restricted from entering MOA unless they have Administering Authority approval. It is highly recommended that foreign registered aircraft make appropriate safety contact with the relevant Administering Authority if they choose to enter an active MOA outside Australian territory.

RESTRICTED AREAS

YMMM/R122 NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.00NM centre 214900S 1140930E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: MSCSPO NCS Harold E Holt

YMMM/R124 NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 1.00NM centre 222002S 1140240E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: MSCSPO NCS Harold E Holt

YMMM/R125A NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.85NM centre 215325S 1140708E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1SSU

YMMM/R125B NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 4.55NM centre 215325S 1140708E
VERTICAL LIMITS: 1500 - FL135
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1SSU

YMMM/R125C NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.55NM centre 215325S 1140708E
VERTICAL LIMITS: FL135 - FL200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1SSU

YMMM/R129 BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311420S 1161914E - 311420S 1162032E 311526S 1162032E - 311526S 1161914E 311420S 1161914E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Bindoon

YMMM/R131A YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 3.00NM centre 290246S 1152040E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131B YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 6.00NM centre 290246S 1152040E
VERTICAL LIMITS: 5000 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131C YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 9.00NM centre 290246S 1152040E
VERTICAL LIMITS: 10000 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131D YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 13.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL150 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131E YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 16.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL250 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131F YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 20.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL350 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131G YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 23.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL450 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R134A BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311648S 1161430E - 310800S 1161430E
310800S 1162300E - 312217S 1162300E
312217S 1161650E - 312036S 1161542E
311648S 1161542E - 311648S 1161430E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Bindoon

YMMM/R134B BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311400S 1161430E - 310800S 1161430E
310800S 1162300E - 311400S 1162300E
311400S 1161430E
VERTICAL LIMITS: SFC - 9000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Bindoon

YMMM/R134C BINDOON
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 312036S 1161224E - 311648S 1161224E
311648S 1161542E - 312036S 1161542E
312036S 1161224E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Bindoon

YMMM/R134D BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 312036S 1161224E - 311648S 1161224E
311648S 1161542E - 312036S 1161542E
312036S 1161224E
VERTICAL LIMITS: 4000 - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Bindoon

YMMM/R135 LAVERTON
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre 281900S 1225030E
VERTICAL LIMITS: SFC - 8200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YMMM/R140 GARDEN ISLAND
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre 321036S 1154018E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Navy HMAS Stirling

YMMM/R153A PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 314551S 1155949E - 314406S 1160237E
313938S 1160423E
then along the clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 314435S 1161314E
314513S 1161225E - 314815S 1160552E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314551S 1155949E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153B PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 313938S 1160423E - 313550S 1160555E
then along the clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 314153S 1161642E
314435S 1161314E
then along the counter clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 313938S 1160423E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153C PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 313550S 1160555E - 312234S 1161112E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 313057S 1162708E
313313S 1162749E - 314153S 1161642E
then along the counter clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 313550S 1160555E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153D PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 312234S 1161112E - 305947S 1162011E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310200S 1162642E
310458S 1162625E
then along TOODYAY/BINDI BINDI RD 4 - 312403S 1163001E
then along TOODYAY/BINDI BINDI RD 5 - 312727S 1162604E
313057S 1162708E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312234S 1161112E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R155A PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 314722S 1155043E - 314543S 1154602E
then along 2NM LAN & PARL TO COT STH - 312556S 1153532E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312234S 1161112E
314406S 1160237E - 314551S 1155949E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314722S 1155043E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R155B PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 312556S 1153532E
then along 2NM LAN & PARL TO COT NTH - 310405S 1152336E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 305947S 1162011E
312234S 1161112E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312556S 1153532E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R156 PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 8 - 303839S 1150455E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 303117S 1163119E
305947S 1162011E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310608S 1151935E
then along 2NM SEAWARD & PARL TO COT 9 - 304024S 1150543E
VERTICAL LIMITS: 4000 - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R163 PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 315231S 1152240E - 315246S 1152456E
314543S 1154602E - 314722S 1155043E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314823S 1154906E
315714S 1153626E
then along the counter clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320107S 1153702E
320927S 1153932E
then along W COAST GARDEN ISLAND - 321329S 1154047E
321451S 1154124E - 322232S 1153930E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 315231S 1152240E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R179 PEARCE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 313450S 1154820E - 313450S 1155600E
314140S 1155700E - 314300S 1155230E
314140S 1155020E - 313450S 1154820E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R184 LANCELIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 1.50NM centre
305254S 1151612E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Navy HMAS Stirling

YMMM/R189 STIRLING
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321451S 1154124E - 322232S 1153930E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
320927S 1153932E
then along W COAST GARDEN ISLAND - 321329S 1154047E
321451S 1154124E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Navy HMAS Stirling

YBBB/R203A KANGAROO FLAT
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124530S 1304851E - 124530S 1305157E
124653S 1305157E
then along LITCHFIELD PARK RD - 124953S 1304952E
124953S 1304703E - 124622S 1304703E
124623S 1304851E - 124530S 1304851E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: MON-FRI 2000-1300 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Kangaroo Flat

YBBB/R203B KANGAROO FLAT
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124530S 1304851E - 124530S 1305157E
124653S 1305157E
then along LITCHFIELD PARK RD - 124953S 1304952E
124953S 1304703E - 124622S 1304703E
124623S 1304851E - 124530S 1304851E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Kangaroo Flat

YBBB/R211 DELAMERE
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
153541S 1315631E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R212 DELAMERE
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
154043S 1315458E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R215 PINE GAP
CONDITIONAL STATUS: RA3
SATELLITE TRACKING FACILITY
LATERAL LIMITS: A circle radius 2.50NM centre
234821S 1334410E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Australian Chief of Security

YMMM/R221 BUCKLAND PARK
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 1.00NM centre
343724S 1382748E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R222A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303000S 1360000E - 300240S 1360000E
301500S 1362800E - 303000S 1363000E
303000S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305120S 1360000E - 303000S 1360000E
303000S 1363000E - 305120S 1363717E
305120S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 310800S 1360000E - 305120S 1360000E
305120S 1363717E - 310844S 1363722E
then along the counter clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 311500S 1364000E
311500S 1361700E - 311104S 1361502E
then along RAILWAY LINE - 310800S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222D WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 312316S 1362108E - 311500S 1361700E
311500S 1364000E
then along the counter clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 310950S 1370035E
313453S 1370035E
then along the clockwise arc of a circle radius 28.00NM centre
310839S 1364901E - 312316S 1362108E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222E WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303000S 1363000E - 301500S 1362800E
303054S 1364650E - 305115S 1370035E
then along the counter clockwise arc of a circle radius 20.00NM centre
310839S 1364901E - 305120S 1363717E
303000S 1363000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222F WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 310844S 1363722E - 305120S 1363717E
then along the clockwise arc of a circle radius 20.00NM centre
310839S 1364901E - 305115S 1370035E
310950S 1370035E
then along the clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 310844S 1363722E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222G WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305029S 1352000E - 295800S 1352000E
295800S 1354700E - 300240S 1360000E
310342S 1360000E
then along 4NM NTH OF RAILWAY1 - 305029S 1352000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222H WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303813S 1342200E - 290700S 1342200E
292000S 1343900E - 293300S 1352000E
305029S 1352000E
then along 4NM NTH OF RAILWAY2 - 303813S 1342200E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222I WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303005S 1330000E - 283322S 1330000E
290700S 1342200E - 303813S 1342200E
then along 4NM NTH OF RAILWAY3 - 303005S 1330000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222J WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 295400S 1313000E - 280800S 1313000E
280800S 1320000E - 283322S 1330000E
303005S 1330000E
then along 4NM NTH OF RAILWAY4 - 302549S 1321536E
300500S 1320000E - 295400S 1313000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222K WOOMERA
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 275000S 1320000E - 280800S 1320000E
280800S 1313000E - 295400S 1313000E
300500S 1320000E - 302549S 1321536E
282536S 1234456E - 272935S 1234456E
263014S 1245809E - 275000S 1320000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222L WOOMERA
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 280143S 1260624E - 282357S 1252844E
282340S 1245731E - 281908S 1244432E
280535S 1241847E - 280758S 1240434E
274335S 1240412E - 271400S 1242135E
265937S 1245125E - 270014S 1251839E
264914S 1254022E - 264939S 1260353E
270908S 1262819E - 280143S 1260624E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R224A MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125507S 1314106E - 125806S 1314301E
130020S 1314521E - 130722S 1315029E
130918S 1315227E - 131023S 1315230E
131023S 1320420E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
then along ARNHEM HWY 1 - 125128S 1314701E
125505S 1314701E - 125507S 1314106E
VERTICAL LIMITS: SFC - FL195
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Mt Bundey

YBBB/R224B MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125507S 1314106E - 125806S 1314301E
130020S 1314521E - 130722S 1315029E
130918S 1315227E - 131023S 1315230E
131023S 1320420E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
then along ARNHEM HWY 1 - 125128S 1314701E
125505S 1314701E - 125507S 1314106E
VERTICAL LIMITS: FL195 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Mt Bundey

YBBB/R225A TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132524S 1310000E
140000S 1310000E - 140000S 1301941E
132217S 1303407E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225B TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132524S 1310000E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 131821S 1312342E
140000S 1315249E - 140000S 1310000E
132524S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225C TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1301941E - 140000S 1310000E
153359S 1310000E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 15 - 152600S 1295820E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 140000S 1301941E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225D TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1310000E - 140000S 1315249E
141033S 1320014E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 150122S 1322130E
161141S 1322236E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
then along VICTORIA HWY 5 - 153359S 1310000E
140000S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225E TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 152600S 1295820E
then along THE VICTORIA RIVER 15 - 152416S 1300511E
then along THE VICTORIA RIVER 7 - 152326S 1301423E
then along THE VICTORIA RIVER 6 - 152224S 1301445E
then along THE VICTORIA RIVER 5 - 152159S 1301609E
then along THE VICTORIA RIVER 4 - 153136S 1302222E
then along THE VICTORIA RIVER 5 5 - 153615S 1302348E
then along the clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153545S 1302927E
then along THE VICTORIA RIVER 3 - 153513S 1303151E
then along THE VICTORIA RIVER 2 - 153712S 1304005E
then along THE VICTORIA RIVER 1 - 153210S 1304753E
153359S 1310000E - 163849S 1310000E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 152600S 1295820E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225F TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 153359S 1310000E
then along VICTORIA HWY 5 - 153432S 1310225E
then along the counter clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 161141S 1322236E
170153S 1322236E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 163849S 1310000E
153359S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R226A TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140511S 1323808E - 133417S 1325639E
141210S 1340318E - 150655S 1333041E
144128S 1325147E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 140511S 1323808E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R226B TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150655S 1333041E - 141210S 1340318E
144216S 1345658E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 154855S 1343535E
150655S 1333041E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R228A MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 123920S 1313244E - 124812S 1320930E
132005S 1323153E - 132005S 1315030E
124813S 1312803E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 123920S 1313244E
VERTICAL LIMITS: 5000 - FL270
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R228B MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132005S 1315030E - 132005S 1323153E
133417S 1325639E - 140511S 1323808E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 140202S 1321509E
132005S 1315030E
VERTICAL LIMITS: FL120 - FL180
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R231 ADELAIDE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 342608S 1380833E - 344727S 1382426E
then along the counter clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 345708S 1381806E
345809S 1374742E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342608S 1380833E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: JO 2230 - 1030 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/R232 DELAMERE
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 22.00NM centre
154019S 1315258E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R233A EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R233B EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R234 EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344337S 1383127E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
then along THE KAPUNDA RAILWAY - 343140S 1384441E
343358S 1384241E - 343643S 1384104E
then along the counter clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343753S 1384341E
343654S 1384818E - 344214S 1384245E
344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R235 ALICE SPRINGS
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 4.00NM centre
225854S 1342652E
VERTICAL LIMITS: SFC - 7000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YMMM/R237 WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 275000S 1335000E - 283400S 1335000E
290700S 1342200E - 280800S 1320000E
275000S 1320000E - 275000S 1335000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R238 TINDAL WEDGE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150122S 1322130E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141033S 1320014E
150122S 1322130E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R241 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 170146S 1294313E - 170153S 1322236E
180000S 1322236E - 180000S 1313548E
170146S 1294313E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R244 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131821S 1312342E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
130327S 1304117E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R245 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131821S 1312342E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
130327S 1304117E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R246A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 290700S 1345700E - 284300S 1351000E
284300S 1354500E - 290700S 1361951E
290700S 1345700E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R246B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 292000S 1343900E - 290700S 1342200E
290700S 1361951E - 291800S 1363600E
295800S 1365053E - 295800S 1352000E
293300S 1352000E - 292000S 1343900E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R246C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 300240S 1360000E - 295800S 1354700E
295800S 1365053E - 301932S 1365859E
302530S 1364805E
then along the counter clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 303054S 1364650E
301500S 1362800E - 300240S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R247 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 131821S 1312342E
140000S 1315249E - 140000S 1310000E
153359S 1310000E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 15 - 152600S 1295820E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 132217S 1303407E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R248 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 152600S 1295820E
then along THE VICTORIA RIVER 15 - 152416S 1300511E
then along THE VICTORIA RIVER 7 - 152326S 1301423E
then along THE VICTORIA RIVER 6 - 152224S 1301445E
then along THE VICTORIA RIVER 5 - 152159S 1301609E
then along THE VICTORIA RIVER 4 - 153136S 1302222E
then along THE VICTORIA RIVER 5 5 - 153615S 1302348E
then along the clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153545S 1302927E
then along THE VICTORIA RIVER 3 - 153513S 1303151E
then along THE VICTORIA RIVER 2 - 153712S 1304005E
then along THE VICTORIA RIVER 1 - 153210S 1304753E
153359S 1310000E
then along VICTORIA HWY 5 - 153432S 1310225E
then along the counter clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 161141S 1322236E
170153S 1322236E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 152600S 1295820E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R249A TINDAL
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 141912S 1323909E
then along the clockwise arc of a circle radius 20.00NM centre
143116S 1322240E - 141111S 1322155E
142114S 1322205E
then along the clockwise arc of a circle radius 10.00NM centre
143116S 1322240E - 142506S 1323049E
141912S 1323909E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R249B TINDAL
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: A circle radius 30.00NM centre
143116S 1322240E
VERTICAL LIMITS: 2500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R250 TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1310000E - 140000S 1315249E
141033S 1320014E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 150122S 1322130E
161141S 1322236E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
then along VICTORIA HWY 5 - 153359S 1310000E
140000S 1310000E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R251 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130138S 1311204E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 125647S 1311957E
134145S 1320313E - 140202S 1321509E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141033S 1320014E
130138S 1311204E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R252A PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150122S 1322130E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 144128S 1325147E
165917S 1325125E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
161141S 1322236E - 150122S 1322130E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R252B PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 180000S 1325147E - 180000S 1322236E
170153S 1322236E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165917S 1325125E
180000S 1325147E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R253 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 143432S 1290013E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
170146S 1294313E - 164430S 1291048E
161640S 1285943E - 143432S 1290013E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R254 NORTH EAST ROCK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 350700S 1363737E - 350700S 1362143E
then along the clockwise arc of a circle radius 7.00NM centre
350430S 1362940E - 350700S 1363737E
VERTICAL LIMITS: NOTAM - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R255 EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343222S 1382708E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
then along THE KAPUNDA RAILWAY - 343140S 1384441E
then along THE ROSEWORTHY/WASLEY RAILWAY - 342821S 1384052E
342842S 1383335E - 343209S 1382839E
343222S 1382708E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R259A MIDDLEBACK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324745S 1370920E - 324757S 1371030E
324634S 1371102E
then along WHYALLA IRON KNOB RD1 - 325133S 1371758E
325045S 1372139E - 325141S 1372647E
325838S 1372815E - 330034S 1371746E
325626S 1371748E - 325732S 1370836E
324916S 1370854E - 324745S 1370920E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R259B MIDDLEBACK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324745S 1370920E - 324757S 1371030E
324634S 1371102E
then along WHYALLA IRON KNOB RD1 - 325133S 1371758E
325045S 1372139E - 325141S 1372647E
325838S 1372815E - 330034S 1371746E
325626S 1371748E - 325732S 1370836E
324916S 1370854E - 324745S 1370920E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R260A WHYALLA
CONDITIONAL STATUS: RA1
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 325838S 1372815E - 325141S 1372647E
325157S 1372850E - 325129S 1373009E
325628S 1373116E - 325637S 1373026E
325838S 1372815E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R260B WHYALLA
CONDITIONAL STATUS: RA1
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 325838S 1372815E - 325141S 1372647E
325157S 1372850E - 325129S 1373009E
325628S 1373116E - 325637S 1373026E
325838S 1372815E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R265A EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344337S 1383127E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
344214S 1384245E - 344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265B EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341208S 1385847E
342139S 1385353E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342011S 1382231E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265C EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 340756S 1381815E - 335329S 1381315E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265D EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 332959S 1380512E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 332705S 1392503E
334220S 1394417E - 340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 335329S 1381315E
332959S 1380512E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265E EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342139S 1385353E - 341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265F EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342139S 1385353E - 341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/R268 KOOLENDONG
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 151610S 1295044E - 144755S 1295658E
then along FITZMAURICE RIVER 3 - 144748S 1300644E
then along FITZMAURICE RIVER 4 - 145006S 1301119E
then along FITZMAURICE RIVER 5 - 145210S 1302252E
then along FITZMAURICE RIVER 6 - 145110S 1303119E
then along FITZMAURICE RIVER 7 - 144929S 1303753E
145536S 1304523E - 145537S 1304546E
then along YAMBARRAN RANGE 2 - 145608S 1304335E
then along YAMBARRAN RANGE 1 2 - 145401S 1303742E
then along YAMBARRAN RANGE 1 3 - 145851S 1303447E
then along YAMBARRAN RANGE 1 4 - 150549S 1303413E
then along YAMBARRAN RANGE 1 5 - 150815S 1303328E
then along YAMBARRAN RANGE 1 6 - 151042S 1302930E
then along YAMBARRAN RANGE 1 7 - 151331S 1302854E
then along YAMBARRAN RANGE 1 8 - 151737S 1302739E
then along YAMBARRAN RANGE 1 9 - 151431S 1302210E
then along YAMBARRAN RANGE 1 10 - 151829S 1301832E
then along YAMBARRAN RANGE 1 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 8 - 152611S 1295738E
then along THE VICTORIA RIVER 9 - 152050S 1295209E
then along THE VICTORIA RIVER 10 - 151610S 1295044E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO BFTA

YBBB/R269 ANGALARRI NORTH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 145537S 1304546E - 145543S 1310000E
151201S 1310000E
then along THE IKYMBON RIVER - 151148S 1305552E
then along THE ANGALARRI/IKYMBON RIVERS 1 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along YAMBARRAN RANGE 1 - 151829S 1301832E
then along YAMBARRAN RANGE 1 10 - 151431S 1302210E
then along YAMBARRAN RANGE 1 9 - 151737S 1302739E
then along YAMBARRAN RANGE 1 8 - 151331S 1302854E
then along YAMBARRAN RANGE 1 7 - 151042S 1302930E
then along YAMBARRAN RANGE 1 6 - 150815S 1303328E
then along YAMBARRAN RANGE 1 5 - 150549S 1303413E
then along YAMBARRAN RANGE 1 4 - 145851S 1303447E
then along YAMBARRAN RANGE 1 3 - 145401S 1303742E
then along YAMBARRAN RANGE 1 2 - 145608S 1304335E
then along YAMBARRAN RANGE 2 - 145537S 1304546E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO BFTA

YBBB/R270 ANGALARRI SOUTH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 152105S 1304752E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE ANGALARRI/IKYMBON RIVERS 1 - 151148S 1305552E
then along THE IKYMBON RIVER - 151201S 1310000E
152105S 1310000E - 152105S 1304752E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO BFTA

YMMM/R273 WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 305115S 1370035E - 305200S 1372400E
311150S 1372126E
then along the clockwise arc of a circle radius 28.00NM centre
310839S 1364901E - 313453S 1370035E
305115S 1370035E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R275 WOOMERA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.50NM centre
310812S 1364748E
VERTICAL LIMITS: SFC - 2100
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R276A DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124426S 1303742E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 124920S 1304639E
130328S 1304117E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 125551S 1302741E
124426S 1303742E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R276B DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125551S 1302741E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130328S 1304117E
134106S 1302655E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 132616S 1300054E
125551S 1302741E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R276C DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 135638S 1293400E - 132616S 1300054E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 134106S 1302655E
141844S 1301230E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 135638S 1293400E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R276D DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 143432S 1290013E - 135638S 1293400E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 141844S 1301230E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143432S 1290013E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YMMM/R279 EDINBURGH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352144S 1363321E - 351808S 1365248E
then along COAST/YORKE PENINSULA 1 - 351344S 1365923E
then along COAST/YORKE PENINSULA 2 - 351429S 1370904E
then along COAST/YORKE PENINSULA 3 - 351001S 1371848E
then along COAST/YORKE PENINSULA 4 - 350815S 1373520E
then along COAST/YORKE PENINSULA 5 - 350728S 1374419E
then along COAST/YORKE PENINSULA 6 - 350101S 1374530E
then along COAST/YORKE PENINSULA 7 - 345812S 1374605E
345738S 1380331E
then along the counter clockwise arc of a circle radius 23.00NM centre
345649S 1383128E (AD/DME) - 350502S 1380519E
353527S 1372333E
then along COAST/KANGAROO IS 5 - 353719S 1371231E
then along COAST/KANGAROO IS 4 - 353924S 1370629E
then along COAST/KANGAROO IS 3 - 354025S 1365932E
then along COAST/KANGAROO IS 2 - 354124S 1365212E
then along COAST KANGAROO IS 7 7 - 354319S 1364313E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352144S 1363321E
VERTICAL LIMITS: SFC - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R281 LAKE HART
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
310300S 1362800E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R286 PINE LEA
CONDITIONAL STATUS: RA3
EXPLOSIVES STORAGE
LATERAL LIMITS: A circle radius 1.00NM centre
343534S 1393945E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Safework SA Govt

YMMM/R287A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R287B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: 2000 - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R287C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R290A MURRAY BRIDGE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350900S 1392000E - 350400S 1392000E
350400S 1393000E - 350900S 1393000E
350900S 1392000E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: DLY 2130-1330 EXC PH (1HR EARLIER HDS)
or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Murray Bridge

YMMM/R290B MURRAY BRIDGE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350900S 1392000E - 350400S 1392000E
350400S 1393000E - 350900S 1393000E
350900S 1392000E
VERTICAL LIMITS: 4000 - 7500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Murray Bridge

YMMM/R292A PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342706S 1380830E - 341330S 1380830E
341330S 1381159E
then along PORT WAKEFIELD RD - 341957S 1381615E
342518S 1381606E - 342715S 1381329E
342706S 1380830E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292B PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 341330S 1380830E - 341330S 1381159E
then along PORT WAKEFIELD RD - 341957S 1381615E
342518S 1381606E - 342715S 1381329E
342706S 1380830E - 341330S 1380830E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292C PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342547S 1381527E - 342930S 1381630E
342930S 1380830E - 342706S 1380830E
342715S 1381329E - 342547S 1381527E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292D PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342930S 1381630E - 343400S 1381800E
343400S 1380830E - 342930S 1380830E
342930S 1381630E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292E PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342400S 1380330E - 341330S 1380330E
341330S 1380830E - 342400S 1380830E
342400S 1380330E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292F PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342400S 1380330E - 342927S 1380330E
343400S 1380630E - 343400S 1380830E
342400S 1380830E - 342400S 1380330E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R302A CULTANA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324046S 1374004E - 323356S 1373834E
323241S 1374022E - 323309S 1374300E
324049S 1374644E - 324046S 1374004E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R302B CULTANA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324046S 1374004E - 323356S 1373834E
323241S 1374022E - 323309S 1374300E
324049S 1374644E - 324046S 1374004E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R303A ALAMEIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323911S 1373456E - 324021S 1373545E
324028S 1374000E - 324046S 1374004E
324049S 1374644E - 324436S 1374835E
325406S 1374834E - 325824S 1374243E
325443S 1373822E - 325436S 1373801E
325511S 1373507E - 325522S 1373408E
325556S 1373416E - 325559S 1373407E
324542S 1373133E - 323909S 1373434E
323911S 1373456E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R303B ALAMEIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323856S 1373148E - 323909S 1373434E
323911S 1373456E - 324021S 1373545E
324028S 1374000E - 324046S 1374004E
324049S 1374644E - 324436S 1374835E
325406S 1374834E - 325824S 1374243E
325443S 1373822E - 325436S 1373801E
325511S 1373507E - 325522S 1373408E
325556S 1373416E - 325559S 1373407E
325628S 1373116E - 324528S 1372849E
323856S 1373148E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R304A TANK HILL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324530S 1371005E - 324245S 1371004E
then along EYRE HWY1 - 323747S 1372537E
323757S 1372829E - 323854S 1373129E
323856S 1373148E - 324528S 1372849E
325129S 1373009E - 325157S 1372850E
325141S 1372647E - 325045S 1372139E
325133S 1371758E
then along WHYALLA IRON KNOB RD1 - 324634S 1371102E
324600S 1371025E - 324530S 1371005E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R304B TANK HILL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324530S 1371005E - 324245S 1371004E
then along EYRE HWY1 - 323747S 1372537E
323757S 1372829E - 323854S 1373129E
323856S 1373148E - 324528S 1372849E
325129S 1373009E - 325157S 1372850E
325141S 1372647E - 325045S 1372139E
325133S 1371758E
then along WHYALLA IRON KNOB RD1 - 324634S 1371102E
324600S 1371025E - 324530S 1371005E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Cultana

YMMM/R327A SERPENTINE
CONDITIONAL STATUS: RA3
MODEL ROCKET ACTIVITY
LATERAL LIMITS: A circle radius 3.00NM centre
362857S 1440102E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R327B SERPENTINE
CONDITIONAL STATUS: RA3
MODEL ROCKET ACTIVITY
LATERAL LIMITS: A circle radius 3.00NM centre
362857S 1440102E
VERTICAL LIMITS: FL150 - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R330A POINT COOK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 375542S 1444800E - 375442S 1444145E
then along the clockwise arc of a circle radius 3.00NM centre
375556S 1444512E - 375758S 1444800E
375542S 1444800E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Point Cook AD OPR

YMMM/R330B POINT COOK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 375442S 1444145E - 375542S 1444800E
375758S 1444800E
then along the clockwise arc of a circle radius 3.00NM centre
375556S 1444512E - 375442S 1444145E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Point Cook AD OPR

YMMM/R332 HANNS INLET
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.50NM centre
382248S 1451200E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-1300 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Navy HMAS Cerberus

YMMM/R350A PUCKAPUNYAL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 370130S 1444930E - 365240S 1444930E
365000S 1445600E - 365230S 1445600E
365235S 1450345E - 365500S 1450530E
370130S 1445900E - 370130S 1444930E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Puckapunyal

YMMM/R350B PUCKAPUNYAL
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 370130S 1444930E - 365240S 1444930E
365000S 1445600E - 365230S 1445600E
365235S 1450345E - 365500S 1450530E
370130S 1445900E - 370130S 1444930E
VERTICAL LIMITS: 5000 - FL200
HOURS OF ACTIVITY: DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Puckapunyal

YMMM/R350C PUCKAPUNYAL
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 370130S 1444930E - 365240S 1444930E
365000S 1445600E - 365230S 1445600E
365235S 1450345E - 365500S 1450530E
370130S 1445900E - 370130S 1444930E
VERTICAL LIMITS: FL200 - FL230
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Puckapunyal

YMMM/R351A GRAYTOWN
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R351B GRAYTOWN
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: 5000 - FL150
HOURS OF ACTIVITY: DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R351C GRAYTOWN
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: FL150 - FL500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R352 PUCKAPUNYAL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 365500S 1450530E - 370130S 1445900E
365933S 1450339E - 365500S 1450530E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Puckapunyal

YMMM/R360A EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 382555S 1470724E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 380504S 1473416E
then along THE COAST (90 MILE BEACH) - 382555S 1470724E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360B EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 382555S 1470724E
then along THE COAST (90 MILE BEACH) - 380504S 1473416E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 382555S 1470724E
VERTICAL LIMITS: 1000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360C EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 20.00NM centre
380556S 1470858E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360D EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 375651S 1464625E - 374953S 1462938E
then along the clockwise arc of a circle radius 35.00NM centre
380556S 1470858E - 373145S 1471839E
374625S 1471439E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375651S 1464625E
VERTICAL LIMITS: 4000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360E EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 374953S 1462938E - 374252S 1461254E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371704S 1472239E
373145S 1471839E
then along the counter clockwise arc of a circle radius 35.00NM centre
380556S 1470858E - 374953S 1462938E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360F EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 374252S 1461254E - 375651S 1464625E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 381716S 1464804E
383345S 1461609E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 374252S 1461254E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R361 EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
380556S 1470858E
VERTICAL LIMITS: SFC - 7000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R362A STONY HEAD
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 410310S 1465625E - 410144S 1465554E
then along NORTH COAST - 410001S 1470450E
410354S 1470406E - 410310S 1465625E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Stony Head

YMMM/R362B STONY HEAD
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 410310S 1465625E - 410144S 1465554E
then along NORTH COAST - 410001S 1470450E
410354S 1470406E - 410310S 1465625E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Stony Head

YMMM/R363 MULWALA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.15NM centre
355840S 1455844E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Mulwala

YMMM/R364 BENALLA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre
362918S 1455935E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Benalla

YMMM/R368 ALBURY
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.50NM centre
360335S 1470138E
VERTICAL LIMITS: SFC - 2200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Albury

YMMM/R374 SWAN ISLAND
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre
381450S 1444130E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Swan Island

YMMM/R379 BUCKLAND
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 423012S 1473904E - 422025S 1474601E
422026S 1475421E - 423149S 1475123E
423012S 1473904E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Buckland

YMMM/R393 DUTSON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 380855S 1471518E - 380859S 1471735E
381000S 1471832E - 381109S 1471817E
381139S 1471722E
then along NTH SIDE LONGFORD-LOCH SPORT RD - 381054S 1471455E
380855S 1471518E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R406 TEMORA
CONDITIONAL STATUS: RA2
AIR DISPLAYS
LATERAL LIMITS: A circle radius 5.00NM centre
342517S 1473042E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: 100SQN Operations

YMMM/R407A SYDNEY
CONDITIONAL STATUS: RA3
HELICOPTERS & SEAPLANES
LATERAL LIMITS: 335120S 1511201E - 335115S 1511137E
then along SY Darling Harbour - 335120S 1511201E
VERTICAL LIMITS: SFC - 500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Regulatory Oversight Division (CASA)

YMMM/R407B SYDNEY
CONDITIONAL STATUS: RA3
HELICOPTERS & SEAPLANES
LATERAL LIMITS: 335037S 1510748E - 335030S 1510714E
335037S 1510654E - 335104S 1510454E
335028S 1510456E
then along HOMEBUSH BAY 5 - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
335003S 1511654E
then along SY COAST 3 - 335222S 1511704E
335224S 1511446E
then along SY HarbourB - 335120S 1511228E
then along SY HarbourD - 335120S 1511201E
335115S 1511137E
then along SY HarbourC - 335037S 1510748E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Regulatory Oversight Division (CASA)

YMMM/R409A BYROCK
CONDITIONAL STATUS: RA2
SURFACE FIRING RANGE
LATERAL LIMITS: A circle radius 2.00NM centre
304115S 1463840E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: MON - FRI 2200-0600 (1HR EARLIER HDS) EXC PH
CONTROLLING AUTHORITY: Rurex Pty Ltd

YMMM/R409B BYROCK
CONDITIONAL STATUS: RA3
SURFACE FIRING RANGE
LATERAL LIMITS: A circle radius 2.00NM centre
304115S 1463840E
VERTICAL LIMITS: 3000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Rurex Pty Ltd

YMMM/R420F NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344506S 1504307E - 344030S 1505100E
344030S 1510300E - 344356S 1510000E
345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 350813S 1500732E
345916S 1502124E - 345209S 1503226E
344506S 1504307E
VERTICAL LIMITS: FL125 - FL300
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R421A NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 350310S 1501521E
then along the clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (UXUTI/WPT) - 344506S 1504307E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 350813S 1500732E
350310S 1501521E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R421B NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344506S 1504307E
then along the counter clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (UXUTI/WPT) - 344202S 1503024E
344030S 1505100E - 344030S 1510300E
344356S 1510000E - 344506S 1504307E
VERTICAL LIMITS: 2500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R450A TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 2.00NM centre
352357S 1485848E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YMMM/R450B TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 3.00NM centre
352357S 1485848E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YMMM/R450C TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 5.00NM centre
352357S 1485848E
VERTICAL LIMITS: 4500 - 8000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YMMM/R479 RICHMOND
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 334114S 1503427E - 333553S 1503447E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505948E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333309S 1510030E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334104S 1505953E
334505S 1505400E - 334257S 1503844E
334211S 1503641E - 334114S 1503427E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YBBB-YMMM/R480 RICHMOND
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 332512S 1502508E - 331759S 1504247E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
333139S 1505948E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333309S 1510030E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334104S 1505953E
334401S 1505535E - 334505S 1505400E
334257S 1503844E - 334211S 1503641E
334114S 1503427E - 333208S 1502909E
332512S 1502508E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YBBB-YMMM/R481 COLO
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 332512S 1502508E - 331759S 1504247E
332634S 1504948E - 332855S 1504950E
333345S 1504906E - 333739S 1504809E
333208S 1502909E - 332512S 1502508E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YMMM/R504 ORCHARD HILLS
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.60NM centre 334900S 1504400E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: JO 2300-0600 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: OIC 5 Section EOD, 65ABRS

YMMM/R521 LUCAS HEIGHTS
CONDITIONAL STATUS: RA3
ANSTO RESEARCH REACTOR
LATERAL LIMITS: A circle radius 1.00NM centre 340310S 1505850E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: ANSTO

YBBB-YMMM/R522 MARRANGAROO
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.10NM centre 332539S 1500923E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Holsworthy

YBBB/R524 CULGOORA
CONDITIONAL STATUS: RA3
RADIO TELESCOPE
LATERAL LIMITS: A circle radius 1.00NM centre 301846S 1493357E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Narrabri

YMMM/R525 PARKES
CONDITIONAL STATUS: RA3
RADIO TELESCOPE
LATERAL LIMITS: A circle radius 1.00NM centre 325955S 1481550E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Parkes

YBBB/R533 DENMAN
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 2.00NM centre 322200S 1503800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Duty Officer

YMMM/R555A HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340232S 1505146E - 335800S 1505443E
335753S 1505719E - 340105S 1505837E
340232S 1505146E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Holsworthy

YMMM/R555B HOLSWORTHY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340232S 1505146E - 335800S 1505443E
335753S 1505719E - 340105S 1505837E
340232S 1505146E
VERTICAL LIMITS: 2500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Holsworthy

YMMM/R555C HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340600S 1504930E - 340232S 1505146E
340105S 1505837E - 340350S 1505942E
340640S 1505608E - 341100S 1505300E
341100S 1505000E - 340600S 1504930E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: DLY 2100-1100 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Holsworthy

YMMM/R555D HOLSWORTHY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340600S 1504930E - 340232S 1505146E
340105S 1505837E - 340350S 1505942E
340640S 1505608E - 341100S 1505300E
341100S 1505000E - 340600S 1504930E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Holsworthy

YMMM/R555F HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 335753S 1505719E - 335750S 1505736E
then along WEST BOUNDARY OF HEATHCOTE RD - 340105S 1505837E
335753S 1505719E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: JO 2200-1400 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: 6 AVN Regiment OPSO

YBBB/R560A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 321329S 1492125E - 315706S 1495502E
312442S 1503707E - 313029S 1504156E
314710S 1504945E - 315350S 1505254E
320243S 1505208E - 320827S 1504205E
324315S 1495932E - 322745S 1494203E
321329S 1492125E
VERTICAL LIMITS: 8500 - FL240
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R560B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320236S 1490547E - 314535S 1494048E
310811S 1502326E - 312442S 1503707E
315706S 1495502E - 321329S 1492125E
320236S 1490547E
VERTICAL LIMITS: 8500 - FL240
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R564A SINGLETON
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324205S 1510701E - 323729S 1510812E
323832S 1511337E
then along SGT RWY 1 - 323942S 1511430E
324014S 1511452E - 324507S 1511447E
324544S 1511448E - 324637S 1511145E
324629S 1511039E - 324418S 1510646E
324237S 1510654E - 324205S 1510701E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Singleton

YBBB/R564B SINGLETON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324205S 1510701E - 323729S 1510812E
323832S 1511337E
then along SGT RWY 1 - 323942S 1511430E
324014S 1511452E - 324507S 1511447E
324544S 1511448E - 324637S 1511145E
324629S 1511039E - 324418S 1510646E
324237S 1510654E - 324205S 1510701E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Singleton

YBBB/R570A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570D WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570E WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570F WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570G WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570H WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322408S 1515935E - 320553S 1520957E
320219S 1522105E - 320215S 1522513E
322500S 1522700E - 323037S 1523238E
324038S 1522734E - 324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322408S 1515935E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322247S 1514907E - 320814S 1514442E
315526S 1515530E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 320219S 1522105E
320553S 1520957E - 322408S 1515935E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322247S 1514907E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322532S 1513629E - 320049S 1512210E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 315526S 1515530E
320814S 1514442E - 322247S 1514907E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322532S 1513629E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585D WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 323326S 1512545E - 321118S 1510520E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 320049S 1512210E
322532S 1513629E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 323326S 1512545E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320553S 1520957E - 320323S 1521746E
320219S 1522105E - 320215S 1522513E
320152S 1524655E - 321258S 1524130E
323037S 1523238E - 324038S 1522734E
324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322408S 1515935E
320553S 1520957E
VERTICAL LIMITS: 4500 - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320323S 1521746E - 320219S 1522105E
320215S 1522513E - 320152S 1524655E
321258S 1524130E - 323037S 1523238E
324038S 1522734E - 324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322908S 1520941E
320323S 1521746E
VERTICAL LIMITS: FL250 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310014S 1524826E - 310021S 1531630E
311724S 1530823E - 320152S 1524655E
320215S 1522513E - 320219S 1522105E
320323S 1521746E - 313320S 1522706E
310014S 1524826E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R597A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324600S 1515100E - 323930S 1515100E
323930S 1515745E - 324200S 1520400E
324630S 1520400E - 324850S 1515533E
324600S 1515100E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R597B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324600S 1515100E - 323930S 1515100E
323930S 1515745E - 324200S 1520400E
324630S 1520400E - 324850S 1515533E
324600S 1515100E
VERTICAL LIMITS: 6000 - FL150
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R603 SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
122227S 1420650E
then along the counter clockwise arc of a circle radius 15.00NM centre
123726S 1420514E - 125225S 1420338E
131724S 1420058E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R604A SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
VERTICAL LIMITS: 4000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R604B SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605A SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: 4000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605B SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605C SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R608 LONGREACH
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
233931S 1440843E
VERTICAL LIMITS: SFC - 8200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YBBB/R609 EVANS HEAD
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 291013S 1532719E - 291400S 1532400E
then along the clockwise arc of a circle radius 3.00NM centre
291100S 1532400E - 291013S 1532719E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625A AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 274208S 1523214E - 272555S 1522508E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 271823S 1524304E
272924S 1524734E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274208S 1523214E
VERTICAL LIMITS: 1500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625B AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272555S 1522508E - 274208S 1523214E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274413S 1525155E
275324S 1524511E - 275825S 1524049E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
VERTICAL LIMITS: 2500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625C AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270749S 1522329E - 271325S 1524103E
271823S 1524304E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 275825S 1524049E
281129S 1522924E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 270749S 1522329E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625D AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270427S 1521259E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E - 281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
VERTICAL LIMITS: 8500 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625E AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270427S 1521259E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E - 281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
VERTICAL LIMITS: FL210 - FL310
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R627 GREENBANK
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 274003S 1525550E - 273745S 1525620E
then along POWER LINES 1 - 273831S 1525830E
274031S 1530029E - 274105S 1530029E
then along RAILWAY 7 - 274326S 1525858E
274100S 1525730E - 274003S 1525550E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-0600 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Greenbank

YBBB/R634A CANUNGRA
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 280000S 1531000E - 280500S 1531000E
280500S 1531500E - 275800S 1531500E
275800S 1531109E
then along CANUNGRA-MT TAMBORINE RD - 280000S 1531052E
280000S 1531000E
VERTICAL LIMITS: SFC - 3800
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Canungra

YBBB/R634B CANUNGRA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 280500S 1531000E - 280000S 1531000E
280000S 1531500E - 280500S 1531500E
280500S 1531000E
VERTICAL LIMITS: 3800 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Canungra

YBBB/R636 GAYNDAH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 251200S 1493900E - 245000S 1495300E
254400S 1511600E - 260000S 1511600E
260400S 1505900E - 254200S 1495700E
251200S 1493900E
VERTICAL LIMITS: 7000 - FL230
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638A EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 290120S 1531700E - 285700S 1532730E
285621S 1533128E
then along THE COAST 45 - 290655S 1532611E
then along NTH BANK OF EVANS AND RIC RVRS - 290120S 1531700E
VERTICAL LIMITS: 1000 - 8000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638B EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 291500S 1530330E - 290600S 1530540E
290120S 1531700E
then along NTH BANK OF EVANS AND RIC RVRS - 290655S 1532611E
then along THE COAST 47 - 290741S 1532653E
then along THE COAST 46 - 292628S 1532212E
291500S 1530330E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638C EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 291500S 1530330E - 290600S 1530540E
285700S 1532730E - 285621S 1533128E
then along THE COAST 45 - 290655S 1532611E
then along THE COAST 47 - 290741S 1532653E
then along THE COAST 3000 - 291829S 1532028E
then along THE COAST 3001 - 292628S 1532212E
291500S 1530330E
VERTICAL LIMITS: 8000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639A AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 271743S 1505342E - 273440S 1515429E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 275251S 1515701E
280831S 1510338E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 271743S 1505342E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639B AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 280831S 1510338E - 275251S 1515701E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 280111S 1520130E
284432S 1512942E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639C AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 281000S 1494800E - 265738S 1494403E
271743S 1505342E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
282830S 1495324E - 281000S 1494800E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639D AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 291542S 1500721E - 282830S 1495324E
280831S 1510338E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 284432S 1512942E
291523S 1502357E - 291542S 1500721E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R642A MT WELLINGTON
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
223059S 1495641E - 223836S 1500255E
223928S 1500345E - 224042S 1500435E
224158S 1500250E - 224324S 1500119E
224318S 1495959E - 224458S 1495922E
224348S 1495557E - 224131S 1495604E
224014S 1495725E - 223829S 1495722E
223828S 1495716E - 223823S 1495556E
223855S 1495551E - 223855S 1495503E
224213S 1495440E - 224154S 1495227E
224127S 1495146E - 224047S 1494634E
224432S 1494553E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R642B MT WELLINGTON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
223059S 1495641E - 223836S 1500255E
223928S 1500345E - 224042S 1500435E
224158S 1500250E - 224324S 1500119E
224318S 1495959E - 224458S 1495922E
224348S 1495557E - 224131S 1495604E
224014S 1495725E - 223829S 1495722E
223828S 1495716E - 223823S 1495556E
223855S 1495551E - 223855S 1495503E
224213S 1495440E - 224154S 1495227E
224127S 1495146E - 224047S 1494634E
224432S 1494553E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R643 SHOALWATER BAY WEST
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
222118S 1500920E - 222634S 1500643E
222937S 1500721E - 223312S 1500644E
223739S 1500649E - 223831S 1500710E
224207S 1500952E - 224321S 1501011E
224513S 1500958E - 224620S 1500957E
225130S 1501330E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R647A WALLANGARRA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.60NM centre
285558S 1515734E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Duty Officer

YBBB/R647B WALLANGARRA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.60NM centre
285558S 1515734E
VERTICAL LIMITS: 4500 - 7000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Thales Duty Officer

YBBB/R654A OAKEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 272356S 1513840E - 271314S 1512127E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271054S 1520532E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
272851S 1515323E - 272633S 1514906E
then along the counter clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 272356S 1513840E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654B OAKEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 271314S 1512127E - 272356S 1513840E
272335S 1511827E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271314S 1512127E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654C OAKEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272356S 1513840E - 271314S 1512127E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271054S 1520532E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
272851S 1515323E - 272633S 1514906E
then along the clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 272356S 1513840E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654D OAKEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272335S 1511827E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271314S 1512127E
272356S 1513840E - 272335S 1511827E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R681 AKENS ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 221700S 1501200E - 221500S 1502000E
221234S 1502527E - 221506S 1502342E
221754S 1502312E - 222342S 1502612E
223030S 1502700E
then along COAST 31 - 223032S 1502513E
then along COAST 30 - 222500S 1501806E
then along COAST 29 - 222118S 1501028E
222015S 1501158E - 221700S 1501200E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R682 TOWNSHEND ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 221754S 1502312E - 221506S 1502342E
220600S 1503000E - 220600S 1504500E
221900S 1504900E - 221900S 1503300E
222556S 1502628E - 222342S 1502612E
221754S 1502312E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R683 CAPE CLINTON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 223030S 1502700E - 222556S 1502628E
221900S 1503300E - 221900S 1504900E
224119S 1505031E - 223030S 1502700E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R684A MOUNT HUMMOCK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 225500S 1502700E - 223030S 1502700E
224119S 1505031E - 224922S 1504707E
224757S 1503721E - 225400S 1503600E
225500S 1502700E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R684B MOUNT HUMMOCK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 225500S 1502700E - 223030S 1502700E
224119S 1505031E - 224922S 1504707E
224757S 1503721E - 225400S 1503600E
225500S 1502700E
VERTICAL LIMITS: 2000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R685A WIDE BAY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 254926S 1525146E - 254814S 1525417E
254820S 1525518E - 255644S 1525518E
255658S 1525521E - 255705S 1525446E
255640S 1525425E - 255539S 1525417E
255539S 1525133E
then along MARYBOROUGH COOLOOLA ROAD - 254926S 1525146E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Wide Bay

YBBB/R685B WIDE BAY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 255644S 1525518E - 254820S 1525518E
254826S 1525627E - 254846S 1525710E
254840S 1525803E - 254836S 1525819E
254751S 1525859E - 254940S 1530112E
255043S 1530123E - 255240S 1530153E
255343S 1530141E - 255425S 1525900E
255458S 1525851E - 255519S 1525911E
255549S 1525910E - 255629S 1525829E
then along TIN CAN BAY RD - 255646S 1525630E
255636S 1525626E - 255644S 1525518E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Wide Bay

YBBB/R686 TRIANGULAR ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
222300S 1503030E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R692A RASPBERRY CREEK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R692B RASPBERRY CREEK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R692C RASPBERRY CREEK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: 6000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/R732 GREENVALE TRAINING AREA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 190154S 1445448E - 190455S 1451034E
190647S 1451226E - 190559S 1451610E
190718S 1451928E - 191102S 1451704E
192319S 1450045E - 193025S 1445901E
193828S 1444227E - 193941S 1443701E
193926S 1442753E - 192642S 1442755E
191102S 1444456E - 190738S 1445148E
190154S 1445448E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R736 TOWNSVILLE (STAR)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 191900S 1460145E - 190601S 1461011E
191617S 1462043E
then along KEELBOTTOM CK 1/2 - 192018S 1462127E
192339S 1460704E
then along .5NM N GREENVALE RWY LINE 1/1 - 192211S 1460420E
191900S 1460145E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738A TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 191900S 1460145E - 192211S 1460420E
then along .5NM N GREENVALE RWY LINE 1/1 - 192339S 1460704E
then along .5NM N GREENVALE RWY LINE 1/2 - 192626S 1462003E
then along KEELBOTTOM CREEK - 192230S 1462120E
192445S 1462500E
then along HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along THE HERVEY RANGE DEVELOPMENT RD - 193002S 1461140E
193000S 1461100E - 193500S 1460430E
191900S 1460145E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738B TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 183832S 1454209E - 190601S 1461011E
191150S 1460625E - 190248S 1453237E
then along the clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 183832S 1454209E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738C TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 190248S 1453237E - 191150S 1460625E
191900S 1460145E - 193500S 1460430E
194301S 1453742E
then along the clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 190248S 1453237E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738D TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 193500S 1460430E - 194500S 1461236E
194940S 1462145E - 195056S 1463353E
195239S 1463341E - 200113S 1454958E
then along the clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 194301S 1453742E
193500S 1460430E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738E TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181416S 1445605E - 181800S 1451230E
183133S 1453503E - 183832S 1454209E
then along the counter clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 190248S 1453237E
184958S 1444131E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 181416S 1445605E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738F TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184958S 1444131E - 190248S 1453237E
then along the counter clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 200113S 1454958E
201158S 1445337E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 184958S 1444131E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738G TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 182500S 1440000E - 181416S 1445605E
then along the counter clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 184958S 1444131E
191000S 1440000E - 182500S 1440000E
VERTICAL LIMITS: FL120 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R738H TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184958S 1444131E
then along the counter clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 201158S 1445337E
201657S 1442650E - 191000S 1440000E
184958S 1444131E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R739 TOWNSVILLE (STAR)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 192339S 1460704E - 192018S 1462127E
then along LINE 1 - 192230S 1462120E
then along KEELBOTTOM CREEK - 192626S 1462003E
then along .5NM N GREENVALE RWY LINE 1/2 - 192339S 1460704E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R747 RATTLESNAKE ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 4.80NM centre
190210S 1463638E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R751 TOWNSVILLE (HIGH RANGE)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 193500S 1460430E - 193000S 1461100E
193002S 1461140E
then along THE HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along HERVEY RANGE DEVELOPMENT ROAD - 192605S 1462426E
192605S 1462943E - 192953S 1463451E
193117S 1463606E - 193436S 1463539E
193832S 1463519E - 195056S 1463353E
194940S 1462145E - 194500S 1461236E
193500S 1460430E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R752 TOWNSVILLE (HIGH RANGE)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 192445S 1462500E - 192242S 1462920E
192552S 1463443E - 193009S 1463615E
193117S 1463606E - 192953S 1463451E
192605S 1462943E - 192605S 1462426E
then along HERVEY RANGE DEVELOPMENT RD1 - 192445S 1462500E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R765 CAIRNS
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 171900S 1460818E - 170800S 1460700E
170700S 1462300E - 172138S 1462457E
172206S 1462413E - 172330S 1461300E
171900S 1460818E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Fleet HQ Potts Point

YBBB/R766 MICHAELMAS CAY
CONDITIONAL STATUS: RA3
ENVIRONMENT PROTECTION AREA
LATERAL LIMITS: A circle radius 1.00NM centre
163623S 1455822E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: GBRMPA

YBBB/R768A MT STUART
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 192127S 1464412E - 192121S 1464420E
192059S 1464449E - 192115S 1464522E
192123S 1464628E - 192124S 1464823E
192302S 1464823E - 192615S 1464801E
192620S 1464723E - 192508S 1464443E
192459S 1464433E - 192142S 1464416E
192127S 1464412E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-1200 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Mt Stuart

YBBB/R768B MT STUART
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 192127S 1464412E - 192121S 1464420E
192059S 1464449E - 192115S 1464522E
192123S 1464628E - 192124S 1464823E
192302S 1464823E - 192615S 1464801E
192620S 1464723E - 192508S 1464443E
192459S 1464433E - 192142S 1464416E
192127S 1464412E
VERTICAL LIMITS: 2000 - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DOTAM RCO Mt Stuart

YBBB/R783 LIZARD ISLAND
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 143300S 1451400E - 142800S 1452200E
143400S 1452600E - 144000S 1451800E
143300S 1451400E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Fleet HQ Potts Point

YBBB/R786 TULLY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 175430S 1454430E - 174500S 1454430E
174500S 1455100E - 175430S 1455100E
175430S 1454430E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army OC Jungle Training

YBBB/R802A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
173520S 1235107E (CIN/DME)
VERTICAL LIMITS: 3500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R802B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
173520S 1235107E (CIN/DME)
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R803A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R803B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R804A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R804B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R805A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R805B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R806A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R806B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R808A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R808B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R825 CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 172710S 1234151E - 172910S 1240154E
then along the clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 174318S 1240032E
174022S 1235351E - 173650S 1233838E
then along the clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 172710S 1234151E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R826 CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 173120S 1232517E - 172710S 1234151E
then along the counter clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 173650S 1233838E
174022S 1235351E - 174318S 1240032E
then along the counter clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 172910S 1240154E
173133S 1241659E
then along the clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/DME) - 173120S 1232517E
VERTICAL LIMITS: 1500 - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R850A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 222747S 1144613E - 225426S 1160749E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 240712S 1132100E
225149S 1135054E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222747S 1144613E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R850B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 222747S 1144613E - 225426S 1160749E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 240712S 1132100E
225149S 1135054E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222747S 1144613E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: NOTAM - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851C LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: NOTAM - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: 2500 - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860C LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

DANGER AREAS

YMMM/D101 NORTHAM
FIRING RANGE
LATERAL LIMITS: 313918S 1163612E - 313917S 1163715E
313949S 1163715E - 313949S 1163612E
313918S 1163612E
VERTICAL LIMITS: SFC - 1600
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM WA

YMMM/D102 ONSLOW
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.10NM centre
214143S 1150007E
VERTICAL LIMITS: SFC - 3900
HOURS OF ACTIVITY: H24
CONTACT: Chevron Australia - Aviation Department

YMMM/D104A JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321024S 1154732E - 321059S 1155529E
320948S 1155641E - 320914S 1154740E
then along ROCKINGHAM FREMANTLE ROAD 1 - 321024S 1154732E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D104B JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321337S 1154710E - 321349S 1155652E
321342S 1160111E - 321123S 1160010E
320948S 1155641E - 321059S 1155529E
321024S 1154732E
then along ROCKINGHAM FREMANTLE ROAD 2 - 321337S 1154710E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D104C JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321337S 1154710E
then along ROCKINGHAM FREMANTLE ROAD 3 - 323208S 1154302E
then along MANDURAH/PINJARRA RD - 323750S 1155218E
322418S 1160552E - 321342S 1160111E
321349S 1155652E - 321337S 1154710E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D106 TELFER GOLD MINE
BLASTING
LATERAL LIMITS: A circle radius 2.50NM centre
214303S 1221127E
VERTICAL LIMITS: SFC - 1600
HOURS OF ACTIVITY: HJ
CONTACT: Telfer AD OPR

YMMM/D107 MOUNT MAGNET
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
280526S 1174809E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Mt Magnet AD OPR

YBBB/D110 BROOME
FIRING
LATERAL LIMITS: 175034S 1221940E - 175034S 1222014E
175235S 1222014E - 175241S 1221940E
175034S 1221940E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Broome

YMMM/D121 OKHA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.10NM centre
193524S 1162648E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside OKHA

YMMM/D133 GOODWYN ALPHA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
193912S 1155542E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside Goodwyn Alpha

YMMM/D149 WITHNELL BAY SOUTH
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
203653S 1164608E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Woodside Withnell Bay

YMMM/D150 WITHNELL BAY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
203517S 1164646E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Woodside Withnell Bay

YMMM/D151 NORTH RANKIN
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
193506S 1160812E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside North Rankin

YMMM/D157 KARRATHA DAMPIER
FIRING RANGE
LATERAL LIMITS: 203925S 1164601E - 203947S 1164617E
204005S 1164548E - 204031S 1164447E
204029S 1164446E - 203944S 1164532E
203925S 1164601E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM WA

YMMM/D164 COOLILUP
FIRING
LATERAL LIMITS: 333700S 1153000E - 333500S 1153000E
333500S 1153200E - 333700S 1153200E
333700S 1153000E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: DLY 2100-1200 or as amended by NOTAM
CONTACT: DOTAM RCO Coolilup

YMMM/D169 CAMPBELL BARRACKS
FIRING
LATERAL LIMITS: 315847S 1154300E - 315649S 1154300E
315649S 1154600E - 315847S 1154600E
315847S 1154300E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Army RCO Campbell

YMMM/D172 KARRATHA
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
204100S 1164430E
VERTICAL LIMITS: SFC - 500
HOURS OF ACTIVITY: JO HJ
CONTACT: Karratha AD OPR

YMMM/D174 JURIEN BAY
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre
301812S 1150319E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Skydive Jurien Bay

YMMM/D186 BROOKLANDS
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre
314930S 1164746E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YMMM/D187 BARROW ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.25NM centre
204730S 1152648E
VERTICAL LIMITS: SFC - 1800
HOURS OF ACTIVITY: H24
CONTACT: Chevron Australia

YBBB/D188 KOOLAN ISLAND
BLASTING
LATERAL LIMITS: A circle radius 0.40NM centre
160733S 1234405E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Mt Gibson Iron

YMMM/D193 PEARCE
MILITARY FLYING
LATERAL LIMITS: 303644S 1150859E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 303117S 1163119E
305947S 1162011E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT 10 2 - 303829S 1150947E
then along 2NM LAN & PARL TO COT 10 1 - 303644S 1150859E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D197 MUCHEA RANGE
FIRING
LATERAL LIMITS: 313914S 1155305E - 313730S 1155305E
313730S 1155541E - 313914S 1155541E
313914S 1155305E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D198 PEARCE
MILITARY FLYING
LATERAL LIMITS: 315246S 1152456E - 314000S 1133807E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 301034S 1145152E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 300806S 1145733E
then along 2 NM SEAWARD & PARL TO COT/1 - 303839S 1150455E
then along 2NM SEAWARD & PARL TO COT 8 - 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 9 - 310608S 1151935E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT - 314543S 1154602E
315246S 1152456E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: JO HJ
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D204 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D205 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E - 343654S 1384818E
343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D206 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E - 341352S 1384418E
340801S 1384501E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D207A BOND SPRINGS
GLIDING
LATERAL LIMITS: 233106S 1333644E
then along the clockwise arc of a circle radius 22.00NM centre
234734S 1335241E (AS/DME) - 232540S 1334943E
then along STUART HIGHWAY 1 - 233211S 1335148E
then along TANAMI ROAD 1 - 233106S 1333644E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: CASA OAR

YMMM/D207B BOND SPRINGS
GLIDING
LATERAL LIMITS: 232903S 1331902E
then along the clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 231204S 1334527E
then along STUART HIGHWAY 2 - 232540S 1334943E
then along the counter clockwise arc of a circle radius 22.00NM centre
234734S 1335241E (AS/DME) - 233106S 1333644E
then along TANAMI ROAD 2 - 232903S 1331902E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: CASA OAR

YMMM/D207C BOND SPRINGS
GLIDING
LATERAL LIMITS: 232356S 1331057E
then along the clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 230416S 1333849E
then along STUART HIGHWAY 3 - 231204S 1334527E
then along the counter clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 232903S 1331902E
then along TANAMI ROAD 3 - 232356S 1331057E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: CASA OAR

YMMM/D207D BOND SPRINGS
GLIDING
LATERAL LIMITS: 231644S 1325637E
then along the clockwise arc of a circle radius 60.00NM centre
234734S 1335241E (AS/DME) - 225149S 1332806E
then along STUART HIGHWAY 4 - 230416S 1333849E
then along the counter clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 232356S 1331057E
then along TANAMI ROAD 4 - 231644S 1325637E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: CASA OAR

YBBB/D209 VICTORIA HIGHWAY CORRIDOR
VFR TRANSIT LANE
LATERAL LIMITS: 144822S 1315711E - 144931S 1315610E
145146S 1315638E - 145734S 1315250E
150052S 1314912E - 151125S 1314023E
151337S 1313753E - 151902S 1313509E
152206S 1313233E - 152456S 1313223E
152648S 1312914E - 152836S 1312752E
152844S 1312506E - 153059S 1312339E
153206S 1311854E - 153522S 1311803E
153702S 1311536E - 153817S 1310700E
153631S 1310541E - 153647S 1310421E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
153343S 1310734E - 153543S 1310827E
153445S 1311110E - 153439S 1311509E
153055S 1311616E - 152821S 1312131E
152642S 1312404E - 152631S 1312638E
152510S 1312738E - 152339S 1313013E
152107S 1313022E - 151710S 1313311E
151143S 1313621E - 145938S 1314645E
145554S 1315106E - 145126S 1315359E
144836S 1315353E - 144634S 1315600E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 144822S 1315711E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D210 TINDAL
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
130411S 1320417E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
123949S 1313233E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130327S 1304117E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: MON - FRI 2130-1330 EXC PH or as amended by NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D213 ROBERTSON BARRACKS
RIFLE RANGE
LATERAL LIMITS: 122516S 1305916E - 122531S 1305906E
122538S 1305905E - 122632S 1305918E
122649S 1305934E - 122651S 1305947E
122639S 1310007E - 122552S 1310036E
122545S 1310037E - 122528S 1310033E
122515S 1305955E - 122516S 1305916E
VERTICAL LIMITS: SFC - 1100
HOURS OF ACTIVITY: H24
CONTACT: DOTAM RCO Robertson Barracks

YBBB/D216 ROBERTSON BARRACKS
RIFLE RANGE
LATERAL LIMITS: 122201S 1305855E - 122145S 1305924E
122155S 1310003E - 122306S 1310019E
122404S 1305940E - 122507S 1305938E
122508S 1305821E - 122338S 1305821E
122201S 1305855E
VERTICAL LIMITS: SFC - 1400
HOURS OF ACTIVITY: H24 or as amended by NOTAM
CONTACT: DOTAM RCO Robertson Barracks

YBBB/D217 BLADIN POINT
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
123111S 1305506E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTACT: INPEX

YBBB/D218 JABIRU
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
124112S 1325436E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Rio Tinto Jabiru

YMMM/D220 PARAFIELD
FLYING TRAINING/TRANSIT AREA
LATERAL LIMITS: 342957S 1381123E - 342627S 1381604E
342303S 1381610E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
343654S 1382853E
then along the counter clockwise arc of a circle radius 20.00NM centre
345649S 1383128E (AD/DME) - 343947S 1381842E
342957S 1381123E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D223 PBDS
MILITARY FLYING
LATERAL LIMITS: 125549S 1302738E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130327S 1304117E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143432S 1290013E
125549S 1302738E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D227 WICKHAM POINT
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
123126S 1305213E
VERTICAL LIMITS: SFC - 900
HOURS OF ACTIVITY: H24
CONTACT: Conoco Phillips Darwin

YBBB/D229 PBDS
MILITARY FLYING
LATERAL LIMITS: 143432S 1290013E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
170146S 1294313E - 164430S 1291048E
161640S 1285943E - 143432S 1290013E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D236A COOLIBAH CORRIDOR NORTH
VFR TRANSIT LANE
LATERAL LIMITS: 151148S 1305552E - 145541S 1305552E
145543S 1310000E - 151201S 1310000E
then along THE IKYMBON RIVER - 151148S 1305552E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO BFTA

YBBB/D236B COOLIBAH CORRIDOR SOUTH
VFR TRANSIT LANE
LATERAL LIMITS: 152105S 1305552E - 151148S 1305552E
then along THE IKYMBON RIVER - 151201S 1310000E
152105S 1310000E - 152105S 1305552E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO BFTA

YMMM/D239 OLYMPIC DAM
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
302612S 1365124E
VERTICAL LIMITS: SFC - 900
HOURS OF ACTIVITY: DLY 0600-0830
CONTACT: Olympic Dam AD OPR

YBBB/D242 MCARTHUR RIVER MINE
BLASTING
LATERAL LIMITS: A circle radius 1.50NM centre
162559S 1360624E
VERTICAL LIMITS: SFC - 650
HOURS OF ACTIVITY: HR DAILY 0100-0200, 0500-0600 or as amended by NOTAM
CONTACT: McArthur River Mine AD OPR

YBBB/D243 TINDAL
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
143000S 1322000E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: MON-FRI 0700-0800 EXC PH or as AMD by NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D256 MICKET CREEK
RIFLE RANGE
LATERAL LIMITS: 122219S 1305614E - 122428S 1305614E
122428S 1305731E - 122219S 1305731E
122219S 1305614E
VERTICAL LIMITS: SFC - 600
HOURS OF ACTIVITY: H24
CONTACT: FLTCDR 452SQN DARWIN

YBBB/D257 DARWIN
ACCESS LANE
LATERAL LIMITS: 132753S 1300426E - 125528S 1300658E
123641S 1302200E - 123416S 1303028E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 123706S 1303146E
123922S 1302353E - 124315S 1302046E
then along COAST 21 - 125454S 1301123E
125635S 1301002E - 131021S 1300857E
then along COAST 22 - 132753S 1300426E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: FLTCDR 452SQN DARWIN

YMMM/D258A BURRA
MILITARY FLYING
LATERAL LIMITS: 340650S 1383522E - 335146S 1383447E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340650S 1383522E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D258B BURRA
MILITARY FLYING
LATERAL LIMITS: 335146S 1383447E - 331640S 1383326E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 332705S 1392503E
334220S 1394417E - 340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 335146S 1383447E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D258C BURRA
MILITARY FLYING
LATERAL LIMITS: 331640S 1383326E - 325636S 1383241E
then along the clockwise arc of a circle radius 120.00NM centre
345649S 1383128E (AD/DME) - 331012S 1393812E
333822S 1394630E - 334220S 1394417E
332705S 1392503E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331640S 1383326E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D261 TREGALANA CORRIDOR
ACCESS LANE
LATERAL LIMITS: 324528S 1372849E - 323856S 1373148E
323909S 1373434E - 324542S 1373133E
325559S 1373407E - 325628S 1373116E
324528S 1372849E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Cultana

YMMM/D266 LANGHORNE
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre
351815S 1391559E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: HJ
CONTACT: SA Skydiving

YBBB/D267 WESTERN HILLS
FIRING & MILITARY FLYING
LATERAL LIMITS: 144755S 1295658E - 151610S 1295044E
then along THE VICTORIA RIVER 11 - 151053S 1294724E
then along THE VICTORIA RIVER 12 - 150756S 1294108E
then along THE VICTORIA RIVER 13 - 150115S 1293739E
then along THE VICTORIA RIVER 14 - 145016S 1293838E
then along FITZMAURICE RIVER 1 - 144719S 1295322E
then along FITZMAURICE RIVER 2 - 144755S 1295658E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO BFTA

YMMM/D271 IRON MINES
BLASTING
LATERAL LIMITS: 331622S 1370030E - 331107S 1370151E
then along the clockwise arc of a circle radius 3.00NM centre
331145S 1370521E - 331136S 1370855E
331504S 1370908E
then along the clockwise arc of a circle radius 3.00NM centre
331513S 1370534E - 331700S 1370827E
331847S 1370653E
then along the clockwise arc of a circle radius 3.00NM centre
331700S 1370400E - 331622S 1370030E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: HWE Mining

YBBB/D272A GIRRAWEEN
UAV OPERATIONS
LATERAL LIMITS: 122706S 1310442E - 122805S 1310445E
122837S 1310536E - 122838S 1310604E
123050S 1310613E - 123122S 1310614E
123122S 1310627E
then along the counter clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 122549S 1310754E
122706S 1310442E
VERTICAL LIMITS: SFC - 500
HOURS OF ACTIVITY: NOTAM
CONTACT: NACAS Chief Remote Pilot

YBBB/D272B GIRRAWEEN
UAV OPERATIONS
LATERAL LIMITS: 122549S 1310754E
then along the clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 123122S 1310627E
123127S 1310847E - 123037S 1310851E
123031S 1310930E - 122756S 1310931E
122534S 1310832E - 122549S 1310754E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTACT: NACAS Chief Remote Pilot

YMMM/D280 PARAFIELD
FLYING TRAINING & TRANSIT AREA
LATERAL LIMITS: 344727S 1382426E - 343947S 1381842E
then along the clockwise arc of a circle radius 20.00NM centre
345649S 1383128E (AD/DME) - 343654S 1382853E
344337S 1383127E
then along the counter clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344429S 1383153E
344727S 1382426E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YMMM/D284 MOOMBA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
280702S 1401213E
VERTICAL LIMITS: SFC - 5600
HOURS OF ACTIVITY: H24
CONTACT: Moomba AD OPR

YMMM/D285 MURRAY BRIDGE
AEROBATIC AREA
LATERAL LIMITS: A circle radius 3.00NM centre
350400S 1391250E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: HJ
CONTACT: Murray Bridge AD OPR

YBBB/D288A COX PENINSULA
FLYING TRAINING
LATERAL LIMITS: 123704S 1303256E - 123458S 1303355E
then along PORT PATTERSON COAST - 123010S 1303517E
122838S 1304605E
then along the counter clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 122910S 1304631E
then along THE PORT DARWIN COAST 1 - 123341S 1304635E
124111S 1303504E
then along BYNOE HARBOUR - 123704S 1303256E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D288B COX PENINSULA
MILITARY FLYING
LATERAL LIMITS: 124028S 1303610E - 123341S 1304635E
123359S 1304722E
then along MIDDLE ARM COAST 2 - 123306S 1304837E
123339S 1304902E
then along MIDDLE ARM COAST 1 - 123601S 1305150E
123629S 1305250E
then along MIDDLE ARM COAST 3 - 123628S 1305319E
124237S 1305317E - 124251S 1304205E
then along BYNOE HARBOUR 3 - 124205S 1303945E
then along BYNOE HARBOUR 2X - 124028S 1303610E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DO Robertson Barracks

YBBB/D288C COX PENINSULA
MILITARY FLYING
LATERAL LIMITS: 125259S 1304330E - 124249S 1304325E
124237S 1305317E - 124530S 1305317E
124530S 1304851E - 124623S 1304851E
124622S 1304703E - 124953S 1304703E
124953S 1304952E - 125137S 1304954E
125131S 1305752E - 125846S 1305751E
125846S 1305328E - 125819S 1305328E
then along FINNISS RIVER - 125814S 1304758E
125259S 1304330E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DO Robertson Barracks

YMMM/D305 LAUNCESTON
FLYING TRAINING
LATERAL LIMITS: 414145S 1470448E - 413910S 1465622E
413153S 1464953E - 413158S 1470039E
414145S 1470448E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YMMM/D315 MOORABBIN
FLYING TRAINING
LATERAL LIMITS: 381442S 1451524E - 380522S 1451001E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380206S 1451537E
380706S 1452859E - 381154S 1452836E
381442S 1451524E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YMMM/D316 HOBART
FLYING TRAINING
LATERAL LIMITS: 430300S 1472500E - 425900S 1472400E
425349S 1472502E - 425718S 1473140E
425851S 1473352E - 430122S 1473115E
430300S 1472500E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D322A ST LEONARDS
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 380840S 1444100E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380857S 1444225E
then along the clockwise arc of a circle radius 1.50NM centre
381009S 1444118E - 380840S 1444100E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Textron System Pty Ltd

YMMM/D322B PORT PHILLIP BAY
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 380857S 1444225E - 380800S 1444430E
380800S 1450200E - 381030S 1450200E
381800S 1445430E - 381800S 1444430E
381144S 1444430E - 381035S 1444308E
then along the counter clockwise arc of a circle radius 1.50NM centre
381009S 1444118E - 380857S 1444225E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Textron System Pty Ltd

YMMM/D342 MORAN RESERVE
PARACHUTING
LATERAL LIMITS: A circle radius 1.00NM centre
375238S 1445831E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ OT BY NOTAM
CONTACT: Skydive The Beach Melbourne

YMMM/D349 MANGALORE
AEROBATICS AREA
LATERAL LIMITS: 364036S 1445854E - 363706S 1451300E
364624S 1450918E - 364518S 1445854E
364036S 1445854E
VERTICAL LIMITS: 2500 - 7500
HOURS OF ACTIVITY: HJ
CONTACT: Inbound Aviation

YMMM/D354 EAST SALE
VFR TRANSIT LANE
LATERAL LIMITS: 375600S 1464700E - 375751S 1470333E
375635S 1470503E - 375347S 1471126E
375150S 1471751E - 374915S 1472258E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375032S 1472508E
375338S 1471900E - 375536S 1471230E
375811S 1470637E - 375958S 1470431E
375852S 1465328E - 380003S 1464940E
375935S 1464458E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375600S 1464700E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EAST SALE

YMMM/D372 LANG LANG
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.30NM centre
381923S 1453612E
VERTICAL LIMITS: SFC - 1200
HOURS OF ACTIVITY: H24
CONTACT: Beach Energy Lang Lang

YMMM/D373 BARWON HEADS
PARACHUTING
LATERAL LIMITS: 381430S 1442326E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381457S 1442805E
then along the clockwise arc of a circle radius 2.00NM centre
381529S 1442539E - 381430S 1442326E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YMMM/D376 EUROA
PARACHUTING
LATERAL LIMITS: A circle radius 3.00NM centre
364441S 1453048E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Skydive Euroa

YMMM/D378 BUCKLAND
MILITARY NON-FLYING
LATERAL LIMITS: 423012S 1473904E - 422025S 1474601E
422026S 1475421E - 423149S 1475123E
423012S 1473904E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Buckland

YMMM/D383A POINT COOK
FLYING TRAINING
LATERAL LIMITS: 375526S 1443808E - 375500S 1443857E
375424S 1443954E - 375323S 1444129E
375229S 1444412E - 375315S 1445032E
then along the clockwise arc of a circle radius 5.00NM centre
375556S 1444512E - 380056S 1444513E
380056S 1443910E - 375657S 1443950E
375645S 1443755E - 375526S 1443808E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Point Cook AD OPR

YMMM/D383B POINT COOK
AEROBATICS AREA
LATERAL LIMITS: 375645S 1443755E - 375657S 1443950E
380056S 1443910E - 380056S 1443711E
375645S 1443755E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Point Cook AD OPR

YMMM/D392 DUTSON
FIRING
LATERAL LIMITS: 381100S 1471552E - 381021S 1471552E
380908S 1471633E - 380903S 1471703E
380911S 1471728E - 380937S 1471737E
381005S 1471719E - 381020S 1471748E
381053S 1471749E - 381126S 1471654E
381104S 1471615E - 381100S 1471552E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN EAST SALE

YMMM/D399 BACCHUS MARSH
GLIDER FLYING
LATERAL LIMITS: 373436S 1441318E - 373624S 1442000E
374300S 1442000E - 374300S 1441300E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 373436S 1441318E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: Airservices Australia Melbourne

YMMM/D410 SMITHFIELD ENERGY FACILITY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.10NM centre
335100S 1505659E
VERTICAL LIMITS: SFC - 760
HOURS OF ACTIVITY: H24
CONTACT: Control Room

YMMM/D427 TEMORA
AIR DISPLAYS
LATERAL LIMITS: A circle radius 5.00NM centre
342517S 1473042E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: 100SQN Operations

YBBB/D431 ATTUNGA
BLASTING
LATERAL LIMITS: A circle radius 0.60NM centre
305525S 1505135E
VERTICAL LIMITS: SFC - 3100
HOURS OF ACTIVITY: MON - FRI 2300 - 0700
CONTACT: Graymont Australia

YBBB/D432 SULCOR
BLASTING
LATERAL LIMITS: A circle radius 0.60NM centre
305216S 1504908E
VERTICAL LIMITS: SFC - 3300
HOURS OF ACTIVITY: MON - FRI 2300 - 0700
CONTACT: Graymont Australia

YMMM/D435 KAPOOKA
FIRING
LATERAL LIMITS: A circle radius 1.00NM centre
350900S 1471548E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: DLY 2100-1400 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: DOTAM RCO Kapooka

YMMM/D451 MARULAN
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 341556S 1500603E - 343541S 1500204E
then along the counter clockwise arc of a circle radius 1.00NM centre
343541S 1500317E - 343629S 1500402E
342025S 1502827E - 341556S 1500603E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: ACFR

YMMM/D457 MAJURA NORTH
FIRING
LATERAL LIMITS: 351450S 1491253E - 351427S 1491252E
351338S 1491319E - 351337S 1491430E
351448S 1491432E - 351450S 1491253E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: DOTAM RCO Majura

YMMM/D458 MAJURA SOUTH
FIRING
LATERAL LIMITS: 351716S 1491221E - 351552S 1491227E
351450S 1491253E - 351447S 1491527E
351713S 1491531E - 351716S 1491221E
VERTICAL LIMITS: SFC - 3400
HOURS OF ACTIVITY: MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: DOTAM RCO Majura

YMMM/D459 RICHMOND
MILITARY FLYING
LATERAL LIMITS: 332731S 1503436E
then along the clockwise arc of a circle radius 42.00NM centre
335638S 1511057E (SY/DME) - 331835S 1504927E
332613S 1505252E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 332940S 1503734E
332731S 1503436E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN RICHMOND

YMMM/D513 THE BALD HILLS
UAV OPERATIONS
LATERAL LIMITS: 320000S 1462736E - 315418S 1463718E
321006S 1465142E - 321554S 1464154E
320000S 1462736E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: NOTAM
CONTACT: Air Affairs Australia

YBBB/D523A TAMWORTH
FLYING TRAINING
LATERAL LIMITS: 311252S 1504800E - 311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 305911S 1503315E
then along THE POWER LINES - 310115S 1503948E
then along the counter clockwise arc of a circle radius 9.00NM centre
310358S 1504948E (TW/DME) - 311252S 1504800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YBBB/D523B TAMWORTH
FLYING TRAINING
LATERAL LIMITS: 313244S 1501153E - 311014S 1500638E
then along THE TAMARANG TO GUNNEDAH ROAD - 310214S 1501238E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305849S 1502042E
then along OXLEY HWY 3 - 305834S 1502759E
then along A POWER LINE - 305911S 1503315E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
313139S 1504417E
then along THE QUIRINDI RD - 313145S 1503950E
then along HWY 37 - 312536S 1503523E
312531S 1503430E
then along the counter clockwise arc of a circle radius 5.10NM centre
312955S 1503105E - 313035S 1502509E
then along PINE RIDGE TO SPRING RIDGE RD - 313244S 1501153E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D526 CADIA GOLD MINE
BLASTING
LATERAL LIMITS: A circle radius 1.60NM centre
332800S 1485949E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: MON - SAT-HJ
CONTACT: Newcrest Mining

YBBB/D531A GUNNEDAH
FLYING TRAINING
LATERAL LIMITS: 310549S 1495449E
then along ROAD 1 - 304616S 1495750E
then along the counter clockwise arc of a circle radius 5.00NM centre
304330S 1500240E - 304830S 1500310E
then along NORTH WESTERN RAILWAY - 305603S 1500932E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305922S 1500934E
then along OXLEY HWY 4 - 310549S 1495449E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D531B GUNNEDAH
FLYING TRAINING
LATERAL LIMITS: 304830S 1500310E
then along the counter clockwise arc of a circle radius 5.00NM centre
304330S 1500240E - 304039S 1500727E
then along ROAD 2 - 304124S 1501825E
304234S 1502102E - 304544S 1501903E
305108S 1502017E
then along THE ROAD 1 - 305330S 1501816E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305603S 1500932E
then along NORTH WESTERN RAILWAY - 304830S 1500310E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YMMM/D535 WOLLONGONG
PARACHUTING
LATERAL LIMITS: 342252S 1505459E - 342640S 1505430E
then along the clockwise arc of a circle radius 2.00NM centre
342442S 1505400E - 342252S 1505459E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YBBB/D537 SALT ASH
MILITARY FIRING
LATERAL LIMITS: 324401S 1515329E - 324345S 1515435E
324354S 1515548E - 324500S 1515515E
324527S 1515510E - 324552S 1515514E
324557S 1515432E - 324534S 1515428E
324521S 1515423E - 324401S 1515329E
VERTICAL LIMITS: SFC - 1300
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YMMM/D543 URANQUINTY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
351053S 1471253E
VERTICAL LIMITS: SFC - 1100
HOURS OF ACTIVITY: H24
CONTACT: Origin Energy Uranquinty

YBBB/D566A WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 321329S 1492125E - 315706S 1495502E
312442S 1503707E - 313029S 1504156E
314710S 1504945E - 315350S 1505254E
320243S 1505208E - 320827S 1504205E
324315S 1495932E - 322745S 1494203E
321329S 1492125E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D566B WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 320236S 1490547E - 314535S 1494048E
310811S 1502326E - 312442S 1503707E
315706S 1495502E - 321329S 1492125E
320236S 1490547E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576A WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576B WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576C WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576D WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D589 WILLIAMTOWN
VFR TRANSIT LANE
LATERAL LIMITS: 322340S 1514741E - 322220S 1514548E
then along 1NM PARL TO RAILWAY 3 - 321954S 1515410E
then along 1.5NM PARL TO RAILWAY 1 - 320000S 1515613E
then along 1.5NM PARL TO RAILWAY 9 - 315341S 1520208E
then along the clockwise arc of a circle radius 55.00NM centre
324749S 1514959E (SALUS/WPT) - 315436S 1520652E
then along 1.5NM PARL TO RAILWAY 8 - 320000S 1515947E
then along 1.5NM PARL TO RAILWAY 7 - 322140S 1515714E
then along 1NM PARL TO RAILWAY 6 - 322340S 1514741E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YMMM/D594 WILTON
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre
341318S 1504006E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: HJ
CONTACT: Sydney Parachute and Skydiving Centre

YBBB/D602 SCHERGER
MILITARY FLYING
LATERAL LIMITS: 122227S 1420650E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
125225S 1420338E
then along the counter clockwise arc of a circle radius 15.00NM centre
123726S 1420514E - 122227S 1420650E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D606 SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D611 BALLERA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
272336S 1414818E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: H24
CONTACT: SANTOS Ballera

YBBB/D612A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 274208S 1523214E - 272555S 1522508E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 271823S 1524304E
272924S 1524734E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274208S 1523214E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D612B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272555S 1522508E - 274208S 1523214E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274413S 1525155E
275324S 1524511E - 275825S 1524049E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D614A OAKEY
MILITARY FLYING
LATERAL LIMITS: 271313S 1512126E - 271257S 1512101E
271138S 1511854E - 265847S 1512129E
265903S 1512526E
then along the clockwise arc of a circle radius 30.00NM centre
272359S 1514417E (OK/DME) - 265423S 1515020E
265857S 1521835E - 270546S 1521703E
270427S 1521259E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 271054S 1520532E
then along the counter clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271313S 1512126E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN OAKEY

YBBB/D614B OAKEY
MILITARY FLYING
LATERAL LIMITS: 272335S 1511827E - 272309S 1511608E
271757S 1511618E - 271336S 1511708E
271401S 1512000E - 271257S 1512101E
271313S 1512126E
then along the counter clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 272335S 1511827E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN OAKEY

YBBB/D615 MOUNT ISA
FIRING
LATERAL LIMITS: 204239S 1393510E - 204228S 1393832E
204425S 1393840E - 204436S 1393518E
204239S 1393510E
VERTICAL LIMITS: SFC - 2400
HOURS OF ACTIVITY: NOTAM
CONTACT: Dept of Defence - ADF Range Management

YBBB/D617A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 252741S 1531556E - 245056S 1533838E
253153S 1541717E - 261542S 1532956E
261007S 1532543E - 254429S 1531651E
252741S 1531556E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 245056S 1533838E - 235901S 1541014E
244942S 1550203E - 253153S 1541717E
245056S 1533838E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 253153S 1541717E - 244942S 1550203E
253932S 1555400E - 261215S 1545558E
253153S 1541717E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261542S 1532956E - 253153S 1541717E
261215S 1545558E - 264643S 1535329E
261542S 1532956E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D618 SHOALWATER BAY WEST
MILITARY FLYING / TRANSIT AREA
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
222118S 1500920E - 222634S 1500643E
222937S 1500721E - 223312S 1500644E
223739S 1500649E - 223831S 1500710E
224207S 1500952E - 224321S 1501011E
224513S 1500958E - 224620S 1500957E
225130S 1501330E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Shoalwater Bay

YBBB/D619 ROCKHAMPTON
MILITARY FLYING
LATERAL LIMITS: 224324S 1494127E - 225130S 1501330E
230854S 1500954E - 224324S 1494127E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D621A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271743S 1505342E - 273440S 1515429E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 275251S 1515701E
280831S 1510338E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 271743S 1505342E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 280831S 1510338E - 275251S 1515701E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 280111S 1520130E
284432S 1512942E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 281000S 1494800E - 265738S 1494403E
271743S 1505342E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
282830S 1495324E - 281000S 1494800E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 291542S 1500721E - 282830S 1495324E
280831S 1510338E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 284432S 1512942E
291523S 1502357E - 291542S 1500721E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D623 CEDAR GROVE
ROCKET LAUNCHING
LATERAL LIMITS: A circle radius 0.50NM centre
275109S 1525727E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: Queensland Rocketry Society

YBBB/D629A GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 271700S 1525949E - 271313S 1525916E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271102S 1530748E
271328S 1530739E - 271358S 1530406E
271421S 1530353E - 271700S 1525949E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D629B GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 270826S 1530303E - 270658S 1530406E
270206S 1530840E - 270346S 1531220E
270429S 1531223E - 270811S 1530937E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270802S 1530759E
271102S 1530748E
then along the counter clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271313S 1525916E
then along D`AGUILAR HWY 30 - 270959S 1525843E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270826S 1530303E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D629C GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 264410S 1530809E - 264825S 1530817E
then along BRIBIE IS COAST - 270346S 1531220E
270206S 1530840E - 270658S 1530406E
270826S 1530303E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270959S 1525843E
then along D AGUILAR HWY 2 - 270518S 1525702E
270440S 1525708E - 264314S 1525832E
264410S 1530809E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D629D GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 270214S 1525717E - 270440S 1525708E
270507S 1525618E
then along DAGUILAR HWY1 - 270344S 1525426E
then along the clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 270214S 1525717E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D629E GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 264852S 1525810E - 270214S 1525717E
then along the counter clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 270344S 1525426E
then along DAGUILAR HWY3 - 265514S 1524308E
then along the clockwise arc of a circle radius 35.00NM centre
272303S 1530703E - 264852S 1525810E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D630A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272910S 1521604E - 272805S 1520505E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 270749S 1522329E
271325S 1524103E - 271823S 1524304E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
272910S 1521604E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272805S 1520505E - 272910S 1521604E
272555S 1522508E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 275825S 1524049E
281129S 1522924E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 272805S 1520505E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272805S 1520505E - 272523S 1515637E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
270749S 1522329E
then along the counter clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 272805S 1520505E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272523S 1515637E - 272805S 1520505E
then along the counter clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 281129S 1522924E
281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D632 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261215S 1545558E - 253932S 1555400E
261550S 1563028E - 263323S 1554655E
271312S 1544429E - 272300S 1542852E
264643S 1535329E - 261215S 1545558E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D635A BRISBANE WEST WELLCAMP
FLYING TRAINING
LATERAL LIMITS: 273148S 1511200E - 275800S 1511700E
275520S 1514027E - 275404S 1514216E
274958S 1514438E - 274757S 1514623E
274042S 1514251E - 274000S 1514303E
274329S 1513145E - 273307S 1512259E
273148S 1511200E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: HJ
CONTACT: Flight Training Adelaide

YBBB/D635B BRISBANE WEST WELLCAMP
FLYING TRAINING
LATERAL LIMITS: 273307S 1512259E - 274329S 1513145E
274000S 1514303E - 273847S 1514337E
273609S 1514408E - 273558S 1514350E
273453S 1514359E - 273442S 1514255E
273319S 1514306E - 273138S 1513445E
273206S 1513239E - 273054S 1512325E
273307S 1512259E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: HJ
CONTACT: Flight Training Adelaide

YBBB/D645 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 284432S 1512942E - 280111S 1520130E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 281805S 1522336E
290600S 1530540E - 291500S 1530330E
292053S 1531304E - 293619S 1525104E
290256S 1505043E - 284432S 1512942E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D648 PURGA RANGE
FIRING
LATERAL LIMITS: A circle radius 1.00NM centre
274307S 1524547E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Greenbank

YBBB/D652 OAKEY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.30NM centre
272504S 1514053E
VERTICAL LIMITS: SFC - 2800
HOURS OF ACTIVITY: H24
CONTACT: Power Holding

YBBB/D656A GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 281651S 1532755E - 281639S 1532750E
then along THE TWEED RIVER - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre
281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 510 - 281544S 1533500E
then along the clockwise arc of a circle radius 7.00NM centre
281008S 1533014E (CG/DME) - 281651S 1532755E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D656B GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 282408S 1532401E - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre
281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 490 - 282451S 1533347E
then along the clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 282408S 1532401E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D656C GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 282630S 1532700E - 282408S 1532401E
then along the counter clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 282451S 1533347E
then along COAST 480 - 283444S 1533348E
then along the clockwise arc of a circle radius 25.00NM centre
280952S 1533017E - 283455S 1533104E
283330S 1533000E - 282630S 1532700E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D656D GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 283609S 1533233E - 283455S 1533104E
then along the counter clockwise arc of a circle radius 25.00NM centre
280952S 1533017E - 283444S 1533348E
then along COAST 380 - 284027S 1533655E
283759S 1533324E - 283609S 1533233E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D658A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272300S 1542852E - 271312S 1544429E
274628S 1544429E - 272300S 1542852E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D658B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271312S 1544429E - 263323S 1554655E
261550S 1563028E - 271634S 1573103E
285010S 1563753E - 274628S 1544429E
271312S 1544429E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D664 KINGAROY
FLYING TRAINING
LATERAL LIMITS: 262600S 1514100E - 262200S 1515000E
263000S 1520300E - 264100S 1520100E
264700S 1514600E - 264300S 1514000E
262600S 1514100E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D666 ARCHERFIELD
FLYING TRAINING
LATERAL LIMITS: 273343S 1530446E - 273256S 1531450E
272552S 1532337E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273709S 1530113E
then along the counter clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273541S 1530326E
273343S 1530446E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D672 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 274658S 1530722E - 274514S 1525851E
274456S 1525810E
then along THE RAILWAY06 - 273709S 1530113E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273708S 1531300E
274658S 1530722E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D673 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 275415S 1525050E - 274640S 1525716E
then along THE RAILWAY 2 - 274520S 1525804E
274456S 1525810E - 274514S 1525851E
274658S 1530722E - 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275159S 1531027E
281000S 1530600E - 281000S 1525050E
275415S 1525050E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D675 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 274658S 1530722E - 273708S 1531300E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 272552S 1532337E
272419S 1532607E
then along COT OF NTH STRADBROKE IS - 274726S 1532619E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275151S 1531210E
274658S 1530722E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D679A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 285213S 1534939E - 282913S 1535739E
283347S 1540920E - 291321S 1550710E
302810S 1542553E - 301853S 1532932E
293923S 1533734E
then along the counter clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 285213S 1534939E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D679B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 302810S 1542553E - 291321S 1550710E
294816S 1555922E - 303825S 1553125E
302810S 1542553E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D688 MARYBOROUGH
FLYING TRAINING
LATERAL LIMITS: 252500S 1523900E - 252630S 1525700E
254030S 1525330E - 254330S 1523330E
253600S 1523500E - 252500S 1523900E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D690 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D691 BUNDABERG
FLYING TRAINING
LATERAL LIMITS: 245217S 1522138E - 244533S 1522445E
then along COAST 34 - 251100S 1523730E
251430S 1521630E - 250000S 1515730E
245257S 1521607E
then along the counter clockwise arc of a circle radius 3.00NM centre
245414S 1521907E - 245217S 1522138E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D698 ROCKHAMPTON
MILITARY FLYING
LATERAL LIMITS: 230854S 1500954E - 225130S 1501330E
225205S 1501631E - 225500S 1502700E
225417S 1503330E - 231516S 1502943E
then along the counter clockwise arc of a circle radius 7.00NM centre
232209S 1502814E - 231807S 1502200E
230854S 1500954E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D706 ROCKHAMPTON
FLYING TRAINING
LATERAL LIMITS: 233730S 1500930E - 232930S 1500800E
232720S 1502315E - 233100S 1502310E
233450S 1502317E - 233730S 1500930E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D722 GLADSTONE
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.25NM centre
234740S 1510908E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Cement Australia

YBBB/D723 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234609S 1511157E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: QCLNG

YBBB/D724 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234629S 1511232E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: Santos GLNG

YBBB/D726 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234540S 1511121E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: Australian Pacific Liquified Natural Gas

YBBB/D731 ATHERTON
FIRING
LATERAL LIMITS: 171712S 1452547E - 171549S 1452549E
171603S 1452737E - 171616S 1452803E
171628S 1452803E - 171646S 1452737E
171712S 1452547E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Atherton

YBBB/D745 TOWNSVILLE
MILITARY FLYING
LATERAL LIMITS: 181416S 1445605E - 181800S 1451230E
183133S 1453503E - 183832S 1454209E
190601S 1461011E - 191617S 1462043E
then along KEELBOTTOM CRK 1 - 192230S 1462120E
192445S 1462500E
then along HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along KEELBOTTOM CK - 193433S 1462045E
193635S 1462400E - 193832S 1463519E
195056S 1463353E - 195239S 1463341E
200113S 1454958E - 201158S 1445337E
201657S 1442650E - 191000S 1440000E
184958S 1444131E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 181416S 1445605E
VERTICAL LIMITS: SFC - 7000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TOWNSVILLE

YBBB/D762 CAIRNS
PARACHUTING ACTIVITY
LATERAL LIMITS: 170254S 1454442E - 170102S 1454406E
then along the clockwise arc of a circle radius 1.00NM centre
170044S 1454506E (THSM/WPT) - 165945S 1454516E
165952S 1454558E
then along the clockwise arc of a circle radius 1.00NM centre
170051S 1454548E (HVTG/WPT) - 170055S 1454651E
170253S 1454642E
then along the clockwise arc of a circle radius 1.00NM centre
170235S 1454542E - 170254S 1454442E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Airservices Australia Cairns

YBBB/D764 TOWNSVILLE
FLYING TRAINING
LATERAL LIMITS: 190830S 1462442E - 190436S 1462812E
then along SOUTH_COAST - 190855S 1463534E
then along the counter clockwise arc of a circle radius 11.00NM centre
191439S 1464530E (TL/DME) - 191555S 1463357E
191706S 1463224E - 191548S 1462536E
190830S 1462442E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D769A CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170020S 1455233E - 165659S 1455142E
then along the counter clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 165432S 1455234E
then along COAST 66 - 165333S 1455653E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170020S 1455233E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D769B CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170315S 1455318E - 170020S 1455233E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 165333S 1455653E
then along THE COAST 1 - 165351S 1455725E
165555S 1460005E - 170053S 1460022E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170600S 1455507E
then along THE COAST 5 - 170315S 1455318E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D771A CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170253S 1454642E - 170055S 1454651E
then along the counter clockwise arc of a circle radius 1.00NM centre
170051S 1454548E (HVTG/WPT) - 170026S 1454645E
then along the counter clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 165659S 1455142E
170020S 1455233E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170253S 1454642E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D771B CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170840S 1454837E - 170602S 1454638E
then along BRUCE HWY 1 - 170334S 1454556E
then along the counter clockwise arc of a circle radius 1.00NM centre
170235S 1454542E - 170253S 1454642E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170020S 1455233E
170315S 1455318E
then along THE COAST 5 - 170600S 1455507E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170840S 1454837E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D771C CAIRNS
FLYING TRAINING
LATERAL LIMITS: 171204S 1455131E - 170840S 1454837E
then along the counter clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170053S 1460022E
170647S 1460043E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 171204S 1455131E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D771D CAIRNS
FLYING TRAINING
LATERAL LIMITS: 171602S 1455454E - 171204S 1455131E
then along the counter clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 170647S 1460043E
170929S 1460052E - 171602S 1460207E
171602S 1455454E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: CASA OAR

YBBB/D772 WANGETTI
FIRING
LATERAL LIMITS: 164327S 1453341E - 164046S 1453342E
164045S 1453422E - 164140S 1453456E
164305S 1453509E - 164330S 1453445E
164327S 1453341E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: MON 2200-0600 WED 2200-0600 FRI-SUN 2200-0600 EXC PH or as amended by NOTAM
CONTACT: DOTAM RCO Wangetti

YBBB/D779 CAPE CLEVELAND
MILITARY FLYING
LATERAL LIMITS: 191841S 1465619E
then along the counter clockwise arc of a circle radius 11.00NM centre
191439S 1464530E (TL/DME) - 191111S 1465632E
190858S 1470333E
then along the clockwise arc of a circle radius 18.00NM centre
191439S 1464530E (TL/DME) - 192001S 1470340E
then along COASTAL_SOUTH - 192220S 1470540E
then along the clockwise arc of a circle radius 20.00NM centre
191509S 1464555E - 192438S 1470434E
192206S 1470230E - 191841S 1465619E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: DLY 2000-1400 EXC PH or as amended by NOTAM
CONTACT: DOTAM RCO Cape Cleveland

YBBB/D812 YAMPI SOUND
FIRING
LATERAL LIMITS: 163100S 1233000E - 163100S 1245100E
170000S 1245100E - 170000S 1235000E
164000S 1233000E - 163100S 1233000E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: DOTAM RCO Yampi Sound

YBBB/D813 CURTIN
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D814 CURTIN
MILITARY FLYING
LATERAL LIMITS: 174857S 1241306E - 181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D815 CURTIN
MILITARY FLYING
LATERAL LIMITS: 175828S 1234058E - 184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D816 CURTIN
MILITARY FLYING
LATERAL LIMITS: 173412S 1232458E - 173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D817 CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D818 CURTIN
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D819 CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D820 CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D830A CURTIN
MILITARY FLYING
LATERAL LIMITS: 173120S 1232517E - 172710S 1234151E
then along the counter clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 173650S 1233838E
174022S 1235351E - 174318S 1240032E
then along the counter clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 172910S 1240154E
173133S 1241659E
then along the clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/DME) - 173120S 1232517E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D830B CURTIN
MILITARY FLYING
LATERAL LIMITS: 173120S 1232517E
then along the clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/DME) - 173133S 1241659E
172910S 1240154E - 172710S 1234151E
173120S 1232517E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

MILITARY OPERATING AREAS

YMMM/M147A LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305400S 1145600E - 304530S 1151730E
305500S 1152400E - 310730S 1150500E
305400S 1145600E
VERTICAL LIMITS: SFC - FL700
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M147B LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 304530S 1151730E - 304100S 1152700E
305000S 1153300E - 305500S 1152400E
304530S 1151730E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M147C LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303857S 1150736E - 304100S 1152700E
304530S 1151730E - 304756S 1151121E
then along COAST 72 - 303941S 1150755E
then along COAST 71 - 303857S 1150736E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M161 PEARCE
MILITARY FLYING
LATERAL LIMITS: 321451S 1154124E - 321329S 1154047E
321349S 1155652E - 321336S 1160427E
330256S 1162449E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 325836S 1151838E
322835S 1153742E - 322232S 1153930E
321451S 1154124E
VERTICAL LIMITS: 6000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M166 PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315246S 1152456E - 314830S 1144746E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310608S 1151935E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT - 314543S 1154602E
315246S 1152456E
VERTICAL LIMITS: 2000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M170A PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315056S 1150842E - 315231S 1152240E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 320528S 1152349E
320856S 1151017E
then along the clockwise arc of a circle radius 42.00NM centre
315642S 1155734E (PH/DME) - 315056S 1150842E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M170B PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 320713S 1151704E - 320528S 1152349E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
321824S 1152342E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 320713S 1151704E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M171A PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 312349S 1145843E - 305033S 1140029E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 301034S 1145152E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 300806S 1145733E
then along 2 NM SEAWARD & PARL TO COT/1 - 303839S 1150455E
then along 2NM SEAWARD & PARL TO COT 8 - 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 9 - 310608S 1151935E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 312349S 1145843E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M171B PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314830S 1144746E - 314000S 1133807E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 305033S 1140029E
312349S 1145843E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 314830S 1144746E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M180 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315246S 1152456E - 314830S 1144746E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 312349S 1145843E
313811S 1152951E - 315001S 1153312E
315246S 1152456E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M181 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314000S 1130000E - 300003S 1130000E
300013S 1134939E - 300000S 1143000E
301034S 1145152E
then along the counter clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 314000S 1133807E
314000S 1130000E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182A STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314000S 1133807E - 314708S 1143609E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 321655S 1143839E
323051S 1134155E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 314000S 1133807E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182B STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314708S 1143609E - 315056S 1150842E
then along the counter clockwise arc of a circle radius 42.00NM centre
315642S 1155734E (PH/DME) - 320856S 1151017E
321655S 1143839E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 314708S 1143609E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182C STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323051S 1134155E - 321655S 1143839E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 323844S 1145127E
330823S 1140335E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 323051S 1134155E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182D STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321655S 1143839E - 320713S 1151704E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 321824S 1152342E
323844S 1145127E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 321655S 1143839E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182E STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 330823S 1140335E - 323844S 1145127E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 325836S 1151838E
334240S 1145016E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 330823S 1140335E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182F STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323844S 1145127E - 321824S 1152342E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322835S 1153742E
325836S 1151838E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 323844S 1145127E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182G STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321824S 1152342E - 321447S 1152922E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 322232S 1153930E
322835S 1153742E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 321824S 1152342E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M195 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 313414S 1144601E - 311742S 1134438E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 302425S 1142753E
305400S 1145600E - 310853S 1150555E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 313414S 1144601E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M201 ADELAIDE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354540S 1381803E - 361000S 1381000E
361526S 1373100E - 365211S 1370408E
then along the counter clockwise arc of a circle radius 150.00NM centre
344217S 1383645E (EDN/TAC) - 370357S 1393812E
355448S 1390739E - 354202S 1385743E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/M277A DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 121407S 1301510E - 121911S 1302938E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 123235S 1302954E
123651S 1301511E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 121407S 1301510E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277B DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 120216S 1293608E - 121226S 1301020E
121407S 1301510E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 123651S 1301511E
124809S 1293554E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 120216S 1293608E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277C DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125922S 1285635E - 124809S 1293555E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 120216S 1293608E
115034S 1285706E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 125922S 1285635E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277D DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 131315S 1280721E - 125922S 1285635E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 115034S 1285706E
113548S 1280823E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 131315S 1280721E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277E DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 123235S 1302954E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 124426S 1303742E
125551S 1302741E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 123651S 1301511E
123235S 1302954E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277F DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124809S 1293555E - 123651S 1301511E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 125551S 1302741E
132616S 1300054E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 124809S 1293555E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277G DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125922S 1285635E - 124809S 1293555E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 132616S 1300054E
135638S 1293400E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 125922S 1285635E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M277H DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 131315S 1280721E - 125922S 1285635E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 135638S 1293400E
143432S 1290013E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 131315S 1280721E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278A DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 120017S 1305453E - 114513S 1305433E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 115307S 1311842E
120513S 1310935E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120017S 1305453E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278B DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 114513S 1305433E - 110502S 1305339E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 112050S 1314258E
115307S 1311842E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 114513S 1305433E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278C DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 110502S 1305339E - 102452S 1305246E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 104830S 1320707E
112050S 1314258E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 110502S 1305339E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278D DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 102452S 1305246E - 095444S 1305207E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 102414S 1322511E
104830S 1320707E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 102452S 1305246E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278E DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 120513S 1310935E - 115307S 1311842E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 121423S 1313341E
121853S 1311903E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120513S 1310935E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278F DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 115307S 1311842E - 112050S 1314258E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 120220S 1321238E
121423S 1313341E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 115307S 1311842E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278G DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 112050S 1314258E - 104830S 1320707E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 115011S 1325132E
120220S 1321238E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 112050S 1314258E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M278H DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 104830S 1320707E - 102414S 1322511E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 114101S 1332040E
115011S 1325132E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 104830S 1320707E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YMMM/M301A EAST SALE
MILITARY FLYING
LATERAL LIMITS: 383345S 1461609E - 381716S 1464804E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 374625S 1471439E
371704S 1472239E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383345S 1461609E
VERTICAL LIMITS: 4000 - FL210
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/M301B EAST SALE
MILITARY FLYING
LATERAL LIMITS: A circle radius 50.00NM centre
380556S 1470858E
VERTICAL LIMITS: FL210 - FL450
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/M335A WESTERN PORT
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 383223S 1444141E - 383000S 1445522E
then along the clockwise arc of a circle radius 5.00NM centre
382855S 1450135E - 383252S 1450528E
383444S 1450737E - 384412S 1450736E
then along the clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 383223S 1444141E
VERTICAL LIMITS: SFC - 9000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M335B WESTERN PORT
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 382855S 1450135E - 383223S 1444141E
then along the counter clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 384455S 1450200E
382907S 1450200E - 382855S 1450135E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M335C WESTERN PORT
MILITARY NON-FLYING
LATERAL LIMITS: 382907S 1450200E - 383252S 1450528E
383444S 1450737E - 384412S 1450736E
then along the clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 384455S 1450200E
382907S 1450200E
VERTICAL LIMITS: 9000 - FL180
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M440A TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 345911S 1504237E - 345959S 1504953E
then along the counter clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (UXUTI/WPT) - 345730S 1505014E
345724S 1505958E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351202S 1505314E
350304S 1504006E
then along the counter clockwise arc of a circle radius 9.00NM centre
345700S 1503200E (UXUTI/WPT) - 345911S 1504237E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440B TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 350559S 1503300E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351202S 1505314E
350304S 1504006E
then along the clockwise arc of a circle radius 9.00NM centre
345700S 1503200E (UXUTI/WPT) - 350559S 1503300E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440C TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345724S 1505958E - 345702S 1513023E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 351327S 1512658E
350504S 1505814E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345724S 1505958E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440D TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350504S 1505814E - 351327S 1512658E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 352800S 1511647E
351202S 1505314E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 350504S 1505814E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440E TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 351202S 1505314E - 352800S 1511647E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 353838S 1510120E
351658S 1504559E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351202S 1505314E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440F TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354453S 1503710E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 351658S 1504559E
353838S 1510120E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 354453S 1503710E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440G TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345702S 1513023E - 345632S 1515935E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 352123S 1515438E
351327S 1512658E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 345702S 1513023E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440H TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 351327S 1512658E - 352123S 1515438E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 354314S 1513932E
352800S 1511647E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 351327S 1512658E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440J TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352800S 1511647E - 354314S 1513932E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 355923S 1511613E
353838S 1510120E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 352800S 1511647E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440K TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 353838S 1510120E - 355923S 1511613E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 360850S 1503946E
354453S 1503710E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (UXUTI/WPT) - 353838S 1510120E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440L TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345632S 1515935E - 345601S 1522527E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 353656S 1525015E
352123S 1515438E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 345632S 1515935E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440M TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352123S 1515438E - 353656S 1525015E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 361330S 1522529E
354314S 1513932E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 352123S 1515438E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440N TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354314S 1513932E - 361330S 1522529E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 364048S 1514621E
355923S 1511613E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 354314S 1513932E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440P TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 360850S 1503946E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 364048S 1514621E
355923S 1511613E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (UXUTI/WPT) - 360850S 1503946E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M441 BEECROFT HEAD
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345900S 1510700E - 350854S 1510700E
350527S 1504856E - 350527S 1504712E
350606S 1504248E - 350420S 1504215E
350218S 1504209E - 350000S 1504400E
350124S 1504715E - 350124S 1505024E
345900S 1510700E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M442A TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 342640S 1510944E - 340600S 1511943E
340600S 1514515E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 342640S 1510944E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442B TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 343000S 1510807E - 342640S 1510944E
then along the counter clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 340600S 1514515E
340600S 1520316E - 343000S 1515135E
343000S 1510807E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442C TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 342029S 1515614E - 340600S 1520316E
340600S 1523425E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 343056S 1522435E
342029S 1515614E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M442D TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 345101S 1532017E - 343056S 1522435E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 340600S 1523425E
340600S 1533454E
then along the clockwise arc of a circle radius 120.00NM centre
335638S 1511057E (SY/DME) - 345101S 1532017E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442E TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 343000S 1515135E - 342029S 1515614E
345101S 1532017E
then along the clockwise arc of a circle radius 120.00NM centre
335638S 1511057E (SY/DME) - 351925S 1525624E
343000S 1515135E
VERTICAL LIMITS: SFC - FL205
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M443 TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 333802S 1515102E - 332606S 1520027E
332547S 1522203E - 334442S 1522204E
334723S 1515102E - 333802S 1515102E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444A TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 344030S 1510300E - 343000S 1510807E
343000S 1513000E - 345702S 1513023E
345724S 1505958E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (UXUTI/WPT) - 345607S 1505957E
344356S 1510000E - 344030S 1510300E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444B TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345702S 1513023E - 343000S 1513000E
343000S 1515135E - 343630S 1515959E
345632S 1515935E - 345702S 1513023E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444C TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345632S 1515935E - 343630S 1515959E
345601S 1522527E - 345632S 1515935E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M581 WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 321258S 1524130E - 322917S 1532440E
334906S 1524538E - 334854S 1520641E
333926S 1520206E - 331154S 1515814E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 324219S 1521854E
324038S 1522734E - 321258S 1524130E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M582 WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 322917S 1532440E - 325503S 1543446E
334855S 1540250E - 334906S 1524538E
322917S 1532440E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M583 WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 311724S 1530823E - 320101S 1550606E
325503S 1543446E - 322917S 1532440E
321258S 1524130E - 311724S 1530823E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M584 WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 310443S 1553803E
320101S 1550606E - 311724S 1530823E
304333S 1532427E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M610A SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M610B SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M640A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 252741S 1531556E - 245056S 1533838E
253153S 1541717E - 261542S 1532956E
261007S 1532543E - 254429S 1531651E
252741S 1531556E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 245056S 1533838E - 235901S 1541014E
244942S 1550203E - 253153S 1541717E
245056S 1533838E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 253153S 1541717E - 244942S 1550203E
253932S 1555400E - 261215S 1545558E
253153S 1541717E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261542S 1532956E - 253153S 1541717E
261215S 1545558E - 264643S 1535329E
261542S 1532956E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M641 EVANS HEAD
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 285621S 1533128E - 285213S 1534939E
then along the clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 294139S 1531907E
then along THE COAST 52 - 293441S 1532005E
then along THE COAST 50 - 293146S 1532132E
then along THE COAST 48 - 292628S 1532212E
then along THE COAST 3001 - 291829S 1532028E
then along THE COAST 3000 - 290741S 1532653E
then along THE COAST 47 - 290655S 1532611E
then along THE COAST 45 - 285621S 1533128E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M646 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 264643S 1535329E - 261215S 1545558E
253932S 1555400E - 261550S 1563028E
263323S 1554655E - 271312S 1544429E
272300S 1542852E - 264643S 1535329E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M649A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272300S 1542852E - 271312S 1544429E
274628S 1544429E - 272300S 1542852E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M649B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271312S 1544429E - 263323S 1554655E
261550S 1563028E - 271634S 1573103E
285010S 1563753E - 274628S 1544429E
271312S 1544429E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M661A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 285213S 1534939E - 283215S 1535636E
283312S 1540749E - 283347S 1540920E
291321S 1550710E - 302810S 1542553E
301853S 1532932E - 293923S 1533734E
then along the counter clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 285213S 1534939E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M661B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 302810S 1542553E - 291321S 1550710E
294816S 1555922E - 303825S 1553125E
302810S 1542553E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M670A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M670B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: FL245 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M678 SHOALWATER BAY
MILITARY FLYING
LATERAL LIMITS: 222634S 1500643E - 222159S 1500347E
221509S 1500040E
then along the clockwise arc of a circle radius 30.00NM centre
221600S 1503300E - 224119S 1505031E
221900S 1504900E - 220600S 1504500E
220600S 1503000E - 221234S 1502527E
221500S 1502000E - 221700S 1501200E
222015S 1501158E - 222118S 1501028E
222118S 1500920E - 222634S 1500643E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DOTAM RCO Shoalwater Bay

YBBB/M694 ELLIOTT
MILITARY FLYING
LATERAL LIMITS: 242400S 1520800E - 241100S 1523100E
242800S 1525800E - 244100S 1523400E
242400S 1520800E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M742 TIGER
MILITARY FLYING
LATERAL LIMITS: 185334S 1465948E - 180705S 1473102E
then along the clockwise arc of a circle radius 80.00NM centre
191439S 1464530E (TL/DME) - 191117S 1480957E
191342S 1471154E
then along the counter clockwise arc of a circle radius 25.00NM centre
191439S 1464530E (TL/DME) - 185334S 1465948E
VERTICAL LIMITS: 4000 - FL240
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/M777 CAIRNS (OUTER REEF)
MILITARY NON-FLYING
LATERAL LIMITS: 164130S 1461500E - 163000S 1461500E
163000S 1463300E - 164130S 1463300E
164130S 1461500E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M821A CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M821B CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M822A CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M822B CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M823A CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M823B CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M824 CURTIN
MILITARY FLYING
LATERAL LIMITS: 160426S 1205617E - 140427S 1225624E
150457S 1235817E - 170428S 1215617E
160426S 1205617E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M855A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213740S 1142344E - 202443S 1145927E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 212224S 1160208E
215704S 1144439E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213740S 1142344E
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M855B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213740S 1142344E - 202443S 1145927E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 212224S 1160208E
215704S 1144439E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213740S 1142344E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M856A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 204914S 1133234E - 195235S 1131054E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195719S 1151242E
205205S 1144607E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M856B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 204914S 1133234E - 195235S 1131054E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195719S 1151242E
205205S 1144607E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M857A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213625S 1135049E - 204914S 1133234E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 205205S 1144607E
213740S 1142344E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213625S 1135049E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M857B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213625S 1135049E - 204914S 1133234E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 205205S 1144607E
213740S 1142344E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213625S 1135049E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: NOTAM - 10000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858C LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M865A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222108S 1132311E - 222933S 1122959E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
213625S 1135049E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222108S 1132311E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M865B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222108S 1132311E - 222933S 1122959E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
213625S 1135049E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222108S 1132311E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M866A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 223916S 1112600E - 222933S 1122959E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 233856S 1133216E
243526S 1130938E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 223916S 1112600E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M866B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 223916S 1112600E - 222933S 1122959E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 233856S 1133216E
243526S 1130938E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 223916S 1112600E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M867A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 225149S 1135054E - 233856S 1133216E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
222108S 1132311E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 225149S 1135054E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M867B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 225149S 1135054E - 233856S 1133216E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
222108S 1132311E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 225149S 1135054E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M868A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222933S 1122959E - 223916S 1112600E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195235S 1131054E
204914S 1133234E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M868B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222933S 1122959E - 223916S 1112600E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195235S 1131054E
204914S 1133234E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M869A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 220641S 1135135E - 221043S 1135906E
then along LINE RD 1 - 221409S 1135801E
222839S 1140132E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 220641S 1135135E
VERTICAL LIMITS: NOTAM - FL250
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M869B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 215407S 1132818E - 220641S 1135135E
then along the counter clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 222855S 1140250E
225337S 1135810E
then along the clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215407S 1132818E
VERTICAL LIMITS: NOTAM - FL250
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

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SECTION 14 – BROADCAST AREAS

The contact for the broadcast areas listed in this Section is the Civil Aviation Safety Authority.

YMMM/ABROLHOS BROADCAST AREA 127.1

LATERAL LIMITS: 282829S 1143003E - 290233S 1143734E
290415S 1135756E - 285750S 1134656E
281358S 1132835E - 275954S 1141713E
282829S 1143003E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/ALBANY BROADCAST AREA 127.85

LATERAL LIMITS: 350932S 1173730E - 350344S 1170037E
then along the clockwise arc of a circle radius 40.00NM centre
345636S 1174832E - 344409S 1183443E
345643S 1182429E - 350932S 1175703E
350932S 1173730E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: H24

YBBB/ARAFURA BROADCAST AREA 127.15

LATERAL LIMITS: 135123S 1350000E - 095000S 1350000E
095000S 1360000E - 131321S 1360000E
131333S 1355800E - 135123S 1350000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/AYERS ROCK MANDATORY BROADCAST AREA 126.9

LATERAL LIMITS: A circle radius 20.00NM centre
251110S 1305832E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: H24

YMMM/BASS STRAIT EAST BROADCAST AREA 129.75

LATERAL LIMITS: 380309S 1475757E - 380109S 1483429E
382004S 1483829E - 384031S 1482510E
384749S 1480551E - 383500S 1471230E
382555S 1470724E
then along THE COAST (90 MILE BEACH) - 380504S 1473416E
380309S 1475757E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/BATHURST IS/GARDEN PT/SNAKE BAY BROADCAST AREA 126.5

LATERAL LIMITS: 121110S 1304614E - 113157S 1294019E
then along the clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 111245S 1314900E
113257S 1313352E - 120949S 1305202E
then along the counter clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 121110S 1304614E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/BOUCAUT BROADCAST AREA 127.5

LATERAL LIMITS: 134819S 1334000E - 095000S 1334000E
095000S 1350000E - 135123S 1350000E
135601S 1345250E - 135123S 1335709E
134819S 1334000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/CAPES BROADCAST AREA 132.25

LATERAL LIMITS: 335145S 1145613E - 333001S 1145859E
333818S 1151235E - 335541S 1151217E
342245S 1153342E - 342659S 1153247E
342209S 1150453E - 341530S 1145916E
335145S 1145613E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: H24

YBBB/CAPRICORN BROADCAST AREA 132.2

LATERAL LIMITS: 225417S 1503328E - 225400S 1503600E
224750S 1503722E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 233835S 1510337E
232749S 1503902E
then along the counter clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 231205S 1503015E
225417S 1503328E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24

YBBB/CASSOWARY BROADCAST AREA 132.9

LATERAL LIMITS: 181553S 1454107E - 172707S 1454307E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171034S 1461614E
180306S 1461416E - 180610S 1460622E
then along the clockwise arc of a circle radius 10.00NM centre
181042S 1455700E - 181338S 1454657E
181553S 1454107E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/DARLING DOWNS BROADCAST AREA A 127.65

LATERAL LIMITS: 273250S 1513827E - 272352S 1513840E
then along the counter clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 271915S 1514610E
272335S 1515950E - 272733S 1520320E
273244S 1520251E - 274212S 1520136E
274143S 1514014E - 273250S 1513827E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/DARLING DOWNS BROADCAST AREA B 127.65

LATERAL LIMITS: A circle radius 5.00NM centre
272359S 1514417E (OK/DME)
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/EAST KIMBERLEY BROADCAST AREA 127.3

LATERAL LIMITS: 160900S 1282350E - 155008S 1282718E
then along the counter clockwise arc of a circle radius 15.00NM centre
154641S 1284227E - 155357S 1285604E
155855S 1290000E - 174500S 1290000E
174500S 1274814E
then along the clockwise arc of a circle radius 9.90NM centre
173956S 1275709E - 173000S 1275700E
172400S 1280130E - 170830S 1280930E
165330S 1281600E - 162800S 1281400E
162320S 1281300E - 161500S 1282030E
160900S 1282350E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YMMM/FLINDERS ISLAND BROADCAST AREA 127.8

LATERAL LIMITS: 400448S 1473037E - 395145S 1473204E
then along the clockwise arc of a circle radius 10.00NM centre
395236S 1474501E - 394540S 1473540E
393622S 1474714E
then along the clockwise arc of a circle radius 10.00NM centre
394317S 1475635E - 393555S 1480520E
395036S 1482611E
then along the clockwise arc of a circle radius 10.00NM centre
395800S 1481726E - 395502S 1482951E
402315S 1484120E
then along the clockwise arc of a circle radius 10.00NM centre
402614S 1482850E - 403428S 1483618E
404402S 1481807E
then along the clockwise arc of a circle radius 10.00NM centre
403547S 1481040E - 404250S 1480121E
402501S 1473816E
then along the clockwise arc of a circle radius 10.00NM centre
401800S 1474735E - 402024S 1473453E
400802S 1473057E
then along the clockwise arc of a circle radius 10.00NM centre
400539S 1474336E - 400448S 1473037E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/GROOTE EYLANDT BROADCAST AREA 126.0

LATERAL LIMITS: A circle radius 30.00NM centre
135824S 1362739E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/KATHERINE GORGE BROADCAST AREA 126.7

LATERAL LIMITS: 142114S 1322205E - 140109S 1322145E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141317S 1324729E
142506S 1323049E
then along the counter clockwise arc of a circle radius 10.00NM centre
143116S 1322240E - 142114S 1322205E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24

YBBB/KINCHANT BROADCAST AREA 132.05

LATERAL LIMITS: 211418S 1490622E - 211650S 1490315E
211700S 1484846E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 210513S 1484821E
210903S 1490459E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211418S 1490622E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24

YMMM/LAKE EYRE BROADCAST AREA 127.8

LATERAL LIMITS: 300000S 1360000E - 273000S 1360000E
273000S 1390000E - 300000S 1390000E
300000S 1360000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/MACKAY BROADCAST AREA 126.7

LATERAL LIMITS: 212749S 1494500E - 211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 210138S 1491827E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 204713S 1493627E
210543S 1494924E
then along the clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 212749S 1494500E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/MARLIN BROADCAST AREA 127.0

LATERAL LIMITS: 164344S 1453440E - 162910S 1451446E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171034S 1461614E
165555S 1460005E - 165327S 1455654E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164344S 1453440E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/NEWCASTLE CBD WARNERVALE BROADCAST AREA 132.1

LATERAL LIMITS: 330530S 1514348E
then along the clockwise arc of a circle radius 10.00NM centre
325530S 1514312E - 324707S 1513642E
324708S 1513658E - 324722S 1513730E
then along NEW ENGLAND HWY 2 - 324914S 1514052E
then along SOUTHBANK/ARM HUNTER RVR 1 - 325524S 1514723E
325922S 1514559E - 330530S 1514348E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/NHULUNBUY BROADCAST AREA 127.8

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1390000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/NORTH KIMBERLEY BROADCAST AREA 128.0

LATERAL LIMITS: 142014S 1233752E - 115249S 1270533E
120449S 1280201E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143421S 1290000E
153543S 1290000E - 154023S 1285634E
then along the counter clockwise arc of a circle radius 15.00NM centre
154641S 1284227E - 155008S 1282718E
160900S 1282350E - 161500S 1282030E
162320S 1281300E - 162800S 1281400E
165330S 1281600E - 170004S 1281310E
164200S 1262800E - 155648S 1251500E
154406S 1250206E - 142014S 1233752E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YMMM/NORTH WEST SHELF BROADCAST AREA 127.15

LATERAL LIMITS: 202618S 1161830E - 194903S 1151640E
then along the clockwise arc of a circle radius 100.00NM centre
204254S 1164626E (KA/DME) - 190406S 1170510E
201217S 1165217E
then along the counter clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 202618S 1161830E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/PORT HEDLAND MANDATORY BROADCAST AREA 119.9

LATERAL LIMITS: A circle radius 20.00NM centre
202240S 1183735E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: H24

YBBB/PROSERPINE GROUP BROADCAST AREA 126.7

LATERAL LIMITS: 203952S 1484504E
then along the clockwise arc of a circle radius 15.00NM centre
202949S 1483310E (PN/DME) - 201450S 1483454E
203212S 1485544E - 203952S 1484504E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/REDCLIFFE BROADCAST AREA 127.15

LATERAL LIMITS: 270959S 1525843E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270811S 1530937E
271529S 1530848E
then along the counter clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 271917S 1530104E
272058S 1530006E - 271700S 1525949E
271313S 1525916E
then along D`AGUILAR HWY 30 - 270959S 1525843E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/THE LAKES /OLD BAR /CAMDEN HAVEN BROADCAST AREA 118.1

LATERAL LIMITS: 314746S 1522103E - 312038S 1524203E
then along the clockwise arc of a circle radius 10.00NM centre
312609S 1525148E - 313004S 1530234E
314648S 1525416E
then along the clockwise arc of a circle radius 10.00NM centre
314253S 1524329E - 315005S 1525139E
320031S 1523900E
then along the clockwise arc of a circle radius 10.00NM centre
315319S 1523050E - 314746S 1522103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/TORRES STRAIT BROADCAST AREA 126.5

LATERAL LIMITS: A circle radius 40.00NM centre
103511S 1421724E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/TYAGARAH/MURWILLUMBAH BROADCAST AREA 127.55

LATERAL LIMITS: 281240S 1532550E - 281651S 1532755E
then along the counter clockwise arc of a circle radius 7.00NM centre
281008S 1533014E (CG/DME) - 281541S 1533505E
283919S 1533830E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283859S 1532037E
282740S 1531506E - 281753S 1531740E
281240S 1532550E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YMMM/UPPER SPENCER GULF BROADCAST AREA 126.9

LATERAL LIMITS: 321306S 1372823E - 321306S 1374840E
331246S 1381955E - 332133S 1381955E
332133S 1371100E - 324300S 1370635E
321306S 1372823E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/VICTOR 1 MANDATORY BROADCAST AREA 120.8

LATERAL LIMITS: 334438S 1511903E - 334439S 1512000E
340025S 1512007E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334905S 1511542E
then along SY COAST 2 - 334807S 1511712E
334758S 1511726E
then along SY COAST 1 - 334438S 1511903E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

YBBB/WEST KIMBERLEY BROADCAST AREA 127.2

LATERAL LIMITS: 171449S 1220814E - 161831S 1225441E
160049S 1233614E - 160406S 1240050E
then along the clockwise arc of a circle radius 20.00NM centre
162400S 1235800E - 163548S 1241450E
165956S 1235638E - 170002S 1234959E
175048S 1222108E
then along the counter clockwise arc of a circle radius 9.00NM centre
175649S 1221405E (BRM/DME) - 174953S 1220802E
171449S 1220814E

VERTICAL LIMITS: SFC - BCTA or A100

HOURS OF ACTIVITY: H24

YBBB/WHITSUNDAY BROADCAST AREA 127.85

LATERAL LIMITS: 203212S 1485544E - 201450S 1483454E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 195940S 1485138E
194033S 1490311E
then along the clockwise arc of a circle radius 15.00NM centre
194800S 1491700E - 195333S 1493148E
203202S 1491741E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 203952S 1484504E
203212S 1485544E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

YMMM/WILPENA BROADCAST AREA 126.7

LATERAL LIMITS: 310000S 1382000E - 310000S 1384500E
315500S 1384500E - 315500S 1382000E
310000S 1382000E

VERTICAL LIMITS: SFC - 5000

HOURS OF ACTIVITY: H24

YMMM/YARRA BANK BROADCAST AREA 132.1

LATERAL LIMITS: 374847S 1445419E - 374906S 1445812E
374924S 1445918E - 374944S 1445917E
374945S 1445726E
then along THE WESTGATE FWY - 374952S 1445343E
then along W BANK MARIBYRNONG RVR - 374847S 1445419E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

SECTION 15 – HF AREA BOUNDARIES

YBBB-YMMM/INO-1 MWARA

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1100000E - 120000S 1232000E
122326S 1262303E - 173711S 1184534E
190000S 1150000E - 193036S 1133123E
215000S 1113000E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
371038S 1250454E - 422100S 1410000E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E
NOTES: 3476, 5634, 8879, 13306, 17961

YBBB-YMMM/NORTH EASTERN HF

LATERAL LIMITS: 150000S 1400000E - 095000S 1400000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1483424E - 160959S 1510621E
184027S 1510035E - 221521S 1520250E
231318S 1531430E - 245904S 1540031E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
304020S 1533146E - 325301S 1522631E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331611S 1504709E
333003S 1501311E - 331836S 1500031E
331103S 1495213E - 324914S 1492824E
324303S 1492142E - 320540S 1484951E
290000S 1463200E - 290000S 1433000E
261331S 1382324E - 221751S 1363807E
215132S 1362225E - 212959S 1361944E
204356S 1361402E - 190114S 1374020E
172018S 1370918E - 154212S 1371254E
150836S 1382042E - 145629S 1385236E
150000S 1400000E
NOTES: 3452, 6610, 8831

YBBB-YMMM/NORTH WESTERN HF

LATERAL LIMITS: 173711S 1184534E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1400000E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 172018S 1370918E
190114S 1374020E - 204356S 1361402E
212959S 1361944E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
NOTES: 3452, 6541, 8843

YBBB/SEA-3 MWARA (1)

LATERAL LIMITS: 120000S 1232000E - 122326S 1262303E
102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 070000S 1350000E
092000S 1265000E - 120000S 1232000E
NOTES: 3470, 6556, 11396, 13318, 17907

YBBB/SEA-3 MWARA (2)

LATERAL LIMITS: 120000S 1483424E - 160959S 1510621E
184027S 1510035E - 221521S 1520250E
231318S 1531430E - 244940S 1535622E
212250S 1630000E - 174000S 1630000E
140000S 1611500E - 140000S 1550000E
120000S 1550000E - 120000S 1483424E
NOTES: 3470, 6556, 11396, 13318, 17907

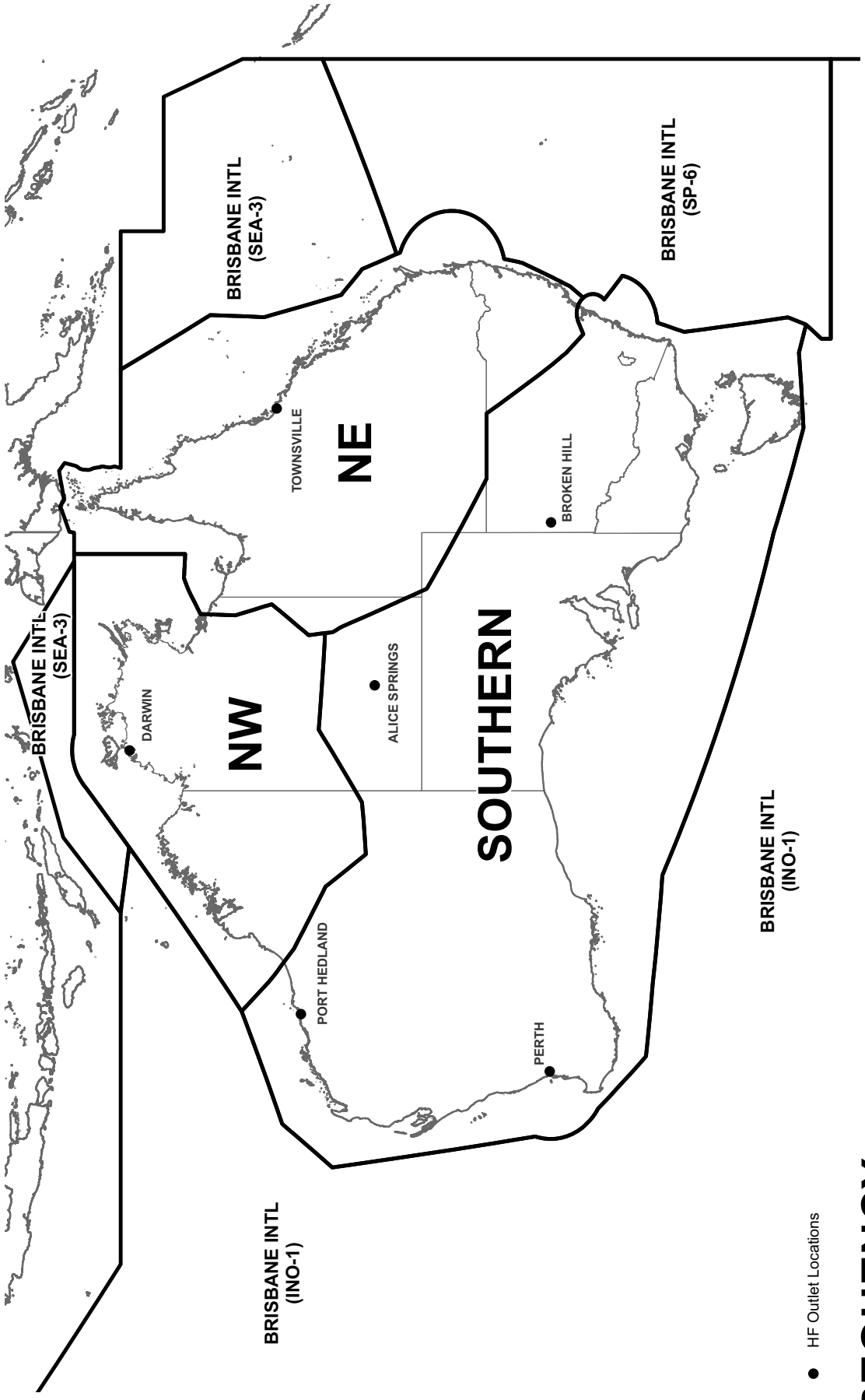
YBBB-YMMM/SOUTHERN HF

LATERAL LIMITS: 184759S 1153344E - 173711S 1184534E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
320540S 1484951E - 324303S 1492142E
324914S 1492824E - 331103S 1495213E
331836S 1500031E - 333003S 1501311E
331611S 1504709E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 422100S 1410000E
404446S 1350000E - 384355S 1290000E
371038S 1250454E - 364312S 1200000E
362500S 1164000E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311548S 1125625E
215000S 1113000E - 193036S 1133123E
184759S 1153344E
NOTES: 3461, 6565, 8822

YBBB-YMMM/SP-6 MWARA

LATERAL LIMITS: 244940S 1535622E - 212250S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (UXUTI/WPT) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E - 304020S 1533146E
294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245904S 1540031E
244940S 1535622E
NOTES: 3467, 5643, 8867, 13261, 17904

HF AREA BOUNDARIES DIAGRAM



FREQUENCY

NORTH WESTERN	3452	6541	8843 (KHz)	SP-6 BRISBANE INTL	3467 5643 8867 13261 17904 (KHz)
NORTH EASTERN	3452	6610	8831 (KHz)	SEA-3 BRISBANE INTL	3470 6556 11396 13318 17907 (KHz)
SOUTHERN	3461	6565	8822 (KHz)	INO-1 BRISBANE INTL	3476 5634 8879 13306 17961 (KHz)

SECTION 16 − BRIEFING AND METEOROLOGICAL AREA BOUNDARIES

PART 1: BRIEFING AND QNH AREA ZONE BOUNDARIES

Areas 98 and 99 are defined for NOTAM briefing purposes only (not QNH Area)

YBBB-YMMM/QNH AREA 20

LATERAL LIMITS: 324500S 1482300E - 290000S 1500000E
280237S 1544211E - 285000S 1550000E
342000S 1524000E - 335646S 1511038E
335528S 1505918E - 332434S 1493907E
324500S 1482300E

YBBB-YMMM/QNH AREA 21

LATERAL LIMITS: 361143S 1465529E - 324500S 1482300E
332434S 1493907E - 335528S 1505918E
335646S 1511038E - 342000S 1524000E
375252S 1505214E - 373014S 1495834E
361143S 1465529E

YBBB-YMMM/QNH AREA 22

LATERAL LIMITS: 290000S 1410000E - 290000S 1500000E
324500S 1482300E - 361143S 1465529E
333900S 1410000E - 290000S 1410000E

YBBB/QNH AREA 24

LATERAL LIMITS: 342000S 1524000E - 285000S 1550000E
283000S 1630000E - 312000S 1630000E
342000S 1524000E

YBBB-YMMM/QNH AREA 30

LATERAL LIMITS: 333900S 1410000E - 361143S 1465529E
373014S 1495834E - 375252S 1505214E
393412S 1501200E - 393412S 1425127E
393412S 1410000E - 333900S 1410000E

YBBB/QNH AREA 40

LATERAL LIMITS: 230922S 1474915E - 230921S 1525152E
280237S 1544211E - 290000S 1500000E
233400S 1481100E - 230922S 1474915E

YBBB-YMMM/QNH AREA 41

LATERAL LIMITS: 260000S 1380000E - 230922S 1380000E
230922S 1474915E - 233400S 1481100E
290000S 1500000E - 290000S 1410000E
260000S 1410000E - 260000S 1380000E

YBBB/QNH AREA 43

LATERAL LIMITS: 230922S 1380000E - 190000S 1380000E
181800S 1433200E - 230922S 1474915E
230922S 1380000E

YBBB/QNH AREA 44

LATERAL LIMITS: 181800S 1433200E - 181700S 1480000E
230921S 1525152E - 230922S 1474915E
181800S 1433200E

YBBB/QNH AREA 45

LATERAL LIMITS: 095000S 1410000E - 093700S 1410200E
091542S 1420330E - 091248S 1420624E
091154S 1420836E - 091200S 1421018E
091124S 1421254E - 091136S 1421406E
091354S 1421624E - 091606S 1422042E
092206S 1422942E - 092148S 1423130E
092236S 1423330E - 092124S 1423530E
092024S 1424142E - 092018S 1424354E
091924S 1424818E - 090800S 1435230E
092400S 1441400E - 095634S 1440521E
100515S 1435852E - 100850S 1435711E
101751S 1435445E - 102244S 1435525E
102638S 1435424E - 103110S 1435441E
103457S 1435536E - 104641S 1435959E
110224S 1440233E - 110637S 1440351E
111107S 1440421E - 111413S 1440338E
111510S 1440307E - 112935S 1440131E
114330S 1440420E - 120000S 1440000E
165945S 1473628E - 181700S 1480000E
181800S 1433200E - 190000S 1380000E
140000S 1380000E - 095000S 1410000E

YMMM/QNH AREA 50

LATERAL LIMITS: 353000S 1343000E - 344112S 1352220E
323000S 1374300E - 333900S 1410000E
393412S 1410000E - 353000S 1343000E

YMMM/QNH AREA 51

LATERAL LIMITS: 300000S 1350000E - 290000S 1410000E
333900S 1410000E - 323000S 1374300E
300000S 1350000E

YBBB-YMMM/QNH AREA 52

LATERAL LIMITS: 260000S 1290000E - 260000S 1380000E
260000S 1410000E - 290000S 1410000E
300000S 1350000E - 300000S 1290000E
260000S 1290000E

YMMM/QNH AREA 53

LATERAL LIMITS: 300000S 1290000E - 300000S 1350000E
323000S 1374300E - 344112S 1352220E
353000S 1343000E - 323000S 1310000E
330000S 1290000E - 300000S 1290000E

YMMM/QNH AREA 60

LATERAL LIMITS: 273000S 1123000E - 273000S 1180000E
321500S 1190000E - 333000S 1133000E
273000S 1123000E

YMMM/QNH AREA 61

LATERAL LIMITS: 321500S 1190000E - 273000S 1180000E
273000S 1233000E - 305024S 1233706E
321500S 1190000E

YMMM/QNH AREA 62

LATERAL LIMITS: 305024S 1233706E - 300000S 1290000E
330000S 1290000E - 350000S 1233000E
305024S 1233706E

YMMM/QNH AREA 63

LATERAL LIMITS: 333000S 1133000E - 321500S 1190000E
305024S 1233706E - 350000S 1233000E
361500S 1160000E - 333000S 1133000E

YMMM/QNH AREA 64

LATERAL LIMITS: 235248S 1233000E - 235248S 1290000E
300000S 1290000E - 305024S 1233706E
273000S 1233000E - 235248S 1233000E

YMMM/QNH AREA 65

LATERAL LIMITS: 235248S 1120549E - 235248S 1155905E
273000S 1180000E - 273000S 1123000E
235248S 1120549E

YMMM/QNH AREA 66

LATERAL LIMITS: 235248S 1155905E - 235248S 1233000E
273000S 1233000E - 273000S 1180000E
235248S 1155905E

YBBB-YMMM/QNH AREA 68

LATERAL LIMITS: 230000S 1120000E - 210000S 1130000E
180000S 1170000E - 180000S 1200000E
203000S 1233000E - 235248S 1233000E
235248S 1120549E - 230000S 1120000E

YBBB-YMMM/QNH AREA 69

LATERAL LIMITS: 180000S 1170000E - 140000S 1240000E
134506S 1260853E - 140000S 1273000E
145000S 1282500E - 145246S 1290000E
200000S 1290000E - 203000S 1233000E
180000S 1200000E - 180000S 1170000E

YMMM/QNH AREA 70

LATERAL LIMITS: 393412S 1425127E - 393412S 1501200E
430000S 1490000E - 443000S 1473000E
440000S 1450000E - 393412S 1425127E

YBBB/QNH AREA 80

LATERAL LIMITS: 092435S 1290000E - 095000S 1410000E
140000S 1380000E - 190000S 1380000E
155304S 1290000E - 145246S 1290000E
092435S 1290000E

YBBB-YMMM/QNH AREA 83

LATERAL LIMITS: 203000S 1233000E - 200000S 1290000E
235248S 1290000E - 235248S 1233000E
203000S 1233000E

YBBB-YMMM/QNH AREA 84

LATERAL LIMITS: 200000S 1290000E - 155304S 1290000E
190000S 1380000E - 230922S 1380000E
221500S 1290000E - 200000S 1290000E

YBBB-YMMM/QNH AREA 85

LATERAL LIMITS: 235248S 1290000E - 221500S 1290000E
230922S 1380000E - 260000S 1380000E
260000S 1290000E - 235248S 1290000E

YBBB/QNH AREA 86

LATERAL LIMITS: 105445S 1244628E - 092000S 1265000E
092435S 1290000E - 145246S 1290000E
145000S 1282500E - 140000S 1273000E
134506S 1260853E - 140000S 1240000E
105445S 1244628E

YBBB-YMMM/QNH AREA 87

LATERAL LIMITS: 180000S 1120000E - 150000S 1180000E
140000S 1240000E - 180000S 1170000E
180000S 1120000E

YMMM/QNH AREA 88

LATERAL LIMITS: 190000S 1100000E - 180000S 1120000E
180000S 1170000E - 210000S 1130000E
190000S 1100000E

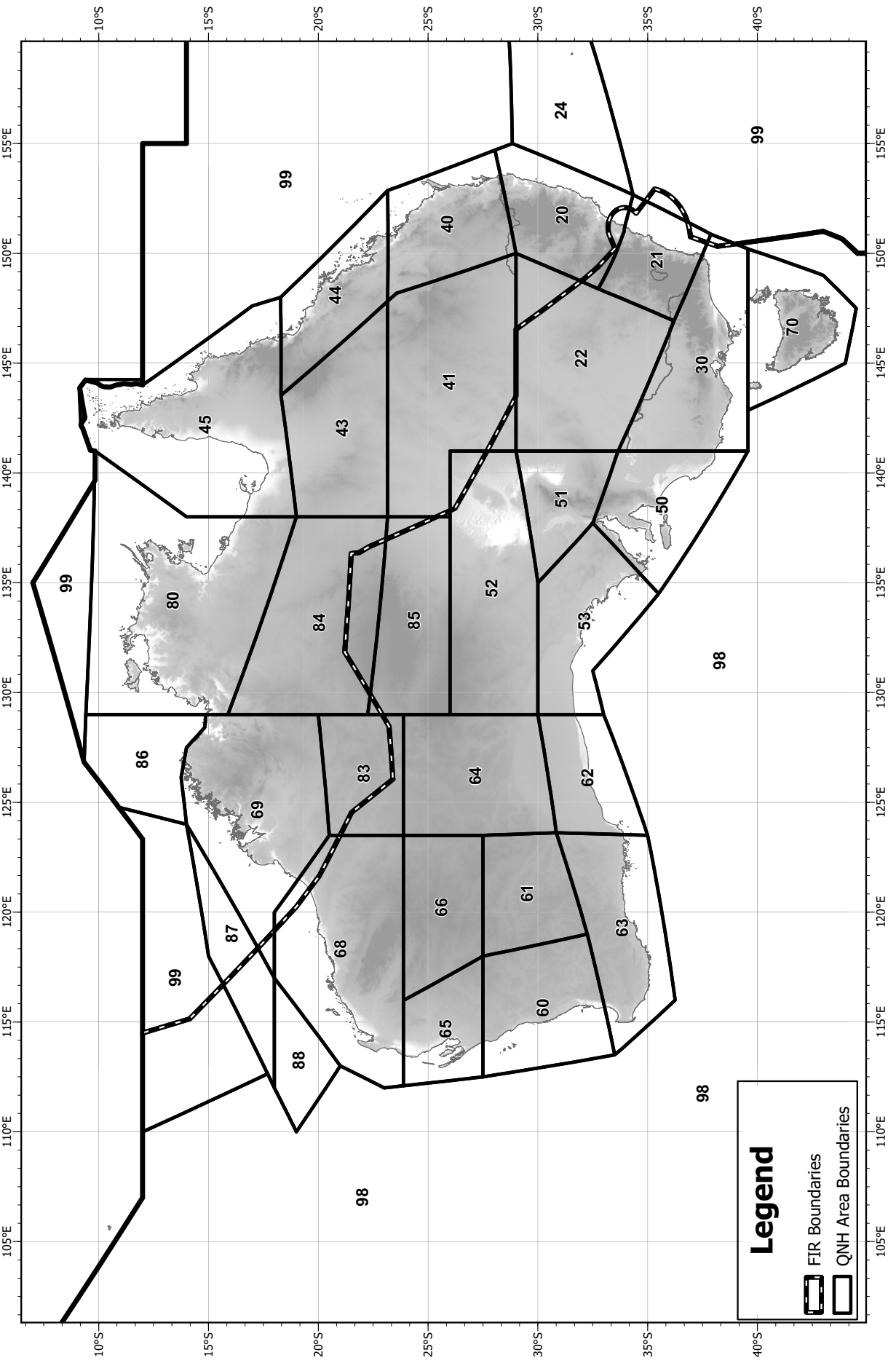
YBBB-YMMM/AREA98

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1100000E - 174128S 1123836E
180000S 1120000E - 190000S 1100000E
210000S 1130000E - 230000S 1120000E
235248S 1120549E - 273000S 1123000E
333000S 1133000E - 361500S 1160000E
350000S 1233000E - 330000S 1290000E
323000S 1310000E - 353000S 1343000E
393412S 1410000E - 393412S 1425127E
440000S 1450000E - 443000S 1473000E
430000S 1490000E - 393412S 1501200E
385900S 1502612E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E

YBBB-YMMM/AREA99

LATERAL LIMITS: 120000S 1100000E - 120000S 1232000E
105508S 1244558E - 105415S 1244605E
091930S 1264937E - 091950S 1265037E
070000S 1350000E - 094816S 1393705E
094946S 1405945E - 093643S 1410052E
091103S 1420940E - 090623S 1435238E
092334S 1441536E - 120000S 1441500E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
282925S 1630000E - 283002S 1630039E
312001S 1630039E - 312034S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 385900S 1502612E
375252S 1505214E - 342000S 1524000E
312000S 1630000E - 283000S 1630000E
285000S 1550000E - 280237S 1544211E
230921S 1525152E - 181700S 1480000E
165945S 1473628E - 120000S 1440000E
114330S 1440420E - 112935S 1440131E
111510S 1440307E - 111413S 1440338E
111107S 1440421E - 110637S 1440351E
110224S 1440233E - 104641S 1435959E
103457S 1435536E - 103110S 1435441E
102638S 1435424E - 102244S 1435525E
101751S 1435445E - 100850S 1435711E
100515S 1435852E - 095634S 1440521E
092400S 1441400E - 090800S 1435230E
092003S 1424505E - 092018S 1424354E
092024S 1424142E - 092124S 1423530E
092236S 1423330E - 092148S 1423130E
092206S 1422942E - 091606S 1422042E
091354S 1421624E - 091136S 1421406E
091124S 1421254E - 091200S 1421018E
091154S 1420836E - 091248S 1420624E
091542S 1420330E - 093700S 1410200E
095000S 1410000E - 092435S 1290000E
092000S 1265000E - 105445S 1244628E
140000S 1240000E - 150000S 1180000E
174128S 1123836E - 120000S 1100000E

Briefing and QNH Area Zone Boundaries Map



PART 2: GRAPHICAL AREA FORECAST BOUNDARIES

GAF NSW-E

LATERAL LIMITS: 280237S 1544211E - 285000S 1550000E
342000S 1524000E - 375252S 1505214E
373014S 1495834E - 361143S 1465529E
324500S 1482300E - 290000S 1500000E
280237S 1544211E

GAF NSW-W

LATERAL LIMITS: 290000S 1500000E - 324500S 1482300E
361143S 1465529E - 333900S 1410000E
290000S 1410000E - 290000S 1500000E

GAF NT

LATERAL LIMITS: 134506S 1260853E - 140000S 1240000E
105445S 1244628E - 092000S 1265000E
095000S 1410000E - 140000S 1380000E
260000S 1380000E - 260000S 1290000E
145246S 1290000E - 145000S 1282500E
140000S 1273000E - 134506S 1260853E

GAF QLD-N

LATERAL LIMITS: 181700S 1480000E - 230921S 1525152E
230922S 1474915E - 230922S 1380000E
140000S 1380000E - 095000S 1410000E
093700S 1410200E - 091542S 1420330E
091248S 1420624E - 091154S 1420836E
091200S 1421018E - 091124S 1421254E
091136S 1421406E - 091354S 1421624E
091606S 1422042E - 092206S 1422942E
092148S 1423130E - 092236S 1423330E
092124S 1423530E - 092024S 1424142E
092018S 1424354E - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E - 100515S 1435852E
100850S 1435711E - 101751S 1435445E
102244S 1435525E - 102638S 1435424E
103110S 1435441E - 103457S 1435536E
104641S 1435959E - 110224S 1440233E
110637S 1440351E - 111107S 1440421E
111413S 1440338E - 111510S 1440307E
112935S 1440131E - 114330S 1440420E
120000S 1440000E - 165945S 1473628E
181700S 1480000E

GAF QLD-S

LATERAL LIMITS: 230921S 1525152E - 280237S 1544211E
290000S 1500000E - 290000S 1410000E
260000S 1410000E - 260000S 1380000E
230922S 1380000E - 230922S 1474915E
230921S 1525152E

GAF SA

LATERAL LIMITS: 260000S 1410000E - 393412S 1410000E
353000S 1343000E - 323000S 1310000E
330000S 1290000E - 260000S 1290000E
260000S 1410000E

GAF TAS

LATERAL LIMITS: 430000S 1490000E - 443000S 1473000E
440000S 1450000E - 393412S 1425127E
393412S 1501200E - 430000S 1490000E

GAF VIC

LATERAL LIMITS: 375252S 1505214E - 393412S 1501200E
393412S 1425127E - 393412S 1410000E
333900S 1410000E - 361143S 1465529E
373014S 1495834E - 375252S 1505214E

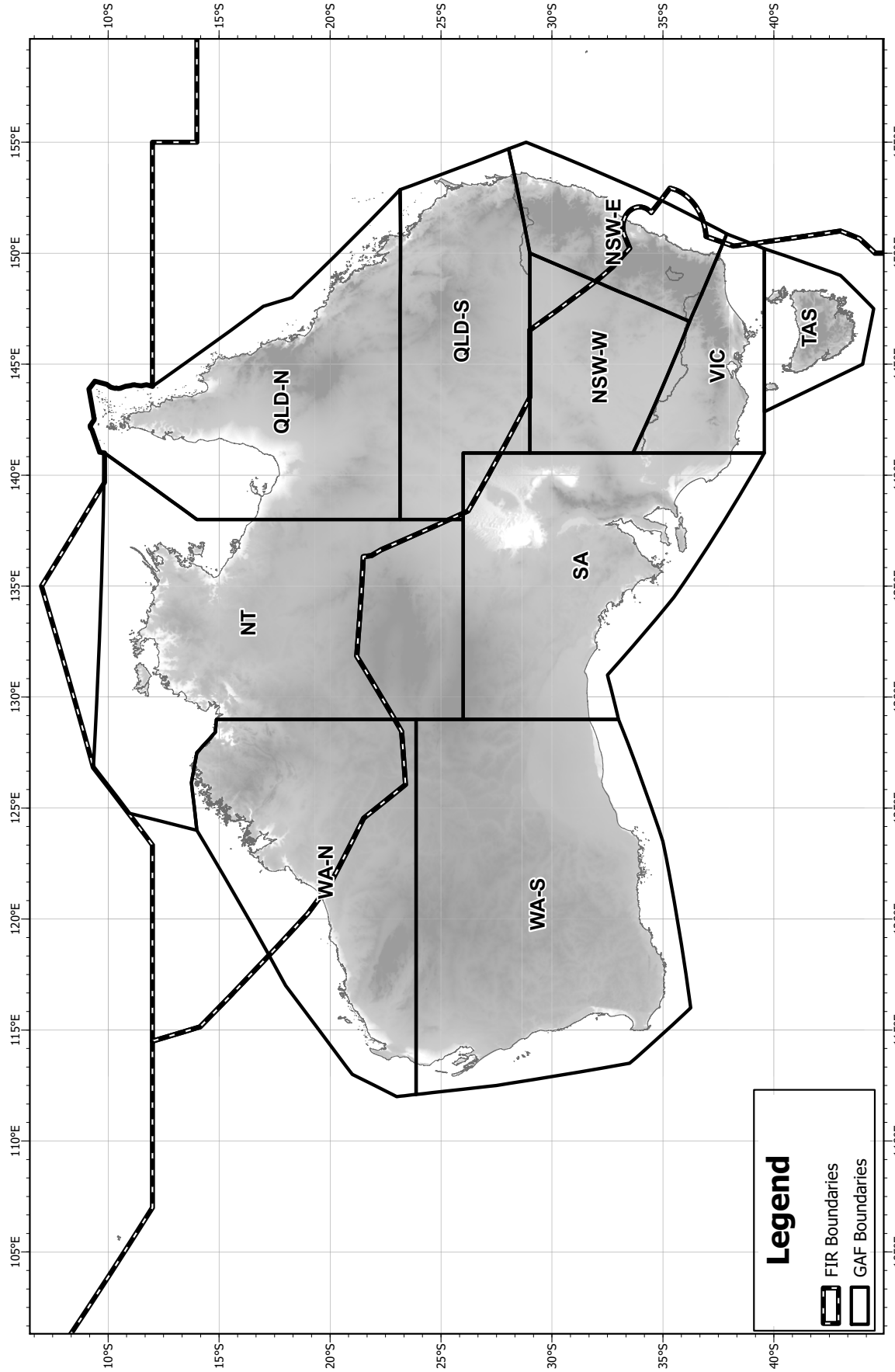
GAF WA-N

LATERAL LIMITS: 180000S 1170000E - 140000S 1240000E
134506S 1260853E - 140000S 1273000E
145000S 1282500E - 145246S 1290000E
235248S 1290000E - 235248S 1120549E
230000S 1120000E - 210000S 1130000E
180000S 1170000E

GAF WA-S

LATERAL LIMITS: 235248S 1120549E - 235248S 1290000E
330000S 1290000E - 350000S 1233000E
361500S 1160000E - 333000S 1133000E
273000S 1123000E - 235248S 1120549E

Graphical Area Forecast Boundaries Map



PART 3: LOW LEVEL GRID POINT WIND AND TEMPERATURE FORECAST BOUNDARIES

GPWT AUS

LATERAL LIMITS: 085848S 1550000E - 443000S 1550000E
443000S 1120000E - 085848S 1120000E
085848S 1550000E

GPWT NSW

LATERAL LIMITS: 280238S 1550000E - 380347S 1550000E
380347S 1410000E - 280238S 1410000E
280238S 1550000E

GPWT NT

LATERAL LIMITS: 092000S 1290000E - 092000S 1410000E
260000S 1410000E - 260000S 1290000E
092000S 1290000E

GPWT QLD-N

LATERAL LIMITS: 085848S 1525154E - 230922S 1525154E
230922S 1380000E - 085848S 1380000E
085848S 1525154E

GPWT QLD-S

LATERAL LIMITS: 290000S 1550000E - 290000S 1380000E
203600S 1380000E - 203600S 1550000E
290000S 1550000E

GPWT SA

LATERAL LIMITS: 260000S 1410000E - 393412S 1410000E
393412S 1290000E - 260000S 1290000E
260000S 1410000E

GPWT TIMS

LATERAL LIMITS: 182458S 1215820E - 091959S 1215819E
091959S 1322845E - 182458S 1322844E
182458S 1215820E

GPWT VT

LATERAL LIMITS: 443000S 1505216E - 443000S 1410000E
333900S 1410000E - 333900S 1505216E
443000S 1505216E

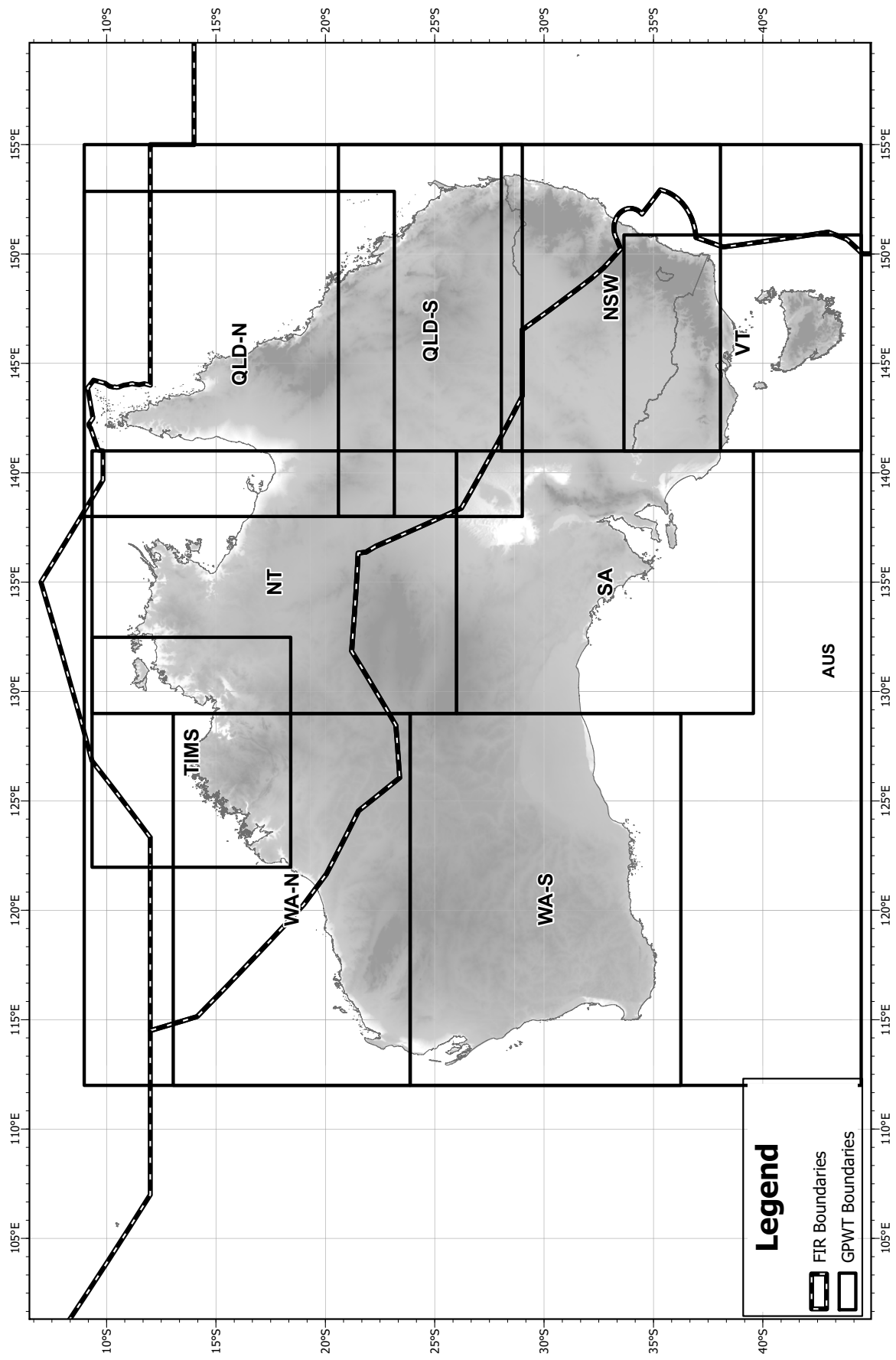
GPWT WA-N

LATERAL LIMITS: 130300S 1290000E - 235248S 1290000E
235248S 1120000E - 130300S 1120000E
130300S 1290000E

GPWT WA-S

LATERAL LIMITS: 235248S 1120000E - 235248S 1290000E
361500S 1290000E - 361500S 1120000E
235248S 1120000E

Low Level Grid Point Wind and Temperature Forecast Boundaries Map



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SECTION 17 – CERTIFIED AERODROMES

AERODROME	STATE	IDENT	LOCATION	
ABRA MINE	WA	YABR	243727S	1183713E
ADELAIDE	SA	YPAD	345642S	1383150E
ADELAIDE/ PARAFIELD	SA	YPPF	344736S	1383759E
ALBANY	WA	YABA	345636S	1174832E
ALBURY	NSW	YMAY	360404S	1465729E
ALICE SPRINGS	NT	YBAS	234824S	1335408E
ALPHA	QLD	YAPH	233846S	1463501E
AMBERLEY	QLD	YAMB	273826S	1524243E
ARARAT	VIC	YARA	371834S	1425919E
ARMIDALE	NSW	YARM	303141S	1513702E
AURUKUN	QLD	YAUR	132114S	1414315E
AYERS ROCK/ CONNELLAN	NT	YAYE	251110S	1305832E
BAIRNSDALE	VIC	YBNS	375315S	1473404E
BALGO HILL	WA	YBGO	200854S	1275826E
BALLARAT	VIC	YBLT	373042S	1434728E
BALLERA	QLD	YLLE	272430S	1414830E
BALLINA/BYRON GATEWAY	NSW	YBNA	285002S	1533345E
BALRANALD	NSW	YBRN	343725S	1433442E
BARCALDINE	QLD	YBAR	233355S	1451824E
BARIMUNYA	WA	YBRY	224026S	1190958E
BARROW ISLAND	WA	YBWX	205152S	1152422E
BATHURST	NSW	YBTH	332434S	1493907E
BATHURST ISLAND	NT	YBTI	114609S	1303711E
BEDOURIE	QLD	YBIE	242046S	1392737E
BELLEVUE	WA	YBLU	273646S	1203538E
BENALLA	VIC	YBLA	363315S	1460033E
BENDIGO	VIC	YBDG	364421S	1441947E
BIRCHIP	VIC	YBIR	355959S	1425503E
BIRDSVILLE	QLD	YBDV	255351S	1392051E
BLACKALL	QLD	YBCK	242540S	1452543E
BOOLGEEDA	WA	YBGD	223228S	1171610E
BOULIA	QLD	YBOU	225448S	1395359E
BOURKE	NSW	YBKE	300219S	1455707E
BOWEN	QLD	YBWN	200104S	1481255E
BREWARRINA	NSW	YBRW	295826S	1464900E
BRISBANE	QLD	YBBN	272303S	1530703E
BRISBANE WEST WELLCAMP	QLD	YBWW	273331S	1514739E
BRISBANE/ ARCHERFIELD	QLD	YBAF	273413S	1530029E
BROKEN HILL	NSW	YBHI	320005S	1412818E
BROOME/INTL	WA	YBRM	175658S	1221340E
BUNBURY	WA	YBUN	332241S	1154037E
BUNDABERG	QLD	YBUD	245414S	1521907E
BURKETOWN	QLD	YBKT	174455S	1393204E
BUSSELTON	WA	YBLN	334114S	1152401E
CAIRNS/CAIRNS INTL	QLD	YBCS	165309S	1454519E
CAMDEN	NSW	YSCN	340225S	1504112E
CAMOOWEAL	QLD	YCMW	195442S	1380730E
CANBERRA	ACT	YSCB	351825S	1491142E
CAPE PRESTON	WA	YCPR	205838S	1161630E
CARNARVON	WA	YCAR	245250S	1134020E
CAROSUE DAM	WA	YSCD	301025S	1221920E
CARRAPATEENA	SA	YCPT	311830S	1372636E
CEDUNA	SA	YCDU	320750S	1334235E
CENTURY MINE	QLD	YCNY	184512S	1384224E
CESSNOCK	NSW	YCNK	324710S	1512022E
CHARLEVILLE	QLD	YBCV	262448S	1461545E
CHARTERS TOWERS	QLD	YCHT	200237S	1461620E
CHILLAGOE	QLD	YCGO	170827S	1443142E
CHINCHILLA	QLD	YCCA	264610S	1503700E
CHRISTMAS CREEK	WA	YCHK	222121S	1193833E
CHRISTMAS ISLAND	OTH	YPXM	102702S	1054125E
CLERMONT	QLD	YCMT	224623S	1473714E
CLEVE	SA	YCEE	334235S	1363017E
CLONCURRY	QLD	YCCY	204007S	1403016E
COBAR	NSW	YCBA	313218S	1454738E
COCOS (KEELING) ISLANDS	OTH	YPCC	121119S	0964950E
COEN	QLD	YCOE	134543S	1430700E
COFFS HARBOUR	NSW	YCFS	301914S	1530659E
CONDOBOLIN	NSW	YCDO	330352S	1471233E
COOBER PEDY	SA	YCBP	290224S	1344315E
COOKTOWN	QLD	YCKN	152641S	1451104E
COOMA - SNOWY MOUNTAINS	NSW	YCOM	361802S	1485826E
COONABARABRAN	NSW	YCBB	311957S	1491602E
COONAMBLE	NSW	YCNM	305900S	1482232E
COONDEWANNA	WA	YCWA	225800S	1184848E
COOTAMUNDRA	NSW	YCTM	343728S	1480209E
COROWA	NSW	YCOR	355925S	1462105E
CORRYONG	VIC	YCRG	361058S	1475316E
COWRA	NSW	YCWR	335041S	1483856E
CROKER ISLAND	NT	YCKI	110955S	1322902E
CUE	WA	YCUE	272648S	1175507E
CUNDERDIN	WA	YCUN	313720S	1171300E
CUNNAMULLA	QLD	YCMU	280148S	1453720E
CURTIN	WA	YCIN	173453S	1234942E
DALGARANGA MINE	WA	YDGA	274947S	1171859E
DARWIN	NT	YPDN	122453S	1305236E
DEGRUSSA	WA	YDGU	253327S	1191715E
DELAMERE RANGE FACILITY	NT	YDWF	154449S	1315510E
DENILIQUIN	NSW	YDLQ	353334S	1445647E
DERBY	WA	YDBY	172212S	1233938E
DEVONPORT	TAS	YDPO	411011S	1462549E
DIRRANBANDI	QLD	YDBI	283518S	1481303E
DJARINDJIN/ LOMBADINA	WA	YLBD	163055S	1225525E
DONALD	VIC	YDOD	362137S	1430027E
DOOMADGEE	QLD	YDMG	175613S	1384859E
DUBBO	NSW	YSDU	321300S	1483429E
DUKETON GOLD	WA	YDKG	273607S	1222002E
EAST JAURDI	WA	YEJI	304610S	1201843E
EAST SALE	VIC	YMES	380556S	1470858E
ECHUCA	VIC	YECH	360926S	1444543E
EDINBURGH	SA	YPED	344209S	1383715E
ELCHO ISLAND	NT	YELD	120110S	1353414E
ELIWANA	WA	YEWA	222544S	1165314E
EMERALD	QLD	YEML	233404S	1481045E
ESPERANCE	WA	YESP	334104S	1214922E
FITZROY CROSSING	WA	YFTZ	181055S	1253331E
FLINDERS ISLAND	TAS	YFLI	400529S	1475934E
FORBES	NSW	YFBS	332149S	1475606E
FORREST	WA	YFRT	305017S	1280654E
FORRESTANIA	WA	YFTA	323442S	1194224E
FORTESCUE DAVE FORREST	WA	YFDF	221731S	1192614E
GARDEN POINT	NT	YGPT	112357S	1302531E
GAYNDAH	QLD	YGAY	253655S	1513715E
GEORGETOWN (QLD)	QLD	YGTN	181812S	1433151E
GERALDTON	WA	YGEL	284746S	1144227E
GINBATA	WA	YGIA	223452S	1200208E
GINGIN	WA	YGIG	312755S	1155148E
GLADSTONE	QLD	YGLA	235211S	1511322E
GLEN INNES	NSW	YGLI	294030S	1514122E
GNOWANGERUP	WA	YGNW	335837S	1180040E

AERODROME	STATE	IDENT	LOCATION	
GOLD COAST	QLD	YBCG	280952S	1533017E
GOLDEN GROVE	WA	YGGE	284554S	1165818E
GOODOOGA	NSW	YGDA	290424S	1472234E
GOONDIWINDI	QLD	YGDI	283117S	1501913E
GOULBURN	NSW	YGLB	344837S	1494335E
GOVE	NT	YPGV	121609S	1364906E
GRAFTON	NSW	YGFN	294534S	1530148E
GRIFFITH	NSW	YGTH	341503S	1460402E
GROOTE EYLANDT	NT	YGTE	135824S	1362739E
GRUYERE	WA	YGRM	280203S	1234851E
GUDAI-DARRI MINE	WA	YKDD	223019S	1190434E
GUNNEDAH	NSW	YGDH	305740S	1501502E
HALLS CREEK	WA	YHLC	181402S	1274011E
HAMILTON	VIC	YHML	373856S	1420355E
HAMILTON ISLAND	QLD	YBHM	202129S	1485706E
HAY	NSW	YHAY	343153S	1444947E
HERVEY BAY	QLD	YHBA	251908S	1525249E
HOBART	TAS	YMHB	425010S	1473037E
HOLSWORTHY	NSW	YSHW	335942S	1505709E
HOPETOUN	VIC	YHPN	354255S	1422135E
HORN ISLAND	QLD	YHID	103511S	1421724E
HORSHAM	VIC	YHSM	364011S	1421022E
HUGHENDEN	QLD	YHUG	204854S	1441331E
INNISFAIL/MUNDOO	QLD	YIFL	173331S	1460042E
INVERELL	NSW	YIVL	295318S	1510839E
IRON BRIDGE MINE	WA	YIBO	211712S	1185259E
IVANHOE	NSW	YIVO	325305S	1441842E
JABIRU	NT	YJAB	123930S	1325335E
JACINTH AMBROSIA	SA	YJAC	305404S	1321101E
JERVIS BAY	NSW	YJBY	350851S	1504155E
JULIA CREEK	QLD	YJLC	204006S	1414321E
JUNDEE	WA	YJUN	262516S	1203439E
KALBARRI	WA	YKBR	274131S	1141534E
KALGOORLIE-BOULDER	WA	YPKG	304722S	1212742E
KALKGURUNG	NT	YKKG	172555S	1304829E
KAMBALDA	WA	YKBL	311126S	1213554E
KARARA	WA	YKAR	291258S	1164112E
KARLAWINDA MINE	WA	YKWA	234652S	1200806E
KARRATHA	WA	YPKA	204244S	1164624E
KARUMBA	QLD	YKMB	172717S	1404949E
KATANNING	WA	YKNG	334201S	1173912E
KEMPSEY	NSW	YKMP	310428S	1524611E
KENS BORE	WA	YKBA	220925S	1160926E
KERANG	VIC	YKER	354505S	1435622E
KIMBA	SA	YIMB	330526S	1362752E
KING ISLAND	TAS	YKII	395239S	1435242E
KINGAROY	QLD	YKRY	263451S	1515028E
KINGSCOTE/ KANGAROO ISLAND	SA	YKSC	354250S	1373117E
KOOLAN ISLAND/ KOOLAN CENTRAL	WA	YKLC	160733S	1234405E
KOWANYAMA	QLD	YKOW	152908S	1414505E
KUNUNURRA	WA	YPKU	154641S	1284227E
LAKE CARGELLIGO	NSW	YLCG	331642S	1462209E
LAKE EVELLA	NT	YLEV	122956S	1354821E
LATROBE VALLEY	VIC	YLTV	381226S	1462813E
LAUNCESTON	TAS	YMLT	413243S	1471251E
LAVERTON	WA	YLTN	283649S	1222526E
LEARMONTH	WA	YPLM	221408S	1140519E
LEIGH CREEK	SA	YLEC	303554S	1382533E
LEINSTER	WA	YLST	275036S	1204212E
LEONORA	WA	YLEO	285241S	1211853E
LIGHTNING RIDGE	NSW	YLRD	292724S	1475904E
LISMORE	NSW	YLIS	284936S	1531527E
LOCKHART RIVER	QLD	YLHR	124713S	1431817E
LONGREACH	QLD	YLRE	232603S	1441649E
LORD HOWE ISLAND	NSW	YLHI	313218S	1590438E
MACKAY	QLD	YBMK	211017S	1491047E
MAITLAND (NSW)	NSW	YMND	324215S	1512920E
MALLACOOTA	VIC	YMCO	373556S	1494315E
MANGALORE	VIC	YMNG	365318S	1451103E
MANINGRIDA	NT	YMGD	120322S	1341403E
MANJIMUP	WA	YMJM	341555S	1160825E
MARBLE BAR	WA	YMBL	210945S	1195023E
MAREEBA	QLD	YMBA	170414S	1452526E
MARYBOROUGH (QLD)	QLD	YMYB	253048S	1524254E
MCARTHUR RIVER MINE	NT	YMHU	162636S	1360436E
MEEKATHARRA	WA	YMEK	263642S	1183252E
MELBOURNE	VIC	YMML	374024S	1445036E
MELBOURNE/ AVALON	VIC	YMAV	380222S	1442810E
MELBOURNE/ ESSENDON	VIC	YMEN	374341S	1445407E
MELBOURNE/ MOORABBIN	VIC	YMMB	375833S	1450608E
MERIMBULA	NSW	YMER	365431S	1495405E
MILDURA	VIC	YMIA	341345S	1420508E
MILES	QLD	YMLS	264822S	1501011E
MILINGIMBI	NT	YMGB	120540S	1345337E
MOOMBA	SA	YOOM	280558S	1401149E
MORANBAH	QLD	YMRB	220328S	1480439E
MORAWA	WA	YMRW	291205S	1160119E
MOREE	NSW	YMOR	292956S	1495041E
MORNINGTON ISLAND	QLD	YMTI	163945S	1391041E
MORUYA	NSW	YMRY	355351S	1500844E
MOUNT GAMBIER	SA	YMTG	374444S	1404707E
MOUNT GORDON	QLD	YGON	194619S	1392404E
MOUNT HOLLAND	WA	YMHL	320630S	1194536E
MOUNT HOTHAM	VIC	YHOT	370254S	1472003E
MOUNT ISA	QLD	YBMA	203950S	1392919E
MOUNT KEITH	WA	YMNE	271711S	1203317E
MOUNT MAGNET	WA	YMOG	280658S	1175030E
MUDGEE	NSW	YMDG	323345S	1493640E
MUNGALALU-TRUSCOTT	WA	YTST	140523S	1262251E
MURRIN MURRIN	WA	YMMI	284219S	1215326E
NARACOORTE	SA	YNRC	365907S	1404330E
NARRABRI	NSW	YNBR	301909S	1494938E
NARRANDERA	NSW	YNAR	344208S	1463044E
NARROMINE	NSW	YNRM	321252S	1481329E
NEWMAN	WA	YNWN	232504S	1194810E
NGUKURR	NT	YNGU	144322S	1344451E
NHILL	VIC	YNHL	361840S	1413840E
NIFTY	WA	YCNF	214025S	1213541E
NORFOLK ISLAND	OTH	YSNF	290233S	1675617E
NORMANTON	QLD	YNTN	174106S	1410413E
NORTHERN PENINSULA	QLD	YNPE	105703S	1422734E
NOVA	WA	YNOV	315043S	1231131E
NOWRA	NSW	YSNW	345656S	1503213E
NUMBULWAR	NT	YNUM	141618S	1354300E
NYNGAN	NSW	YNYN	313304S	1471210E
OAKEY	QLD	YBOK	272441S	1514407E
OENPELLI	NT	YOEN	121931S	1330020E
OLYMPIC DAM	SA	YOLD	302906S	1365236E
ONSLOW	WA	YOLW	214006S	1150647E
ORANGE	NSW	YORG	332241S	1490732E
ORBOST	VIC	YORB	374725S	1483635E
OSBORNE MINE	QLD	YOSB	220454S	1403324E
PALM ISLAND	QLD	YPAM	184519S	1463453E
PARABURDOO	WA	YPBO	231016S	1174443E
PARKES	NSW	YPKS	330753S	1481421E
PEARCE	WA	YPEA	314004S	1160054E
PERTH	WA	YPPH	315625S	1155801E
PERTH/JANDAKOT	WA	YPJT	320551S	1155252E

AERODROME	STATE	IDENT	LOCATION	
PETERBOROUGH/ GREAT OCEAN ROAD	VIC	YPBH	383624S	1425422E
PLUTONIC	WA	YPLU	251900S	1192524E
POINT COOK	VIC	YMPC	375556S	1444512E
POONCARIE	NSW	YPCE	332223S	1423506E
PORMPURAAW	QLD	YPMP	145351S	1413639E
PORT AUGUSTA	SA	YPAG	323025S	1374300E
PORT HEDLAND	WA	YPPD	202240S	1183735E
PORT HEDLAND/ WODGINA	WA	YWGA	210209S	1183837E
PORT KEATS	NT	YPKT	141500S	1293145E
PORT LINCOLN	SA	YPLC	343619S	1355249E
PORT MACQUARIE	NSW	YPMQ	312609S	1525148E
PORT PIRIE	SA	YPIR	331420S	1375942E
PORTLAND	VIC	YPOD	381905S	1412816E
PROMINENT HILL	SA	YPMH	294304S	1353128E
PROSERPINE/ WHITSUNDAY COAST	QLD	YBPN	202942S	1483308E
QUILPIE	QLD	YQLP	263631S	1441526E
QUIRINDI	NSW	YQDI	312955S	1503105E
RAMINGINING	NT	YRNG	122123S	1345351E
RAVENSTHORPE	WA	YNRV	334750S	1201229E
RENMARK	SA	YREN	341147S	1404026E
RICHMOND (NSW)	NSW	YSRI	333602S	1504651E
RICHMOND (QLD)	QLD	YRMD	204207S	1430653E
ROBINVALE	VIC	YROI	343902S	1424658E
ROCKHAMPTON	QLD	YBRK	232255S	1502831E
ROMA	QLD	YROM	263243S	1484630E
ROTTNEST ISLAND	WA	YRTI	320024S	1153223E
SAIBAI ISLAND	QLD	YSII	092242S	1423730E
SAINT GEORGE	QLD	YSGE	280259S	1483543E
SAINT HELENS	TAS	YSTH	412012S	1481655E
SCHERGER (RAAF)	QLD	YBSG	123726S	1420514E
SCONE	NSW	YSCO	320214S	1504956E
SHARK BAY	WA	YSHK	255338S	1133438E
SHELLHARBOUR AIRPORT	NSW	YSHL	343340S	1504719E
SHEPPARTON	VIC	YSHT	362544S	1452333E
SNAKE BAY	NT	YSNK	112522S	1303913E
SOLOMON	WA	YSOL	221517S	1175058E
SOUTH GOULBURN ISLAND	NT	YGBI	113902S	1332255E
SOUTHERN CROSS	WA	YSCR	311425S	1192135E
ST ARNAUD	VIC	YSTA	363812S	1431109E
STANTHORPE	QLD	YSPE	283713S	1515926E
STAWELL	VIC	YSWL	370418S	1424425E
STRAHAN	TAS	YSRN	420920S	1451729E
STREAKY BAY	SA	YKBY	325009S	1341734E
SUNRISE DAM	WA	YSRD	290554S	1222719E
SUNSHINE COAST	QLD	YBSU	263612S	1530528E
SWAN HILL	VIC	YSWH	352233S	1433158E
SYDNEY/ BANKSTOWN	NSW	YSBK	335528S	1505918E
SYDNEY/ KINGSFORD SMITH	NSW	YSSY	335646S	1511038E
SYDNEY/NANCY-BIRD WALTON	NSW	YSWS	335327S	1504306E
TAMWORTH	NSW	YSTW	310502S	1505048E
TAREE	NSW	YTRE	315319S	1523050E
TAROOM	QLD	YTAM	254807S	1495358E
TELFER	WA	YTEF	214254S	1221342E
TEMORA	NSW	YTEM	342517S	1473042E
TENNANT CREEK	NT	YTNK	193804S	1341100E
THANGOOL	QLD	YTNG	242938S	1503434E
THARGOMINDAH	QLD	YTGM	275911S	1434839E
THE GRANITES	NT	YTGT	203254S	1302100E
THE MONUMENT	QLD	YTMO	214843S	1395524E
THEODORE	QLD	YTDR	245911S	1500535E
THUNDERBOX	WA	YTHN	280914S	1205621E
TIBOOBURRA	NSW	YTIB	292704S	1420328E
TINDAL	NT	YPTN	143116S	1322240E
TOCUMWAL	NSW	YTOC	354839S	1453615E
TOOWOOMBA	QLD	YTWB	273229S	1515445E
TOWNSVILLE/ TOWNSVILLE INTL	QLD	YBTL	191509S	1464555E
TREPELL	QLD	YTEE	215006S	1405317E
TROPICANA	WA	YTRA	291112S	1243301E
TROUGHTON ISLAND	WA	YTTI	134506S	1260854E
TUMBY BAY	SA	YTBB	342140S	1360542E
TUMUT	NSW	YTMU	351546S	1481427E
WAGGA WAGGA	NSW	YSWG	350955S	1472759E
WALGETT	NSW	YWLG	300158S	1480733E
WANGARATTA	VIC	YWGT	362457S	1461825E
WARBURTON	WA	YWBR	260742S	1263500E
WARRACKNABEAL	VIC	YWKB	361916S	1422510E
WARREN	NSW	YWRN	314400S	1474809E
WARRNAMBOOL	VIC	YWBL	381743S	1422648E
WARWICK	QLD	YWCK	280858S	1515635E
WEIPA	QLD	YBWP	124043S	1415531E
WENTWORTH	NSW	YWTO	340516S	1415331E
WEST ANGELAS	WA	YANG	230806S	1184224E
WEST MUSGRAVE	WA	YWMO	260311S	1274127E
WEST SALE	VIC	YWSL	380530S	1465755E
WEST WYALONG	NSW	YWWL	335614S	1471129E
WHITE CLIFFS	NSW	YWHC	305105S	1430424E
WHYALLA	SA	YWHA	330332S	1373052E
WILCANNIA	NSW	YWCA	313110S	1432252E
WILKINS RUNWAY	OTH	YWKS	664129S	1113135E
WILLIAMTOWN	NSW	YWLM	324742S	1515004E
WILUNA	WA	YWLU	263745S	1201314E
WINDARLING	WA	YWDG	300155S	1192314E
WINDORAH	QLD	YWDH	252447S	1424002E
WINTON	QLD	YWTN	222149S	1430508E
WOODIE WOODIE	WA	YWWI	213843S	1211130E
WOOMERA	SA	YPWR	310839S	1364901E
WUDINNA	SA	YWUD	330236S	1352650E
WYCHEPROOF	VIC	YWYF	360332S	1431436E
WYNDHAM	WA	YWYM	153041S	1280911E
WYNYARD	TAS	YWYY	405956S	1454352E
YARRAM	VIC	YYRM	383403S	1464516E
YARRAWONGA	VIC	YYWG	360150S	1460140E
YORKE ISLAND	QLD	YYKI	094512S	1432418E
YOUNG	NSW	YYNG	341520S	1481453E

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SECTION 18 – CERTIFIED AERODROMES THRESHOLD DATA

AD	BRG(T)	RWY	LAT	LONG
ABRA MINE	106.04	11	243720.89S	1183641.20E
ABRA MINE	286.03	29	243737.05S	1183742.72E
ADELAIDE	50.17	05	345727.54S	1383106.50E
ADELAIDE	230.15	23	345626.23S	1383235.75E
ADELAIDE	123.51	12	345628.17S	1383118.90E
ADELAIDE	303.51	30	345657.77S	1383213.19E
ADELAIDE/ PARAFIELD	28.23	03R	344807.73S	1383803.61E
ADELAIDE/ PARAFIELD	208.23	21L	344731.13S	1383827.43E
ADELAIDE/ PARAFIELD	84.80	08L	344736.69S	1383729.14E
ADELAIDE/ PARAFIELD	264.80	26R	344733.87S	1383806.69E
ADELAIDE/ PARAFIELD	84.80	08R	344744.01S	1383723.93E
ADELAIDE/ PARAFIELD	264.79	26L	344741.09S	1383802.79E
ADELAIDE/ PARAFIELD	28.25	03L	344813.52S	1383750.30E
ADELAIDE/ PARAFIELD	208.25	21R	344734.96S	1383815.42E
ALBANY	44.89	05	345649.58S	1174820.96E
ALBANY	224.88	23	345624.38S	1174851.44E
ALBANY	134.73	14	345624.32S	1174812.46E
ALBANY	314.72	32	345705.44S	1174902.88E
ALBURY	81.19	07	360405.07S	1465656.01E
ALBURY	261.18	25	360355.62S	1465811.07E
ALICE SPRINGS	120.25	12	234803.71S	1335336.10E
ALICE SPRINGS	300.25	30	234843.63S	1335450.50E
ALICE SPRINGS	178.24	17	234750.20S	1335311.54E
ALICE SPRINGS	358.24	35	234826.94S	1335312.77E
ALPHA	187.97	18	233847.50S	1463500.95E
ALPHA	7.97	36	233934.43S	1463453.82E
AMBERLEY	54.32	04	273840.60S	1524228.33E
AMBERLEY	234.32	22	273811.72S	1524313.49E
AMBERLEY	158.74	15	273718.13S	1524218.98E
AMBERLEY	338.73	33	273850.39S	1524259.30E
ARARAT	126.02	12	371829.38S	1425907.30E
ARARAT	306.01	30	371853.03S	1425948.03E
ARARAT	54.91	04	371839.51S	1425912.88E
ARARAT	234.91	22	371827.08S	1425935.03E
ARMIDALE	58.44	05	303158.65S	1513632.86E
ARMIDALE	238.43	23	303129.14S	1513728.34E
ARMIDALE	97.02	09	303126.64S	1513637.38E
ARMIDALE	277.02	27	303131.06S	1513718.84E
AURUKUN	160.61	16	132054.13S	1414304.71E
AURUKUN	340.60	34	132132.79S	1414318.61E
AYERS ROCK/ CONNELLAN	129.51	13	251041.08S	1305800.16E
AYERS ROCK/ CONNELLAN	309.50	31	251134.80S	1305911.76E
BAIRNSDALE	144.92	13	375300.24S	1473356.76E
BAIRNSDALE	324.91	31	375322.85S	1473416.80E
BAIRNSDALE	55.13	04	375325.20S	1473351.58E
BAIRNSDALE	235.12	22	375304.84S	1473428.44E
BALGO HILL	146.73	15	200849.66S	1275821.32E
BALGO HILL	326.73	33	200933.44S	1275851.74E
BALLARAT	61.79	05	373045.33S	1434711.28E
BALLARAT	241.79	23	373025.93S	1434756.68E
BALLARAT	134.61	13	373019.58S	1434714.64E
BALLARAT	314.61	31	373032.53S	1434731.12E
BALLARAT	188.78	18	373024.88S	1434741.76E
BALLARAT	8.78	36	373122.45S	1434730.60E
BALLERA	39.65	03	272442.98S	1414812.78E
BALLERA	219.64	21	272357.90S	1414854.63E
BALLINA/BYRON GATEWAY	73.49	06	285008.65S	1533306.51E
BALLINA/BYRON GATEWAY	253.48	24	284951.11S	1533413.70E
BALRANALD	88.38	08	343718.77S	1433432.93E
BALRANALD	268.37	26	343718.17S	1433458.49E
BALRANALD	185.55	18	343710.23S	1433439.91E
BALRANALD	5.55	36	343748.53S	1433435.41E
BARCALDINE	16.35	01	233422.04S	1451800.13E
BARCALDINE	196.35	19	233328.96S	1451817.02E
BARCALDINE	139.23	14	233339.98S	1451815.76E
BARCALDINE	319.23	32	233407.43S	1451841.44E
BARIMUNYA	105.07	10	224020.44S	1190927.26E
BARIMUNYA	285.07	28	224036.33S	1191030.85E
BARROW ISLAND	26.55	03	205208.28S	1152409.46E
BARROW ISLAND	206.54	21	205113.02S	1152438.83E
BATHURST	90.85	08	332424.15S	1493857.36E
BATHURST	270.84	26	332424.78S	1493948.38E
BATHURST	176.19	17	332402.80S	1493902.54E
BATHURST	356.19	35	332457.99S	1493906.92E
BATHURST ISLAND	149.96	15	114531.23S	1303643.95E
BATHURST ISLAND	329.96	33	114612.84S	1303708.37E
BEDOURIE	145.98	14	242017.52S	1392715.78E
BEDOURIE	325.98	32	242106.23S	1392751.67E
BELLEVUE	7.09	01	273717.99S	1203535.42E
BELLEVUE	187.09	19	273613.53S	1203544.42E
BENALLA	94.43	08	363306.98S	1460024.26E
BENALLA	274.42	26	363309.59S	1460106.06E
BENALLA	175.09	17	363259.01S	1460016.65E
BENALLA	355.09	35	363322.22S	1460019.12E
BENDIGO	60.78	05	364428.90S	1441926.13E
BENDIGO	240.78	23	364416.74S	1441953.14E
BENDIGO	181.93	17	364342.45S	1441949.70E
BENDIGO	1.93	35	364434.31S	1441947.53E
BIRCHIP	51.65	04	360001.53S	1425450.00E
BIRCHIP	231.65	22	355941.80S	1425520.69E
BIRCHIP	97.64	09	360002.03S	1425454.57E
BIRCHIP	277.64	27	360004.29S	1425515.31E
BIRDSVILLE	148.79	14	255306.85S	1392026.18E
BIRDSVILLE	328.79	32	255355.00S	1392058.43E
BIRDSVILLE	39.81	03	255413.93S	1392036.02E
BIRDSVILLE	219.80	21	255353.97S	1392054.41E
BLACKALL	67.22	06	242606.13S	1452515.63E
BLACKALL	247.21	24	242544.86S	1452610.94E
BLACKALL	127.25	12	242514.37S	1452511.73E
BLACKALL	307.25	30	242545.97S	1452557.12E
BOOLGEEDA	84.66	08	223228.42S	1171531.81E
BOOLGEEDA	264.66	26	223221.76S	1171648.51E
BOULIA	149.20	14	225420.50S	1395346.60E
BOULIA	329.20	32	225511.00S	1395419.10E
BOURKE	62.62	05	300241.67S	1455612.71E
BOURKE	242.61	23	300214.32S	1455713.39E
BOURKE	187.64	18	300156.57S	1455725.53E
BOURKE	7.64	36	300228.76S	1455720.57E
BOWEN	48.14	04	200123.95S	1481232.66E
BOWEN	228.14	22	200057.04S	1481304.44E
BOWEN	125.00	12	200052.89S	1481237.87E
BOWEN	304.99	30	200109.71S	1481303.29E

AD	BRG(T)	RWY	LAT	LONG
BREWARRINA	35.62	03	295851.19S	1464836.57E
BREWARRINA	215.61	21	295814.63S	1464906.65E
BRISBANE	27.04	01R	272410.07S	1530705.59E
BRISBANE	207.04	19L	272228.79S	1530803.50E
BRISBANE	27.05	01L	272259.05S	1530624.49E
BRISBANE	207.04	19R	272123.56S	1530719.09E
BRISBANE WEST WELLCAMP	132.63	12	273255.51S	1514704.19E
BRISBANE WEST WELLCAMP	312.62	30	273358.66S	1514821.19E
BRISBANE/ ARCHERFIELD	107.74	10L	273414.18S	1525953.27E
BRISBANE/ ARCHERFIELD	287.73	28R	273427.54S	1530040.15E
BRISBANE/ ARCHERFIELD	107.75	10R	273419.91S	1525953.02E
BRISBANE/ ARCHERFIELD	287.75	28L	273430.81S	1530031.23E
BRISBANE/ ARCHERFIELD	51.60	04L	273415.53S	1530006.70E
BRISBANE/ ARCHERFIELD	231.59	22R	273356.25S	1530033.99E
BRISBANE/ ARCHERFIELD	51.57	04R	273418.08S	1530015.72E
BRISBANE/ ARCHERFIELD	231.56	22L	273355.86S	1530047.14E
BROKEN HILL	55.89	05	320032.47S	1412739.32E
BROKEN HILL	235.88	23	315946.71S	1412858.59E
BROKEN HILL	142.99	14	320013.79S	1412759.56E
BROKEN HILL	322.99	32	320039.71S	1412822.49E
BROOME/INTL	105.52	10	175645.53S	1221300.78E
BROOME/INTL	285.52	28	175704.71S	1221412.94E
BUNBURY	63.31	07	332249.96S	1154020.76E
BUNBURY	243.31	25	332235.15S	1154055.87E
BUNDABERG	147.74	14	245350.27S	1521902.11E
BUNDABERG	327.73	32	245445.25S	1521940.17E
BUNDABERG	68.83	07	245422.88S	1521849.66E
BUNDABERG	248.83	25	245409.64S	1521927.15E
BURKETOWN	41.89	03	174518.52S	1393151.54E
BURKETOWN	221.89	21	174445.34S	1393222.60E
BUSSELTON	25.57	03	334150.34S	1152346.95E
BUSSELTON	205.56	21	334038.29S	1152428.18E
CAIRNS/CAIRNS INTL	156.48	15	165156.94S	1454436.85E
CAIRNS/CAIRNS INTL	336.48	33	165331.09S	1454519.41E
CAMDEN	64.81	06	340226.23S	1504050.23E
CAMDEN	244.80	24	340210.27S	1504130.98E
CAMDEN	110.96	10	340229.41S	1504054.25E
CAMDEN	290.95	28	340237.80S	1504120.57E
CAMOOWEAL	135.42	13	195437.70S	1380714.40E
CAMOOWEAL	315.42	31	195506.30S	1380744.20E
CANBERRA	179.99	17	351726.26S	1491139.99E
CANBERRA	359.99	35	351853.31S	1491140.00E
CANBERRA	129.92	12	351809.96S	1491117.59E
CANBERRA	309.92	30	351835.99S	1491155.54E
CAPE PRESTON	80.26	08	205848.44S	1161542.81E
CAPE PRESTON	260.25	26	205837.43S	1161651.07E
CARNARVON	43.34	04	245310.58S	1133951.68E
CARNARVON	223.33	22	245232.31S	1134031.26E
CARNARVON	179.24	18	245243.38S	1133958.77E
CARNARVON	359.24	36	245320.44S	1133959.31E
CAROSUE DAM	62.34	06	301042.14S	1221847.68E
CAROSUE DAM	242.34	24	301011.98S	1221953.91E
CARRAPATEENA	14.23	01	311856.00S	1372628.48E
CARRAPATEENA	194.23	19	311805.65S	1372643.35E
CEDUNA	110.82	11	320740.22S	1334152.86E
CEDUNA	290.81	29	320800.30S	1334254.94E
CEDUNA	173.28	17	320735.87S	1334245.46E
CEDUNA	353.28	35	320808.53S	1334249.98E
CENTURY MINE	141.42	14	184513.47S	1384217.99E
CENTURY MINE	321.42	32	184549.34S	1384248.03E
CESSNOCK	188.48	17	324647.76S	1512027.59E
CESSNOCK	8.48	35	324723.00S	1512021.37E
CHARLEVILLE	137.01	12	262428.55S	1461527.35E
CHARLEVILLE	317.01	30	262504.77S	1461604.85E
CHARLEVILLE	181.96	18	262445.86S	1461543.64E
CHARLEVILLE	1.96	36	262520.52S	1461542.32E
CHARTERS TOWERS	14.95	01	200248.92S	1461607.07E
CHARTERS TOWERS	194.95	19	200217.38S	1461615.98E
CHARTERS TOWERS	61.67	06	200251.06S	1461558.99E
CHARTERS TOWERS	241.67	24	200224.27S	1461651.57E
CHILLAGOE	177.34	17	170800.39S	1443142.24E
CHILLAGOE	357.34	35	170832.27S	1443143.78E
CHINCHILLA	38.51	03	264619.65S	1503706.62E
CHINCHILLA	218.51	21	264604.59S	1503719.97E
CHINCHILLA	142.26	14	264605.20S	1503651.45E
CHINCHILLA	322.26	32	264632.67S	1503715.14E
CHRISTMAS CREEK	87.84	09	222116.94S	1193749.60E
CHRISTMAS CREEK	267.83	27	222113.87S	1193916.86E
CHRISTMAS ISLAND	175.31	18	102626.81S	1054124.80E
CHRISTMAS ISLAND	355.31	36	102735.02S	1054130.45E
CLERMONT	27.44	01	224628.84S	1473715.57E
CLERMONT	207.43	19	224558.06S	1473732.80E
CLERMONT	158.64	15	224600.70S	1473659.40E
CLERMONT	338.64	33	224640.41S	1473716.15E
CLEVE	90.67	08	334236.89S	1362957.15E
CLEVE	270.66	26	334237.40S	1363049.53E
CLEVE	181.60	18	334227.68S	1363015.32E
CLEVE	1.60	36	334256.69S	1363014.35E
CLONCURRY	67.99	06	204013.11S	1402954.76E
CLONCURRY	247.99	24	203959.00S	1403031.85E
CLONCURRY	127.84	12	203936.75S	1402958.30E
CLONCURRY	307.83	30	204016.64S	1403052.87E
COBAR	55.03	05	313229.54S	1454714.03E
COBAR	235.02	23	313201.30S	1454801.16E
COBAR	175.17	17	313217.14S	1454741.41E
COBAR	355.17	35	313246.25S	1454744.28E
COCOS (KEELING) ISLANDS	149.22	15	121054.70S	0964940.63E
COCOS (KEELING) ISLANDS	329.22	33	121202.95S	0965021.96E
COEN	113.13	11	134535.85S	1430637.49E
COEN	293.13	29	134553.62S	1430720.05E
COFFS HARBOUR	40.72	03	302018.15S	1530623.57E
COFFS HARBOUR	220.71	21	301926.95S	1530714.36E
COFFS HARBOUR	107.09	10	301900.35S	1530655.24E
COFFS HARBOUR	287.09	28	301907.28S	1530721.22E
CONDOBOLIN	24.56	01	330412.66S	1471238.54E
CONDOBOLIN	204.55	19	330332.15S	1471300.52E
CONDOBOLIN	104.69	10	330346.80S	1471159.14E
CONDOBOLIN	284.69	28	330356.70S	1471243.99E
COOBER PEDY	49.04	04	290239.62S	1344251.71E
COOBER PEDY	229.03	22	290209.20S	1344331.58E
COOBER PEDY	150.15	14	290211.23S	1344315.56E
COOBER PEDY	330.15	32	290234.63S	1344330.84E
COOKTOWN	111.44	11	152627.31S	1451033.90E
COOKTOWN	291.43	29	152645.95S	1451122.85E
COOMA - SNOWY MOUNTAINS	192.69	18	361732.18S	1485828.87E
COOMA - SNOWY MOUNTAINS	12.70	36	361832.65S	1485812.04E
COONABARABRAN	29.56	01	312005.79S	1491613.14E
COONABARABRAN	209.56	19	311947.54S	1491625.20E
COONABARABRAN	122.90	11	311937.53S	1491521.59E

AD	BRG(T)	RWY	LAT	LONG
COONABARABRAN	302.89	29	312004.35S	1491609.90E
COONAMBLE	53.78	05	305910.68S	1482209.69E
COONAMBLE	233.77	23	305841.46S	1482255.99E
COONAMBLE	128.41	12	305836.53S	1482226.33E
COONAMBLE	308.40	30	305848.23S	1482243.46E
COONDEWANNA	83.28	08	225803.09S	1184819.38E
COONDEWANNA	263.28	26	225756.24S	1184922.15E
COOTAMUNDRA	110.48	10	343727.15S	1480143.45E
COOTAMUNDRA	290.47	28	343736.86S	1480214.91E
COOTAMUNDRA	353.33	34	343738.17S	1480213.42E
COOTAMUNDRA	173.33	16	343701.82S	1480208.28E
COROWA	54.15	05	360002.87S	1462040.86E
COROWA	234.15	23	355933.83S	1462130.32E
COROWA	144.14	14	355859.12S	1462047.19E
COROWA	324.14	32	355932.84S	1462117.18E
CORRYONG	72.19	06	361106.49S	1475249.14E
CORRYONG	252.19	24	361054.21S	1475336.29E
COWRA	41.14	03	335046.97S	1483835.96E
COWRA	221.14	21	335018.45S	1483905.82E
COWRA	161.47	15	335021.16S	1483841.57E
COWRA	341.46	33	335111.33S	1483901.73E
CROKER ISLAND	135.58	13	110928.00S	1322840.14E
CROKER ISLAND	315.58	31	111001.36S	1322913.25E
CUE	40.81	04	272726.68S	1175440.15E
CUE	220.80	22	272637.98S	1175527.28E
CUNNAMULLA	68.07	06	280159.78S	1453651.92E
CUNNAMULLA	248.07	24	280148.69S	1453722.96E
CUNNAMULLA	130.16	12	280136.18S	1453710.94E
CUNNAMULLA	310.16	30	280212.49S	1453759.43E
CURTIN	110.37	11	173432.28S	1234854.43E
CURTIN	290.37	29	173506.82S	1235031.42E
DALGARANGA MINE	110.47	11	274939.86S	1171830.82E
DALGARANGA MINE	290.47	29	274958.04S	1171925.62E
DARWIN	108.91	11	122433.85S	1305154.94E
DARWIN	288.91	29	122509.22S	1305339.99E
DARWIN	179.85	18	122431.83S	1305214.35E
DARWIN	359.85	36	122521.45S	1305214.48E
DEGRUSSA	89.01	09	253330.70S	1191640.70E
DEGRUSSA	269.00	27	253329.62S	1191749.49E
DELAMERE RANGE FACILITY	90.25	09	154449.36S	1315448.43E
DELAMERE RANGE FACILITY	270.24	27	154449.52S	1315527.03E
DENILIQUIN	66.18	06	353339.79S	1445625.06E
DENILIQUIN	246.17	24	353323.81S	1445709.35E
DENILIQUIN	141.07	12	353309.27S	1445634.16E
DENILIQUIN	321.07	30	353346.80S	1445711.26E
DERBY	110.40	11	172207.77S	1233912.43E
DERBY	290.40	29	172227.46S	1234007.56E
DERBY	56.14	05	172228.45S	1233929.88E
DERBY	236.14	23	172207.50S	1234002.40E
DEVONPORT	76.13	06	411010.98S	1462508.93E
DEVONPORT	256.11	24	410956.69S	1462625.47E
DEVONPORT	156.13	14	410956.42S	1462542.89E
DEVONPORT	336.13	32	411022.51S	1462558.17E
DIRRANBANDI	18.42	01	283532.23S	1481256.10E
DIRRANBANDI	198.42	19	283454.60S	1481310.30E
DJARINDJIN/ LOMBADINA	105.65	10	163049.87S	1225505.60E
DJARINDJIN/ LOMBADINA	285.65	28	163100.40S	1225544.57E
DONALD	97.58	09	362134.81S	1430016.63E
DONALD	277.58	27	362139.80S	1430102.99E
DONALD	187.60	18	362138.93S	1430026.73E
DONALD	7.60	36	362205.05S	1430022.42E
DOOMADGEE	120.29	12	175559.69S	1384828.01E
DOOMADGEE	300.29	30	175626.86S	1384916.61E
DUBBO	53.76	05	321322.09S	1483407.82E
DUBBO	233.75	23	321249.29S	1483500.45E
DUBBO	119.05	11	321251.71S	1483424.40E
DUBBO	299.05	29	321308.55S	1483500.06E
DUKETON GOLD	180.43	18	273533.30S	1222008.86E
DUKETON GOLD	0.43	36	273638.30S	1222008.31E
EAST JAURDI	79.62	08	304617.38S	1201808.58E
EAST JAURDI	259.61	26	304606.26S	1201918.83E
EAST SALE	53.88	04	380621.78S	1470818.82E
EAST SALE	233.86	22	380535.17S	1470939.62E
EAST SALE	98.91	09	380544.45S	1470741.88E
EAST SALE	278.89	27	380555.64S	1470912.33E
ECHUCA	58.52	05	360928.50S	1444531.58E
ECHUCA	238.52	23	360919.85S	1444549.00E
ECHUCA	178.51	17	360928.09S	1444543.02E
ECHUCA	358.51	35	361008.69S	1444544.32E
EDINBURGH	188.52	18	344140.33S	1383703.30E
EDINBURGH	8.52	36	344302.47S	1383648.40E
ELCHO ISLAND	99.88	10	120105.11S	1353405.84E
ELCHO ISLAND	279.88	28	120113.15S	1353452.73E
ELIWANA	99.91	10	222535.22S	1165233.29E
ELIWANA	279.90	28	222549.21S	1165359.45E
EMERALD	70.49	06	233419.98S	1481015.95E
EMERALD	250.48	24	233359.35S	1481119.10E
EMERALD	151.30	15	233353.46S	1481029.32E
EMERALD	331.30	33	233411.09S	1481039.79E
ESPERANCE	110.97	11	334045.35S	1214845.99E
ESPERANCE	290.96	29	334106.25S	1214951.24E
ESPERANCE	28.42	03	334120.86S	1214915.91E
ESPERANCE	208.42	21	334047.26S	1214937.66E
FITZROY CROSSING	17.35	01	181120.95S	1253328.74E
FITZROY CROSSING	197.35	19	181040.69S	1253341.90E
FLINDERS ISLAND	61.28	05	400540.03S	1475935.44E
FLINDERS ISLAND	241.27	23	400524.23S	1480012.98E
FLINDERS ISLAND	143.66	14	400458.36S	1475858.11E
FLINDERS ISLAND	323.65	32	400543.27S	1475941.13E
FORBES	99.09	09	332142.44S	1475516.36E
FORBES	279.08	27	332148.73S	1475603.24E
FORREST	93.69	09	305011.36S	1280634.91E
FORREST	273.69	27	305014.19S	1280725.75E
FORREST	179.63	18	304957.59S	1280646.17E
FORREST	359.63	36	305046.98S	1280646.54E
FORRESTANIA	145.34	15	323435.45S	1194211.77E
FORRESTANIA	325.34	33	323516.29S	1194245.12E
FORTESCUE DAVE FORREST	124.16	12	221707.60S	1192545.02E
FORTESCUE DAVE FORREST	304.15	30	221749.56S	1192651.47E
GARDEN POINT	41.73	04	112414.79S	1302517.59E
GARDEN POINT	221.73	22	112342.81S	1302546.50E
GAYNDAH	65.32	06	253705.34S	1513654.70E
GAYNDAH	245.32	24	253648.17S	1513735.91E
GEORGETOWN (QLD)	63.50	06	181818.14S	1433133.32E
GEORGETOWN (QLD)	243.50	24	181801.31S	1433208.66E
GERALDTON	18.38	03	284828.68S	1144207.48E
GERALDTON	198.38	21	284715.06S	1144235.25E
GERALDTON	79.51	08	284716.59S	1144158.32E
GERALDTON	259.51	26	284711.27S	1144230.94E
GERALDTON	142.68	14	284716.99S	1144201.67E
GERALDTON	322.68	32	284738.82S	1144220.56E
GINBATA	90.00	09	223453.83S	1200124.57E
GINBATA	270.00	27	223453.83S	1200252.02E
GINGIN	75.00	08	312759.36S	1155113.43E
GINGIN	254.99	26	312743.99S	1155220.33E
GLADSTONE	110.12	10	235200.85S	1511301.24E

AD	BRG(T)	RWY	LAT	LONG
GLADSTONE	290.11	28	235219.40S	1511356.32E
GLEN INNES	105.87	10	294026.07S	1514056.86E
GLEN INNES	285.87	28	294036.73S	1514139.80E
GLEN INNES	154.08	14	294001.41S	1514110.24E
GLEN INNES	334.07	32	294045.12S	1514134.57E
GNOWANGERUP	121.72	12	335828.68S	1180020.20E
GNOWANGERUP	301.71	30	335854.26S	1180109.88E
GOLD COAST	150.59	14	280923.44S	1533002.54E
GOLD COAST	330.59	32	281021.25S	1533039.31E
GOLD COAST	184.09	17	280951.68S	1533024.31E
GOLD COAST	4.09	35	281010.54S	1533022.79E
GOLDEN GROVE	116.36	11	284541.05S	1165754.05E
GOLDEN GROVE	296.36	29	284601.18S	1165840.15E
GOODOOGA	130.88	12	290411.12S	1472250.87E
GOODOOGA	310.87	30	290433.01S	1472319.66E
GOONDIWINDI	42.10	04	283137.28S	1501855.98E
GOONDIWINDI	222.09	22	283104.97S	1501929.03E
GOONDIWINDI	131.49	12	283114.65S	1501904.27E
GOONDIWINDI	311.49	30	283131.78S	1501926.20E
GOULBURN	47.62	04	344847.61S	1494318.14E
GOULBURN	227.61	22	344819.58S	1494355.38E
GOULBURN	92.00	08	344834.87S	1494338.36E
GOULBURN	272.00	26	344835.64S	1494405.09E
GOVE	129.92	13	121546.21S	1364835.25E
GOVE	309.92	31	121632.32S	1364931.28E
GRAFTON	185.25	18	294449.78S	1530155.35E
GRAFTON	5.25	36	294544.95S	1530149.54E
GRIFFITH	65.79	06	341525.99S	1460306.56E
GRIFFITH	245.78	24	341503.30S	1460407.32E
GRIFFITH	188.50	18	341447.98S	1460406.73E
GRIFFITH	8.50	36	341507.25S	1460403.26E
GROOTE EYLANDT	99.14	10	135815.69S	1362659.62E
GROOTE EYLANDT	279.14	28	135825.53S	1362802.24E
GRUYERE	65.25	06	280219.14S	1234817.18E
GRUYERE	245.24	24	280150.56S	1234927.02E
GUDAI-DARRI MINE	115.59	12	222959.93S	1190402.02E
GUDAI-DARRI MINE	295.58	30	223030.81S	1190511.43E
GUNNEDAH	122.63	11	305712.97S	1501426.29E
GUNNEDAH	302.62	29	305741.75S	1501518.46E
HALLS CREEK	43.82	04	181427.31S	1273941.05E
HALLS CREEK	223.82	22	181352.71S	1274015.80E
HALLS CREEK	265.70	26	181405.80S	1274019.55E
HALLS CREEK	85.71	08	181408.10S	1273947.50E
HAMILTON	113.35	10	373845.51S	1420333.48E
HAMILTON	293.34	28	373901.36S	1420419.66E
HAMILTON	180.10	17	373819.13S	1420342.93E
HAMILTON	0.10	35	373913.11S	1420342.81E
HAMILTON ISLAND	142.88	14	202104.76S	1485648.18E
HAMILTON ISLAND	322.88	32	202149.01S	1485723.69E
HAY	43.61	04	343214.67S	1444926.21E
HAY	223.60	22	343140.29S	1445005.78E
HAY	154.52	15	343125.91S	1444937.43E
HAY	334.52	33	343159.36S	1444956.69E
HERVEY BAY	118.65	11	251856.10S	1525217.53E
HERVEY BAY	298.64	29	251927.26S	1525320.29E
HOBART	135.03	12	424944.29S	1473007.39E
HOBART	315.02	30	425044.09S	1473128.57E
HOLSWORTHY	123.51	11	335938.25S	1505656.60E
HOLSWORTHY	303.50	29	335950.26S	1505718.38E
HOPETOUN	20.18	01	354311.50S	1422129.96E
HOPETOUN	200.18	19	354237.68S	1422145.20E
HOPETOUN	89.78	08	354250.26S	1422127.40E
HOPETOUN	269.78	26	354250.20S	1422146.77E
HORN ISLAND	84.81	08	103512.02S	1421652.47E
HORN ISLAND	264.81	26	103507.93S	1421738.00E
HORN ISLAND	139.83	14	103451.59S	1421719.64E
HORN ISLAND	319.83	32	103522.31S	1421745.85E
HORSHAM	89.71	08	364007.97S	1421014.77E
HORSHAM	269.70	26	364007.75S	1421107.97E
HORSHAM	179.62	17	364011.44S	1421019.24E
HORSHAM	359.62	35	364043.83S	1421019.51E
HUGHENDEN	127.83	12	204829.80S	1441307.36E
HUGHENDEN	307.82	30	204902.59S	1441352.28E
HUGHENDEN	65.71	06	204912.14S	1441251.26E
HUGHENDEN	245.71	24	204854.63S	1441332.52E
INNISFAIL/MUNDOO	141.08	14	173315.22S	1460025.48E
INNISFAIL/MUNDOO	321.08	32	173349.48S	1460054.32E
INNISFAIL/MUNDOO	35.04	03	173348.01S	1460033.94E
INNISFAIL/MUNDOO	215.04	21	173315.89S	1460057.42E
INVERELL	50.49	04	295333.16S	1510816.14E
INVERELL	230.49	22	295318.69S	1510836.28E
INVERELL	170.59	16	295243.04S	1510836.51E
INVERELL	350.59	34	295350.74S	1510849.39E
IRON BRIDGE MINE	116.32	12	211655.03S	1185213.36E
IRON BRIDGE MINE	296.31	30	211731.06S	1185331.10E
IVANHOE	173.31	16	325252.60S	1441837.95E
IVANHOE	353.31	34	325332.73S	1441843.53E
IVANHOE	98.36	09	325254.38S	1441822.69E
IVANHOE	278.35	27	325259.19S	1441901.50E
JABIRU	94.71	09	123927.03S	1325317.61E
JABIRU	274.70	27	123930.77S	1325403.90E
JACINTH AMBROSIA	139.73	14	305341.33S	1321039.10E
JACINTH AMBROSIA	319.72	32	305425.91S	1321122.90E
JERVIS BAY	94.89	08	350842.80S	1504117.55E
JERVIS BAY	274.88	26	350846.84S	1504215.14E
JERVIS BAY	163.96	15	350830.16S	1504141.81E
JERVIS BAY	343.96	33	350917.69S	1504158.45E
JULIA CREEK	107.19	10	203958.97S	1414243.22E
JULIA CREEK	287.18	28	204012.43S	1414329.47E
JUNDEE	83.10	08	262522.55S	1203403.01E
JUNDEE	263.09	26	262514.37S	1203518.04E
KALBARRI	180.08	18	274105.95S	1141533.32E
KALBARRI	0.08	36	274157.93S	1141533.24E
KALGOORLIE-BOULDER	110.45	11	304717.83S	1212716.61E
KALGOORLIE-BOULDER	290.44	29	304740.52S	1212827.10E
KALGOORLIE-BOULDER	185.47	18	304653.12S	1212743.61E
KALGOORLIE-BOULDER	5.47	36	304731.90S	1212739.31E
KALKGURUNG	213.53	21	172524.76S	1304847.10E
KALKGURUNG	33.53	03	172558.67S	1304823.69E
KALKGURUNG	135.13	13	172559.60S	1304826.26E
KALKGURUNG	315.13	31	172621.65S	1304849.13E
KAMBALDA	163.79	16	311058.68S	1213542.83E
KAMBALDA	343.79	34	311154.80S	1213601.81E
KARARA	116.65	12	291251.88S	1164050.74E
KARARA	296.64	30	291312.28S	1164137.09E
KARLAWINDA MINE	8.32	01	234725.03S	1200804.74E
KARLAWINDA MINE	188.32	19	234620.75S	1200814.95E
KARRATHA	83.73	08	204250.41S	1164552.92E
KARRATHA	263.72	26	204242.31S	1164711.15E
KARUMBA	37.58	03	172722.56S	1404948.13E
KARUMBA	217.57	21	172647.02S	1405016.62E
KATANNING	65.29	07	334208.96S	1173856.57E
KATANNING	245.28	25	334148.61S	1173949.46E
KATANNING	130.14	13	334140.40S	1173900.36E
KATANNING	310.13	31	334201.36S	1173930.10E
KEMPSEY	54.39	04	310435.47S	1524530.39E
KEMPSEY	234.38	22	310404.39S	1524620.80E
KENS BORE	134.70	14	220909.73S	1160905.19E

AD	BRG(T)	RWY	LAT	LONG
KENS BORE	314.69	32	220957.73S	1160957.27E
KERANG	58.95	05	354509.70S	1435620.82E
KERANG	238.94	23	354458.12S	1435644.41E
KERANG	148.96	14	354452.30S	1435603.10E
KERANG	328.96	32	354521.95S	1435624.99E
KIMBA	40.24	03	330555.02S	1362739.01E
KIMBA	220.23	21	330515.84S	1362818.39E
KIMBA	160.21	15	330500.78S	1362738.76E
KIMBA	340.20	33	330534.74S	1362753.28E
KING ISLAND	114.50	10	395224.35S	1435213.77E
KING ISLAND	294.49	28	395245.65S	1435314.45E
KING ISLAND	184.21	17	395222.07S	1435305.22E
KING ISLAND	4.21	35	395257.84S	1435301.80E
KINGAROY	169.07	16	263420.87S	1515017.09E
KINGAROY	349.07	34	263511.91S	1515028.05E
KINGAROY	65.22	05	263507.83S	1515009.47E
KINGAROY	245.21	23	263450.08S	1515052.22E
KINGSCOTE/ KANGAROO ISLAND	21.35	01	354325.09S	1373118.26E
KINGSCOTE/ KANGAROO ISLAND	201.34	19	354230.25S	1373144.54E
KINGSCOTE/ KANGAROO ISLAND	66.38	06	354253.48S	1373100.64E
KINGSCOTE/ KANGAROO ISLAND	246.37	24	354238.73S	1373141.99E
KINGSCOTE/ KANGAROO ISLAND	156.38	15	354233.68S	1373104.46E
KINGSCOTE/ KANGAROO ISLAND	336.38	33	354314.82S	1373126.52E
KOOLAN ISLAND/ KOOLAN CENTRAL	114.59	11	160715.80S	1234334.33E
KOOLAN ISLAND/ KOOLAN CENTRAL	294.58	29	160744.23S	1234438.62E
KOWANYAMA	119.94	12	152856.72S	1414449.03E
KOWANYAMA	299.94	30	152919.13S	1414529.15E
KUNUNURRA	119.67	12	154625.84S	1284206.08E
KUNUNURRA	299.66	30	154655.28S	1284259.46E
LAKE CARGELLIGO	130.66	12	331643.47S	1462211.08E
LAKE CARGELLIGO	310.66	30	331702.09S	1462236.89E
LAKE CARGELLIGO	242.68	23	331649.03S	1462252.93E
LAKE CARGELLIGO	62.69	05	331706.93S	1462211.67E
LAKE EVELLA	85.47	08	122954.02S	1354806.03E
LAKE EVELLA	265.46	26	122951.28S	1354841.19E
LATROBE VALLEY	45.14	03	381255.89S	1462754.19E
LATROBE VALLEY	225.13	21	381223.17S	1462835.86E
LATROBE VALLEY	97.15	09	381218.40S	1462755.33E
LATROBE VALLEY	277.14	27	381222.11S	1462832.83E
LAUNCESTON	147.28	14R	413213.44S	1471214.75E
LAUNCESTON	327.27	32L	413307.47S	1471300.96E
LAVERTON	69.71	07	283700.24S	1222515.95E
LAVERTON	249.71	25	283639.97S	1222618.08E
LAVERTON	157.39	16	283622.93S	1222521.74E
LAVERTON	337.39	34	283650.50S	1222534.75E
LEARMONTH	183.86	18	221311.89S	1140528.15E
LEARMONTH	3.86	36	221450.73S	1140520.98E
LEIGH CREEK	30.05	02	303613.49S	1382513.16E
LEIGH CREEK	210.05	20	303539.22S	1382536.08E
LEIGH CREEK	120.94	11	303544.39S	1382527.19E
LEIGH CREEK	300.94	29	303612.94S	1382622.25E
LEINSTER	100.33	10	275033.62S	1204142.67E
LEINSTER	280.32	28	275044.09S	1204247.30E
LEONORA	36.76	04	285320.83S	1211821.94E
LEONORA	216.76	22	285228.32S	1211906.51E
LEONORA	133.22	12	285230.13S	1211829.88E
LEONORA	313.22	30	285255.93S	1211901.07E
LIGHTNING RIDGE	47.38	04	292718.47S	1475850.22E
LIGHTNING RIDGE	227.37	22	292702.32S	1475910.27E
LIGHTNING RIDGE	109.35	10	292701.98S	1475811.41E
LIGHTNING RIDGE	289.34	28	292718.19S	1475904.16E
LISMORE	157.11	15	284926.39S	1531518.89E
LISMORE	337.11	33	285015.65S	1531542.51E
LOCKHART RIVER	124.94	12	124701.39S	1431802.16E
LOCKHART RIVER	304.94	30	124729.34S	1431842.92E
LONGREACH	46.55	04	232616.76S	1441614.43E
LONGREACH	226.55	22	232533.52S	1441703.90E
LORD HOWE ISLAND	114.25	10	313212.26S	1590418.15E
LORD HOWE ISLAND	294.24	28	313222.71S	1590445.24E
MACKAY	147.70	14	210947.43S	1491038.92E
MACKAY	327.70	32	211041.90S	1491115.63E
MAITLAND (NSW)	56.70	05	324211.24S	1512922.39E
MAITLAND (NSW)	236.70	23	324151.14S	1512958.58E
MAITLAND (NSW)	93.12	08	324204.19S	1512927.09E
MAITLAND (NSW)	273.11	26	324205.20S	1512949.03E
MAITLAND (NSW)	193.05	18	324146.23S	1512935.68E
MAITLAND (NSW)	13.05	36	324202.13S	1512931.32E
MALLACOOTA	262.96	25	373601.30S	1494325.99E
MALLACOOTA	82.97	07	373604.80S	1494250.35E
MALLACOOTA	190.87	18	373539.19S	1494320.53E
MALLACOOTA	10.87	36	373611.97S	1494312.62E
MANGALORE	54.05	05	365336.47S	1451022.72E
MANGALORE	234.04	23	365257.88S	1451128.96E
MANGALORE	189.08	18	365257.98S	1451124.00E
MANGALORE	9.09	36	365344.75S	1451114.69E
MANINGRIDA	148.64	14	120309.36S	1341357.66E
MANINGRIDA	328.64	32	120351.82S	1341423.95E
MANJIMUP	113.95	12	341547.69S	1160802.92E
MANJIMUP	293.94	30	341603.81S	1160846.64E
MARBLE BAR	84.13	09	210948.77S	1194929.07E
MARBLE BAR	264.12	27	210942.45S	1195034.54E
MAREEBA	109.49	10	170404.44S	1452502.23E
MAREEBA	289.48	28	170420.76S	1452550.18E
MARYBOROUGH (QLD)	128.58	12	253042.43S	1524242.14E
MARYBOROUGH (QLD)	308.57	30	253100.40S	1524306.97E
MARYBOROUGH (QLD)	173.53	17	253022.97S	1524245.77E
MARYBOROUGH (QLD)	353.53	35	253114.24S	1524252.18E
MCARTHUR RIVER MINE	69.31	06	162655.48S	1360351.01E
MCARTHUR RIVER MINE	249.30	24	162626.74S	1360509.85E
MEEKATHARRA	84.90	09	263632.79S	1183206.40E
MEEKATHARRA	264.89	27	263626.49S	1183324.92E
MEEKATHARRA	139.02	15	263633.66S	1183256.47E
MEEKATHARRA	319.02	33	263659.79S	1183321.72E
MELBOURNE	171.56	16	373911.45S	1445005.69E
MELBOURNE	351.56	34	374108.80S	1445027.60E
MELBOURNE	94.20	09	373938.70S	1444920.11E
MELBOURNE	274.18	27	373944.12S	1445053.13E
MELBOURNE/AVALON	187.59	18	380138.00S	1442809.95E
MELBOURNE/AVALON	7.59	36	380315.98S	1442753.44E
MELBOURNE/ ESSENDON	88.05	08	374352.97S	1445334.39E
MELBOURNE/ ESSENDON	268.03	26	374350.84S	1445452.80E
MELBOURNE/ ESSENDON	177.82	17	374313.49S	1445402.74E
MELBOURNE/ ESSENDON	357.81	35	374402.20S	1445405.08E
MELBOURNE/ MOORABBIN	47.38	04	375846.27S	1450553.26E

AD	BRG(T)	RWY	LAT	LONG
MELBOURNE/ MOORABBIN	227.37	22	375835.94S	1450607.44E
MELBOURNE/ MOORABBIN	142.01	13L	375822.47S	1450555.12E
MELBOURNE/ MOORABBIN	322.00	31R	375849.04S	1450621.34E
MELBOURNE/ MOORABBIN	142.00	13R	375832.54S	1450553.96E
MELBOURNE/ MOORABBIN	322.00	31L	375851.67S	1450612.84E
MELBOURNE/ MOORABBIN	176.05	17L	375827.37S	1450558.28E
MELBOURNE/ MOORABBIN	356.05	35R	375855.71S	1450600.75E
MELBOURNE/ MOORABBIN	176.02	17R	375825.40S	1450549.33E
MELBOURNE/ MOORABBIN	356.02	35L	375854.27S	1450551.87E
MERIMBULA	33.99	03	365446.30S	1495347.71E
MERIMBULA	213.99	21	365403.21S	1495423.89E
MILDURA	101.63	09	341335.11S	1420425.90E
MILDURA	281.62	27	341347.08S	1420535.95E
MILDURA	185.05	18	341333.00S	1420522.80E
MILDURA	5.05	36	341409.83S	1420518.88E
MILES	50.12	04	264840.17S	1500945.58E
MILES	230.12	22	264807.07S	1501029.73E
MILINGIMBI	116.22	11	120531.58S	1345314.41E
MILINGIMBI	296.22	29	120551.86S	1345356.26E
MOOMBA	126.77	12	280539.42S	1401126.27E
MOOMBA	306.76	30	280612.82S	1401216.68E
MORANBAH	171.37	16	220304.84S	1480430.93E
MORANBAH	351.37	34	220353.92S	1480438.92E
MORAWA	89.09	09	291209.28S	1160111.21E
MORAWA	269.09	27	291208.78S	1160147.25E
MORAWA	148.67	15	291149.80S	1160105.80E
MORAWA	328.67	33	291227.23S	1160131.77E
MOREE	17.28	01	293022.62S	1495034.95E
MOREE	197.28	19	292932.71S	1495052.70E
MOREE	58.17	05	293003.00S	1495011.65E
MOREE	238.17	23	292946.24S	1495042.51E
MORNINGTON ISLAND	278.38	27	163944.98S	1391037.55E
MORNINGTON ISLAND	98.38	09	163937.78S	1390946.85E
MORUYA	191.80	18	355319.78S	1500853.92E
MORUYA	11.80	36	355408.18S	1500841.49E
MORUYA	56.11	04	355413.51S	1500823.72E
MORUYA	236.11	22	355358.54S	1500851.11E
MOUNT GAMBIER	63.81	06	374458.08S	1404646.75E
MOUNT GAMBIER	243.80	24	374445.96S	1404717.78E
MOUNT GAMBIER	120.92	11	374445.50S	1404646.38E
MOUNT GAMBIER	300.91	29	374500.86S	1404718.68E
MOUNT GAMBIER	185.77	18	374425.08S	1404722.91E
MOUNT GAMBIER	5.77	36	374518.15S	1404716.16E
MOUNT GORDON	90.08	08	194621.49S	1392355.12E
MOUNT GORDON	270.07	26	194621.54S	1392435.14E
MOUNT HOLLAND	84.75	08	320636.25S	1194506.26E
MOUNT HOLLAND	264.75	26	320631.50S	1194607.00E
MOUNT HOTHAM	123.48	11	370240.37S	1471942.11E
MOUNT HOTHAM	303.48	29	370306.49S	1472031.38E
MOUNT ISA	167.73	16	203918.15S	1392909.17E
MOUNT ISA	347.73	34	204039.51S	1392927.97E
MOUNT KEITH	114.04	11	271701.27S	1203244.88E
MOUNT KEITH	294.03	29	271725.04S	1203344.54E
MOUNT MAGNET	35.54	04	280703.93S	1175006.59E
MOUNT MAGNET	215.54	22	280640.20S	1175025.71E
MOUNT MAGNET	156.88	16	280627.84S	1175013.44E
MOUNT MAGNET	336.88	34	280721.61S	1175039.33E
MUDGEE	52.13	04	323411.04S	1493607.29E
MUDGEE	232.12	22	323336.40S	1493659.89E
MUDGEE	170.88	16	323318.37S	1493640.93E
MUDGEE	350.88	34	323352.88S	1493647.47E
MUNGALALU-TRUSCOTT	128.35	12	140457.22S	1262224.89E
MUNGALALU-TRUSCOTT	308.34	30	140533.54S	1262311.93E
MURRIN MURRIN	35.20	03	284244.65S	1215303.61E
MURRIN MURRIN	215.20	21	284151.56S	1215346.09E
NARACOORTE	27.30	02	365923.91S	1404322.95E
NARACOORTE	207.30	20	365845.35S	1404347.76E
NARACOORTE	84.07	08	365851.20S	1404302.21E
NARACOORTE	264.06	26	365847.69S	1404344.27E
NARRABRI	95.59	09	301849.73S	1494944.19E
NARRABRI	275.59	27	301852.26S	1495013.99E
NARRABRI	193.13	18	301850.83S	1494939.49E
NARRABRI	13.13	36	301946.65S	1494924.48E
NARRANDERA	53.23	05	344212.80S	1463033.06E
NARRANDERA	233.23	23	344155.29S	1463101.43E
NARRANDERA	143.85	14	344136.00S	1463019.78E
NARRANDERA	323.85	32	344218.19S	1463057.10E
NARROMINE	53.78	04	321304.64S	1481317.88E
NARROMINE	233.77	22	321245.21S	1481349.08E
NARROMINE	121.38	11	321244.30S	1481303.71E
NARROMINE	301.37	29	321305.65S	1481344.89E
NEWMAN	55.82	05	232525.54S	1194740.73E
NEWMAN	235.82	23	232447.69S	1194841.13E
NGUKURR	114.45	11	144313.99S	1344428.64E
NGUKURR	294.45	29	144334.59S	1344515.19E
NHILL	102.48	09	361835.18S	1413829.63E
NHILL	282.48	27	361842.19S	1413908.76E
NHILL	187.22	18	361825.26S	1413837.80E
NHILL	7.22	36	361900.72S	1413832.25E
NIFTY	117.58	12	214011.11S	1213516.48E
NIFTY	297.57	30	214041.80S	1213619.35E
NORFOLK ISLAND	122.25	11	290211.68S	1675547.99E
NORFOLK ISLAND	302.25	29	290244.46S	1675647.11E
NORFOLK ISLAND	49.96	04	290247.66S	1675559.50E
NORFOLK ISLAND	229.95	22	290217.61S	1675640.19E
NORMANTON	146.52	14	174050.96S	1410402.92E
NORMANTON	326.52	32	174136.45S	1410434.31E
NORTHERN PENINSULA	137.29	13	105618.22S	1422652.28E
NORTHERN PENINSULA	317.28	31	105702.07S	1422733.25E
NOVA	60.89	06	315100.90S	1231058.90E
NOVA	240.88	24	315029.31S	1231205.36E
NOWRA	44.39	03	345655.82S	1503211.27E
NOWRA	224.38	21	345608.37S	1503307.67E
NOWRA	94.39	08	345652.32S	1503135.75E
NOWRA	274.38	26	345657.29S	1503254.47E
NUMBULWAR	149.54	15	141551.81S	1354241.79E
NUMBULWAR	329.54	33	141628.88S	1354304.14E
NYNGAN	193.50	18	313240.47S	1471203.08E
NYNGAN	13.50	36	313314.08S	1471153.66E
NYNGAN	59.31	05	313315.82S	1471143.97E
NYNGAN	239.30	23	313248.59S	1471237.53E
OAKEY	99.58	09	272432.76S	1514329.02E
OAKEY	279.58	27	272438.65S	1514408.13E
OAKEY	145.10	14	272409.61S	1514413.54E
OAKEY	325.10	32	272453.57S	1514447.90E
OAKEY	54.90	05	272421.91S	1514351.20E
OAKEY	234.89	23	272404.82S	1514418.44E
OENPELLI	118.73	12	121921.13S	1330005.43E

AD	BRG(T)	RWY	LAT	LONG
OENPELLI	298.72	30	121941.78S	1330043.75E
OLYMPIC DAM	70.52	07	302912.64S	1365200.74E
OLYMPIC DAM	250.51	25	302852.49S	1365306.48E
ONSLOW	29.46	03	214043.66S	1150634.71E
ONSLOW	209.45	21	213949.87S	1150707.21E
ORANGE	52.68	04	332242.32S	1490715.70E
ORANGE	232.67	22	332223.37S	1490745.32E
ORANGE	125.50	11	332228.89S	1490708.64E
ORANGE	305.49	29	332310.59S	1490818.34E
ORBOST	82.92	07	374724.70S	1483618.56E
ORBOST	262.91	25	374720.14S	1483704.80E
OSBORNE MINE	131.80	12	220432.43S	1403259.97E
OSBORNE MINE	311.79	30	220515.78S	1403352.00E
PALM ISLAND	142.71	14	184503.64S	1463441.13E
PALM ISLAND	322.71	32	184533.01S	1463504.61E
PARABURDOO	65.19	06	231031.58S	1174414.96E
PARABURDOO	245.18	24	231002.49S	1174523.01E
PARKES	54.91	04	330814.03S	1481350.06E
PARKES	234.91	22	330742.59S	1481443.25E
PARKES	124.81	11	330729.25S	1481349.09E
PARKES	304.81	29	330756.13S	1481435.04E
PEARCE	173.51	18L	313927.36S	1160047.10E
PEARCE	353.50	36R	314103.30S	1160059.87E
PEARCE	173.51	18R	314007.61S	1160048.00E
PEARCE	353.50	36L	314103.80S	1160055.48E
PEARCE	44.74	05	314020.35S	1160031.29E
PEARCE	224.73	23	313941.35S	1160116.47E
PERTH	13.95	03	315731.46S	1155734.86E
PERTH	193.95	21	315542.94S	1155806.47E
PERTH	58.90	06	315627.56S	1155733.13E
PERTH	238.89	24	315551.27S	1155843.65E
PERTH/JANDAKOT	54.42	06L	320559.91S	1155228.55E
PERTH/JANDAKOT	234.42	24R	320538.60S	1155303.54E
PERTH/JANDAKOT	54.41	06R	320603.16S	1155236.99E
PERTH/JANDAKOT	234.41	24L	320541.43S	1155312.66E
PERTH/JANDAKOT	114.41	12	320559.80S	1155220.95E
PERTH/JANDAKOT	294.41	30	320620.03S	1155313.32E
PETERBOROUGH/ GREAT OCEAN ROAD	94.31	08	383624.45S	1425355.52E
PETERBOROUGH/ GREAT OCEAN ROAD	274.30	26	383627.23S	1425442.59E
PLUTONIC	66.01	07	251914.92S	1192450.75E
PLUTONIC	246.01	25	251847.60S	1192558.29E
POINT COOK	175.32	17	375527.08S	1444512.24E
POINT COOK	355.32	35	375611.40S	1444516.82E
POINT COOK	48.06	04	375611.02S	1444447.35E
POINT COOK	228.05	22	375546.40S	1444521.94E
POINT COOK	90.42	08	375603.66S	1444450.94E
POINT COOK	270.41	26	375603.91S	1444534.61E
POONCARIE	63.74	06	332231.33S	1423452.94E
POONCARIE	243.74	24	332216.20S	1423529.49E
PORMPURAAW	150.58	14	145327.72S	1413621.96E
PORMPURAAW	330.58	32	145406.26S	1413644.31E
PORT AUGUSTA	159.27	15	322953.13S	1374240.83E
PORT AUGUSTA	339.27	33	323043.22S	1374303.20E
PORT HEDLAND	137.43	14	202226.71S	1183717.76E
PORT HEDLAND	317.43	32	202326.58S	1183816.08E
PORT HEDLAND	182.41	18	202213.03S	1183745.46E
PORT HEDLAND	2.41	36	202245.49S	1183744.01E
PORT HEDLAND/ WODGINA	96.06	09	210207.94S	1183758.48E
PORT HEDLAND/ WODGINA	276.06	27	210215.15S	1183910.81E
PORT KEATS	160.98	16	141437.36S	1293138.41E
PORT KEATS	340.98	34	141520.73S	1293153.74E
PORT LINCOLN	16.62	01	343645.39S	1355235.89E
PORT LINCOLN	196.62	19	343558.77S	1355252.72E
PORT LINCOLN	57.55	05	343626.54S	1355229.89E
PORT LINCOLN	237.54	23	343604.33S	1355312.13E
PORT LINCOLN	153.91	15	343556.69S	1355230.74E
PORT LINCOLN	333.90	33	343638.96S	1355255.78E
PORT MACQUARIE	29.76	03	312634.64S	1525125.89E
PORT MACQUARIE	209.75	21	312543.88S	1525159.73E
PORT PIRIE	90.12	08	331417.13S	1375928.30E
PORT PIRIE	270.12	26	331417.20S	1380008.61E
PORT PIRIE	41.83	03	331427.65S	1375952.76E
PORT PIRIE	221.83	21	331411.39S	1380010.08E
PORT PIRIE	180.42	17	331406.25S	1375929.21E
PORT PIRIE	0.42	35	331440.97S	1375928.91E
PORTLAND	87.42	08	381910.22S	1412745.90E
PORTLAND	267.40	26	381907.85S	1412852.41E
PORTLAND	177.41	17	381849.33S	1412758.29E
PORTLAND	357.40	35	381927.57S	1412800.49E
PROMINENT HILL	189.74	18	294222.10S	1353134.71E
PROMINENT HILL	9.74	36	294332.55S	1353120.86E
PROSERPINE/ WHITSUNDAY COAST	114.49	11	202925.76S	1483239.91E
PROSERPINE/ WHITSUNDAY COAST	294.49	29	202953.71S	1483345.03E
QUILPIE	94.17	09	263631.92S	1441500.01E
QUILPIE	274.17	27	263635.46S	1441554.02E
QUILPIE	194.66	18	263605.45S	1441521.20E
QUILPIE	14.66	36	263639.23S	1441511.37E
QUIRINDI	65.43	06	313005.39S	1503047.59E
QUIRINDI	245.43	24	312950.46S	1503125.70E
QUIRINDI	139.60	14	312927.12S	1503051.94E
QUIRINDI	319.59	32	313010.86S	1503135.39E
RAMINGINING	92.36	09	122124.43S	1345309.36E
RAMINGINING	272.36	27	122126.28S	1345355.01E
RAVENSTHORPE	58.87	06	334806.59S	1201201.68E
RAVENSTHORPE	238.86	24	334738.40S	1201257.58E
RAVENSTHORPE	138.73	14	334736.27S	1201224.80E
RAVENSTHORPE	318.73	32	334805.54S	1201255.57E
RENMARK	74.08	07	341201.36S	1403934.38E
RENMARK	254.07	25	341145.89S	1404039.62E
RENMARK	185.08	18	341146.81S	1404043.25E
RENMARK	5.08	36	341219.90S	1404039.71E
RICHMOND (NSW)	107.11	10	333605.81S	1504616.49E
RICHMOND (NSW)	287.10	28	333626.18S	1504735.59E
RICHMOND (QLD)	98.68	09	204200.52S	1430623.48E
RICHMOND (QLD)	278.68	27	204207.99S	1430715.48E
ROBINVALE	29.04	01	343848.60S	1424613.52E
ROBINVALE	209.04	19	343816.25S	1424635.25E
ROBINVALE	134.05	12	343832.67S	1424620.60E
ROBINVALE	314.04	30	343859.19S	1424653.78E
ROCKHAMPTON	52.38	04	232256.85S	1502755.40E
ROCKHAMPTON	232.38	22	232240.97S	1502817.72E
ROCKHAMPTON	157.66	15	232209.19S	1502814.02E
ROCKHAMPTON	337.65	33	232326.45S	1502848.42E
ROMA	101.56	09	263238.76S	1484558.83E
ROMA	281.55	27	263243.98S	1484627.22E
ROMA	191.62	18	263215.55S	1484637.57E
ROMA	11.63	36	263303.42S	1484626.62E
ROTTNEST ISLAND	90.35	09	320022.49S	1153158.29E
ROTTNEST ISLAND	270.34	27	320022.71S	1153241.01E
SAIBAI ISLAND	131.85	12	092235.38S	1423722.60E
SAIBAI ISLAND	311.85	30	092249.93S	1423738.96E
SAINT GEORGE	120.58	11	280248.81S	1483519.90E
SAINT GEORGE	300.57	29	280313.98S	1483607.92E
SAINT HELENS	93.57	08	412014.94S	1481644.88E
SAINT HELENS	273.56	26	412017.10S	1481730.89E
SCHERGER (RAAF)	121.68	12	123656.20S	1420433.77E

AD	BRG(T)	RWY	LAT	LONG
SCHERGER (RAAF)	301.67	30	123748.31S	1420559.76E
SCONE	121.68	11	320205.38S	1504933.37E
SCONE	301.67	29	320229.24S	1505018.77E
SHARK BAY	178.14	18	255319.92S	1133432.03E
SHARK BAY	358.14	36	255414.78S	1133434.00E
SHELLHARBOUR AIRPORT	94.23	08	343344.21S	1504654.46E
SHELLHARBOUR AIRPORT	274.22	26	343347.18S	1504743.04E
SHELLHARBOUR AIRPORT	169.29	16	343305.43S	1504707.30E
SHELLHARBOUR AIRPORT	349.29	34	343357.88S	1504719.29E
SHEPPARTON	99.44	09	362546.12S	1452327.04E
SHEPPARTON	279.43	27	362548.43S	1452344.24E
SHEPPARTON	10.54	36	362556.23S	1452326.26E
SHEPPARTON	190.54	18	362519.65S	1452334.68E
SNAKE BAY	129.46	13	112449.30S	1303836.95E
SNAKE BAY	309.45	31	112519.14S	1303913.70E
SOLOMON	89.64	09	221524.47S	1175026.71E
SOLOMON	269.64	27	221524.06S	1175136.62E
SOUTH GOULBURN ISLAND	99.52	10	113857.54S	1332207.93E
SOUTH GOULBURN ISLAND	279.52	28	113904.97S	1332252.89E
SOUTHERN CROSS	90.00	09	311426.83S	1192109.50E
SOUTHERN CROSS	270.00	27	311426.83S	1192159.34E
SOUTHERN CROSS	138.31	14	311357.74S	1192104.25E
SOUTHERN CROSS	318.30	32	311431.79S	1192139.55E
ST ARNAUD	187.20	18	363815.90S	1431105.95E
ST ARNAUD	7.20	36	363843.76S	1431101.58E
ST ARNAUD	97.26	09	363839.72S	1431038.16E
ST ARNAUD	277.25	27	363841.91S	1431059.51E
STANTHORPE	91.19	08	283711.77S	1515820.96E
STANTHORPE	271.18	26	283712.92S	1515923.85E
STAWELL	114.74	11	370356.21S	1424336.86E
STAWELL	294.73	29	370415.27S	1424428.49E
STAWELL	185.48	18	370416.71S	1424429.49E
STAWELL	5.49	36	370444.33S	1424426.18E
STRAHAN	191.37	18	420901.40S	1451728.99E
STRAHAN	11.37	36	420940.14S	1451718.52E
STREAKY BAY	309.65	31	325025.19S	1341753.83E
STREAKY BAY	129.66	13	324957.19S	1341713.82E
STREAKY BAY	51.80	05	325040.30S	1341737.34E
STREAKY BAY	231.80	23	325024.59S	1341800.99E
SUNRISE DAM	60.30	06	290612.06S	1222651.28E
SUNRISE DAM	240.30	24	290540.68S	1222753.92E
SUNSHINE COAST	142.35	13	263459.57S	1530428.26E
SUNSHINE COAST	322.34	31	263602.62S	1530522.37E
SWAN HILL	49.03	04	352255.42S	1433151.35E
SWAN HILL	229.02	22	352234.57S	1433220.66E
SWAN HILL	90.94	08	352229.58S	1433129.55E
SWAN HILL	270.93	26	352230.37S	1433228.78E
SYDNEY/ BANKSTOWN	123.90	11R	335517.87S	1505906.73E
SYDNEY/ BANKSTOWN	303.89	29L	335536.60S	1505940.17E
SYDNEY/ BANKSTOWN	123.90	11C	335512.43S	1505904.40E
SYDNEY/ BANKSTOWN	303.90	29C	335535.23S	1505945.10E
SYDNEY/ BANKSTOWN	123.90	11L	335512.44S	1505911.93E
SYDNEY/ BANKSTOWN	303.89	29R	335532.35S	1505947.48E
SYDNEY/KINGSFORD SMITH	74.20	07	335637.46S	1510949.06E
SYDNEY/KINGSFORD SMITH	254.19	25	335615.99S	1511120.07E
SYDNEY/KINGSFORD SMITH	167.80	16R	335548.35S	1511018.42E
SYDNEY/KINGSFORD SMITH	347.80	34L	335751.35S	1511050.33E
SYDNEY/KINGSFORD SMITH	347.79	34R	335814.72S	1511137.72E
SYDNEY/KINGSFORD SMITH	167.79	16L	335705.89S	1511119.85E
SYDNEY/NANCY-BIRD WALTON	59.74	05	335330.66S	1504144.63E
SYDNEY/NANCY-BIRD WALTON	239.72	23	335230.13S	1504348.96E
TAMWORTH	132.87	12L	310415.78S	1505013.11E
TAMWORTH	312.86	30R	310504.37S	1505113.94E
TAMWORTH	132.88	12R	310452.70S	1504958.33E
TAMWORTH	312.87	30L	310517.23S	1505029.03E
TAMWORTH	73.07	06	310459.41S	1505034.46E
TAMWORTH	253.07	24	310451.45S	1505104.84E
TAMWORTH	188.25	18	310438.75S	1505047.59E
TAMWORTH	8.26	36	310510.37S	1505042.26E
TAREE	45.04	04	315334.25S	1523035.72E
TAREE	225.04	22	315259.70S	1523116.27E
TAREE	137.81	12	315304.14S	1523029.88E
TAREE	317.80	30	315317.73S	1523044.32E
TAROOM	87.15	08	254816.27S	1495345.64E
TAROOM	267.14	26	254814.51S	1495424.63E
TAROOM	129.77	12	254755.78S	1495339.30E
TAROOM	309.76	30	254818.62S	1495409.62E
TELFER	121.50	12	214237.60S	1221319.11E
TELFER	301.49	30	214311.57S	1221418.45E
TEMORA	98.89	09	342518.35S	1473027.44E
TEMORA	278.89	27	342522.44S	1473058.99E
TEMORA	188.90	18	342506.36S	1473053.62E
TEMORA	8.90	36	342549.38S	1473045.49E
TEMORA	241.88	23	342502.84S	1473051.26E
TEMORA	61.89	05	342533.13S	1472942.84E
TENNANT CREEK	74.37	07	193809.09S	1341010.92E
TENNANT CREEK	254.37	25	193751.93S	1341115.65E
TENNANT CREEK	119.25	11	193801.69S	1341033.43E
TENNANT CREEK	299.25	29	193818.44S	1341105.00E
THANGOOL	111.48	10	242933.60S	1503418.72E
THANGOOL	291.47	28	242951.77S	1503509.19E
THANGOOL	139.68	14	242931.62S	1503431.57E
THANGOOL	319.68	32	242951.33S	1503449.85E
THARGOMINDAH	51.30	04	275941.33S	1434828.80E
THARGOMINDAH	231.29	22	275924.11S	1434853.01E
THARGOMINDAH	140.65	13	275853.08S	1434827.07E
THARGOMINDAH	320.64	31	275929.84S	1434901.03E
THE GRANITES	116.97	11	203238.39S	1302025.79E
THE GRANITES	296.96	29	203312.80S	1302137.60E
THE MONUMENT	145.83	14	214807.57S	1395459.14E
THE MONUMENT	325.83	32	214858.68S	1395536.29E
THEODORE	180.06	17	245850.24S	1500535.17E
THEODORE	0.06	35	245934.10S	1500535.12E
THUNDERBOX	75.47	07	280920.02S	1205546.81E
THUNDERBOX	255.46	25	280904.53S	1205654.21E
TIBOOBURRA	29.92	02	292726.84S	1420314.92E
TIBOOBURRA	209.91	20	292658.82S	1420333.34E
TIBOOBURRA	161.13	15	292638.46S	1420313.90E
TIBOOBURRA	341.13	33	292725.58S	1420332.30E
TINDAL	138.90	14	143028.91S	1322154.53E
TINDAL	318.90	32	143151.10S	1322308.13E
TOCUMWAL	98.59	09	354836.28S	1453542.06E
TOCUMWAL	278.58	27	354842.11S	1453629.46E
TOCUMWAL	188.52	18	354814.74S	1453621.34E

AD	BRG(T)	RWY	LAT	LONG
TOCUMWAL	8.52	36	354855.59S	1453613.83E
TOOWOOMBA	116.82	11	273225.50S	1515445.35E
TOOWOOMBA	296.81	29	273243.39S	1515525.06E
TOOWOOMBA	72.39	06	273238.34S	1515440.25E
TOOWOOMBA	252.38	24	273231.85S	1515503.18E
TOWNSVILLE/ TOWNSVILLE INTL	24.16	01	191529.90S	1464553.00E
TOWNSVILLE/ TOWNSVILLE INTL	204.16	19	191417.53S	1464627.18E
TOWNSVILLE/ TOWNSVILLE INTL	73.98	07	191520.91S	1464519.96E
TOWNSVILLE/ TOWNSVILLE INTL	253.97	25	191511.06S	1464556.07E
TREPELL	143.96	14	214942.99S	1405256.73E
TREPELL	323.96	32	215030.29S	1405333.59E
TROPICANA	88.99	09	291110.20S	1243222.80E
TROPICANA	268.98	27	291109.00S	1243340.20E
TROUGHTON ISLAND	147.56	14	134454.24S	1260847.54E
TROUGHTON ISLAND	327.56	32	134521.23S	1260905.09E
TUMBY BAY	160.47	15	342124.85S	1360537.42E
TUMBY BAY	340.47	33	342158.40S	1360551.77E
TUMUT	181.95	17	351548.39S	1481426.52E
TUMUT	1.95	35	351622.76S	1481425.09E
WAGGA WAGGA	62.13	05	351001.42S	1472736.49E
WAGGA WAGGA	242.12	23	350934.56S	1472838.33E
WAGGA WAGGA	125.20	12	350951.22S	1472747.03E
WAGGA WAGGA	305.19	30	351007.14S	1472814.52E
WALGETT	58.13	05	300214.39S	1480705.94E
WALGETT	238.13	23	300146.51S	1480757.48E
WALGETT	190.59	18	300135.84S	1480735.09E
WALGETT	10.59	36	300212.66S	1480727.18E
WANGARATTA	97.91	09	362508.16S	1461758.62E
WANGARATTA	277.90	27	362510.54S	1461819.83E
WANGARATTA	188.23	18	362429.92S	1461834.82E
WANGARATTA	8.24	36	362522.53S	1461825.40E
WARBURTON	184.08	18	260706.24S	1263501.33E
WARBURTON	4.08	36	260757.77S	1263457.26E
WARRACKNABEAL	85.97	08	361919.54S	1422446.62E
WARRACKNABEAL	265.96	26	361916.41S	1422541.50E
WARRACKNABEAL	175.48	17	361902.96S	1422505.72E
WARRACKNABEAL	355.48	35	361927.64S	1422508.13E
WARREN	40.91	03	314426.20S	1474733.18E
WARREN	220.91	21	314400.42S	1474759.32E
WARREN	99.02	09	314359.77S	1474811.36E
WARREN	279.02	27	314405.82S	1474855.96E
WARRNAMBOOL	47.89	04	381755.40S	1422637.10E
WARRNAMBOOL	227.89	22	381732.15S	1422709.74E
WARRNAMBOOL	138.03	13	381723.36S	1422628.85E
WARRNAMBOOL	318.02	31	381756.44S	1422706.61E
WARWICK	98.95	09	280854.13S	1515605.65E
WARWICK	278.94	27	280902.44S	1515705.23E
WEIPA	124.25	12	124023.70S	1415458.20E
WEIPA	304.25	30	124053.84S	1415543.28E
WENTWORTH	180.96	17	340448.91S	1415328.40E
WENTWORTH	0.96	35	340519.28S	1415327.79E
WENTWORTH	271.52	26	340511.19S	1415406.75E
WENTWORTH	91.53	08	340509.98S	1415312.14E
WEST ANGELAS	45.57	04	230831.62S	1184202.52E
WEST ANGELAS	225.57	22	230749.75S	1184248.70E
WEST MUSGRAVE	90.58	09	260308.79S	1274048.84E
WEST MUSGRAVE	270.57	27	260309.48S	1274204.40E
WEST SALE	56.30	05	380541.25S	1465742.73E
WEST SALE	236.29	23	380532.23S	1465759.84E
WEST SALE	99.49	09	380522.94S	1465724.23E
WEST SALE	279.47	27	380532.57S	1465837.21E
WEST SALE	145.69	14	380530.38S	1465751.11E
WEST SALE	325.69	32	380549.13S	1465807.30E
WEST WYALONG	41.56	04	335622.91S	1471133.74E
WEST WYALONG	221.55	22	335604.00S	1471153.85E
WEST WYALONG	98.64	09	335616.89S	1471052.33E
WEST WYALONG	278.63	27	335624.61S	1471153.34E
WHITE CLIFFS	125.96	12	305057.00S	1430402.71E
WHITE CLIFFS	305.96	30	305117.58S	1430435.59E
WHITE CLIFFS	30.00	02	305124.79S	1430405.49E
WHITE CLIFFS	210.00	20	305100.36S	1430421.84E
WHYALLA	174.28	17	330304.06S	1373106.46E
WHYALLA	354.28	35	330358.54S	1373112.94E
WHYALLA	54.23	05	330335.91S	1373018.24E
WHYALLA	234.23	23	330307.47S	1373105.12E
WILCANNIA	36.21	03	313132.89S	1432230.72E
WILCANNIA	216.20	21	313108.48S	1432251.58E
WILCANNIA	96.71	09	313058.90S	1432233.77E
WILCANNIA	276.70	27	313103.06S	1432315.08E
WILKINS RUNWAY	274.00	27T	664131.72S	1113320.64E
WILKINS RUNWAY	94.00	09T	664125.46S	1112916.55E
WILLIAMTOWN	130.30	12	324713.64S	1514921.34E
WILLIAMTOWN	310.29	30	324817.85S	1515050.99E
WILUNA	146.57	15	263733.15S	1201300.93E
WILUNA	326.56	33	263822.26S	1201337.01E
WINDARLING	103.43	10	300149.61S	1192240.24E
WINDARLING	283.42	28	300203.55S	1192347.37E
WINDORAH	50.26	04	252452.03S	1423948.49E
WINDORAH	230.26	22	252423.48S	1424026.30E
WINTON	59.15	05	222154.62S	1430430.89E
WINTON	239.15	23	222139.77S	1430457.62E
WINTON	148.96	14	222125.47S	1430457.35E
WINTON	328.95	32	222204.52S	1430522.62E
WOODIE WOODIE	140.66	14	213818.82S	1211106.32E
WOODIE WOODIE	320.66	32	213909.10S	1211150.40E
WOOMERA	185.82	18	310806.44S	1364849.93E
WOOMERA	5.82	36	310923.08S	1364840.85E
WUDINNA	74.45	07	330239.85S	1352622.59E
WUDINNA	254.44	25	330231.67S	1352657.48E
WUDINNA	144.36	14	330204.01S	1352626.16E
WUDINNA	324.36	32	330243.83S	1352700.06E
WYCHEPROOF	90.25	08	360332.05S	1431402.31E
WYCHEPROOF	270.24	26	360332.15S	1431431.01E
WYCHEPROOF	180.26	17	360315.52S	1431433.55E
WYCHEPROOF	0.26	35	360348.92S	1431433.36E
WYNDHAM	124.24	12	153016.00S	1280855.59E
WYNDHAM	304.24	30	153045.39S	1280940.12E
WYNYARD	64.55	05	405952.23S	1454325.44E
WYNYARD	244.54	23	405942.24S	1454353.14E
WYNYARD	99.25	09	405948.39S	1454326.26E
WYNYARD	279.23	27	405956.99S	1454436.04E
YARRAM	62.34	05	383417.75S	1464453.71E
YARRAM	242.34	23	383401.34S	1464533.59E
YARRAM	99.20	09	383358.34S	1464457.07E
YARRAM	279.20	27	383402.26S	1464527.89E
YARRAWONGA	22.44	01	360211.69S	1460131.37E
YARRAWONGA	202.44	19	360137.94S	1460148.53E
YARRAWONGA	64.72	05	360154.72S	1460123.33E
YARRAWONGA	244.71	23	360148.55S	1460139.41E
YORKE ISLAND	121.73	12	094501.95S	1432407.14E
YORKE ISLAND	301.72	30	094517.03S	1432431.73E
YOUNG	14.80	01	341539.16S	1481443.54E
YOUNG	194.80	19	341500.88S	1481455.72E

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SECTION 19 – CONTROLLED AERODROMES

Aerodrome	State	Code	Latitude	Longitude
ADELAIDE	SA	YPAD	345642S	1383150E
ADELAIDE/PARAFIELD	SA	YPPF	344736S	1383759E
ALBURY	NSW	YMAY	360404S	1465729E
ALICE SPRINGS	NT	YBAS	234824S	1335408E
AMBERLEY	QLD	YAMB	273826S	1524243E
BALLINA/BYRON GATEWAY	NSW	YBNA	285002S	1533345E
BRISBANE	QLD	YBBN	272303S	1530703E
BRISBANE/ARCHERFIELD	QLD	YBAF	273413S	1530029E
BROOME/INTL	WA	YBRM	175658S	1221340E
CAIRNS/CAIRNS INTL	QLD	YBCS	165309S	1454519E
CAMDEN	NSW	YSCN	340225S	1504112E
CANBERRA	ACT	YSCB	351825S	1491142E
COFFS HARBOUR	NSW	YCFS	301914S	1530659E
DARWIN	NT	YPDN	122453S	1305236E
EAST SALE	VIC	YMES	380556S	1470858E
EDINBURGH	SA	YPED	344209S	1383715E
GOLD COAST	QLD	YBCG	280952S	1533017E
HAMILTON ISLAND	QLD	YBHM	202129S	1485706E
HOBART	TAS	YMHB	425010S	1473037E
KARRATHA	WA	YPKA	204244S	1164624E
LAUNCESTON	TAS	YMLT	413243S	1471251E
MACKAY	QLD	YBMK	211017S	1491047E
SUNSHINE COAST	QLD	YBSU	263612S	1530528E
MELBOURNE	VIC	YMML	374024S	1445036E
MELBOURNE/AVALON	VIC	YMAV	380222S	1442810E
MELBOURNE/ESSENDON	VIC	YMEN	374341S	1445407E
MELBOURNE/MOORABBIN	VIC	YMMB	375833S	1450608E
NOWRA	NSW	YSNW	345656S	1503213E
OAKEY	QLD	YBOK	272441S	1514407E
PEARCE	WA	YPEA	314004S	1160054E
PERTH	WA	YPPH	315625S	1155801E
PERTH/JANDAKOT	WA	YPJT	320551S	1155252E
RICHMOND (NSW)	NSW	YSRI	333602S	1504651E
ROCKHAMPTON	QLD	YBRK	232255S	1502831E
SYDNEY/BANKSTOWN	NSW	YSBK	335528S	1505918E
SYDNEY/KINGSFORD SMITH	NSW	YSSY	335646S	1511038E
SYDNEY/NANCY-BIRD WALTON	NSW	YSWS	335327S	1504306E
TAMWORTH	NSW	YSTW	310502S	1505048E
TINDAL	NT	YPTN	143116S	1322240E
TOWNSVILLE/TOWNSVILLE INTL	QLD	YBTL	191509S	1464555E
WILLIAMTOWN	NSW	YWLM	324742S	1515004E
WOOMERA	SA	YPWR	310839S	1364901E

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SECTION 20 – UNCERTIFIED AERODROMES LISTED IN ERSA

AIRCRAFT LANDING AREAS LISTED IN ERSA FAC

NAME	STATE	IDENT	LOCATION	
ADAMINABY	NSW	YADY	355954S	1484748E
ADELS GROVE	QLD	YALG	184133S	1383153E
ALDINGA	SA	YADG	351720S	1382936E
ALSTONVILLE SOUTH	NSW	YAVS	285257S	1532619E
AMATA	SA	YAMT	260550S	1311210E
ANNA CREEK	SA	YANK	285350S	1361014E
AQUILA	QLD	YAQA	253144S	1523412E
ARAMAC	QLD	YAMC	225734S	1451509E
ARKAROOLA	SA	YARK	302423S	1392048E
ARRABURY	QLD	YARY	264126S	1410250E
ATHERTON	QLD	YATN	171543S	1453052E
AUGUSTA	WA	YAUG	341948S	1150924E
AUGUSTUS DOWNS	QLD	YAGD	183056S	1395243E
AYR	QLD	YAYR	193547S	1471929E
BACCHUS MARSH	VIC	YBSS	374400S	1442520E
BADU ISLAND	QLD	YBAU	100900S	1421027E
BALCANOONA	SA	YBLC	303204S	1392016E
BALLIDU	WA	YBIU	303536S	1164648E
BAMYILI	NT	YBMY	143111S	1325300E
BARADINE	NSW	YBAD	305718S	1490530E
BARALABA	QLD	YBAB	241112S	1495042E
BARWON FIELD	VIC	YGBF	380849S	1441021E
BARWON HEADS/ GEELONG	VIC	YBRS	381529S	1442539E
BARYULGIL	NSW	YBYL	291259S	1523654E
BEAUFORT	VIC	YBFT	372940S	1432548E
BELLBURN	WA	YBEB	173241S	1281818E
BELYANDO/LABONA	QLD	YLBA	220016S	1462150E
BETOOTA	QLD	YBEO	254142S	1404412E
BEVERLEY (WA)	WA	YBEV	320729S	1165700E
BEVERLEY MINE	SA	YBEE	301112S	1393330E
BINDOON HILL	WA	YBHL	312025S	1161118E
BLACKWATER	QLD	YBTR	233611S	1484825E
BLUEWATER PARK	QLD	YBLP	191130S	1462936E
BOIGU ISLAND	QLD	YBOI	091400S	1421300E
BOLLON	QLD	YBLL	280313S	1472842E
BOMBALA	NSW	YBOM	365418S	1491100E
BOOLEROO CENTRE	SA	YBOC	325324S	1382200E
BOOMI	NSW	YBMI	284344S	1493544E
BOONAH	QLD	YBOA	280103S	1524036E
BOORT	VIC	YBBT	360814S	1434314E
BORDERTOWN	SA	YBOR	361618S	1404318E
BORROLOOLA	NT	YBRL	160431S	1361808E
BRIDGEWATER	VIC	YBGR	363700S	1435700E
BROOKLET/ BLUEBERRY FIELDS	NSW	YBBF	284423S	1532914E
BROWNS RANGE	WA	YBNR	185344S	1285631E
BRUNY ISLAND	TAS	YBYI	431406S	1472247E
CABOOLTURE	QLD	YCAB	270437S	1525913E
CADNEY HOMESTEAD	SA	YCDH	275424S	1340321E
CAIGUNA	WA	YCAG	321649S	1252840E
CALOUNDRA	QLD	YCDR	264807S	1530619E
CALVIN GROVE	SA	YCVG	344148S	1383442E
CAMDEN HAVEN	NSW	YCMH	313954S	1524430E
CAPE LEVEQUE	WA	YCLQ	162402S	1225553E
CAPELLA	QLD	YCEL	230543S	1480026E
CARDWELL/ DALLACHY	QLD	YCDW	181042S	1455700E
CASINO	NSW	YCAS	285258S	1530401E
CASTERTON	VIC	YCTN	373648S	1412142E
CLARE VALLEY	SA	YCVA	334230S	1383500E
CLIFTON	QLD	YCFN	275540S	1515051E
CLUNY	QLD	YUNY	243041S	1393702E
COBDEN	VIC	YCDE	381936S	1430324E
COCKATOO ISLAND	WA	YCTI	160545S	1233641E
COCONUT ISLAND	QLD	YCCT	100301S	1430416E
COFFIN BAY	SA	YCOF	343520S	1353018E
COHUNA	VIC	YCOH	354937S	1441250E
COLAC	VIC	YOLA	381711S	1434047E
COLDSTREAM	VIC	YCEM	374342S	1452432E
COLLARENEBRI	NSW	YCBR	293119S	1483456E
COLLINSVILLE	QLD	YCSV	203546S	1475136E
COOINDA	NT	YCOO	125410S	1323156E
COOLAH	NSW	YCAH	314624S	1493634E
COOLATAI	NSW	YCTA	290839S	1504329E
COOMA - POLO FLAT	NSW	YPFT	361345S	1490858E
COOMBING PARK	NSW	YCPK	333743S	1490729E
COOMINYA	QLD	YBCM	272330S	1522742E
COWELL	SA	YCWL	334002S	1365330E
CRANBOURN	TAS	YCRN	410941S	1470053E
CRESSY	VIC	YCRE	380224S	1433911E
CROOKWELL	NSW	YCRL	343000S	1492700E
CROYDON	QLD	YCRY	181303S	1421511E
CUMMINS TOWN	SA	YCMM	341510S	1354248E
DALBY	QLD	YDAY	270919S	1511602E
DARLOT	WA	YDLO	275225S	1211618E
DARNLEY ISLAND	QLD	YDNI	093444S	1434649E
DAVENPORT DOWNS	QLD	YDPD	240844S	1410644E
DELISSAVILLE	NT	YDLV	123304S	1304112E
DELTA DOWNS	QLD	YDLT	165930S	1411900E
DENMARK	WA	YDEK	345645S	1172350E
DOCHRA	NSW	YDOC	323902S	1511229E
DOCKER RIVER	NT	YDVR	245130S	1290724E
DONNINGTON AIRPARK	QLD	YDOP	193606S	1465030E
DORUNDA STATION	QLD	YDOR	163315S	1414927E
DROUIN	VIC	YDRN	381232S	1454946E
DRYSDALE RIVER	WA	YDRD	154247S	1262253E
DUMBLEYUNG	WA	YDUM	331921S	1174438E
DUNBAR	QLD	YDBR	160300S	1422400E
DUNK ISLAND	QLD	YDKI	175615S	1460826E
DUNWICH	QLD	YDUN	273100S	1532542E
DURHAM DOWNS	QLD	YDRH	270430S	1415400E
DURRIE	QLD	YDRI	254105S	1401324E
DYSART	QLD	YDYS	223720S	1482150E
ECO BEACH	WA	YECB	181924S	1220736E
EIDSVOLD	QLD	YESD	252154S	1510630E
ELIZABETH QUAY	WA	YEQY	315800S	1155142E
ELLISTON	SA	YELN	333818S	1345400E
ELROSE	QLD	YESE	205838S	1410026E
EMKAYTEE	NT	YMKT	123636S	1310310E
EMU PARK	QLD	YEMP	231524S	1504848E
ERNABELLA	SA	YERN	261545S	1321054E

NAME	STATE	IDENT	LOCATION	
EROMANGA	QLD	YEMG	264217S	1431543E
EULO	QLD	YEUO	281009S	1450230E
EUROA	VIC	YEUA	364441S	1453048E
EVANS HEAD	NSW	YEVD	290536S	1532513E
EXMOUTH	WA	YEXM	220229S	1140608E
FEDERATION	NSW	YFDN	350046S	1472225E
FREGON	SA	YFRG	264633S	1320103E
GATTON AIRPARK	QLD	YGAS	273524S	1521524E
GAWLER	SA	YGAW	343555S	1384317E
GEORGE TOWN (TAS)	TAS	YGTO	410448S	1465024E
GIBB RIVER	WA	YGIB	162507S	1262646E
GILES	WA	YGLS	250300S	1281800E
GILGANDRA	NSW	YGIL	314149S	1483810E
GLENORMISTON	QLD	YGLO	225320S	1384927E
GNARWARRE	VIC	YGNE	380954S	1440627E
GOOLGOWI	NSW	YGGI	335931S	1454309E
GOOLWA	SA	YGWA	352855S	1384505E
GREAT LAKES AIRFIELD	VIC	YGRL	375033S	1480001E
GREGORY DOWNS	QLD	YGDS	183732S	1391401E
GUNBOWER	VIC	YGBW	355759S	1442252E
GUNDAROO	NSW	YGDO	350242S	1491530E
GYMPIE	QLD	YGYM	261658S	1524207E
HAASTS BLUFF	NT	YHAA	232702S	1315105E
HARDEN	NSW	YHAE	343345S	1482330E
HAWKER	SA	YHAW	315117S	1382806E
HECK FIELD	QLD	YHEC	274603S	1532022E
HERBERTVALE CATTLEYARD	QLD	YHCS	185731S	1380344E
HERMANNSBURG	NT	YHMB	235540S	1324845E
HILLSTON	NSW	YHLS	332937S	1453125E
HOBART/ CAMBRIDGE	TAS	YCBG	424936S	1472829E
HOLBROOK	NSW	YHBK	354100S	1471900E
HOMESGLEN	VIC	YHGN	354142S	1421534E
HONEYMOON	SA	YHON	314512S	1403954E
HOOKER CREEK	NT	YHOO	181942S	1303848E
HUNGERFORD	QLD	YHRD	285946S	1442711E
IFFLEY	QLD	YIFY	185400S	1411300E
ILFRACOMBE	QLD	YILF	232818S	1443203E
INGHAM	QLD	YIGM	183938S	1460906E
INJUNE	QLD	YINJ	255100S	1483300E
INKERMAN STATION	QLD	YIKM	161345S	1412602E
INNAMINCKA	SA	YINN	274200S	1404400E
INNAMINCKA TOWNSHIP	SA	YIMT	274430S	1404442E
ISISFORD	QLD	YISF	241533S	1442527E
JAMESTOWN	SA	YJST	331132S	1383657E
JERILDERIE	NSW	YJER	352212S	1454330E
JINDABYNE	NSW	YJIN	362536S	1483606E
JUNDAH	QLD	YJDA	244953S	1430356E
JURIEN BAY	WA	YJUR	301812S	1150319E
KADINA	SA	YKDI	335812S	1373936E
KALUMBURU	WA	YKAL	141717S	1263752E
KAMILEROI	QLD	YKML	192229S	1400322E
KEITH	SA	YKTH	360651S	1401508E
KIDMAN SPRINGS	NT	YKDM	160657S	1305712E
KIDSTON	QLD	YKID	185215S	1441024E
KILCOY	QLD	YKCY	265816S	1523355E
KILLARNEY	NT	YKLE	161501S	1314449E
KIN KIN RETREAT	WA	YKKN	342245S	1161920E
KINDRA FALLS	NSW	YKFS	344327S	1470839E
KING ASH BAY	NT	YKAB	155552S	1362855E
KINGS CREEK STN	NT	YKCS	242513S	1314908E
KINGSTON	SA	YKIG	364912S	1395212E
KONDININ	WA	YKDN	322803S	1181611E
KUBIN	QLD	YKUB	101336S	1421325E
KYNETON (VIC)	VIC	YKTN	371332S	1442649E
LAKE KEEPIT	NSW	YKEP	305324S	1503136E
LAKE MACQUARIE AIRPORT	NSW	YLMQ	330358S	1513853E
LAKELAND DOWNS	QLD	YLND	155009S	1445051E
LAKES ENTRANCE	VIC	YLKE	375108S	1475655E
LAKESIDE AIRPARK	QLD	YLAK	204106S	1483730E
LAWLERS	WA	YLAW	280523S	1203224E
LAWN HILL	QLD	YLAH	183435S	1383505E
LEGUNE STN	NT	YLGU	151255S	1292642E
LEONGATHA	VIC	YLEG	382944S	1455135E
LETHBRIDGE AIRPORT	VIC	YLED	375508S	1440604E
LILYDALE	VIC	YLIL	374131S	1452159E
LIZARD ISLAND	QLD	YLZI	144022S	1452715E
LOCKHART	NSW	YLKT	351218S	1464344E
LOCKSLEY FIELD	VIC	YLCS	364854S	1452054E
LONGDOWN	TAS	YLGD	414128S	1470836E
LORRAINE	QLD	YLOR	190023S	1395358E
LOTUS VALE STN	QLD	YLOV	170254S	1412235E
LOUTH	NSW	YLOH	303153S	1450743E
LOWER LIGHT	SA	YLLT	343100S	1382525E
LOXTON	SA	YLOX	342833S	1403950E
LYNDOCH	SA	YLYK	343718S	1385451E
MABUIAG ISLAND	QLD	YMAA	095706S	1421147E
MAITLAND (SA)	SA	YMLD	342334S	1374226E
MANGROVE MOUNTAIN GLIDING	NSW	YMVM	331706S	1511246E
MANSFIELD	VIC	YMFD	370400S	1460700E
MARGARET RIVER	WA	YMGT	335550S	1150600E
MARLA	SA	YALA	272003S	1333735E
MARREE	SA	YMRE	293946S	1380357E
MARYBOROUGH (VIC)	VIC	YMBU	370159S	1434232E
MELTON	VIC	YMEL	373718S	1443356E
MELVILLE WATER AERODROME	WA	YMET	315839S	1155029E
MEREENIE	NT	YMEI	235836S	1313342E
MERREDIN	WA	YMDN	313124S	1181912E
MIDDLEMOUNT	QLD	YMMU	224809S	1484217E
MILL IRON	QLD	YMIO	231926S	1504145E
MILLICENT	SA	YMCT	373501S	1402158E
MILLMERRAN	QLD	YMMN	275148S	1511630E
MINDEROO	WA	YMDR	215936S	1150242E
MINNIPA	SA	YMPA	325035S	1350840E
MITCHELL	QLD	YMIT	262900S	1475612E
MITTA MITTA	VIC	YITT	363044S	1472122E
MITTAGONG	NSW	YMIG	342654S	1503012E
MOAMA	NSW	YMMO	360428S	1444552E
MODEWARRE	VIC	YMOD	381538S	1440531E
MONKIRA	QLD	YMNK	244907S	1403312E
MONTO	QLD	YMTO	245332S	1510607E
MORNEY	QLD	YMNY	252130S	1412600E
MOUNT BEAUTY	VIC	YMBT	364343S	1471001E
MOUNT BUNDEY	NT	YMDY	125324S	1315426E
MOUNT COOLON	QLD	YMCL	212313S	1471956E
MOUNT HOUSE	WA	YMHO	170304S	1254248E
MOUNT HOWITT	QLD	YMHW	263040S	1421700E
MOUNT SANFORD STATION	NT	YMSF	165842S	1303318E
MOURA	QLD	YMOU	243642S	1495947E
MULLEWA	WA	YMWA	282831S	1153103E
MUNDUBBERA	QLD	YMDA	253556S	1511908E
MUNGERANNIE	SA	YMUG	280033S	1383925E

NAME	STATE	IDENT	LOCATION	
MUNGINDI	NSW	YMGI	285802S	1490313E
MUNGO LODGE	NSW	YLMU	334442S	1430006E
MURGON	QLD	YMRG	261510S	1515548E
MURRAY BRIDGE	SA	YMBD	350352S	1391336E
MURRAY FIELD	WA	YMUL	323037S	1155000E
MURRAY/MER ISLAND	QLD	YMAE	095456S	1440319E
MURWILLUMBAH	NSW	YMUR	281952S	1532449E
MUTTABURRA	QLD	YMTB	223500S	1443200E
MYRUP	WA	YMYU	334722S	1215725E
NACKEROO	NT	YNKR	153436S	1302830E
NAGAMBIE-WIRRATE	VIC	YNGW	364702S	1450213E
NANANGO	QLD	YNAN	264130S	1515912E
NAPPA MERRIE	QLD	YNAP	273330S	1410800E
NAREMBEEN	WA	YNRB	320700S	1182500E
NARROGIN	WA	YNRG	325548S	1170448E
NOOSA	QLD	YNSH	262524S	1530348E
NORSEMAN	WA	YNSM	321234S	1214516E
NORTHAM	WA	YNTM	313733S	1164104E
NULLAGINE	WA	YNUL	215446S	1201155E
NULLARBOR MOTEL	SA	YNUB	312628S	1305408E
OAKY CREEK	QLD	YOAY	230335S	1482941E
OCHRE ARCH	NSW	YOCA	334521S	1480046E
OODNADATTA	SA	YOOD	273336S	1352642E
ORROROO	SA	YORR	324730S	1384000E
PACIFIC HAVEN	QLD	YPAC	251412S	1523236E
PAPUNYA	NT	YPAY	231428S	1315425E
PENFIELD	VIC	YPEF	373048S	1444154E
PENNY	WA	YPEN	284942S	1184948E
PETERBOROUGH	SA	YPTB	330018S	1385054E
PETRO STATION	NSW	YPET	335000S	1423906E
PINNARENDI	QLD	YPNA	180218S	1445300E
PINNAROO	SA	YPNN	351530S	1405641E
PITTSWORTH	QLD	YPWH	274400S	1513800E
POREPUNKAH	VIC	YPOK	364304S	1465324E
PUCKAPUNYAL	VIC	YPKL	365958S	1450346E
PUNGALINA	NT	YPUG	164319S	1372524E
QUEENSTOWN	TAS	YQNS	420432S	1453151E
QUORN	SA	YQRN	321912S	1380606E
RAYWOOD	VIC	YRYW	363230S	1441428E
REDCLIFFE	QLD	YRED	271224S	1530404E
RIDDELL	VIC	YRID	372848S	1444306E
ROBE	SA	YRBE	371035S	1394816E
ROBINHOOD	QLD	YROB	185055S	1434240E
ROLLESTON	QLD	YRLL	242742S	1483738E
ROMSEY	VIC	YRSY	372330S	1444418E
ROSE BAY	NSW	YRAY	335212S	1511547E
ROSE VALE	NSW	YRVL	345058S	1474649E
ROSEBERTH	QLD	YRSB	255000S	1393900E
ROSTELLA	TAS	YRST	411953S	1470301E
RUTLAND PLAINS	QLD	YRTP	153836S	1415036E
RYLSTONE AIRPARK	NSW	YRYL	324615S	1495936E
SAMARAI	QLD	YSAM	271422S	1514104E
SCENIC RIM	QLD	YSRA	280509S	1525030E
SCOTIA SANCTUARY	NSW	YSCA	331218S	1411001E
SEA LAKE	VIC	YSLK	353154S	1425326E
SERPENTINE	WA	YSEN	322342S	1155224E
SHUTE HARBOUR/ WHITSUNDAY	QLD	YSHR	201642S	1484520E
SINGLETON	NSW	YSGT	323700S	1511200E
SMITHTON	TAS	YSMI	405006S	1450501E
SOMERSBY	NSW	YSMB	332204S	1511759E
SOUTH GALWAY	QLD	YSGW	254029S	1420524E
SOUTH GRAFTON	NSW	YSGR	294232S	1525542E
SOUTHPORT	QLD	YSPT	275518S	1532217E
SPRING CREEK	QLD	YSPK	183718S	1443406E
SPRINGSURE	QLD	YSPI	240749S	1480512E
STIRLING NORTH/ FLINDERS FIELD	SA	YFFD	323203S	1375129E
STIRLING STATION	QLD	YSTL	171111S	1414242E
STONEFIELD GLIDING	SA	YSFG	342030S	1391830E
STONEHENGE	QLD	YSTO	242123S	1431729E
SUNNYSIDE	NSW	YSNY	354547S	1465433E
SUNRAYSIA GLIDING	VIC	YSRG	341535S	1420330E
SURAT	QLD	YSRT	270934S	1490434E
SWAN BAY	NSW	YSWB	290257S	1531804E
TAMBO	QLD	YTMB	245020S	1461735E
TANAMI	NT	YTMN	195800S	1294332E
TARA	QLD	YTAA	270924S	1502836E
TENTERFIELD	NSW	YTFD	285928S	1515547E
THE LAKES	NSW	YLKS	314253S	1524329E
THE OAKS	NSW	YOAS	340502S	1503337E
THE VALE	TAS	YVAL	412548S	1461548E
THYLUNGRA	QLD	YTHY	260536S	1432709E
TILPA	NSW	YTLP	305532S	1442512E
TIMBER CREEK	NT	YTBR	153714S	1302644E
TOORADIN	VIC	YTDN	381256S	1452525E
TOORAWEENAH	NSW	YTWN	312630S	1485400E
TORQUAY	VIC	YTQY	381800S	1442154E
TOTTENHAM	NSW	YTOT	321522S	1472208E
TOWRANG GLIDING	NSW	YTWG	344127S	1495317E
TRURO FLAT AIRPARK	SA	YTFA	342343S	1392300E
TULLY	QLD	YTUY	175610S	1455616E
TURTLE PARK	QLD	YTPK	211230S	1485842E
TYABB	VIC	YTYA	381600S	1451030E
TYAGARAH	NSW	YTYH	283541S	1533304E
UNDARA	QLD	YUDA	181130S	1443648E
URANDANGI	QLD	YUDG	213540S	1382156E
VAN ROOK STATION	QLD	YVRS	165744S	1415709E
VICTORIA RIVER DOWNS	NT	YVRD	162413S	1310009E
WAGIN	WA	YWGN	331859S	1172137E
WAHRING FIELD	VIC	YWHG	364048S	1451436E
WAIKERIE	SA	YWKI	341103S	1400150E
WALCHA	NSW	YWCH	310026S	1513319E
WANAARING	NSW	YWAG	294242S	1441016E
WANDU	NSW	YWDU	342351S	1472549E
WARIALDA	NSW	YWRL	293200S	1503200E
WARKWORTH	NSW	YWKW	323254S	1510127E
WARNERVALE	NSW	YWVA	331425S	1512549E
WARRABER ISLAND	QLD	YWBS	101224S	1424924E
WARRABRI	NT	YWBI	205957S	1342347E
WATERLOO (NT)	NT	YWTL	163748S	1291916E
WATTS BRIDGE	QLD	YWSG	270544S	1522735E
WAVE HILL	NT	YWAV	172337S	1310709E
WEDDERBURN	NSW	YWBN	341048S	1504832E
WELLINGTON	NSW	YWEL	322745S	1485926E
WESTBURY/ CROFTON FARM	TAS	YCRF	412804S	1465018E
WHITE GUM	WA	YWGM	315202S	1165621E
WILLIAM CREEK	SA	YWMC	285425S	1362028E
WILLIAMSON	QLD	YWIS	222824S	1501042E
WONDAI	QLD	YWND	261703S	1515141E
WONDOOLA	QLD	YWDL	183430S	1405330E
WROTHAM PARK	QLD	YWMP	163929S	1440003E
WYANDRA	QLD	YWYA	271600S	1455924E

NAME	STATE	IDENT	LOCATION	
WYREEMA	QLD	YWYR	274003S	1515116E
YAM ISLAND	QLD	YYMI	095354S	1424618E
YAMARNA	WA	YYRN	280918S	1234030E
YUENDUMU	NT	YYND	221515S	1314656E

HELICOPTER LANDING SITES LISTED IN ERSA FAC

NAME	STATE	IDENT	LOCATION	
AUST AGE OF DINOSAURS MUSEUM	QLD	YAOD	222848S	1431057E
BARRACOUTA PLATFORM	VIC	YUTA	381748S	1474034E
BATMAN PARK HELIPORT	VIC	YBPK	374920S	1445724E
BLOSSOM BANKS	QLD	YBSM	194329S	1502529E
BROWSE BASIN	WA	YBRB	135709S	1231823E
CARAVONICA	QLD	YCAV	165100S	1454139E
CHARLIE ONE	WA	YCLN	202512S	1172442E
DOLPHIN PLATFORM	VIC	YUPA	382914S	1472239E
ENOGGERA HELIPORT	QLD	YENO	272536S	1525812E
ERINA HELIPORT	NSW	YEHP	332627S	1512207E
FACING ISLAND	QLD	YFLD	235324S	1513400E
GARDEN ISLAND HELIPORT	WA	YGAD	321430S	1154102E
GLENAMPLE HELIPORT	VIC	YGHP	383937S	1430622E
GLENBROOK HLS	NSW	YGBK	334542S	1503810E
GOSFORD HOSPITAL	NSW	YXGS	332511S	1512021E
KHOLO HELIPAD	QLD	YKHO	272952S	1524628E
LONGFORD HELIPORT	VIC	YUOF	381311S	1471008E
MACLEAN HOSPITAL	NSW	YXMA	292713S	1531205E
MERRIWA HOSPITAL	NSW	YXMW	320836S	1502139E
MONARTO SAFARI PARK	SA	YOAR	350512S	1390934E
NELLY BAY	QLD	YNEY	190943S	1465113E
NEPEAN AEROSPACE PARK	NSW	YNEP	334340S	1504057E
NEWCASTLE REGIONAL HELIPORT	NSW	YNRH	325246S	1514343E
NEWCASTLE WESTPAC BASE	NSW	YXFV	325513S	1514347E
NORMANTON HELIPAD	QLD	YNTH	174039S	1410406E
ORANGE EAST HELIPORT	NSW	YOEH	331902S	1490853E
PERCH PLATFORM	VIC	YUPE	383409S	1471921E
PHILLIP ISLAND HELIPORT	VIC	YPID	383112S	1451936E
PINKENBA	QLD	YAAP	272608S	1530644E
PORT CAMPBELL HELIPORT	VIC	YPHP	383744S	1430226E
RAYNER PLACE HELIPORT	NSW	YRYP	345146S	1485602E
ROBERTSON BARRACKS	NT	YRBK	122530S	1305824E
ROCHEDALE	QLD	YRCD	273444S	1530751E
ROYAL NORTH SHORE HOSPITAL	NSW	YXNS	334916S	1511131E
ROYAL PRINCE ALFRED HOSPITAL	NSW	YRPA	335322S	1511102E
SCAWFELL ISLAND	QLD	YSCF	204601S	1495713E
SEABUOY	WA	YSBY	202548S	1164251E
TESSA SHOALS	WA	YTES	203323S	1171437E
TULLY HOSPITAL	QLD	YXTU	175537S	1455524E
VICTOR ISLAND EAST	QLD	YVIE	211517S	1492512E
VICTOR ISLAND WEST	QLD	YVIW	211746S	1492134E
WESTMEAD CASB	NSW	YXWS	334809S	1505924E
WOLGAN VALLEY HELIPORT	NSW	YWVR	331513S	1501116E
WOLLONGONG HELIPORT	NSW	YWHP	342622S	1505346E
WUJAL WUJAL	QLD	YWJL	155654S	1451907E

AIRCRAFT LANDING AREAS WITHOUT ERSA FAC - VERIFIED

Verified Aircraft Landing Areas are those that Airservices have a responsible person registered for the location and the associated information confirmed.

NAME	STATE	IDENT	LOCATION	
ABBIEGLASSIE	QLD	YABG	271500S	1473500E
ABERDEEN	QLD	YABD	280406S	1503827E
ABINGDON DOWNS	QLD	YABI	173632S	1431100E
ADAVALE	QLD	YADA	255338S	1443407E
AGNES WATER	QLD	YAWT	241206S	1515330E
AILERON	NT	YALR	223911S	1332050E
ALAMEIN	SA	YAMN	323206S	1374130E
ALCOOTA STN	NT	YALC	224807S	1342413E
ALDERLEY	QLD	YALY	222939S	1393944E
ALLANDY	NSW	YALN	302317S	1423730E
ALTON DOWNS	SA	YADS	263200S	1391600E
AMBALINDUM	NT	YABL	232122S	1344407E
AMMAROO	NT	YAMM	214420S	1351450E
AMPHITHEATRE	VIC	YATR	370951S	1432736E
ANGATJA	SA	YANJ	260600S	1302400E
ANMATJERE/ GEMTREE CARAVAN PARK	NT	YGTC	225812S	1341451E
ANMATJERE/PINE HILL STATION	NT	YPHS	222313S	1330337E
ANNANDALE	QLD	YADE	215636S	1481702E

NAME	STATE	IDENT	LOCATION	
ANTHONY LAGOON	NT	YANL	175832S	1353217E
APOLLO BAY	VIC	YAPO	384622S	1433925E
ARCADIA	QLD	YACI	251242S	1484006E
ARCHER RIVER	QLD	YARC	132626S	1425538E
ARCTURUS DOWNS HS	QLD	YATU	240214S	1482432E
ARDLETHAN	NSW	YARL	342445S	1465113E
ARDMORE	QLD	YAOR	213855S	1391137E
AREYONGA	NT	YARN	240523S	1321605E
ARMRAYNALD	QLD	YAML	175715S	1394547E
ASHFORD	NSW	YASF	291900S	1510322E
ASHGROVE	QLD	YASH	272953S	1515454E
AUBURNVALE	QLD	YMFA	275447S	1515712E
AUGATHELLA	QLD	YAUA	254518S	1463512E
AVALON EAST	VIC	YAVE	380142S	1442931E
AVON DOWNS	NT	YAVD	200221S	1373118E
AVYMORE	NSW	YAVY	284115S	1495559E
BALAKLAVA	SA	YBVA	340524S	1382024E
BALD HILLS	NSW	YBLI	301950S	1522732E
BALMA	NT	YLMA	131457S	1355053E
BAMBOO CREEK GOLD MINE	WA	YBBC	205648S	1200948E
BAN BAN SPRINGS	NT	YBBS	132237S	1312943E
BANIYALA	NT	YBNI	131201S	1361336E
BARKLY DOWNS	QLD	YBAW	202945S	1382829E
BARKLY HOMESTEAD	NT	YBKS	194226S	1354913E
BARRABA	NSW	YBBA	302337S	1503552E
BARRARATJPI	NT	YBJP	131306S	1362330E
BARRKIRA	NT	YRIA	120031S	1362752E
BARTON SIDING	SA	YBTN	303128S	1324029E
BATCHELOR	NT	YBCR	130313S	1310135E
BATHURST HARBOUR	TAS	YBHB	432517S	1460944E
BEACON	WA	YBEC	302830S	1175248E
BEECHWORTH	VIC	YBCH	362340S	1464148E
BEEF MACHINE	WA	YBFM	334512S	1222144E
BELYANDO/MORAY DOWNS	QLD	YAMO	215637S	1463800E
BENAMBRA	VIC	YBRA	365815S	1474204E
BENCUBBIN	WA	YBCB	304918S	1175202E
BENDICK MURRELL	NSW	YBND	341027S	1482819E
BENING FIELD	QLD	YBEG	193919S	1461738E
BEULAH	VIC	YBEU	355908S	1422414E
BIGGENDEN	QLD	YBIN	253117S	1520246E
BILLA KALINA	SA	YBIK	295500S	1361112E
BILLABONG STN	NSW	YBST	334333S	1473026E
BINDOON	WA	YBOO	311632S	1161545E
BINGIL BAY AIRFIELD	QLD	YBBY	174807S	1460345E
BLENHEIM	QLD	YBHN	273913S	1521830E
BLOOMFIELD	QLD	YBMD	155224S	1451944E
BLUE LAGOON	QLD	YBWH	134539S	1415102E
BOATMAN	QLD	YBOT	271611S	1465359E
BOLLARDS LAGOON	SA	YBLG	285855S	1405129E
BOLWARRA	QLD	YBWR	172312S	1441018E
BON BON	SA	YBBO	302424S	1352848E
BOND SPRINGS	NT	YBSP	233059S	1335057E
BOOMEY	NSW	YMEY	325957S	1485942E
BOORABIN	WA	YBOB	311225S	1201908E
BOOTU CREEK	NT	YBTU	184241S	1340444E
BORDER VILLAGE	SA	YBOV	313811S	1290039E
BOYUP BROOK	WA	YBOP	335348S	1162700E
BRACADALE STATION	SA	YBDL	362052S	1400500E
BRAIDWOOD/ PERCHERON	NSW	YPER	352037S	1495459E
BRAMPTON ISLAND	QLD	YBPI	204812S	1491612E
BRAMWELL STATION	QLD	YBWL	120822S	1423652E
BREMER BAY	WA	YBER	342252S	1192024E
BREMER ISLAND	NT	YBRE	120511S	1364825E
BRENDLE DOWNS STATION	QLD	YTBH	283041S	1495634E
BREWON	NSW	YEWO	301431S	1473150E
BRIDPORT	TAS	YBDP	410126S	1472500E
BRONZEWING	WA	YBWG	272154S	1210212E
BROOKLANDS	WA	YBLD	314924S	1164754E
BROOKLANDS AIR PARK	SA	YBAK	351944S	1392606E
BROWN BROTHERS	VIC	YILA	362722S	1462559E
BRUCE ROCK	WA	YBRO	315315S	1180654E
BRUKUNGA/ CLAREMONT	SA	YCLB	345934S	1385538E
BRUNCHILLY STN	NT	YBNY	185209S	1342740E
BRUNETTE DOWNS	NT	YBRU	183815S	1355637E
BUKADAL	NT	YBKL	125738S	1363602E
BULGA DOWNS STATION	WA	YBUG	282923S	1194449E
BULIMBA	QLD	YBWM	165251S	1432847E
BULLAMON PLAINS	QLD	YBPL	283443S	1484802E
BULLIO	NSW	YBLO	342128S	1500958E
BULLO RIVER VALLEY	NT	YBVY	152800S	1294600E
BULMAN/DELARA	NT	YDEA	134007S	1341728E
BUNYAN	NSW	YBUY	360803S	1490755E
BURREN JUNCTION	NSW	YBRJ	300931S	1485827E
BUTHEROO STN	NSW	YBUT	314559S	1492545E
BUYMARR	NT	YBYM	124136S	1363803E
CALDERVALE STN	QLD	YCDV	250641S	1464953E
CALLINGTON	SA	YCTO	350621S	1390317E
CALTON HILLS	QLD	YCTS	200906S	1392429E
CAMBALLIN	WA	YCBL	175910S	1240952E
CAMBOOYA	QLD	YCMB	274313S	1515229E
CANOBIE	QLD	YCBE	192836S	1405536E
CAPE FLATTERY	QLD	YCFL	145813S	1451839E
CAPEL	WA	YCAP	333543S	1153418E
CARANDOTTA	QLD	YCDT	215819S	1383642E
CARCUMA/ CARCORY STATION	SA	YCST	353746S	1401232E
CARINDA	NSW	YCRA	302730S	1474234E
CARLTON HILL	WA	YCIL	153009S	1283206E
CARNAMAH	WA	YCNH	294102S	1155338E
CARPENTARIA DOWNS	QLD	YCPN	184302S	1441844E
CARRIETON	SA	YCRT	322400S	1383100E
CASEY SKIWAY	OTH	YCSK	661720S	1104551E
CASTLEMAINE	VIC	YCAL	370803S	1440930E
CERES	VIC	YCES	380846S	1441542E
CERVANTES	WA	YCVS	302908S	1150509E
CHADWICK	SA	YCHD	313423S	1301008E
CHARLTON	VIC	YCHL	361726S	1431952E
CHARNLEY RIVER	WA	YCYR	164400S	1252621E
CHATSWORTH STATION	QLD	YCTH	215720S	1401725E
CHEEPIE	QLD	YCPI	263727S	1450049E
CHERRY GARDENS	SA	YSCC	350531S	1383941E
CHILDERS	QLD	YCDS	251511S	1522013E
CLARA CREEK/ DUNGOWAN	QLD	YDUG	255950S	1465559E
CLIFTON HILLS	SA	YCFH	270106S	1385330E

NAME	STATE	IDENT	LOCATION	
COALLING EAST	WA	YCOA	325545S	1165420E
COLEAMBALLY	NSW	YCLY	344810S	1455048E
COLLIE	WA	YCOI	332136S	1161204E
COLLYMONGLE	NSW	YCLM	292823S	1484708E
CONJUBOY	QLD	YCJU	184108S	1444452E
COONANA	WA	YCNN	310200S	1230930E
COONAWARRA	SA	YCNQ	371638S	1404842E
COONDAMBO	SA	YCDB	310325S	1355155E
COORABIE	SA	YCRB	315317S	1321705E
COORANGA	SA	YCNG	364912S	1401622E
CORAL BAY	WA	YCOY	230744S	1134651E
CORDILLO DOWNS	SA	YCOD	264433S	1403810E
CORELLA PARK	QLD	YCRP	203550S	1401439E
CORMORANT	QLD	YCOT	193130S	1462025E
CORRIGIN	WA	YCIG	322018S	1174940E
COTTAGE POINT	NSW	YCGP	333650S	1511215E
COWL COWL	NSW	YCLO	333621S	1451848E
COYOTE MINE	WA	YCYE	195335S	1285221E
CRAVENS PEAK	QLD	YCVK	231833S	1383438E
CURTIN SPRINGS	NT	YCSP	251959S	1314531E
DALGONALLY	QLD	YDAL	200726S	1411851E
DALHOUSIE	SA	YDLH	262542S	1353024E
DALKEITH	QLD	YDKH	233051S	1431125E
DALWALLINU	WA	YDWU	301157S	1163917E
DALY RIVER MISSION	NT	YDMN	134500S	1304138E
DALY WATERS	NT	YDLW	161542S	1332250E
DAMPIER PENINSULA/ CYGNET BAY	WA	YCYG	162622S	1230059E
DARLINGTON	TAS	YDAR	423419S	1480417E
DAVIS PLATEAU SKIWAY	OTH	YDAV	682806S	0785114E
DAVIS SEA ICE SKIWAY	OTH	YDSI	683413S	0775722E
DEEP WATER POINT	WA	YDWP	164100S	1230500E
DEER PARK	NSW	YDPA	293919S	1493340E
DELAMERE STN	NT	YDMR	153728S	1313858E
DELEGATE	NSW	YDEG	370347S	1485626E
DENABLING	WA	YDBL	325633S	1165900E
DENMAN	NSW	YDEN	322256S	1503719E
DEPOT OUTCAMP	WA	YDPT	313419S	1251113E
DERRINALLUM	VIC	YDER	375603S	1431341E
DEVONCOURT	QLD	YDEV	211300S	1401400E
DEXFIELD PARK	NSW	YDFD	312522S	1524528E
DHALINYBUY	NT	YDHL	122448S	1362314E
DHURUPUTJPI	NT	YDHP	130312S	1361018E
DIG TREE	QLD	YDIG	273709S	1410424E
DIMBULAH	QLD	YDIM	170742S	1450545E
DINGADEE	QLD	YDNG	285155S	1484644E
DIXALEA/ MCMASTER FIELD	QLD	YMMD	235713S	1501619E
DONORS HILL	QLD	YDOO	184244S	1403303E
DONYDJI	NT	YDHJ	125323S	1352815E
DOOLOOGARAH	QLD	YDLG	245311S	1474731E
DOONGAN	WA	YDGN	152310S	1261818E
DOTSWOOD	QLD	YDOT	193730S	1461730E
DRUMDUFF STATION	QLD	YDDF	160307S	1430048E
DUBBO/WINGS OUT WEST	NSW	YWOW	322017S	1483142E
DUNMORE/OPAL CREEK	QLD	YAOC	274002S	1505556E
DYNEVOR DOWNS	QLD	YDNV	280600S	1442100E
EAST VIEW	TAS	YEVW	414040S	1465816E
EAST WALLABI ISLAND	WA	YEWI	282612S	1134408E
EDENHOPE	VIC	YEDE	370100S	1411600E
EDITHBURGH	SA	YEDB	350548S	1374406E
EL QUESTRO	WA	YEQO	160018S	1275818E
ELEANOR DOWNS	SA	YEDW	355354S	1371542E
ELIZABETH DOWNS STATION	NT	YELZ	134438S	1303018E
ELKEDRA	NT	YELK	211018S	1352636E
ELMORE	VIC	YELM	362935S	1443842E
ENEABBA	WA	YEEB	294959S	1151447E
EPIC ENERGY FIVE	SA	YEPE	315815S	1391232E
EPIC ENERGY FOUR	SA	YEPD	311051S	1392252E
EPIC ENERGY ONE	SA	YEPA	284409S	1400224E
EPIC ENERGY THREE	SA	YEPC	302106S	1393943E
EPIC ENERGY TWO	SA	YEPB	293355S	1395628E
EPSILON	QLD	YEPL	281800S	1411400E
ERUDINA	SA	YERU	312559S	1392254E
EUABALONG	NSW	YEAB	330814S	1462529E
EUCHAREENA	NSW	YEUC	325545S	1490619E
EURELLA STATION	QLD	YEUL	263708S	1481409E
EVA VALLEY	NT	YEVV	141558S	1324951E
EVELYN DOWNS	SA	YEYD	281215S	1342923E
EVERARD PARK/ MIMILI	SA	YEVP	270212S	1324054E
FAIRY BOWER	NSW	YFBR	305258S	1481447E
FARNSFIELD	QLD	YFAR	250700S	1521739E
FINCH HATTON	QLD	YFHA	210827S	1483855E
FINKE	NT	YFNE	253535S	1343458E
FLINDERS ISLAND	SA	YFLS	334346S	1343005E
FORT CONSTANTINE	QLD	YFCN	202855S	1403446E
FORTNUM	WA	YFOR	252011S	1182258E
FOSSIL DOWNS STATION	WA	YFOS	180753S	1254723E
FRANKLAND VALLEY	WA	YFRK	342051S	1165650E
FRIENDLY BEACHES	TAS	YFRI	415958S	1481528E
FROGS HOLLOW	NSW	YFGS	364535S	1494816E
FROME DOWNS	SA	YFRD	311313S	1394936E
GABO ISLAND	VIC	YGBO	373358S	1495441E
GALWAY DOWNS	QLD	YGWD	251104S	1424120E
GAMBOOLA	QLD	YGAM	163236S	1434012E
GAN GAN	NT	YGAN	130247S	1355700E
GILBERTON STATION	QLD	YGBS	191234S	1433948E
GLADSTONE/ PLAYSTATION	NSW	YPLS	310238S	1525610E
GLEN GARLAND STATION	QLD	YGGL	145105S	1431625E
GLEN RUTH	QLD	YGRU	180442S	1452423E
GLENDEVIE	TAS	YGVE	431354S	1470001E
GLENGYLE	QLD	YGLE	244756S	1393548E
GLENORE	QLD	YGNR	182837S	1410717E
GLENROY ESTATE	SA	YGLN	321540S	1383839E
GLOUCESTER	NSW	YGCR	320306S	1515836E
GOOMALLING	WA	YGOM	312200S	1165300E
GOONOO GOONOO HS	NSW	YGGO	311757S	1505513E
GORE/ROOAROO	QLD	YGRO	281848S	1512654E
GRANADA STATION	QLD	YGNA	200552S	1402208E
GREENMOUNT	QLD	YGMT	274549S	1515530E
GREENVALE	QLD	YGNV	190000S	1450100E
GREYMARE/ MOUNTAIN STATION	QLD	YGMS	281212S	1514618E

NAME	STATE	IDENT	LOCATION	
GULGONG	NSW	YGGG	321754S	1493342E
GURRUMURRU	NT	YGUM	123540S	1361349E
HADDON RIG	NSW	YHRG	312808S	1475341E
HAIG	WA	YHAG	310000S	1260500E
HALL	NSW	YHAL	350840S	1490234E
HARRISMITH	WA	YHAR	325629S	1175153E
HEADINGLY	QLD	YHDY	211916S	1381742E
HEDLOW	QLD	YHEW	231331S	1503612E
HELEN SPRINGS	NT	YHLN	182500S	1335300E
HERBERTON	QLD	YHTN	172600S	1452348E
HIDDEN VALLEY	NT	YHIV	163300S	1325400E
HIGHBURY STATION	QLD	YHHY	162528S	1430844E
HIGHLAND FARM	NSW	YHLF	343637S	1500547E
HILTABA	SA	YHTA	320833S	1350558E
HODGSON RIVER	NT	YHOV	153429S	1340544E
HOLLYWELL	QLD	YHLW	275400S	1532500E
HOLMWOOD	SA	YMWD	365933S	1401504E
HOYLETON	SA	YHYL	340145S	1383127E
HUGHES SIDING	SA	YHGS	304300S	1293054E
HUNT FIELD	SA	YHTF	351018S	1382930E
HUTTON VALE FARM	SA	YHVF	343100S	1390618E
IFFLEY HS	QLD	YIFF	221412S	1482559E
ILKURLKA	WA	YILK	282204S	1273124E
INGOMAR	SA	YIGR	293741S	1344718E
INVERELL NORTH	NSW	YINO	294625S	1510956E
INVERLEIGH	QLD	YINV	180019S	1403207E
INVERLOCH	VIC	YIVE	383645S	1454400E
IRONGATE/FIG TREE	QLD	YFIG	273809S	1513046E
ISIS DOWNS	QLD	YISD	241312S	1443743E
IVERAGH	QLD	YIVG	240356S	1512341E
JARRA CREEK	QLD	YJRK	175322S	1454933E
JDANDBOO FIELD	VIC	YJBO	375130S	1465500E
JERICHO (TAS)	TAS	YJCO	422205S	1472011E
JERRAMUNGUP	WA	YJGP	335519S	1185440E
JINDALEE	NSW	YJDL	344937S	1484729E
JINGALUP	WA	YJIP	335927S	1165924E
JOHNSON AIRSTRIP	SA	YJOH	354836S	1374400E
KAILIS	WA	YKLS	334548S	1150236E
KALABITY STATION	SA	YKBT	315331S	1401938E
KALAMURINA	SA	YKLR	274507S	1381611E
KALINGA	QLD	YKLG	151200S	1435100E
KANGAROO WELL	SA	YKWG	314706S	1353818E
KARONIE	WA	YKRE	305800S	1223200E
KEEROONGOOLOO	QLD	YKRL	255422S	1424818E
KENMORE PARK/ YUNYARINYI	SA	YKEN	262000S	1322800E
KHANCOBAN	NSW	YKHA	361249S	1480635E
KILLIECRANKIE	TAS	YKCK	395058S	1475137E
KINDAMINDI	NSW	YKND	293732S	1490649E
KINGOONYA	SA	YKGA	305452S	1351826E
KINGVALE STATION	QLD	YKVA	154241S	1434451E
KIRKALOCKA	WA	YKRK	284132S	1174552E
KIRKIMBIE STN	NT	YKIR	174642S	1291234E
KITCHENER	WA	YKCH	310136S	1241100E
KNOCKER BAY	NT	YNBY	111909S	1320715E
KOARLO	QLD	YKOA	283758S	1503202E
KOJONUP	WA	YKOJ	334501S	1170809E
KOOLAMA BAY	WA	YKOO	135615S	1271930E
KOORINGAL/ BAROCO	QLD	YBCX	272045S	1532533E
KUKERIN AIRSTRIP	WA	YKUK	331030S	1180454E
KULALI	QLD	YKUA	284021S	1491135E
KULGERA	NT	YKUL	255033S	1331736E
KUNUNOPPIN	WA	YKNP	310736S	1175441E
KURI BAY	WA	YKRI	152828S	1243129E
KYNETON (QLD)	QLD	YKYE	234908S	1452411E
KYNUNA	QLD	YKYN	213600S	1415500E
LADY ELLIOT ISLAND	QLD	YLTT	240648S	1524256E
LAGOON BAY	TAS	YLAG	425313S	1475719E
LAKE MARIMLEY	NSW	YLKM	342330S	1434003E
LAKE NASH	NT	YLKN	205848S	1375503E
LAKEFIELD	QLD	YLFD	145514S	1441213E
LAMEROO	SA	YLAO	352224S	1402754E
LANGAWIRRA	NSW	YLAN	312636S	1420812E
LANGHORNE	SA	YLGH	351813S	1391602E
LAPUNYAH	QLD	YLAP	280126S	1500148E
LEETON	NSW	YLEE	342959S	1462634E
LEMONT	TAS	YLEM	421906S	1473705E
LIMBUNYA STATION	NT	YLIM	171402S	1295243E
LINDA DOWNS STATION	QLD	YLDS	221203S	1384210E
LITCHFIELD STN	NT	YLIT	132548S	1302942E
LIVERINGA	WA	YLIV	175639S	1241517E
LOCK	SA	YLOK	333236S	1354130E
LOCKYER WATERS/ BREEFIELD	QLD	YLWB	272814S	1522317E
LOONGANA	WA	YLGN	305630S	1270148E
LOTUS CREEK/ CROYDON	QLD	YACR	222824S	1490922E
LUSKINTYRE	NSW	YLSK	323959S	1512509E
MACLEOD/ GNARALOO BAY	WA	YGAR	234728S	1133149E
MACLEOD/ GNARALOO HOMESTEAD	WA	YGHS	234930S	1133148E
MACUMBA	SA	YMAC	271542S	1353818E
MAHANEWO	SA	YMWO	314303S	1362543E
MAINORU	NT	YMNU	140301S	1340550E
MALLAPUNYAH SPRINGS STN	NT	YMYH	165800S	1354636E
MALLOWA/KRUI	NSW	YKRU	294022S	1492716E
MANDEMAR	NSW	YMMR	342641S	1501723E
MANILLA STATION	NSW	YMAS	332250S	1420826E
MANNERS CREEK STN	NT	YMCR	220600S	1375900E
MAPOON	QLD	YMPN	120304S	1415425E
MARALINGA	SA	YMRA	300948S	1313730E
MARION DOWNS	WA	YDWN	170423S	1265053E
MARMBOO	QLD	YMBO	231800S	1432700E
MARYLAND TOO	WA	YTOO	332212S	1205226E
MATARANKA TOWNSHIP	NT	YMAR	145534S	1330352E
MAUDE CREEK	NT	YMUD	142330S	1322339E
MAWSON PLATEAU SKIWAY	OTH	YMPL	674309S	0624926E
MAWSON SEA ICE SKIWAY	OTH	YMSI	673603S	0624958E
MCCAFFREY FIELD	QLD	YMCF	272057S	1513050E
MCKINLAY	QLD	YMCK	211600S	1411800E
MEANDER LAKES	TAS	YMEA	412951S	1470133E
MEMBINUP	WA	YMBP	335250S	1223640E
MENINDEE	NSW	YMED	322200S	1422418E
MENINGIE	SA	YMEG	354209S	1392039E
MERRIMBA	NSW	YRIM	311040S	1475354E
MERRINONG STATION	NSW	YMMG	290125S	1470546E
MIDDLE POINT	NT	YCPX	123508S	1311832E
MILLERS CREEK	SA	YMIK	295829S	1360428E
MILLUNGERA	QLD	YMLL	195126S	1413342E
MINGENEW	WA	YMEW	291610S	1152635E

NAME	STATE	IDENT	LOCATION	
MINLATON	SA	YMIN	344438S	1373144E
MIRBOO	VIC	YMIB	382657S	1461432E
MIRRNGATJA	NT	YMGJ	123800S	1351200E
MITCHELL PLATEAU	WA	YMIP	144729S	1254931E
MOBELLA	SA	YLLA	294754S	1332042E
MONOLON	NSW	YMLN	301309S	1431455E
MONTEJINNI	NT	YMTJ	164217S	1314403E
MOOGA/BRINDLEY PARK	QLD	YABP	261931S	1485548E
MOOLELULOOLOO	SA	YLUL	313821S	1403043E
MOONAREE	SA	YMOE	315759S	1355231E
MOONIE/ TUNGAMAH STATION	QLD	YMTU	273741S	1502932E
MOORABERREE	QLD	YMOO	251438S	1405838E
MORANBAH/RUGBY RUN	QLD	YARR	220754S	1475336E
MOREE/BEELA	NSW	YAIR	292347S	1495213E
MOREE/RURAL AIR WORK	NSW	YRAR	291820S	1494152E
MORETON	QLD	YMOT	122634S	1423820E
MORNINGTON STN	WA	YMNT	173120S	1260724E
MOROAK	NT	YORO	144900S	1334200E
MORSTONE DOWNS STATION	QLD	YMSE	193030S	1382212E
MORVEN	QLD	YMVN	262400S	1470724E
MOUNT BARNETT	WA	YBAN	164429S	1255420E
MOUNT DARE STN	SA	YMTX	260342S	1351448E
MOUNT DAVIES/ PIPALYATJARA	SA	YMDV	261024S	1290748E
MOUNT DENISON	NT	YMNN	220827S	1320409E
MOUNT EBA	SA	YMEB	301042S	1354024E
MOUNT GARNET	QLD	YMRT	174200S	1450900E
MOUNT GIBSON	WA	YGSN	293626S	1172411E
MOUNT IDA	WA	YIDA	291240S	1202712E
MOUNT LIEBIG	NT	YLBG	231436S	1311536E
MOUNT LINDSAY/ WATARRU	SA	YLSY	270106S	1295306E
MOUNT MULGRAVE HS	QLD	YMMH	162300S	1435900E
MOUNT PERRY	QLD	YMPY	251232S	1514011E
MOUNT RIDDOCK STN	NT	YMDK	230212S	1344128E
MOUNT SHORT	WA	YMTS	333208S	1195701E
MOUNT WILLOUGHBY	SA	YWIB	275900S	1340900E
MOUROUBRA STATION	WA	YMSN	294807S	1174232E
MOXEY FARMS	NSW	YMOX	333101S	1482111E
MUCHEA/ GREENSIDE	WA	YGSD	313126S	1155647E
MUKINBUDIN	WA	YMKB	305521S	1181518E
MULGATHING	SA	YMGG	301345S	1335910E
MUNDINE	NSW	YDNE	283659S	1500903E
MURCHISON SHIRE	WA	YMSS	265324S	1155739E
MURNPEOWIE	SA	YMNP	293535S	1390301E
MUSGRAVE ROADHOUSE	QLD	YMGV	144652S	1433012E
NAMBUCCA	NSW	YNAA	304023S	1525904E
NAPPERBY	NT	YNPB	223159S	1324547E
NARYILCO	QLD	YNRL	283300S	1415500E
NATHAN RIVER STN	NT	YNAT	153513S	1352548E
NEBO	QLD	YNBO	214208S	1484140E
NEE NEE	NSW	YNEE	290700S	1500100E
NERRIMA	WA	YNER	183018S	1242350E
NETLEY STATION	NSW	YNET	323506S	1412706E
NEUMAYER VALLEY STATION	QLD	YNWM	182825S	1401331E
NEW HAVEN	NT	YNHV	224343S	1310852E
NEW LAURA	QLD	YLRS	151058S	1442045E
NEWCASTLE WATERS STATION	NT	YNCW	172237S	1332416E
NEWCASTLE/ WALLSAIR	NSW	YWSR	325258S	1514020E
NEWLANDS COAL	QLD	YNEW	211018S	1475432E
NILPINNA	SA	YNPA	282900S	1355400E
NOBBYS CREEK	NSW	YNOB	281745S	1531935E
NONNING	SA	YNIG	323140S	1362942E
NOOYEAH DOWNS	QLD	YNOO	280233S	1433330E
NORTH BUNDY STATION	NSW	YNBS	345349S	1442746E
NORTH GREGORY/ ELLIOTT FIELD	QLD	YETT	250301S	1521316E
NORTH ISLAND	WA	YNTI	281800S	1133545E
NORTH PERCY	WA	YELI	173345S	1245006E
NORTH WELL	SA	YNWL	305032S	1351749E
NUMERY	NT	YNUE	235950S	1352517E
NYAPARI	SA	YNYP	261116S	1301132E
NYIRRIPI	NT	YNRR	223842S	1303354E
NYMAGEE	NSW	YNYM	320314S	1461844E
OAK CREEK COAL	QLD	YOCC	230323S	1482944E
OAK VALLEY	SA	YOKV	293024S	1305206E
OAKVILLE	NSW	YOAK	301545S	1494610E
OBAN	QLD	YOBN	211405S	1390200E
OLD BAR	NSW	YOBR	315758S	1523530E
OLD BUNDEMAR	NSW	YBDM	314818S	1480948E
OMICRON	QLD	YOMI	284537S	1411231E
ORIELTON	QLD	YOIT	220347S	1440828E
OSBORNE ISLANDS	WA	YOSI	142131S	1260100E
OUYEN	VIC	YOUY	350519S	1422117E
PADDYS FLAT	NSW	YPDF	351225S	1494014E
PADTHAWAY STN	SA	YPDY	363638S	1403007E
PALM BEACH	NSW	YPLB	333619S	1511903E
PALMERS ISLAND/ MACLEAN	NSW	YPLI	292643S	1531600E
PALUMPA	NT	YPUA	142022S	1295152E
PANDORA	QLD	YPAN	231918S	1502148E
PASCOE RIVER	QLD	YPRV	123326S	1430718E
PASSAGE ISLAND	TAS	YPSI	402954S	1482012E
PATCHEWOLLOCK	VIC	YPCH	352212S	1421138E
PAYNES FIND	WA	YPYF	291544S	1174010E
PEAK HILL	NSW	YPKH	324350S	1481241E
PENTLAND	QLD	YPND	203200S	1452200E
PEPPIMENARTI	NT	YPEP	140839S	1300526E
PERENJORI	WA	YPJI	292523S	1161649E
PERNATTY	SA	YPTT	312900S	1372900E
PICCANINNY	QLD	YPIC	193700S	1463150E
PICCANINNY PLAINS	QLD	YPPS	130912S	1424637E
PIGEON HOLE	NT	YPGH	164900S	1311300E
PINNACLE	QLD	YPIN	154115S	1433347E
PINNACLES AIRPARK	QLD	YPNC	192646S	1464230E
PINORA	NSW	YPNR	301537S	1513745E
PIPERS FIELD	NSW	YPIP	332239S	1493111E
PLANET DOWNS	QLD	YPDS	243220S	1485340E
PLEVNA DOWNS	QLD	YPVD	263845S	1423542E
PORT BREMMER	NT	YPBM	111326S	1321603E
PORT FAIRY	VIC	YPFA	382143S	1421552E
PORT GEORGE	WA	YPTG	152300S	1244000E
PORTIA GOLD MINE	SA	YPOA	312546S	1402529E
PRESTON FIELD	WA	YPFL	330112S	1154206E

NAME	STATE	IDENT	LOCATION	
PUK PUK	QLD	YPUK	192640S	1462440E
PYRAMID HILL	VIC	YPYD	360341S	1440736E
QUAIRADING	WA	YQDG	320024S	1172454E
QUAMBATOOK	VIC	YQBK	355114S	1433051E
RAFFLES BAY	NT	YRFB	111622S	1322307E
RAINBOW BEACH	QLD	YRBB	255118S	1530413E
RANKIN POINT	NT	YRPT	124100S	1303500E
RAT ISLAND	WA	YRAT	284311S	1134703E
RAVENSWOOD	QLD	YRVW	200600S	1465400E
RAVENSWORTH	NSW	YRWH	343739S	1441600E
RAWLINNA	WA	YRAW	310100S	1251930E
RAWNSLEY PARK	SA	YRYK	313911S	1383635E
RAYMANGIRR	NT	YRRR	122028S	1360004E
RAYMORE STATION	QLD	YRAM	260800S	1430131E
REDFORD/ REDFORD STATION	QLD	YARE	255019S	1472444E
REMLAP PARK	NSW	YREM	323330S	1515730E
REXTON	QLD	YRXN	282452S	1503152E
RIAMUKKA	NSW	YRMA	312540S	1514039E
RICHMOND DOWNS	QLD	YRDS	203431S	1431802E
RISDON STUD	QLD	YRSS	281823S	1515827E
RIVEREN	NT	YRVE	175400S	1301300E
RIVERSLEIGH	QLD	YRLH	190200S	1384400E
ROCKLANDS	QLD	YRKS	195211S	1380616E
ROEBOURNE	WA	YROE	204541S	1170922E
ROKEBY	QLD	YRBY	133836S	1423828E
ROSS RIVER	NT	YROV	233553S	1343111E
ROTHWELL	VIC	YRTH	375300S	1442636E
ROWLAND FLAT	SA	YRWF	343348S	1385658E
RURRANGALA	NT	YRUL	125505S	1361511E
SAMUEL HILL	QLD	YSMH	224500S	1503800E
SANDFLY	TAS	YSFY	425856S	1471234E
SANTA TERESA	NT	YSTT	240700S	1342326E
SAWFISH CAMP	NT	YSAW	150738S	1350032E
SCAMPTON AIRFIELD	NSW	YSAF	305824S	1501059E
SEDAN	SA	YSEA	343402S	1392006E
SINCLAIR	WA	YSNC	282020S	1205110E
SKARDON RIVER	QLD	YSKR	115208S	1420058E
SOUTH WEST ROCKS	NSW	YSWK	305529S	1530139E
SPILSBY ISLAND	SA	YSPY	343930S	1362024E
ST LEONARDS	VIC	YSLE	381009S	1444118E
STAR LANDING AREA	QLD	YSTD	192030S	1461000E
STARKE FIELD	QLD	YSKF	193512S	1464650E
STOKES/ WARRENVALE STATION	QLD	YWVL	182509S	1404714E
STRADBROKE STATION	QLD	YSBO	213434S	1394215E
STRATHALBYN	SA	YSYN	351856S	1385945E
STRATHAVEN	QLD	YSVN	145400S	1425800E
STRATHBURN	QLD	YSTB	142839S	1424929E
STRATHEARN	SA	YSTR	314526S	1402033E
STRATHGUYLE	NSW	YSGL	290512S	1492247E
STRATHLEVEN	QLD	YSLN	155354S	1432300E
STRATHMORE	QLD	YSMR	175139S	1423400E
SUNBURY EAST	VIC	YSBE	373148S	1444454E
SUTHERLAND STATION	QLD	YSLD	201223S	1422536E
SWEERS ISLAND	QLD	YSWE	170715S	1393601E
TAMBAR SPRINGS	NSW	YTMS	311845S	1495023E
TARCOOLA	SA	YTAR	304210S	1343458E
TARNUK	NSW	YTRU	320248S	1502506E
TARTRUS	QLD	YTTS	225712S	1492542E
THALMERA	QLD	YTMA	243857S	1493722E
THANGOOL/ DRUMBURLE	QLD	YDRU	243913S	1503208E
THE GARDEN	NT	YGDR	231712S	1342624E
THE LILY	WA	YTLY	341325S	1181257E
THE TWINS	SA	YTHT	295859S	1352348E
THEDA STN	WA	YTHD	144717S	1262947E
THORPDALE	VIC	YTPD	381734S	1461123E
THREE HUMMOCK ISLAND	TAS	YTHM	402705S	1445450E
TIBUC VALLEY	NSW	YTBV	311524S	1490712E
TIERAWOOMBA	QLD	YTWA	215120S	1490205E
TIPPERARY	NT	YTPA	134350S	1310232E
TOBERMOREY	NT	YTMY	221522S	1375729E
TODMORDEN	SA	YTDM	270720S	1344619E
TOGO STATION	NSW	YTOG	300501S	1493236E
TOOGOOLAWAH	QLD	YTLH	270416S	1522259E
TOOPUNTUL	NSW	YTPL	342049S	1440406E
TRAEGER	SA	YTRG	301234S	1351352E
TRANGIE	NSW	YTGI	315829S	1480012E
TRIAL BAY	NT	YTIY	125839S	1363012E
TRUNDLE	NSW	YTUE	325617S	1474236E
TRURO/VALLEY FARM	SA	YVAF	342314S	1390839E
TUCSON	QLD	YTCU	224100S	1432042E
TULLAMORE	NSW	YTLL	323643S	1473547E
TUMBAR STATION	QLD	YTUM	235906S	1461636E
TUMBARUMBA	NSW	YTBM	354545S	1475313E
TUNBRIDGE	TAS	YTUN	420648S	1472154E
TUREE	NSW	YTUR	315536S	1494743E
TURKEY CREEK	WA	YTKY	170232S	1281221E
TURKEY LANE	SA	YTKL	354415S	1370756E
ULCANBAH	QLD	YULC	220146S	1455827E
UMUWA	SA	YUMU	262912S	1320224E
UNDILLA STATION	QLD	YUDL	193727S	1383818E
UPAYKAL	QLD	YPAK	140443S	1433759E
UPPER WARREGO/ BABBILOORA	QLD	YABB	251139S	1470832E
URAPUNGA	NT	YUPG	144219S	1343344E
VANSITTART BAY	WA	YVAN	135944S	1260828E
VARLEY	WA	YVLY	324311S	1193021E
VASHON HEAD	NT	YVSH	110854S	1315905E
VAUGHAN SPRINGS	NT	YVNS	222000S	1305200E
VICTORIA VALLEY AIRBASE	VIC	YVVA	371101S	1422022E
WAKOOL/ TULLABURRA	NSW	YTUB	352729S	1441656E
WALPOLE	WA	YWPE	345718S	1164149E
WATERHOUSE ISLAND	TAS	YWTH	404836S	1473730E
WEDGE ISLAND	SA	YWGI	350902S	1362740E
WEILMORINGLE	NSW	YWMG	291500S	1465500E
WELLCLOSE	QLD	YWEC	253246S	1450807E
WILANDRA	NSW	YWIL	311617S	1424111E
WILLOWRA	NT	YWLA	211636S	1323724E
WILPENA	SA	YWPN	313100S	1383730E
WITCHELINA	SA	YWHI	300210S	1380326E
WOLLOMOMBI	NSW	YWMM	302936S	1520525E
WONGALARA	NT	YWON	140601S	1342449E
WONGAN HILLS	WA	YWOH	305248S	1164342E
WOODSTOCK STATION	QLD	YWSN	192142S	1424540E
WOODVALE	NSW	YWOO	301427S	1490836E
WOOLOOMANATA	VIC	YWOT	375612S	1442213E
WULWUWUY	NT	YWUL	125400S	1362124E
WYNBRING	SA	YWYB	303326S	1333216E

NAME	STATE	IDENT	LOCATION	
WYNELLA	QLD	YWYN	285629S	1480732E
WYUNA	WA	YWYU	330543S	1170157E
YALAKUN STN	NT	YYLK	121544S	1360046E
YALDA DOWNS HS	NSW	YYLD	301541S	1425837E
YALGOO	WA	YYAL	282113S	1164044E
YARRALIN	NT	YAAL	162641S	1305250E
YEABURN	VIC	YYEA	371032S	1451923E
YOLANDRA	NSW	YOLO	293742S	1501140E
YORKETOWN	SA	YYOR	350012S	1373709E
YOWAH	QLD	YYWA	275700S	1443730E
YUNTA	SA	YYUN	323418S	1393350E
ZANTHUS	WA	YZAN	310200S	1233400E
ZONE FIVE	WA	YZON	334000S	1155410E

HELICOPTER LANDING SITES WITHOUT ERSA FAC - VERIFIED

Verified Helicopter Landing Sites are those that Airservices have a repsonsible person registered for the location and the associated information confirmed.

NAME	STATE	IDENT	LOCATION	
AGINCOURT NORTH	QLD	YAIN	155852S	1454913E
AGINCOURT SOUTH	QLD	YAIS	160208S	1455005E
ALBURY HOSPITAL	NSW	YXAL	360445S	1465619E
ALEXANDRA	VIC	YAXA	371112S	1454252E
ALONNAH MEDICAL	TAS	YXBY	431900S	1471442E
ALTHORPE ISLAND	SA	YALT	352217S	1365137E
ANGASTON HOSPITAL	SA	YXAG	343026S	1390236E
ANGEL PLATFORM	WA	YAGP	192955S	1163553E
ARDROSSAN HOSPITAL	SA	YXAN	342537S	1375502E
ATHERTON HOSPITAL	QLD	YXAT	171557S	1452901E
AYR HOSPITAL	QLD	YXYR	193353S	1472433E
BAAL BONE COLLIERY	NSW	YBNE	331611S	1500331E
BALAKLAVA HOSPITAL	SA	YXBA	340821S	1382510E
BALLARAT BASE HOSPITAL	VIC	YXBT	373333S	1435044E
BARALABA HOSPITAL	QLD	YXLB	241105S	1494834E
BARMERA	SA	YBMR	341454S	1402819E
BAROSSA	OTH	YBSA	094917S	1301609E
BAYU UNDAN	WA	YBYU	110412S	1263648E
BAYU UNDAN WHP	WA	YWPB	110425S	1264053E
BEAUDESERT HOSPITAL	QLD	YXBS	275908S	1530008E
BEEFWOOD	QLD	YBFW	231842S	1482906E
BELLINGEN MEDICAL	NSW	YXEG	302713S	1525407E
BERMAGUI	NSW	YBMG	362535S	1500434E
BERRI	SA	YBRI	341630S	1403609E
BICHENO MEDICAL	TAS	YXBF	415217S	1481820E
BIGGENDEN HOSPITAL	QLD	YXBI	253025S	1520302E
BILOELA HOSPITAL	QLD	YXBZ	242337S	1503055E
BLACK TIP WHP	WA	YBCT	135342S	1282903E
BLACKWATER HOSPITAL	QLD	YXKW	233417S	1485241E
BLAYNEY MEDICAL	NSW	YXAY	333205S	1491457E
BLUE MOUNTAINS HOSPITAL	NSW	YXBM	334219S	1501920E
BOTHWELL MEDICAL	TAS	YXEL	422315S	1470022E
BOWRAVILLE MEDICAL	NSW	YXVL	303852S	1525053E
BREAM A PLATFORM	VIC	YUMA	383000S	1474620E
BREAM B PLATFORM	VIC	YURB	383102S	1475020E
BRYMAROO	QLD	YBYO	271340S	1513648E
BULGA SURFACE OPERATIONS	NSW	YBSO	324053S	1510729E
BULGA UNDERGROUND	NSW	YBGU	320430S	1510620E
BULWER/MORETON ISLAND	QLD	YXBU	270421S	1532203E
BUNDABERG HOSPITAL	QLD	YXBD	245215S	1522008E
BUNDOORA/AQUILA MINE	QLD	YAQM	225838S	1483308E
BUNDOORA/ GRASSTREE MINE	QLD	YGTM	225921S	1483439E
BURRA	SA	YURR	334035S	1385629E
CABOOLTURE HOSPITAL	QLD	YXLT	270446S	1525747E
CAIRNS HOSPITAL	QLD	YCBH	165441S	1454608E
CAMPBELLTOWN HOSPITAL	NSW	YXCP	340442S	1504821E
CANBERRA HOSPITAL	ACT	YXCB	352044S	1490611E
CAPE LAMBERT	WA	YCPL	203621S	1170953E
CARRARA	QLD	YCAX	280000S	1532200E
CASEY STATION	OTH	YCAY	661654S	1103128E
CHARTERS TOWERS HOSPITAL	QLD	YXHT	200432S	1461551E
CHERBOURG HOSPITAL	QLD	YXCH	261728S	1515726E
CHINCHILLA HOSPITAL	QLD	YXCI	264426S	1503803E
CLARE	SA	YCLA	334948S	1383655E
COBIA PLATFORM	VIC	YUBX	382659S	1481833E
COFFS HARBOUR HOSPITAL	NSW	YXOF	301901S	1530535E
COOLAH HOSPITAL	NSW	YXOH	314918S	1494236E
COOMA HOSPITAL	NSW	YXCM	361432S	1490749E
COONABARABRAN HOSPITAL	NSW	YXAB	311632S	1491702E
COONALPYN	SA	YCYN	354131S	1395118E

NAME	STATE	IDENT	LOCATION	
COOTAMUNDRA HOSPITAL	NSW	YXOO	343802S	1480046E
COW BAY	QLD	YCBY	161208S	1452413E
CRADLE MOUNTAIN	TAS	YCRM	413439S	1455629E
CROOKWELL RFS	NSW	YXOK	342658S	1492809E
CROWN TOWERS HELIPORT	WA	YCRO	315744S	1155342E
CROWS NEST	QLD	YCNT	271553S	1520331E
CRUX PLATFORM	OTH	YCRX	125750S	1242632E
CURTIS ISLAND/ QCLNG	QLD	YQCI	234600S	1511137E
DALBY HOSPITAL	QLD	YXDA	271002S	1511637E
DAMPER CREEK	QLD	YDAM	182015S	1460254E
DAVIS STATION	OTH	YDSN	683435S	0775803E
DAY DREAM ISLAND	QLD	YDDI	201545S	1484845E
DERBY MEDICAL	TAS	YXDM	410842S	1474831E
DERWENT BRIDGE	TAS	YDRW	420800S	1461320E
DEVIL CREEK	WA	YDVC	205348S	1162438E
DOVER MEDICAL	TAS	YXDV	431934S	1465927E
DUBBO HOSPITAL	NSW	YXDB	321419S	1483714E
DUNEDOO HOSPITAL	NSW	YXDN	320050S	1492323E
DYKE POINT	NSW	YDYP	325515S	1514629E
EAGLEHAWK NECK MEDICAL	TAS	YXEA	430054S	1475532E
EAST INTERCOURSE	WA	YEII	203922S	1164055E
EASTERN CREEK	NSW	YECK	334815S	1505203E
ECHUNGA	SA	YECU	350610S	1384437E
EDEN MEDICAL	NSW	YXEM	370322S	1495438E
EIDSVOLD HOSPITAL	QLD	YXEI	252257S	1510731E
ELLERSTON	NSW	YESN	314825S	1511758E
EUDUNDA	SA	YEDD	341052S	1390521E
FALLS CREEK	VIC	YFLK	365200S	1471700E
FIONA STANLEY HOSPITAL	WA	YXFH	320414S	1155048E
FLINDERS MEDICAL CENTRE	SA	YXFM	350113S	1383405E
FLOUNDER PLATFORM	VIC	YULX	381841S	1482622E
FORTESQUE PLATFORM	VIC	YUSU	382427S	1481641E
FREMANTLE HELIPORT	WA	YFTL	320243S	1154359E
FREYCINET PENINSULA MEDICAL	TAS	YXFP	420848S	1481635E
FSO LIBERDADE	WA	YLIB	110258S	1263706E
GAYNDAH HOSPITAL	QLD	YXGI	253755S	1513617E
GLADSTONE HOSPITAL	QLD	YXDT	235059S	1511455E
GLEN HARDING	QLD	YGHG	181507S	1450733E
GLENBROOK NPWS	NSW	YGLK	334715S	1503631E
GOLD COAST UNIVERSITY HOSPITAL	QLD	YXHG	275734S	1532255E
GOLDFIELDS/ LOLOMA	QLD	YGOD	282810S	1514623E
GOODWYN PLATFORM	WA	YGWN	193907S	1155547E
GOONDIWINDI HOSPITAL	QLD	YXGO	283253S	1501805E
GREEN ISLAND (CAIRNS)	QLD	YGNI	164530S	1455830E
GRENFELL MEDICAL	NSW	YXGL	335422S	1480942E
GRUNDY STREET HELIPAD	QLD	YGST	165739S	1454459E
GULGONG HOSPITAL	NSW	YXGT	322128S	1493220E
GUNNEDAH HOSPITAL	NSW	YXGU	305858S	1501508E
GYMPIE HOSPITAL	QLD	YXGY	261119S	1523910E
HALIBUT PLATFORM	VIC	YUAL	382416S	1481913E
HAY HOSPITAL	NSW	YXHY	343000S	1445109E
HEIDELBERG WEST HELIPAD	VIC	YHBH	374454S	1450210E
HENLEY BROOK	WA	YHLB	314823S	1160038E
HERON ISLAND	QLD	YHRN	232630S	1515441E
HERVEY BAY HOSPITAL	QLD	YXHE	251800S	1524917E
HILLARYS MARINA HELIPAD	WA	YHMH	314929S	1154404E
HMAS PENGUIN	NSW	YHPG	334937S	1511543E
HOLT STREET JETTY	QLD	YHSJ	272623S	1530627E
HORNSBY KU-RING-GAI HOSPITAL	NSW	YXHK	334212S	1510646E
HUGHENDEN HOSPITAL	QLD	YXHU	205034S	1441116E
INDET	QLD	YNDT	210535S	1485952E
INGHAM HEALTH SERVICE	QLD	YXGM	183906S	1460950E
INGLEWOOD HOSPITAL	QLD	YXIW	282505S	1510340E
INNISFAIL HOSPITAL	QLD	YXIS	173106S	1460148E
INTEGRA COAL	NSW	YINT	322754S	1510754E
IRONBARK MINE	QLD	YIBM	214408S	1480951E
JANDOWAE HOSPITAL	QLD	YXJN	264653S	1510617E
JINDABYNE MEDICAL	NSW	YXJD	362505S	1483655E
JOHN HUNTER HOSPITAL	NSW	YXJH	325526S	1514136E
JOYCE PALMER HEALTH SERVICE	QLD	YXPC	184357S	1463440E
KAPUNDA HOSPITAL	SA	YXKH	341952S	1385519E
KARRATHA HEALTH CAMPUS	WA	YXKR	204353S	1165026E
KATHERINE HOSPITAL	NT	YXAE	142624S	1321615E
KENNETTS STRIP	NSW	YKST	334955S	1504441E
KILCOY HOSPITAL	QLD	YXKI	265500S	1523400E
KINGAROY HOSPITAL	QLD	YXKN	263157S	1515023E
KINGFISH A PLATFORM	VIC	YUFA	383548S	1480841E
KINGFISH B PLATFORM	VIC	YUFB	383550S	1481117E
KINGSCOTE HOSPITAL	SA	YXKC	353841S	1373804E
KUMBARILLA/RUBY JO	QLD	YKUM	271346S	1505219E
KYOGLE HOSPITAL	NSW	YXKO	283742S	1530006E
LATROBE HOSPITAL	TAS	YXLF	411343S	1462518E
LAUNCESTON GENERAL HOSPITAL	TAS	YXLU	412651S	1470825E
LEETON MEDICAL	NSW	YXLE	343335S	1462417E
LEMINGTON/ HUNTER VALLEY OPERATIONS	NSW	YLHO	322805S	1505859E

NAME	STATE	IDENT	LOCATION	
LEPPINGTON PASTORAL EAST	NSW	YLPE	335506S	1504157E
LEPPINGTON PASTORAL WEST	NSW	YLPW	335527S	1504059E
LIFE SAVER BASE/ SYDNEY	NSW	YLSB	335940S	1511458E
LISMORE HOSPITAL	NSW	YLIH	284833S	1531732E
LITHGOW MEDICAL	NSW	YXLG	332958S	1500744E
LIVERPOOL HOSPITAL	NSW	YXLL	335513S	1505551E
LOWENDAL ISLAND	WA	YLOW	203916S	1153437E
LOXTON HOSPITAL	SA	YXLX	342720S	1403353E
LYELL MCEWIN HOSPITAL	SA	YXLQ	344452S	1383956E
MACKEREL	VIC	YUKL	382846S	1482034E
MACQUARIE ISLAND	OTH	YMQI	542958S	1585612E
MAITLAND HOSPITAL	NSW	YXMT	324535S	1513616E
MAITLAND HOSPITAL (SA)	SA	YXMQ	342216S	1374034E
MANGOOLA COAL MINE	NSW	YMCM	321743S	1504229E
MANNUM HOSPITAL	SA	YXMM	345500S	1391830E
MAREEBA HOSPITAL	QLD	YXMB	165912S	1452533E
MARLBOROUGH	QLD	YMBG	224853S	1495317E
MARLIN PLATFORM	VIC	YUPX	381350S	1481315E
MAWSON STATION	OTH	YMAO	673609S	0625225E
MENINGIE HOSPITAL	SA	YXMI	354136S	1392005E
MILES HOSPITAL	QLD	YXMS	263929S	1501147E
MILLMERRAN HOSPITAL	QLD	YXLR	275249S	1511546E
MILTON ULLADULLA HOSPITAL	NSW	YXUA	351915S	1502622E
MINLATON HOSPITAL	SA	YXMX	344603S	1373529E
MISSION BEACH	QLD	YKMH	175252S	1460532E
MONA VALE HOSPITAL	NSW	YXMV	334106S	1511830E
MONTARA VENTURE FPSO	WA	YMVT	123935S	1243234E
MONTARA WHP	WA	YMWH	124020S	1243222E
MONTO HOSPITAL	QLD	YXOT	245201S	1510646E
MOORE REEF	QLD	YMRR	165312S	1461124E
MORANBAH HOSPITAL	QLD	YXMN	220008S	1480319E
MORUYA HOSPITAL	NSW	YXMY	355414S	1500410E
MOSSMAN HOSPITAL	QLD	YXMO	162748S	1452205E
MOUNT BARKER HOSPITAL	SA	YXBR	350453S	1385210E
MOUNT MULLIGAN LODGE	QLD	YMUZ	165155S	1445246E
MOUNT PERRY HEALTH CARE CENTRE	QLD	YXMP	251054S	1513845E
MOUNT YARRABAH	QLD	YYAR	165415S	1455031E
MOURA HOSPITAL	QLD	YXMR	243434S	1495833E
MUNDUBERRA HOSPITAL	QLD	YXDR	253517S	1511735E
MURGON HOSPITAL	QLD	YXMG	261419S	1515704E
MURRAY BRIDGE HOSPITAL	SA	YXMJ	350741S	1391652E
NAMBOUR HOSPITAL	QLD	YXNA	263714S	1525703E
NANANGO HOSPITAL	QLD	YXNN	263957S	1520027E
NANGRAM/ WINDIBRI	QLD	YNGM	265233S	1501840E
NARRABRI HOSPITAL	NSW	YXNH	301933S	1494638E
NEPEAN HOSPITAL	NSW	YXNE	334534S	1504254E
NEW ROYAL ADELAIDE HOSPITAL	SA	YXAA	345515S	1383510E
NGUJIMA-YIN FPSO	WA	YNJY	212555S	1140412E
NINGALOO VISION FPSO	WA	YNGV	212406S	1140512E
NORMAN REEF	QLD	YNOM	162530S	1455923E
NORTH RANKIN COMPLEX	WA	YXNR	193511S	1160820E
NORTHERN BEACHES HOSPITAL	NSW	YXNL	334503S	1511400E
NORTHERN ENDEAVOUR	OTH	YNEN	103724S	1260200E
OAK CREEK COAL TIERI TOWNSHIP	QLD	YTIE	230214S	1482055E
OATLANDS MEDICAL	TAS	YXOD	421815S	1472200E
OKHA FPSO	WA	YOKA	193530S	1162606E
OUSE MEDICAL	TAS	YXOS	422910S	1464258E
PARKES HOSPITAL	NSW	YXPK	330912S	1481016E
PEAK HILL HOSPITAL	NSW	YXPH	324410S	1481159E
PERISHER	NSW	YPSR	362419S	1482453E
PLUTO ALPHA	WA	YPLA	195946S	1152207E
PORT ARTHUR	TAS	YPAR	430616S	1475133E
PORT ARTHUR MEDICAL	TAS	YXPU	430832S	1475037E
PORT BROUGHTON	SA	YPBN	333555S	1375605E
PORT HEDLAND HELIPORT	WA	YHIP	201854S	1183432E
PORT MACQUARIE BASE HOSPITAL	NSW	YXPM	312708S	1525236E
PORT PIRIE HOSPITAL	SA	YXPE	331034S	1380019E
PRELUDE FLNG	WA	YLNG	134710S	1231850E
PRINCE CHARLES HOSPITAL	QLD	YPRC	272316S	1530128E
PRINCESS ALEXANDRA HOSPITAL	QLD	YPRI	273001S	1530202E
PUNSAND BAY	QLD	YPSB	104314S	1422750E
PYRENEES VENTURE FPSO	WA	YPYV	213221S	1140655E
QUEEN ELIZABETH II MEDICAL CENTRE	WA	YXQE	315808S	1154901E
QUEENSLAND CHILDREN'S HOSPITAL	QLD	YXQC	272903S	1530137E
RAVENSWORTH COAL CHPP	NSW	YRAC	322411S	1510058E
RAVENSWORTH OPEN CUT	NSW	YROC	322656S	1510120E
REINDEER PLATFORM	WA	YRDP	200130S	1161836E
RENMARK HOSPITAL	SA	YXRM	340950S	1404441E
ROCKHAMPTON HOSPITAL	QLD	YXRK	232249S	1502940E
ROLLESTON OPEN CUT	QLD	YROL	242643S	1482505E

NAME	STATE	IDENT	LOCATION	
ROWSLEY	VIC	YRWS	374240S	1442239E
ROYAL BRISBANE HOSPITAL ALPHA	QLD	YRBH	272649S	1530142E
ROYAL BRISBANE HOSPITAL CHARLIE	QLD	YRBC	272700S	1530140E
ROYAL DARWIN HOSPITAL	NT	YXDH	122110S	1305254E
ROYAL HOBART HOSPITAL	TAS	YXHH	425247S	1471950E
RUSSELL ISLAND HLS	QLD	YXRU	273927S	1532200E
RYANS POINT	TAS	YRYA	433229S	1465342E
SCARBOROUGH FPU	OTH	YFPU	195534S	1131429E
SCORESBY/ CARIBBEAN PARK	VIC	YSCP	375432S	1451324E
SCOTTSDALE MEDICAL	TAS	YXSO	410928S	1473043E
SHANNON	WA	YSHN	344435S	1162935E
SHELLHARBOUR HOSPITAL	NSW	YXSH	343336S	1505030E
SHOALHAVEN EMERGENCY MANAGEMENT CENTRE	NSW	YXSE	345347S	1503526E
SHOALHAVEN MEMORIAL HOSPITAL	NSW	YXNW	345212S	1503544E
SINGLETON HOSPITAL	NSW	YXSI	323401S	1511113E
SNAPPER PLATFORM	VIC	YUSN	381139S	1480132E
SOUTH CAIRNS HEALTH FACILITY	QLD	YXCE	170107S	1454331E
SOUTHCARE BASE	ACT	YXSB	352243S	1491018E
ST GEORGE HOSPITAL	NSW	YXSG	335801S	1510757E
ST HELENS DISTRICT HOSPITAL	TAS	YXSD	411906S	1481431E
ST MARYS MEDICAL	TAS	YXSM	413514S	1481103E
STAG PLATFORM	WA	YSTG	201725S	1161631E
STANLEY	TAS	YSTN	404840S	1451532E
STANTHORPE HOSPITAL	QLD	YXST	283936S	1515540E
STRATHALBYN HOSPITAL	SA	YXSY	351538S	1385310E
SUMMERHILL ROAD HELIPAD	SA	YSUM	351604S	1385512E
SUNSHINE COAST HOSPITAL	QLD	YXHS	264450S	1530649E
SWANSEA MEDICAL	TAS	YXSW	420734S	1480441E
TAHMOOR MINE	NSW	YTAH	341508S	1503436E
TAMWORTH HOSPITAL	NSW	YXTW	310420S	1505536E
TANGALOOMA RESORT	QLD	YXTA	271055S	1532217E
TANUNDA HOSPITAL	SA	YXTN	343116S	1385857E
TARA HOSPITAL	QLD	YXRH	271623S	1502726E
TEXAS MULTI PURPOSE HEALTH SERVICE	QLD	YXTX	285119S	1511044E
THE GLEBE	TAS	YGBE	412536S	1470841E
THE GLEN AIRFIELD	QLD	YGEN	224921S	1501956E
THE MARGARET RIVER TRUFFLE FARM	WA	YMTF	334953S	1150654E
THE SILOS	TAS	YSLO	412550S	1470740E
THE VILLE	QLD	YVIL	191500S	1464934E
THREDBO	NSW	YTHB	363020S	1481810E
THREE ROCKS	QLD	YTRS	205601S	1494507E
THYLACINE A PLATFORM	TAS	YTHA	391412S	1425406E
TOOWOOMBA HOSPITAL	QLD	YXTO	273414S	1515646E
TOWNSVILLE HOSPITAL	QLD	YXTL	191913S	1464538E
TOWNSVILLE HOSPITAL	QLD	YXTS	191921S	1464600E
TRAFALGAR LANE	TAS	YTAF	413303S	1471439E
TRIABUNNA MEDICAL	TAS	YXTB	423035S	1475443E
TUNA PLATFORM	VIC	YUNA	381012S	1482510E
TWEED VALLEY HOSPITAL	NSW	YXTV	281550S	1533359E
ULAN COAL MINES	NSW	YULN	321421S	1494444E
VICTOR HARBOR	SA	YVTH	353343S	1383623E
VICTORIA PARK	NSW	YVPK	283912S	1533431E
VICTORIA POLICE CENTRE	VIC	YVPC	374852S	1445704E
VICTORIAN HEART HOSPITAL	VIC	YXVH	375445S	1450824E
WAGGA WAGGA HOSPITAL	NSW	YXWG	350709S	1472126E
WALLAROO	SA	YWRO	335537S	1373816E
WANDA BEACH	NSW	YWAN	340223S	1510949E
WANDOO ALPHA	WA	YWAA	200812S	1162510E
WANDOO BRAVO	WA	YWAO	200726S	1162602E
WARWICK HOSPITAL	QLD	YXWA	281326S	1520100E
WEIPA HELIPORT	QLD	YWEH	123819S	1415137E
WEST KINGFISH PLATFORM	VIC	YUFW	383536S	1480620E
WEST TUNA PLATFORM	VIC	YUNW	381133S	1482319E
WESTMEAD CHILDRENS HOSPITAL	NSW	YXWM	334808S	1505937E
WHEATSTONE PLATFORM	WA	YWTP	195548S	1152303E
WHITING PLATFORM	VIC	YUWH	381424S	1475226E
WIEAMBILLA/KENYA	QLD	YWIM	265626S	1502733E
WOLEEBEE CREEK	QLD	YEBE	261658S	1494209E
WOLLONGONG HOSPITAL	NSW	YXWL	342527S	1505256E
WOORABINDA HEALTH SERVICE	QLD	YXND	240800S	1492717E
WYOMING	QLD	YWYO	271311S	1512943E
WYONG HOSPITAL	NSW	YXWY	331537S	1512851E
YARRABAH	QLD	YYBH	165434S	1455213E
YASS HOSPITAL	NSW	YXYA	345116S	1485430E
YEA	VIC	YEAT	371252S	1452551E
YOLLA PLATFORM	TAS	YOLL	395042S	1454906E
YORKETOWN HOSPITAL	SA	YXYK	350108S	1373642E
YOUNG HOSPITAL	NSW	YXYO	341915S	1481717E

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SECTION 21 – NAVIGATION AIDS

NAME	TYPE	IDENT	LOCATION	
ADELAIDE	DME	AD	345649.5S	1383127.9E
ADELAIDE	DME	IAD	345636.9S	1383230.1E
ADELAIDE	GP	IAD	345636.7S	1383229.8E
ADELAIDE	LOC	IAD	345735.4S	1383055.1E
ADELAIDE	VOR	AD	345649.1S	1383128.3E
ALBANY	DME	ABA	345659.8S	1174835.5E
ALBANY	NDB	ABA	345707.8S	1174837.9E
ALBURY	DME	AY	360405.2S	1465758.3E
ALBURY	VOR	AY	360404.8S	1465757.9E
ALICE SPRINGS	DME	AS	234734.4S	1335241.0E
ALICE SPRINGS	DME	IAS	234813.3S	1335342.9E
ALICE SPRINGS	GP	IAS	234813.1S	1335343.0E
ALICE SPRINGS	LOC	IAS	234855.7S	1335513.0E
ALICE SPRINGS	NDB	AS	234640.6S	1335224.7E
ALICE SPRINGS	VOR	AS	234734.4S	1335241.6E
AMBERLEY	DME	IAM	273727.4S	1524228.9E
AMBERLEY	GP	IAM	273727.4S	1524228.9E
AMBERLEY	LOC	IAM	273859.8S	1524303.4E
AMBERLEY	TAC	AMB	273829.5S	1524258.0E
ARMIDALE	DME	ARM	303139.8S	1513655.4E
ARMIDALE	NDB	ARM	303138.3S	1513654.1E
AVALON	DME	AV	380256.7S	1442733.3E
AVALON	DME	IAV	380150.2S	1442814.9E
AVALON	GP	IAV	380150.2S	1442814.9E
AVALON	LOC	IAV	380334.2S	1442750.4E
AVALON	VOR	AV	380256.0S	1442732.2E
AYERS ROCK	DME	AYE	251017.3S	1305829.2E
AYERS ROCK	NDB	AYE	251021.7S	1305829.3E
BAGOT	NDB	BGT	122423.9S	1305125.3E
BALLINA	NDB	BNA	285004.2S	1533344.6E
BATHURST	NDB	BTH	332450.6S	1493925.2E
BEERMULLAH	TAC	REM	311624.7S	1154944.8E
BIRDSVILLE	NDB	BDV	255346.6S	1392112.3E
BOULIA	NDB	BOU	225453.2S	1395425.1E
BOURKE	NDB	BKE	300236.5S	1455657.6E
BRISBANE	DME	BN	272157.5S	1530821.4E
BRISBANE	DME	IBA	272403.2S	1530716.0E
BRISBANE	DME	IBE	272130.8S	1530709.7E
BRISBANE	DME	IBN	272248.0S	1530625.5E
BRISBANE	DME	IBS	272240.2S	1530803.5E
BRISBANE	GP	IBA	272403.1S	1530715.8E
BRISBANE	GP	IBE	272130.9S	1530709.9E
BRISBANE	GP	IBN	272248.1S	1530625.7E
BRISBANE	GP	IBS	272240.1S	1530803.3E
BRISBANE	LOC	IBA	272212.6S	1530812.8E
BRISBANE	LOC	IBE	272308.0S	1530619.4E
BRISBANE	LOC	IBN	272115.2S	1530723.9E
BRISBANE	LOC	IBS	272427.1S	1530655.9E
BRISBANE	VOR	BN	272157.9S	1530821.2E
BROKEN HILL	DME	BHI	320002.4S	1412847.3E
BROKEN HILL	NDB	BHI	315931.3S	1412806.4E
BROKEN HILL	VOR	BHI	320002.4S	1412847.9E
BROMELTON	NDB	BML	275758.0S	1525402.8E
BROOME	DME	BRM	175648.5S	1221405.2E
BROOME	NDB	BRM	175646.7S	1221407.1E
BUNDABERG	NDB	BUD	245423.7S	1521913.1E
BUSSELTON	NDB	BLN	334132.7S	1152342.6E
CAIRNS	DME	CS	165100.5S	1454438.2E
CAIRNS	DME	ICN	165209.6S	1454436.7E
CAIRNS	DME	ICS	165208.7S	1454436.3E
CAIRNS	GP	ICS	165208.6S	1454436.6E
CAIRNS	LOC	ICN	165152.8S	1454435.0E
CAIRNS	LOC	ICS	165335.6S	1454521.4E
CAIRNS	NDB	CS	165049.1S	1454408.0E
CAIRNS	VOR	CS	165100.1S	1454438.0E
CANBERRA	DME	CB	351653.3S	1491145.4E
CANBERRA	DME	ICB	351843.4S	1491147.0E
CANBERRA	GP	ICB	351843.4S	1491146.7E
CANBERRA	LOC	ICB	351714.4S	1491140.0E
CANBERRA	NDB	CB	351744.2S	1491226.6E
CANBERRA	VOR	CB	351653.2S	1491144.6E
CARNARVON	DME	CAR	245255.3S	1134022.9E
CARNARVON	NDB	CAR	245312.3S	1134009.2E
CARNARVON	VOR	CAR	245255.3S	1134022.4E
CEDUNA	NDB	CDU	320735.6S	1334337.0E
CHARLEVILLE	NDB	CV	262512.1S	1461456.4E
CHRISTMAS IS	DME	XMX	102548.5S	1054124.0E
CHRISTMAS IS	VOR	XMX	102548.8S	1054121.6E
CLONCURRY	NDB	CCY	203956.4S	1403003.8E
COBAR	NDB	CBA	313224.5S	1454755.0E
COCOS (KEELING) ISLANDS	DME	CC	121201.5S	0965028.1E
COCOS (KEELING) ISLANDS	NDB	CIL	121014.5S	0964916.3E
COCOS (KEELING) ISLANDS	VOR	CC	121202.0S	0965027.3E
COEN	NDB	COE	134557.8S	1430702.1E
COFFS HARBOUR	DME	CFS	301910.3S	1530715.7E
COFFS HARBOUR	VOR	CFS	301910.2S	1530715.2E
COOBER PEDY	NDB	CBP	290154.5S	1344325.6E
COOMA	DME	COM	362115.5S	1485727.7E
COOMA	NDB	COM	362113.6S	1485727.1E
COROWA	NDB	COR	355914.9S	1462125.9E
COWRA	NDB	CWR	335041.6S	1483911.7E
CUNDERDIN	NDB	CUN	313730.3S	1171326.5E
CUNNAMULLA	NDB	CMU	280205.2S	1453725.5E
CURTIN	DME	CIN	173519.5S	1235106.7E
CURTIN	TAC	CTN	173440.7S	1234945.4E
CURTIN	VOR	CIN	173519.6S	1235107.2E
DARWIN	DME	DN	122523.8S	1305422.8E
DARWIN	DME	IDN	122501.2S	1305332.0E
DARWIN	GP	IDN	122501.4S	1305331.9E
DARWIN	LOC	IDN	122430.8S	1305145.7E
DARWIN	TAC	DAR	122447.1S	1305300.4E
DARWIN	VOR	DN	122523.8S	1305423.3E
DERBY	NDB	DBY	172124.6S	1234001.1E
DUBBO	NDB	DU	321303.1S	1483332.7E
EAST SALE	DME	IEW	380550.3S	1470901.0E
EAST SALE	GP	IEW	380550.2S	1470901.0E
EAST SALE	LOC	IEW	380543.0S	1470730.6E
EAST SALE	NDB	ESL	380640.8S	1470934.4E
EAST SALE	TAC	ESL	380607.8S	1470916.0E
EDINBURGH	DME	IED	344150.2S	1383655.6E
EDINBURGH	GP	IED	344150.2S	1383655.5E
EDINBURGH	LOC	IED	344311.5S	1383646.8E
EDINBURGH	TAC	EDN	344217.1S	1383644.6E
EMERALD	NDB	EML	233402.8S	1481015.8E
ESPERANCE	DME	ESP	334042.8S	1214918.1E
ESPERANCE	NDB	ESP	334113.1S	1214937.6E
ESPERANCE	VOR	ESP	334050.1S	1214925.6E

NAME	TYPE	IDENT	LOCATION	
ESSENDON	DME	IEN	374347.0S	1445438.2E
ESSENDON	GP	IEN	374347.4S	1445438.0E
ESSENDON	LOC	IEN	374353.2S	1445328.6E
FORREST	NDB	FRT	305117.6S	1280557.7E
GERALDTON	DME	GEL	284725.2S	1144222.0E
GERALDTON	NDB	GEL	284754.3S	1144206.5E
GERALDTON	VOR	GEL	284725.2S	1144222.0E
GINGIN	NDB	GIG	312735.0S	1155156.0E
GLADSTONE	VOR	GLA	235154.9S	1511215.9E
GOLD COAST	DME	CG	281008.1S	1533014.2E
GOLD COAST	DME	ICG	280934.5S	1533004.2E
GOLD COAST	GP	ICG	280934.4S	1533004.4E
GOLD COAST	LOC	ICG	281042.4S	1533052.8E
GOLD COAST	NDB	CG	280953.5S	1533004.0E
GOLD COAST	VOR	CG	281008.2S	1533014.7E
GOULBURN	NDB	GLB	344825.8S	1494413.8E
GOVE	DME	GV	121554.0S	1364858.6E
GOVE	NDB	GV	121612.8S	1364927.6E
GOVE	VOR	GV	121554.1S	1364859.1E
GRAFTON	NDB	GFN	294535.0S	1530138.8E
GRIFFITH	NDB	GTH	341637.9S	1460324.2E
GROOTE EYLANDT	DME	GTE	135831.3S	1362717.9E
GROOTE EYLANDT	NDB	GTE	135830.2S	1362719.6E
HALLS CREEK	NDB	HLC	181359.2S	1274020.8E
HAMILTON	NDB	HML	373857.4S	1420328.3E
HOBART	DME	HB	424957.6S	1473038.8E
HOBART	DME	IHB	424948.4S	1473021.6E
HOBART	GP	IHB	424948.7S	1473021.3E
HOBART	LOC	IHB	425047.8S	1473133.5E
HOBART	VOR	HB	424958.0S	1473038.4E
HOOKER CREEK	NDB	HOO	181951.4S	1303813.9E
HORN ISLAND	NDB	HID	103531.4S	1421733.2E
HUGHENDEN	NDB	HUG	204914.2S	1441344.5E
INVERELL	NDB	IVL	295304.9S	1510823.9E
JANDAKOT	NDB	JT	320609.7S	1155312.2E
KALGOORLIE	DME	KG	304723.4S	1212710.6E
KALGOORLIE	NDB	KG	304743.1S	1212748.1E
KALGOORLIE	VOR	KG	304723.4S	1212710.0E
KARRATHA	DME	KA	204254.4S	1164626.0E
KARRATHA	NDB	KA	204221.9S	1164702.3E
KARRATHA	VOR	KA	204254.3S	1164626.2E
KING ISLAND	NDB	KII	395320.8S	1435231.2E
KUNUNURRA	DME	KU	154631.8S	1284231.9E
KUNUNURRA	NDB	KU	154702.1S	1284214.3E
KUNUNURRA	VOR	KU	154631.7S	1284231.4E
LATROBE VALLEY	NDB	LTV	381209.1S	1462832.6E
LAUNCESTON	DME	ILT	413255.9S	1471259.3E
LAUNCESTON	DME	LT	413237.7S	1471247.0E
LAUNCESTON	GP	ILT	413256.1S	1471259.0E
LAUNCESTON	LOC	ILT	413203.2S	1471206.0E
LAUNCESTON	NDB	LT	413339.8S	1471330.3E
LAUNCESTON	VOR	LT	413237.8S	1471247.7E
LEARMONTH	DME	LM	221405.4S	1140538.3E
LEARMONTH	NDB	LM	221429.5S	1140544.7E
LEARMONTH	TAC	LMO	221328.2S	1140532.8E
LEARMONTH	VOR	LM	221405.4S	1140538.9E
LEIGH CREEK	NDB	LEC	303555.4S	1382632.1E
LEINSTER	NDB	LST	275026.3S	1204201.0E
LEONORA	NDB	LEO	285243.9S	1211913.0E
LOCKHART RIVER	NDB	LHR	124718.9S	1431813.5E
LONGREACH	NDB	LRE	232542.3S	1441720.9E
LORD HOWE ISLAND	DME	LHI	313144.4S	1590421.3E
LORD HOWE ISLAND	NDB	LHI	313144.1S	1590422.6E
MACKAY	DME	MK	211022.9S	1491114.6E
MACKAY	NDB	MK	210944.1S	1491110.5E
MACKAY	VOR	MK	211022.8S	1491114.0E
MANGALORE	VOR	MNG	365309.2S	1451139.2E
MANINGRIDA	NDB	MGD	120345.9S	1341354.0E
MEEKATHARRA	DME	MEK	263625.4S	1183156.3E
MEEKATHARRA	NDB	MEK	263656.0S	1183224.6E
MEEKATHARRA	VOR	MEK	263625.3S	1183157.0E
MELBOURNE	DME	IMS	373924.1S	1445001.2E
MELBOURNE	DME	IMW	373938.2S	1445040.4E
MELBOURNE	DME	ML	373936.3S	1445031.8E
MELBOURNE	GBAS	YMML	374007.0S	1445006.0E
MELBOURNE	GP	IMS	373924.1S	1445001.5E
MELBOURNE	GP	IMW	373938.5S	1445040.3E
MELBOURNE	LOC	IMS	374119.1S	1445029.5E
MELBOURNE	LOC	IMW	373936.2S	1444836.3E
MELBOURNE	VOR	ML	373936.5S	1445031.2E
MERIMBULA	DME	MER	365452.3S	1495357.4E
MERIMBULA	NDB	MER	365451.3S	1495358.0E
MILDURA	DME	IMI	341341.7S	1420437.1E
MILDURA	DME	MIA	341330.2S	1420438.3E
MILDURA	GP	IMI	341341.7S	1420437.1E
MILDURA	LOC	IMI	341349.1S	1420548.2E
MILDURA	NDB	MIA	341452.1S	1420426.1E
MILDURA	VOR	MIA	341330.7S	1420438.2E
MOOMBA	DME	OOM	280615.4S	1401158.8E
MOOMBA	NDB	OOM	280615.6S	1401156.9E
MOORABBIN	NDB	MB	375835.4S	1450525.2E
MOREE	NDB	MOR	292950.2S	1495105.6E
MOUNT GAMBIER	NDB	MTG	374509.2S	1404644.5E
MOUNT GAMBIER	VOR	MTG	374505.0S	1404707.0E
MOUNT ISA	DME	MA	203952.7S	1392908.9E
MOUNT ISA	NDB	MA	204031.5S	1392911.6E
MOUNT ISA	VOR	MA	203952.6S	1392908.3E
MOUNT MAGNET	NDB	MOG	280350.8S	1175037.4E
MUDGEE	NDB	MDG	323355.3S	1493658.5E
NANCY-BIRD WALTON	DME	IWN	335320.2S	1504154.2E
NANCY-BIRD WALTON	DME	IWS	335230.5S	1504336.4E
NANCY-BIRD WALTON	GP	IWN	335320.5S	1504154.4E
NANCY-BIRD WALTON	GP	IWS	335230.7S	1504336.5E
NANCY-BIRD WALTON	LOC	IWN	335225.0S	1504359.5E
NANCY-BIRD WALTON	LOC	IWS	335335.8S	1504134.0E
NARRABRI	NDB	NBR	301914.7S	1494952.1E
NEWMAN	DME	NWN	232515.9S	1194811.4E
NEWMAN	NDB	NWN	232504.9S	1194750.7E
NEWMAN	VOR	NWN	232515.9S	1194810.9E
NORFOLK IS	DME	NF	290250.8S	1675553.3E
NORFOLK IS	NDB	NF	290026.1S	1675515.0E
NORFOLK IS	VOR	NF	290250.4S	1675555.8E
NORMANTON	NDB	NTN	174144.7S	1410422.9E
NOWRA	DME	INA	345613.6S	1503253.3E
NOWRA	GP	INA	345613.6S	1503253.2E
NOWRA	LOC	INA	345706.0S	1503159.1E
NOWRA	NDB	NWA	345704.4S	1503147.2E
NOWRA	TAC	NWR	345703.8S	1503216.8E
OAKEY	DME	IOK	272414.5S	1514424.5E
OAKEY	DME	OK	272358.5S	1514416.8E
OAKEY	GP	IOK	272414.5S	1514424.5E
OAKEY	LOC	IOK	272459.3S	1514452.5E
OAKEY	NDB	OK	272516.9S	1514413.8E
OAKEY	VOR	OK	272358.8S	1514416.3E

NAME	TYPE	IDENT	LOCATION	
PARABURDOO	DME	PBO	231021.7S	1174412.7E
PARABURDOO	NDB	PBO	231043.6S	1174433.1E
PARABURDOO	VOR	PBO	231021.4S	1174413.3E
PARAFIELD	NDB	PF	344747.3S	1383752.2E
PARKES	DME	PKS	330752.7S	1481414.9E
PARKES	NDB	PKS	330842.9S	1481509.4E
PARKES	VOR	PKS	330752.6S	1481414.3E
PEARCE	DME	IPC	314051.8S	1160104.3E
PEARCE	DME	IPE	313937.9S	1160043.1E
PEARCE	GP	IPC	314051.8S	1160104.3E
PEARCE	GP	IPE	313937.9S	1160043.1E
PEARCE	LOC	IPC	313917.3S	1160045.8E
PEARCE	LOC	IPE	314112.6S	1160101.1E
PEARCE	NDB	PEA	313915.8S	1160108.1E
PEARCE	TAC	PEA	314026.0S	1160103.0E
PERTH	DME	IGD	315553.0S	1155809.8E
PERTH	DME	IPH	315601.1S	1155836.9E
PERTH	DME	IPN	315722.0S	1155742.6E
PERTH	DME	PH	315642.2S	1155734.4E
PERTH	GP	IGD	315553.0S	1155809.5E
PERTH	GP	IPH	315600.7S	1155836.6E
PERTH	GP	IPN	315721.9S	1155742.3E
PERTH	LOC	IGD	315742.9S	1155731.6E
PERTH	LOC	IPH	315631.9S	1155724.6E
PERTH	LOC	IPN	315533.5S	1155809.2E
PERTH	VOR	PH	315642.2S	1155733.2E
PORT HEDLAND	DME	PD	202242.5S	1183722.3E
PORT HEDLAND	NDB	PD	202316.2S	1183837.6E
PORT HEDLAND	VOR	PD	202242.5S	1183721.8E
PORT LINCOLN	NDB	PLC	343615.9S	1355223.7E
PORT MACQUARIE	NDB	PMQ	312608.4S	1525200.3E
PROSERPINE	DME	PN	202948.7S	1483310.2E
PROSERPINE	VOR	PN	202948.8S	1483310.7E
RICHMOND	DME	IRI	333626.9S	1504723.3E
RICHMOND	GP	IRI	333626.9S	1504723.3E
RICHMOND	LOC	IRI	333601.8S	1504600.8E
RICHMOND (NSW)	TAC	RIC	333626.2S	1504756.1E
ROCKHAMPTON	DME	RK	232258.1S	1502818.0E
ROCKHAMPTON	NDB	RK	232215.3S	1502831.1E
ROCKHAMPTON	VOR	RK	232258.1S	1502817.5E
ROMA	NDB	ROM	263235.1S	1484654.1E
SCHERGER	TAC	SGR	123710.9S	1420520.0E
SHEPPARTON	NDB	SHT	362542.1S	1452345.7E
ST GEORGE	NDB	SGE	280249.8S	1483549.8E
SUNSHINE COAST	DME	SU	263551.7S	1530525.1E
SUNSHINE COAST	NDB	SU	263531.9S	1530530.2E
SUNSHINE COAST	VOR	SU	263551.7S	1530525.1E
SWAN HILL	NDB	SWH	352249.8S	1433225.1E
SYDNEY	DME	IKN	335805.8S	1511129.1E
SYDNEY	DME	IKS	335558.5S	1511015.8E
SYDNEY	DME	ISN	335741.1S	1511053.4E
SYDNEY	DME	ISS	335715.0S	1511127.3E
SYDNEY	DME	ISW	335622.9S	1511109.5E
SYDNEY	DME	ISY	335638.7S	1511002.8E
SYDNEY	DME	SY	335637.6S	1511057.4E
SYDNEY	GBAS	YSSY	335753.0S	1511105.0E
SYDNEY	GP	IKN	335805.8S	1511129.3E
SYDNEY	GP	IKS	335558.5S	1511016.1E
SYDNEY	GP	ISN	335741.1S	1511053.0E
SYDNEY	GP	ISS	335715.0S	1511127.0E
SYDNEY	GP	ISW	335622.6S	1511109.4E
SYDNEY	GP	ISY	335638.5S	1511002.7E
SYDNEY	LOC	IKN	335651.4S	1511116.1E
SYDNEY	LOC	IKS	335801.0S	1511052.8E
SYDNEY	LOC	ISN	335539.1S	1511016.0E
SYDNEY	LOC	ISS	335824.1S	1511140.2E
SYDNEY	LOC	ISW	335638.9S	1510943.0E
SYDNEY	LOC	ISY	335613.4S	1511131.2E
TAMWORTH	DME	ITW	310453.0S	1505108.2E
TAMWORTH	DME	TW	310357.8S	1504948.3E
TAMWORTH	GP	ITW	310453.0S	1505108.2E
TAMWORTH	LOC	ITW	310412.1S	1505008.5E
TAMWORTH	NDB	TW	310416.2S	1504952.2E
TAMWORTH	VOR	TW	310357.9S	1504948.9E
TENNANT CREEK	DME	TNK	193805.0S	1341054.1E
TENNANT CREEK	NDB	TNK	193839.4S	1341031.2E
TENNANT CREEK	VOR	TNK	193805.1S	1341055.0E
TINDAL	DME	ITN	143039.3S	1322157.6E
TINDAL	GP	ITN	143039.3S	1322157.5E
TINDAL	LOC	ITN	143159.0S	1322315.2E
TINDAL	TAC	TDL	143124.4S	1322222.8E
TINDAL	VOR	TN	143109.1S	1322215.6E
TOWNSVILLE	DME	ITL	191518.6S	1464552.3E
TOWNSVILLE	DME	TL	191439.1S	1464529.6E
TOWNSVILLE	GP	ITL	191518.7S	1464552.6E
TOWNSVILLE	LOC	ITL	191406.8S	1464632.2E
TOWNSVILLE	NDB	TVL	191449.0S	1464544.3E
TOWNSVILLE	TAC	TVL	191644.5S	1464433.4E
TOWNSVILLE	VOR	TL	191439.1S	1464529.1E
WAGGA WAGGA	DME	IWG	350942.7S	1472831.0E
WAGGA WAGGA	DME	WG	350956.6S	1472808.2E
WAGGA WAGGA	GP	IWG	350942.4S	1472830.9E
WAGGA WAGGA	LOC	IWG	351004.2S	1472730.1E
WAGGA WAGGA	NDB	WG	350946.9S	1472720.1E
WAGGA WAGGA	VOR	WG	350956.7S	1472808.7E
WALGETT	NDB	WLG	300138.2S	1480725.6E
WARBURTON	NDB	WBR	260741.4S	1263446.9E
WEIPA	DME	WP	124024.8S	1415521.4E
WEIPA	NDB	WP	123941.9S	1415355.7E
WEIPA	VOR	WP	124024.8S	1415520.9E
WEST MAITLAND	NDB	WMD	324518.2S	1513157.9E
WHYALLA	NDB	WHA	330329.2S	1373127.2E
WILLIAMTOWN	DME	IWM	324723.7S	1514926.4E
WILLIAMTOWN	GP	IWM	324723.7S	1514926.4E
WILLIAMTOWN	LOC	IWM	324823.1S	1515058.3E
WILLIAMTOWN	NDB	WLM	324812.1S	1514943.6E
WILLIAMTOWN	TAC	WLM	324749.7S	1514959.2E
WILUNA	NDB	WLU	263729.2S	1201312.0E
WINDORAH	NDB	WDH	252439.3S	1423947.5E
WOLLONGONG	NDB	WOL	343328.6S	1504727.6E
WOOMERA	NDB	WR	310836.5S	1364829.7E
WYNYARD	NDB	WYY	405952.7S	1454229.6E

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SECTION 22 – IFR WAYPOINTS

WAYPOINT	LOCATION	
AB2EA	355604.2S	1471333.3E
AB2EF	360250.8S	1470643.1E
AB2EH	360423.2S	1465431.6E
AB2EI	360102.9S	1471253.5E
AB2WF	360441.8S	1465203.3E
AB2WH	355330.1S	1470509.0E
AB2WI	360526.5S	1464604.5E
AB2WT	360307.6S	1470143.4E
ABARB	325106.4S	1545604.9E
ABASS	343500.2S	1505636.4E
ABBEY	342410.7S	1510541.2E
ABLOK	124304.4S	1432624.4E
ABTOD	325942.0S	1350800.0E
ABTOX	184712.9S	1471014.8E
ABVAS	225618.4S	1500156.1E
ABVOG	374021.3S	1443915.7E
ABVOM	292037.8S	1681033.0E
ABVUV	123100.0S	1292600.0E
ACKER	120116.1S	1321218.2E
ACOOL	300000.0S	1100000.0E
ACTIN	333013.3S	1380133.3E
AD010	350032.4S	1382231.6E
AD020	350225.5S	1382525.6E
AD030	350021.2S	1382653.6E
AD040	345140.9S	1383930.3E
AD050	345802.6S	1382433.5E
AD060	350302.7S	1382937.3E
ADBER	122111.0S	1305741.4E
ADBOK	341645.0S	1541523.0E
ADGAD	250000.0S	1525500.0E
ADGET	273025.1S	1531943.2E
ADKEX	294842.9S	1520657.5E
ADKIV	140154.8S	1322940.4E
ADKOP	234828.4S	1334839.3E
ADKUK	373306.0S	1451412.0E
ADKUL	092436.9S	1295619.5E
ADLAG	183839.6S	1463816.4E
ADLEK	355958.1S	1464858.8E
ADLIV	331913.0S	1534312.0E
ADLOB	204809.9S	1165255.5E
ADLOP	274144.6S	1530013.7E
ADLOS	232909.7S	1501942.4E
ADLOT	141000.0S	1231900.0E
ADLUR	233806.2S	1502756.8E
ADMAK	282037.6S	1535209.6E
ADMAR	301922.0S	1515442.7E
ADMOD	315030.0S	1510115.0E
ADNOD	190102.8S	1464748.5E
ADNUK	264005.0S	1534826.0E
ADPAV	340756.7S	1505344.9E
ADPOL	131944.7S	1250404.6E
ADPUG	334153.0S	1503959.3E
AE2EA	243610.9S	1185057.0E
AE2EB	244137.2S	1185300.4E
AE2EC	244514.7S	1184806.9E
AE2EF	243851.7S	1184227.1E
AE2EH	243647.2S	1183432.9E
AE2EI	244014.5S	1184743.7E
AE2WD	243846.4S	1182328.8E
AE2WE	243319.7S	1182126.7E
AE2WF	243606.7S	1183159.1E
AE2WG	242943.0S	1182620.5E
AE2WH	243810.8S	1183951.1E
AE2WI	243443.3S	1182642.8E
AG2ND	162409.0S	1282728.2E
AG2NE	162248.2S	1283316.3E
AG2NF	163208.8S	1282927.8E
AG2NG	162736.2S	1283634.1E
AG2NH	164045.3S	1282643.7E
AG2NI	162728.5S	1283122.0E
AG2NM	163649.2S	1282733.4E
AG2SA	165336.1S	1282945.9E
AG2SB	165621.1S	1282430.5E
AG2SC	165232.2S	1282001.7E
AG2SF	164622.5S	1282541.1E
AG2SH	163249.2S	1283205.0E
AG2SI	165121.8S	1282505.8E
AG2SM	163923.5S	1282630.5E
AG2ST	163501.4S	1282701.3E
AGAGO	281312.7S	1364538.7E
AGELU	314953.9S	1154323.6E
AGETA	300143.1S	1480742.3E
AGETI	262011.4S	1524340.3E
AGIGA	122403.6S	1313241.4E
AGIVA	272713.2S	1515559.9E
AGONI	274332.4S	1523433.6E
AGPOK	192300.0S	1464900.0E
AGPUD	263009.5S	1310748.5E
AGRAB	310000.0S	1523724.0E
AGRAX	224017.4S	1415029.6E
AGREK	270120.1S	1211921.5E
AGROS	342459.5S	1375336.0E
AGSAL	263430.0S	1531346.8E
AGSAX	345558.1S	1381840.5E
AGSEL	195528.5S	1094100.9E
AGSIR	191209.0S	1464715.4E
AGSUL	345254.6S	1504948.4E
AGTEK	280901.3S	1533826.0E
AGTEV	373149.3S	1445733.9E
AGTOD	325511.0S	1194521.7E
AGTOR	304713.6S	1490740.7E
AGUST	133743.2S	1311215.0E
AGVAL	122700.0S	1340600.0E
AGVID	333622.0S	1505603.0E
AGVIT	191109.1S	1464922.5E
AGVUB	325018.1S	1495535.6E
AHOSK	404158.0S	1461236.6E
AIDEN	235558.5S	1335119.5E
AKALU	342230.5S	1550950.1E
AKBOT	333134.0S	1502847.2E
AKBUG	185707.6S	1462625.5E
AKDAV	330146.5S	1361212.9E
AKDEL	375003.6S	1445207.8E
AKERO	264226.7S	1532138.2E
AKINU	204151.7S	1430636.2E
AKISO	271415.4S	1401106.5E
AKLAB	400000.1S	1453045.6E
AKLIM	351058.3S	1494739.6E
AKLOL	325337.9S	1520730.9E
AKMER	312530.6S	1155905.4E
AKMIR	341042.8S	1500624.3E
AKNEV	331408.6S	1491405.8E
AKNOK	341135.9S	1415249.4E
AKNON	273827.0S	1524243.0E
AKNUD	122425.5S	1312026.2E
AKNUM	353354.6S	1424716.5E
AKOBA	264215.0S	1530344.0E
AKOGA	335931.0S	1501457.4E
AKOGI	205848.9S	1152358.5E
AKOGU	163633.8S	1453321.6E
AKPAL	322224.1S	1491046.7E
AKPOM	324807.3S	1494026.7E
AKROM	182113.7S	1464801.0E
AKROT	284450.4S	1525901.6E
AKRUM	171400.9S	1192059.8E
AKRUN	334236.0S	1250000.0E
AKRUS	324805.2S	1515951.2E
AKSID	374552.9S	1450540.9E
AKSIK	273430.9S	1524105.9E
AKSOS	330506.1S	1164658.5E
AKTAM	394214.6S	1461429.2E
AKTEG	330210.8S	1510028.8E
AKTOB	273401.7S	1530004.7E
AKTUX	290241.2S	1531604.2E
AKUKO	090030.0S	1022106.0E
AKUMI	251414.1S	1471922.1E
AKUVO	204316.0S	1152403.6E
AKVEM	273233.5S	1512812.1E
AKVIN	375546.4S	1470052.6E
AKVOG	281256.2S	1533218.0E
AL2ED	350034.8S	1180015.5E
AL2EE	350614.7S	1180018.3E
AL2EF	350036.9S	1175322.3E
AL2EG	350616.8S	1175324.7E
AL2EH	345458.6S	1174627.3E
AL2EI	350325.8S	1175650.2E
AL2WA	345102.0S	1173324.4E
AL2WB	344522.0S	1173433.1E
AL2WC	344418.7S	1174123.7E
AL2WF	345222.8S	1174313.4E
AL2WH	345831.2S	1175048.0E
AL2WI	344852.4S	1173853.2E
ALAKU	210016.2S	1201613.7E
ALALI	324749.7S	1514959.2E
ALASU	330000.0S	1440000.0E
ALAXO	375024.0S	1435842.0E
ALAXU	251308.0S	1493049.2E
ALBEE	192241.8S	1460822.3E
ALBIX	333254.0S	1280000.0E
ALBUB	272456.1S	1525400.2E
ALBUT	354116.9S	1392052.6E
ALBUX	200116.3S	1481254.9E
ALDAR	293548.0S	1521040.9E
ALDAT	345631.8S	1381331.8E
ALDEL	252843.0S	1180931.6E
ALDIM	234441.7S	1334720.1E
ALDOP	350345.4S	1492256.7E
ALEGO	103824.0S	1250800.0E
ALIRA	180345.6S	1234845.9E
ALLEE	130150.0S	1312934.0E
ALLOC	335436.3S	1524212.6E
ALONE	270600.0S	1495330.0E
ALPAL	391606.4S	1441639.6E
ALTIR	323936.0S	1403012.0E
ALTRO	330958.1S	1402035.4E
ALULU	211426.7S	1172050.9E
ALVES	020000.0S	0860000.0E
ALWYN	315122.0S	1160730.8E
AM2ND	272439.1S	1524227.9E
AM2NE	272316.9S	1523612.4E
AM2NF	273237.8S	1524016.6E
AM2NG	272803.7S	1523237.2E
AM2NH	274355.1S	1524512.5E
AM2NI	272757.4S	1523814.4E
AM2SF	274445.5S	1524400.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
AM2SH	273506.1S	1524121.3E	APIMA	203655.3S	1160438.5E	AS476	233859.0S	1340907.3E
AM2SI	274837.8S	1524429.3E	APISO	120000.0S	1473623.8E	AS484	235319.8S	1341651.4E
AM2SK	275144.2S	1524452.3E	APOKI	342648.7S	1383944.7E	AS488	234834.3S	1342544.8E
AM2SL	275057.2S	1523911.3E	APOMA	295352.7S	1424053.5E	AS492	234953.0S	1342851.7E
AM2SM	273946.5S	1524323.8E	APOVU	020000.0S	0820000.0E	AS496	235930.4S	1344636.3E
AM2WF	274136.0S	1523753.8E	APUKA	120000.0S	1445739.6E	AS500	235616.9S	1340015.6E
AM2WH	272758.9S	1524150.8E	APUKU	271201.2S	1530305.2E	AS504	240023.3S	1340041.7E
AM2WI	274431.2S	1523319.0E	APUSS	193307.4S	1430107.6E	AS508	235856.7S	1335213.7E
AM2WJ	274726.3S	1522844.0E	ARALO	290854.0S	1150136.0E	AS512	240646.4S	1340025.1E
AM2WN	274140.8S	1522839.8E	ARANA	301306.0S	1394118.0E	AS514	235541.7S	1334629.5E
AMANA	314527.8S	1163743.0E	ARBEY	371006.0S	1444354.0E	AS532	234528.2S	1340600.5E
AMBLE	271736.0S	1530542.0E	ARCHA	291229.5S	1680740.9E	AS534	233837.9S	1340947.0E
AMELI	375421.3S	1471404.1E	ARENI	265550.2S	1323557.0E	AS540	234305.4S	1340501.5E
AMITY	272541.8S	1533025.8E	AREPA	343427.7S	1375111.0E	AS544	232408.3S	1335023.0E
AMOCO	240000.0S	1521230.0E	AREST	321104.3S	1455147.2E	AS546	231746.7S	1334734.3E
AMSTA	291207.4S	1675623.4E	AREXO	373215.6S	1445211.6E	AS552	240139.6S	1345218.4E
AMVOB	334345.1S	1153910.0E	ARMEA	302110.2S	1514624.5E	AS604	234708.6S	1335153.5E
AN2NE	230135.6S	1185724.8E	ARMEB	302326.4S	1515230.1E	AS612	234531.8S	1334853.6E
AN2NF	230406.3S	1184654.9E	ARMEC	302910.9S	1515207.7E	AS620	234347.9S	1334540.4E
AN2NG	230659.1S	1185514.2E	ARMEF	302842.8S	1514239.7E	AS624	234410.3S	1335303.2E
AN2NH	231025.7S	1183956.7E	ARMEI	302604.7S	1514735.0E	AS632	234241.5S	1340202.2E
AN2NI	230251.1S	1185209.9E	ARMEM	303120.7S	1513744.3E	AS640	233529.1S	1334447.0E
AN2NM	230737.1S	1184302.6E	ARMET	303331.8S	1513521.0E	AS650	235013.4S	1334815.9E
AN2SA	231925.5S	1183156.2E	ARMWD	304216.0S	1512733.9E	AS652	232804.3S	1334714.4E
AN2SB	231656.0S	1182619.2E	ARMWE	303958.3S	1512127.5E	AS656	234934.4S	1334844.7E
AN2SF	231200.8S	1183547.0E	ARMWF	303444.4S	1513120.7E	AS664	234450.9S	1335733.0E
AN2SH	230734.7S	1184417.5E	ARMWG	303414.3S	1512152.1E	AS680	234436.8S	1340213.2E
AN2SI	231428.5S	1183103.2E	ARMWH	302922.7S	1513925.2E	AS688	234511.8S	1340714.2E
AN2SM	230903.5S	1184127.4E	ARMWI	303721.4S	1512624.2E	AS708	234733.3S	1335239.5E
ANBAN	311948.1S	1491614.4E	ARMWM	303207.2S	1513616.9E	AS716	234909.0S	1334833.1E
ANBEL	372431.4S	1450703.4E	ARNTU	253805.0S	1484937.8E	AS720	235924.3S	1334546.7E
ANBEM	373121.5S	1444838.1E	AROBI	315327.4S	1154113.9E	AS724	240603.3S	1334849.9E
ANDAB	171531.0S	1324452.0E	AROLI	290702.8S	1463702.6E	AS728	241208.7S	1340012.1E
ANDEE	161058.3S	1431407.7E	ARONO	114822.0S	1295945.0E	AS752	235115.4S	1335933.1E
ANDOP	162826.8S	1445806.9E	ARONU	274031.0S	1531549.0E	AS764	234628.3S	1340743.8E
ANGAS	250758.5S	1322622.2E	AROXO	132810.7S	1390340.3E	AS768	240734.2S	1335600.5E
ANGAV	350008.0S	1382104.0E	ARRAN	355015.2S	1473821.8E	AS772	234312.4S	1340557.8E
ANGED	133555.8S	1314325.8E	ARUMI	343539.5S	1172256.0E	AS780	233009.2S	1335023.3E
ANGEX	374741.8S	1460527.6E	ARUPU	121338.7S	1303704.9E	AS784	232316.7S	1334554.0E
ANGIB	350616.2S	1473614.1E	ARUTA	253230.0S	1470948.0E	AS788	233650.6S	1341311.3E
ANGIT	203625.8S	1490706.3E	AS2EA	234947.6S	1341104.7E	ASEBI	284143.2S	1175205.9E
ANIRA	610000.0S	1330000.0E	AS2EB	235648.4S	1340955.5E	ASEBU	200750.4S	1214903.4E
ANIRI	271749.3S	1533508.4E	AS2EC	240111.7S	1340350.7E	ASIKU	175215.4S	1221617.7E
ANITA	323823.6S	1354438.7E	AS2EF	235145.6S	1340029.6E	ASILI	340006.8S	1375249.9E
ANJJO	125611.3S	1253732.6E	AS2EI	235417.1S	1340512.5E	ASINO	175651.3S	1221507.2E
ANKED	272543.0S	1524604.0E	AS2ET	234712.6S	1335200.9E	ASUBO	252348.0S	1375900.0E
ANKEL	275901.1S	1182712.5E	AS2WD	234330.5S	1333648.0E	ASUKI	374357.2S	1445059.0E
ANKUB	335911.9S	1505835.4E	AS2WE	233957.5S	1333832.7E	ASUMU	343738.5S	1480149.9E
ANLAR	150006.0S	1400000.0E	AS2WF	234501.6S	1334757.1E	ASUVA	330414.0S	1521226.0E
ANLID	360704.0S	1480633.0E	AS2WG	233535.0S	1334436.3E	ASWAN	353106.0S	1432024.0E
ANNKY	341401.6S	1494845.9E	AS2WH	234919.5S	1335557.3E	AT2NA	170705.0S	1452159.9E
ANONA	125044.9S	1303759.5E	AS2WI	234229.6S	1334314.7E	AT2NC	170302.1S	1452417.2E
ANOSO	382609.2S	1470942.1E	AS400	234803.7S	1335336.0E	AT2ND	170343.0S	1452901.4E
ANPEN	335521.4S	1502916.4E	AS402	234843.7S	1335450.4E	AT2NF	171013.5S	1452800.7E
ANPUT	344336.2S	1384147.3E	AS404	234900.2S	1334857.6E	AT2NH	171657.8S	1453130.6E
ANREP	353424.1S	1490553.1E	AS406	234927.2S	1334856.7E	AT2NI	170637.8S	1452608.9E
ANROM	294733.6S	1470618.9E	AS412	235608.5S	1335608.5E	AT2NM	171416.1S	1453006.6E
ANRUB	195921.5S	1464217.4E	AS414	235310.2S	1340105.6E	ATADO	280000.0S	1543000.0E
ANSEP	314531.6S	1161215.5E	AS416	235405.5S	1335909.5E	ATATA	214032.7S	1213538.0E
ANSIP	295318.0S	1370206.0E	AS420	235231.2S	1335417.7E	ATGOD	351041.4S	1500202.1E
ANSOR	274814.1S	1525155.1E	AS424	235721.7S	1335848.4E	ATHEL	345600.0S	1384454.0E
ANTLA	400000.1S	1471116.0E	AS428	235612.9S	1340404.0E	ATIBO	374319.8S	1451300.6E
ANUGO	360311.3S	1470402.2E	AS440	235315.0S	1341456.0E	ATIGU	422621.3S	1474118.1E
ANUPA	113051.6S	1295424.7E	AS444	234650.9S	1340711.9E	ATIRU	332856.6S	1511031.7E
ANUXU	304751.9S	1390541.3E	AS448	235116.5S	1341430.9E	ATIVA	332233.1S	1154038.3E
ANVAC	350920.7S	1382712.8E	AS452	235509.2S	1340650.2E	ATKEN	281651.5S	1533941.9E
ANZAC	224446.7S	1354925.7E	AS456	234324.6S	1335038.0E	ATKOM	411913.6S	1464443.3E
APAGI	285056.0S	1523507.1E	AS462	233814.8S	1335105.5E	ATLIB	290726.5S	1392914.1E
APAGU	162120.0S	1455002.1E	AS466	234034.3S	1335044.3E	ATLID	274611.8S	1524821.7E
APIGA	373551.1S	1451507.9E	AS472	235055.3S	1334739.5E	ATLOD	233000.0S	1135342.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
ATLOR	322959.0S	1513546.2E	AVKIR	334056.0S	1534744.0E	BARSC	234236.7S	1451106.6E
ATMAL	120000.0S	1073530.0E	AVKOG	353519.2S	1441051.1E	BARSF	233830.4S	1451641.1E
ATMAP	120000.0S	1181518.0E	AVKUT	325256.1S	1512308.8E	BARSH	233146.0S	1451849.8E
ATMUT	305154.9S	1524030.7E	AVLAN	260524.0S	1524400.0E	BARSI	234221.4S	1451527.6E
ATNAR	344402.4S	1373902.7E	AVLUS	203954.1S	1414327.4E	BARSM	233439.3S	1451754.7E
ATNAT	335409.5S	1543011.6E	AVMAN	103558.0S	1290920.0E	BARTA	274428.0S	1500718.0E
ATNOL	373903.4S	1443920.1E	AVMAS	275238.7S	1173204.4E	BARTN	350335.1S	1490353.6E
ATOKU	375814.0S	1445340.0E	AVMAT	190530.0S	1464452.0E	BASOB	231234.2S	1501828.0E
ATOSU	163659.0S	1454311.7E	AVMEK	305837.0S	1141542.0E	BATEN	350034.0S	1382634.0E
ATOTU	142340.2S	1321548.8E	AVMEL	373342.7S	1444904.4E	BATIR	200646.6S	1464919.0E
ATPAR	232043.4S	1184133.6E	AVMON	253003.8S	1322405.3E	BAVAM	212338.5S	1492000.2E
ATPER	373247.7S	1452717.9E	AVMOV	334210.8S	1511837.9E	BAVEX	141000.0S	1231400.0E
ATPIP	352712.5S	1385506.7E	AVMUN	270059.5S	1541722.5E	BAVOB	334732.9S	1503943.4E
ATRAX	270604.8S	1531326.5E	AVNAS	400000.7S	1455300.1E	BAVOT	180708.1S	1225440.6E
ATRET	340328.7S	1511217.9E	AVNEX	304844.7S	1155137.6E	BAVUR	424854.0S	1474309.0E
ATRIR	334745.2S	1503916.7E	AVNIB	323244.9S	1545503.2E	BAXIB	122015.0S	1311039.3E
ATROP	265542.1S	1535606.2E	AVNOL	084927.5S	1315143.0E	BAXMN	253446.4S	1183427.7E
ATSEP	271627.6S	1531858.2E	AVNOV	233000.0S	1160018.7E	BAZZA	284458.0S	1464126.3E
ATSIN	255742.0S	1443400.0E	AVPAL	303312.5S	1163754.4E	BB2EA	312237.9S	1493054.1E
ATSUG	324517.6S	1513043.5E	AVPAS	323134.6S	1374204.0E	BB2EB	312822.1S	1493109.5E
ATVAV	311238.3S	1503842.6E	AVPES	315457.7S	1152436.2E	BB2EC	313032.4S	1492456.4E
ATVIL	262536.0S	1510943.0E	AVPIP	260548.5S	1325640.6E	BB2EF	312256.4S	1492120.1E
ATVON	271157.6S	1523702.3E	AVPIS	275012.0S	1533444.0E	BB2EH	311617.5S	1492444.1E
AU2SA	133119.6S	1415156.8E	AVPIX	373835.7S	1443143.6E	BB2EI	312539.4S	1492614.7E
AU2SB	133600.8S	1414831.3E	AY2EA	251535.0S	1311241.5E	BB2EM	312013.2S	1491625.8E
AU2SC	133428.0S	1414251.0E	AY2EB	252118.9S	1311212.0E	BB2WD	311639.5S	1485955.9E
AU2SF	132632.4S	1414506.5E	AY2EC	252251.5S	1310605.7E	BB2WE	311054.8S	1485941.4E
AU2SH	131857.8S	1414222.8E	AY2EF	251456.6S	1310340.8E	BB2WF	311621.5S	1490928.9E
AU2SI	133116.6S	1414648.9E	AY2EH	250950.3S	1305652.4E	BB2WG	310845.1S	1490553.1E
AU2SM	132148.3S	1414324.2E	AY2EI	251807.8S	1310756.3E	BB2WH	312148.2S	1491917.0E
AUDRA	400000.0S	1450942.0E	AY2WD	250639.9S	1304431.6E	BB2WI	311338.2S	1490435.1E
AUSGA	150232.1S	1151126.0E	AY2WE	250055.8S	1304502.0E	BB2WM	311937.6S	1491521.6E
AV2ND	375106.1S	1443742.7E	AY2WF	250719.3S	1305331.4E	BBNNE	270819.6S	1531608.2E
AV2NE	374714.7S	1443034.9E	AY2WG	245924.0S	1305107.2E	BBNSD	273833.8S	1530429.3E
AV2NF	375640.4S	1442900.0E	AY2WH	251225.7S	1310019.5E	BBZNH	272329.0S	1530607.4E
AV2NH	380337.2S	1442749.9E	AY2WI	250407.6S	1304916.6E	BBZSH	272118.8S	1530721.8E
AV2NI	375230.4S	1442942.0E	AZZAR	313845.0S	1154328.0E	BDBNA	244624.8S	1520748.1E
AV2SA	381109.8S	1442220.9E	BAABA	272628.6S	1531322.6E	BDBNC	244106.6S	1521014.6E
AV2SB	381305.5S	1442613.8E	BADGR	374306.0S	1452800.0E	BDBND	244123.3S	1521632.0E
AV2SC	381202.0S	1443037.2E	BAFEA	273306.9S	1531319.3E	BDBNF	244935.8S	1521606.1E
AV2SF	380714.2S	1442713.2E	BAFEB	273836.4S	1531514.4E	BDBNH	245622.9S	1522047.8E
AV2SH	380117.0S	1442813.5E	BAFEC	274205.4S	1531006.0E	BDBNI	244521.2S	1521310.2E
AV2SI	380948.9S	1442647.1E	BAFEF	273551.6S	1530535.3E	BDBSE	250209.8S	1523055.7E
AV618	380751.8S	1442806.3E	BAFEH	273324.9S	1525700.9E	BDBSF	245859.7S	1522236.5E
AV620	380830.8S	1442926.7E	BAFEI	273704.8S	1530952.7E	BDBSG	250728.4S	1522829.6E
AV622	380805.4S	1443204.3E	BAFEM	273438.3S	1530118.1E	BDBSH	245212.6S	1521754.5E
AV626	380659.7S	1443321.6E	BAFWD	273533.4S	1525038.7E	BDBSI	250314.1S	1522532.9E
AV630	380440.3S	1443430.0E	BAFWE	273109.6S	1524907.2E	BDBSJ	250712.2S	1522210.8E
AV638	375444.2S	1443115.2E	BAFWF	273318.4S	1525637.1E	BDVNA	254524.9S	1390912.2E
AVBAD	320140.8S	1155622.1E	BAFWG	272649.0S	1525051.3E	BDVNC	254009.0S	1391146.2E
AVBAK	284327.3S	1533841.7E	BAFWH	273934.1S	1530602.3E	BDVND	254031.9S	1391806.1E
AVBEG	344942.2S	1490231.7E	BAFWI	273223.2S	1525324.3E	BDVNF	254843.9S	1391730.2E
AVBID	320623.7S	1502015.8E	BAFWT	273450.1S	1530158.6E	BDVNH	255535.7S	1392205.9E
AVBOS	292415.2S	1500137.2E	BAHBA	314845.8S	1161959.8E	BDVNI	254426.5S	1391438.1E
AVBUR	350235.5S	1494356.3E	BAISH	235421.5S	1342435.1E	BDVSE	260144.8S	1393219.7E
AVDAM	345055.0S	1383001.4E	BAMIL	320532.1S	1161244.2E	BDVSF	255826.2S	1392400.3E
AVDAN	160658.6S	1451937.7E	BANDA	304759.3S	1523423.4E	BDVSG	260700.6S	1392946.0E
AVDED	322313.7S	1515535.0E	BANKS	250112.0S	1164630.0E	BDVSH	255134.5S	1391924.3E
AVDEN	345837.8S	1402057.2E	BARIA	171248.0S	1462148.0E	BDVSI	260243.5S	1392653.0E
AVDIS	292118.9S	1150645.6E	BARND	232052.8S	1451658.1E	BDVSJ	260638.0S	1392324.2E
AVDOT	263631.0S	1441527.0E	BARNE	231902.4S	1452252.4E	BEADS	313614.0S	1535936.3E
AVGEK	294350.9S	1494932.6E	BARNF	232840.1S	1451948.9E	BEBAP	171738.2S	1220445.0E
AVGEM	152125.4S	1225519.5E	BARNG	232332.0S	1452646.1E	BEBEK	422807.6S	1472951.7E
AVGIK	312644.1S	1164431.3E	BARNH	233720.0S	1451703.5E	BEBEN	131925.3S	1315500.1E
AVGOP	323953.4S	1520712.1E	BARNI	232351.3S	1452120.6E	BEBIM	103840.0S	0935007.5E
AVGUM	413800.0S	1504800.0E	BARNM	233329.0S	1451817.0E	BEBOG	033307.6S	0792559.4E
AVGUS	285900.3S	1532920.0E	BARNY	125002.1S	1302201.6E	BEBUD	193848.7S	1465239.3E
AVKAN	270200.0S	1154124.0E	BAROW	205150.2S	1152441.4E	BEBUG	130000.0S	1150848.1E
AVKAP	351500.0S	1494002.0E	BARSA	234444.1S	1451858.3E	BEBUX	145547.9S	1324038.1E
AVKIK	210025.9S	1484642.7E	BARSB	234612.5S	1451414.0E	BEDAT	273327.7S	1531247.7E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
BEDUG	113453.2S	1315752.1E	BH2WH	315900.4S	1413018.7E	BKEWF	300507.4S	1455049.1E
BEERN	271713.5S	1531406.4E	BH2WI	320618.6S	1411738.8E	BKEWH	300126.2S	1455900.3E
BEETI	280312.0S	1470518.0E	BH2WM	320041.6S	1412723.5E	BKEWI	300725.4S	1454541.9E
BEGMI	095000.0S	1402436.0E	BIARO	304641.5S	1502628.6E	BKZND	173251.2S	1393654.0E
BEGVA	315955.7S	1160609.8E	BIBGA	192204.3S	1084017.2E	BKZNE	173332.4S	1394251.6E
BEKAG	273657.0S	1531042.7E	BIBRA	320633.2S	1154834.3E	BKZNF	174101.1S	1393552.4E
BEKED	205637.7S	1152146.2E	BIBRU	352755.6S	1492005.8E	BKZNG	173908.8S	1394413.7E
BEKID	270910.7S	1530113.5E	BIBVO	425933.9S	1474316.1E	BKZNH	174744.7S	1392934.7E
BEKIG	315033.0S	1134516.0E	BICKL	263927.3S	1531550.1E	BKZNI	173716.8S	1393922.1E
BEKIK	290609.8S	1674538.6E	BIDAP	242404.6S	1231444.3E	BKZSA	175712.6S	1392719.5E
BELBI	250047.6S	1200023.0E	BIDGI	353148.0S	1490842.0E	BKZSB	175630.9S	1392121.2E
BELEL	262803.8S	1175928.9E	BIDGU	265100.0S	1485400.0E	BKZSC	175054.3S	1391959.7E
BELKI	114112.5S	1282800.4E	BIDKI	261427.0S	1525715.8E	BKZSF	174902.7S	1392821.6E
BELTA	372743.9S	1444753.6E	BIENA	241256.4S	1391539.0E	BKZSH	174219.1S	1393439.4E
BELUL	242534.5S	1452609.1E	BIENC	240734.0S	1391754.0E	BKZSI	175246.8S	1392451.5E
BELUN	122907.7S	1304525.2E	BIEND	240739.9S	1392410.0E	BL2ND	200135.1S	1274721.6E
BEMAN	272357.9S	1533329.4E	BIENF	241553.0S	1392400.9E	BL2NE	195614.3S	1274937.0E
BEMGI	360512.5S	1471619.6E	BIENH	242232.1S	1392855.0E	BL2NF	200437.9S	1275526.5E
BEMPI	324017.0S	1194744.2E	BIENI	241143.5S	1392057.4E	BL2NG	195624.7S	1275542.2E
BEMVU	195218.0S	1130624.0E	BIENM	242002.5S	1392704.7E	BL2NH	201211.1S	1280041.3E
BENBU	331148.0S	1495854.0E	BIESE	242825.3S	1393928.8E	BL2NI	200026.1S	1275231.7E
BENDO	351436.2S	1393036.5E	BIESF	242529.1S	1393105.6E	BL2SA	201658.4S	1281000.1E
BENJI	164606.0S	1454512.0E	BIESG	243347.6S	1393714.2E	BL2SB	202219.4S	1280744.9E
BENKI	140000.0S	1470024.0E	BIESH	241850.1S	1392611.3E	BL2SC	202209.2S	1280138.7E
BENTA	143518.0S	1443706.0E	BIESI	242938.4S	1393409.8E	BL2SF	201356.1S	1280154.3E
BENVO	313002.0S	1545916.7E	BIESJ	243341.9S	1393056.6E	BL2SH	200713.3S	1275714.4E
BEPKA	341113.7S	1391847.9E	BIESM	242119.7S	1392801.6E	BL2SI	201807.7S	1280449.5E
BEPKI	285318.9S	1183054.1E	BIGEM	341052.2S	1503909.6E	BL2SM	200944.3S	1275859.3E
BEPKU	174607.5S	1425549.5E	BIGIX	273816.2S	1522927.1E	BLAED	362923.1S	1461622.5E
BEPNA	264325.7S	1502557.5E	BIGUP	185531.6S	1231946.7E	BLAEE	363419.0S	1462000.1E
BEPSO	364824.0S	1493958.0E	BIKEP	270919.1S	1511602.3E	BLAEF	363333.9S	1460737.4E
BERBU	224736.5S	1335705.8E	BIKER	204355.6S	1361402.2E	BLAEG	363846.0S	1461528.8E
BERNI	285018.1S	1532754.8E	BIKUS	340020.3S	1514645.5E	BLAEH	363247.6S	1455514.9E
BEROW	333647.8S	1510658.4E	BILBI	271038.1S	1525913.2E	BLAEI	363356.6S	1461348.7E
BERSI	163755.3S	1455222.4E	BILBY	304230.5S	1545234.0E	BLAEM	363310.9S	1460126.1E
BERTI	274654.0S	1531112.0E	BILER	185355.4S	1463835.7E	BLAKA	281200.0S	1531318.0E
BERVU	345718.2S	1440923.8E	BIMAV	232812.0S	1492542.0E	BM2EA	370632.0S	1473739.0E
BESBO	254440.1S	1512929.5E	BIMBY	294650.6S	1181427.1E	BM2EB	371216.0S	1473751.1E
BESRO	351408.9S	1492446.0E	BIMOP	345916.9S	1381754.5E	BM2EC	371422.9S	1473109.9E
BETNI	273058.9S	1525502.6E	BIMUS	425232.5S	1473938.3E	BM2EF	370645.4S	1472724.4E
BETSO	270938.2S	1531523.2E	BINAG	290518.4S	1481025.2E	BM2EH	371243.7S	1472130.5E
BEVSO	341850.5S	1391058.6E	BINOG	132000.0S	1184000.0E	BM2EI	370930.8S	1473237.6E
BEYNO	140810.2S	1330910.0E	BINOX	315757.7S	1153122.9E	BM2EM	370346.7S	1472147.1E
BEZZA	305130.0S	1314830.0E	BINUN	184800.7S	1463338.3E	BMKNA	210208.8S	1485933.7E
BF2WF	194041.1S	1461204.2E	BINUP	272057.0S	1524407.0E	BMKNF	210519.4S	1490738.3E
BF2WI	194203.5S	1460658.4E	BIPAP	332807.0S	1510910.6E	BMKNH	211206.5S	1491212.6E
BF2WM	193918.5S	1461709.9E	BIPUD	272245.4S	1530038.0E	BMKNI	210104.9S	1490447.0E
BF2WN	193759.4S	1460352.3E	BIRER	320417.9S	1182342.3E	BMKNM	210933.8S	1491029.6E
BF2WO	194325.8S	1460152.5E	BISAB	320757.7S	1551238.2E	BMKSF	211510.0S	1491416.4E
BF2WP	194703.9S	1460635.4E	BISEK	274022.3S	1530234.5E	BMKSI	211924.3S	1491708.2E
BG2EC	222629.1S	1172955.6E	BITAP	314712.8S	1150742.8E	BMKSJ	212322.6S	1491351.9E
BG2ED	223552.3S	1173052.9E	BITAS	201016.3S	1475434.3E	BMKSM	211055.7S	1491124.9E
BG2EF	223147.2S	1172327.0E	BITUL	292732.3S	1475906.2E	BMKST	210732.8S	1490908.1E
BG2EI	223120.4S	1172833.8E	BITUM	320706.0S	1155448.0E	BN400	271319.3S	1530923.0E
BG2ET	223237.5S	1171348.3E	BIVAS	261331.0S	1382323.7E	BN405	271552.6S	1531521.5E
BG2WB	222858.2S	1170118.1E	BIVAT	273231.4S	1515443.1E	BN410	271641.9S	1531043.8E
BG2WF	223257.0S	1171001.8E	BIVED	425520.0S	1474327.0E	BN411	271551.6S	1530952.3E
BG2WI	223330.3S	1170336.8E	BIVIT	284834.0S	1533908.3E	BN415	271824.0S	1531053.7E
BG2WT	223156.0S	1172145.6E	BIXAD	264127.6S	1531446.5E	BN420	271830.6S	1531019.6E
BH2EA	314908.6S	1413732.1E	BIXAV	354022.7S	1484851.4E	BN421	271722.3S	1530937.0E
BH2EB	315111.4S	1414349.6E	BIXAX	191123.4S	1465546.1E	BN425	271931.5S	1530944.8E
BH2EC	315656.2S	1414343.7E	BKEED	295231.6S	1460658.7E	BN430	272501.5S	1530433.8E
BH2EF	315648.9S	1413406.2E	BKEEE	295511.0S	1461249.4E	BN435	272635.7S	1530622.8E
BH2EH	320118.8S	1412619.1E	BKEEF	295948.5S	1460236.6E	BN440	272942.7S	1525626.7E
BH2EI	315400.1S	1413858.0E	BKEEG	300053.3S	1461157.5E	BN445	273512.7S	1530652.7E
BH2EM	315937.6S	1412914.3E	BKEEH	300329.9S	1455425.7E	BN450	272042.2S	1531444.6E
BH2WD	321110.1S	1411905.0E	BKEEI	295729.8S	1460743.1E	BN451	271909.1S	1531123.3E
BH2WE	320907.1S	1411246.2E	BKEWA	301223.7S	1454626.4E	BN452	272038.8S	1530906.4E
BH2WF	320330.1S	1412231.2E	BKEWB	300943.3S	1454034.3E	BN499	272217.5S	1530810.1E
BH2WG	320322.3S	1411252.8E	BKEWC	300401.8S	1454127.4E	BN500	272753.8S	1525847.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
BN505	272540.0S	1530203.2E	BOUNE	224113.9S	1394529.9E	BSZSM	263646.4S	1530559.9E
BN510	272802.2S	1530132.6E	BOUNF	224953.3S	1395058.0E	BT2ND	371806.9S	1434407.1E
BN515	272546.7S	1530610.3E	BOUNG	224141.6S	1395140.7E	BT2NE	371534.7S	1435033.7E
BN520	272636.6S	1530420.0E	BOUNH	225648.8S	1395521.0E	BT2NF	372528.1S	1434839.2E
BN525	273057.2S	1530749.6E	BOUNI	224533.6S	1394813.9E	BT2NG	371932.7S	1435545.2E
BN530	271947.4S	1530743.7E	BOUNM	225413.0S	1395342.3E	BT2NI	372031.4S	1434936.5E
BN535	272924.2S	1530628.8E	BOUSA	230301.6S	1400511.9E	BT2SA	374340.3S	1435106.4E
BN540	270953.4S	1530709.3E	BOUSB	230815.5S	1400236.9E	BT2SC	374213.8S	1433924.6E
BN545	272553.1S	1530606.6E	BOUSC	230747.9S	1395624.6E	BT2SF	373619.1S	1434633.0E
BN555	272108.8S	1530919.6E	BOUSF	225936.4S	1395707.3E	BT2SI	374115.7S	1434535.2E
BN565	271613.0S	1531749.7E	BOUSH	225241.0S	1395244.1E	BTHNA	331222.9S	1493230.4E
BNENH	272433.9S	1530652.0E	BOUSI	230356.0S	1395952.0E	BTHNC	331145.4S	1494340.8E
BNENT	272254.5S	1530748.8E	BOUSM	225516.8S	1395422.8E	BTHND	330846.9S	1493750.1E
BNENZ	272228.8S	1530803.5E	BOVPU	350327.4S	1382221.4E	BTHNF	331846.7S	1493837.5E
BNESH	272218.2S	1530809.5E	BOYDI	184744.3S	1323118.5E	BTHNH	332646.6S	1493915.6E
BNEST	272343.4S	1530720.8E	BOYSE	371809.2S	1454010.1E	BTHNI	331346.8S	1493813.8E
BNESZ	272410.1S	1530705.6E	BOYSY	332404.6S	1503259.6E	BTHSE	333621.4S	1494539.6E
BO2SA	195838.0S	1501950.8E	BP2NA	285308.9S	1344846.6E	BTHSF	332958.2S	1493930.6E
BO2SB	195925.1S	1501223.1E	BP2NC	285415.5S	1345351.0E	BTHSG	333957.6S	1494018.6E
BO2SC	195221.9S	1501133.4E	BP2ND	285850.0S	1345424.1E	BTHSH	332158.1S	1493852.7E
BO2SF	195134.8S	1501900.8E	BP2NF	285931.4S	1344658.2E	BTHSI	333457.6S	1493954.6E
BO2SH	194757.9S	1502527.0E	BP2NH	285550.8S	1343904.0E	BTHSJ	333658.8S	1493425.8E
BO2SI	195530.0S	1501542.0E	BP2NI	285653.5S	1345024.7E	BUDGI	234615.8S	1503016.9E
BO2SM	194357.0S	1502527.0E	BP2SE	291036.6S	1343858.6E	BUDLO	184705.8S	1213926.3E
BOBEB	170642.0S	1442324.0E	BP2SF	290437.9S	1344016.6E	BUDMA	315307.2S	1153127.8E
BOBED	271552.0S	1531245.0E	BP2SG	290929.4S	1343353.5E	BUGBA	434856.0S	1630000.0E
BOBEL	373400.6S	1445452.1E	BP2SH	290041.3S	1344526.7E	BUGNI	335608.4S	1471124.3E
BOBIG	340609.6S	1511341.2E	BP2SI	290651.9S	1343720.7E	BUGNU	265112.5S	1531038.2E
BOBOP	285553.9S	1514050.3E	BP2SJ	290350.0S	1343421.3E	BUGSO	271700.0S	1532228.5E
BOBUS	265028.4S	1141047.9E	BRAKI	345724.8S	1385646.5E	BUGSU	344748.6S	1382312.8E
BOCKY	345501.5S	1382132.3E	BRAND	180102.9S	1220538.1E	BUGTI	285200.0S	1533000.0E
BODAP	173240.7S	1461345.0E	BRKNC	230743.9S	1502149.7E	BUIYA	260000.0S	1100000.0E
BODAS	235856.3S	1334157.4E	BRKNF	231700.6S	1502556.8E	BUKBU	270136.5S	1531420.2E
BODEG	200737.1S	1630000.0E	BRKNH	232425.8S	1502914.8E	BUKRA	262733.2S	1531743.8E
BODEP	413818.8S	1471010.8E	BRKNI	231222.2S	1502353.2E	BULDA	381400.0S	1615357.5E
BODOV	424716.3S	1474757.6E	BRKNM	232138.7S	1502800.5E	BULGI	290003.2S	1194014.6E
BOFOR	141400.0S	1330730.0E	BRKSF	232819.7S	1503059.0E	BULKO	380912.0S	1460606.0E
BOGES	365109.9S	1454418.5E	BRKSH	231902.8S	1502651.1E	BULLA	370440.1S	1462049.6E
BOGUD	350400.8S	1474124.1E	BRKSI	233257.9S	1503303.0E	BULRA	234615.1S	1333623.9E
BOING	221424.0S	1271502.0E	BRKSJ	233620.6S	1502901.8E	BUMLU	350853.8S	1381202.3E
BOKED	373140.4S	1581109.9E	BRKSM	232341.5S	1502855.1E	BUNGL	302017.3S	1193139.4E
BOKES	193700.0S	1464600.0E	BRMEA	175544.4S	1222736.2E	BUNGO	345331.1S	1495120.1E
BOLAM	345855.6S	1412810.2E	BRMEB	180110.1S	1222936.7E	BUNGY	372906.0S	1381948.0E
BOLTY	374930.5S	1445635.5E	BRMEC	180449.8S	1222458.0E	BUNNY	273248.6S	1271212.9E
BOMTA	185422.1S	1464159.8E	BRMEF	175829.0S	1221930.1E	BUNPO	164634.1S	1454604.0E
BONES	161043.4S	1323741.0E	BRMEH	175620.0S	1221125.0E	BUPLO	342342.0S	1385215.0E
BONEY	274830.0S	1555430.0E	BRMEI	175949.5S	1222433.4E	BUPLU	140355.8S	1232628.6E
BONGS	280000.0S	1100000.0E	BRMEM	175708.4S	1221426.9E	BUPMO	130048.0S	1375654.0E
BONRU	272617.2S	1513859.4E	BRMHA	175151.7S	1222119.6E	BURGU	325811.5S	1183919.7E
BOODA	290521.9S	1680131.4E	BRMHB	175357.4S	1222411.8E	BURLI	281132.9S	1533602.1E
BOOGI	340121.4S	1510016.3E	BRMHC	175715.3S	1222307.3E	BURNA	424508.8S	1472355.6E
BOOIN	372702.2S	1453816.8E	BRMHF	175547.1S	1221812.1E	BURNO	211819.8S	1492222.0E
BOOKA	320114.7S	1163932.6E	BRMHI	175452.2S	1222111.9E	BURPA	270423.0S	1525732.7E
BOOMA	200000.0S	1504112.0E	BRMHM	175641.8S	1221512.1E	BUSKA	423750.4S	1471406.7E
BOPKU	353256.9S	1500021.5E	BRMWD	175805.7S	1215938.6E	BUSLA	273642.5S	1525832.4E
BOPLO	120000.0S	1165506.0E	BRMWE	175239.9S	1215738.4E	BUSTO	235523.0S	1194705.0E
BOPNI	123052.2S	1311920.0E	BRMWF	175521.3S	1220744.6E	BUTIR	285951.1S	1533132.9E
BORAH	215713.3S	1191330.9E	BRMWG	174900.4S	1220217.0E	BUTON	212448.0S	1180506.0E
BOREE	331414.2S	1510238.4E	BRMWH	175730.4S	1221549.6E	BUTPA	083248.0S	1293954.0E
BORLI	341458.0S	1460355.3E	BRMWI	175400.6S	1220241.5E	BUVAM	290932.0S	1533407.0E
BORPU	201652.4S	1132437.4E	BRMWM	175642.1S	1221247.7E	BUVEL	301848.4S	1150313.9E
BORTO	362334.0S	1404430.5E	BRONY	375621.6S	1471201.2E	BUVGA	360802.5S	1393904.1E
BORVI	272248.1S	1153704.7E	BRUKA	350018.5S	1385526.3E	BUVIV	372548.6S	1450015.9E
BOSGI	374506.5S	1445112.0E	BSZNF	263101.3S	1530103.9E	BUVNU	335533.0S	1502424.0E
BOSLI	311607.6S	1173140.6E	BSZNH	263722.6S	1530631.0E	BUVOT	315403.2S	1164255.3E
BOSUN	323137.0S	1504305.5E	BSZNI	262702.8S	1525739.7E	BUXAM	360627.9S	1464456.9E
BOSVU	272453.5S	1530640.9E	BSZSC	264757.0S	1531537.0E	BW2NA	294544.1S	1465244.5E
BOTGU	402240.8S	1564645.0E	BSZSF	264000.9S	1530847.0E	BW2NC	294547.6S	1465919.6E
BOTVU	334339.6S	1505910.4E	BSZSH	263423.4S	1530357.2E	BW2ND	295113.1S	1470131.5E
BOUND	224627.9S	1394254.6E	BSZSI	264359.1S	1531211.9E	BW2NF	295356.9S	1465238.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
BW2NH	300028.1S	1464716.8E	CB2EC	353226.9S	1491938.6E	CD2SM	330442.3S	1471222.5E
BW2NI	294952.3S	1465559.2E	CB2EF	352238.7S	1491750.7E	CDUEA	320751.8S	1335804.5E
BW2NM	295801.4S	1464917.5E	CB2EH	352405.6S	1490936.9E	CDUEB	321326.1S	1335944.2E
BW2SE	301108.2S	1464509.3E	CB2EI	352551.0S	1492232.7E	CDUEC	321640.0S	1335408.6E
BW2SF	300255.6S	1464515.3E	CB2EM	351847.8S	1491212.7E	CDUEF	320952.7S	1334843.1E
BW2SG	301104.5S	1463832.3E	CB2SD	353157.4S	1491834.5E	CDUEH	320701.9S	1333954.7E
BW2SH	295535.6S	1465117.4E	CB2SF	352453.8S	1491140.0E	CDUEI	321139.4S	1335413.6E
BW2SI	300700.0S	1464153.8E	CB2SG	353157.4S	1490445.5E	CDUEM	320806.1S	1334312.8E
BW2SJ	300539.0S	1463620.8E	CB2SH	351303.5S	1491335.3E	CDUWD	320753.2S	1332701.5E
BW2SM	295851.2S	1464836.6E	CB2SI	352954.3S	1491140.0E	CDUWE	320218.6S	1332523.2E
BX2NE	362841.8S	1442027.1E	CB2SM	351910.8S	1491140.0E	CDUWF	320553.3S	1333622.8E
BX2NF	363842.3S	1442002.2E	CB401	351225.8S	1491140.0E	CDUWG	315905.5S	1333058.5E
BX2NG	363208.6S	1442608.5E	CB402	351045.4S	1491157.8E	CDUWH	320844.3S	1334511.0E
BX2NH	364742.7S	1441939.7E	CB403	350904.9S	1491215.5E	CDUWI	320406.1S	1333052.9E
BX2NI	363342.0S	1442014.7E	CB405	350645.2S	1491651.4E	CDUWM	320740.2S	1334152.9E
BX2SA	365726.9S	1442507.1E	CB407	350613.9S	1490725.6E	CE2EA	333802.4S	1364454.9E
BX2SB	370035.1S	1441907.3E	CB408	352220.7S	1491122.3E	CE2EB	334246.6S	1364848.4E
BX2SC	365707.9S	1441324.1E	CB409	352506.5S	1492035.1E	CE2EC	334727.2S	1364448.6E
BX2SF	365034.6S	1441932.5E	CB421	352825.6S	1491005.8E	CE2EF	334240.8S	1363649.1E
BX2SH	364034.2S	1441957.5E	CB422	352522.3S	1491100.3E	CE2EH	334235.2S	1362713.8E
BX2SI	365534.9S	1441919.9E	CB430	353125.0S	1491353.3E	CE2EI	334243.8S	1364248.7E
BY2ED	223910.7S	1192422.3E	CB431	352854.3S	1491149.0E	CESCI	192216.3S	1245137.8E
BY2EE	224435.2S	1192629.7E	CB432	352523.0S	1491116.0E	CFSNA	300547.1S	1531344.7E
BY2EF	224159.3S	1191602.9E	CB441	352755.5S	1491623.7E	CFSNC	300623.2S	1532019.4E
BY2EG	224817.2S	1192144.5E	CB442	352732.3S	1491414.2E	CFSND	301158.0S	1532155.8E
BY2EH	224859.0S	1190914.2E	CB443	352520.3S	1491136.9E	CFSNF	301442.6S	1531159.6E
BY2EI	224317.3S	1192116.3E	CB444	352348.7S	1491112.0E	CFSNH	302710.2S	1531431.6E
BY2WA	224144.8S	1185535.4E	CB445	352243.1S	1491126.0E	CFSNI	301010.3S	1531632.4E
BY2WB	223620.0S	1185329.3E	CB446	352143.1S	1491140.0E	CFSSE	303359.6S	1525957.7E
BY2WC	223238.8S	1185814.9E	CB920	352339.8S	1491624.0E	CFSSF	302504.1S	1530139.7E
BY2WF	223857.3S	1190355.3E	CB921	352343.1S	1491430.0E	CFSSG	303325.0S	1525320.7E
BY2WI	223738.7S	1185842.2E	CB922	352400.3S	1490411.2E	CFSSH	301953.5S	1531856.0E
BY2WZ	224107.5S	1191235.2E	CB923	352143.0S	1490821.9E	CFSSI	302937.4S	1525707.7E
BYLLA	270000.0S	1100000.0E	CBULA	301600.0S	1533700.0E	CFSSJ	302750.9S	1525143.0E
BZ2EF	135622.8S	1232231.3E	CCAND	263940.8S	1502442.4E	CG003	280615.7S	1533032.8E
BZ2EI	135622.7S	1232625.3E	CCANE	263411.3S	1502636.8E	CG004	280423.2S	1533002.7E
BZ2EM	135622.8S	1231913.9E	CCANF	264207.3S	1503326.3E	CG017	280303.8S	1533110.0E
BZ2WA	140224.3S	1231009.1E	CCANG	263355.0S	1503300.2E	CG018	280452.1S	1532902.7E
BZ2WF	135622.8S	1231314.3E	CCANH	264827.9S	1503854.6E	CG021	280747.5S	1533057.4E
BZ2WI	135622.8S	1231009.2E	CCANI	263809.4S	1503001.4E	CG045	280535.6S	1533401.6E
BZ2WM	135622.8S	1231631.7E	CCASA	265256.0S	1504925.7E	CG151	281648.8S	1533446.3E
CA2NA	244033.7S	1134547.5E	CCASB	265825.8S	1504732.1E	CG2NC	275618.4S	1532813.1E
CA2NC	244123.3S	1135201.5E	CCASC	265842.8S	1504107.4E	CG2NF	280620.0S	1532805.9E
CA2ND	244701.3S	1135318.5E	CCASF	265030.5S	1504040.6E	CG2NH	281200.7S	1533142.6E
CA2NF	244841.6S	1134429.7E	CCASH	264410.0S	1503512.0E	CG2NI	280119.2S	1532809.5E
CA2NH	245431.9S	1133827.6E	CCASI	265428.2S	1504406.2E	CG2SA	281815.7S	1534148.4E
CA2NI	244502.5S	1134815.7E	CCYND	203557.5S	1401649.0E	CG2SC	282339.4S	1533147.8E
CA2NM	245220.6S	1134043.5E	CCYNE	203012.3S	1401707.4E	CG2SF	281443.3S	1533326.1E
CA2SE	250510.6S	1133432.8E	CCYNF	203621.8S	1402532.3E	CG2SH	275847.4S	1532906.8E
CA2SF	245702.8S	1133551.5E	CCYNG	202830.6S	1402257.5E	CG2SI	281905.2S	1533613.2E
CA2SG	250420.2S	1132817.7E	CCYNH	204117.6S	1403216.3E	CG2ST	280709.1S	1532837.2E
CA2SH	245112.5S	1134153.8E	CCYNI	203317.2S	1402119.7E	CG332	280712.4S	1532839.2E
CA2SI	250041.5S	1133204.7E	CCYSA	204355.4S	1404403.2E	CG411	282109.4S	1533732.1E
CA2SJ	245842.0S	1132701.7E	CCYSB	204940.2S	1404345.4E	CG412	281540.2S	1533402.2E
CA2SM	245323.9S	1133938.0E	CCYSC	205122.4S	1403754.1E	CG421	281524.6S	1533649.4E
CALAR	290000.0S	1364951.1E	CCYSF	204331.2S	1403519.3E	CG422	281337.7S	1533317.5E
CALIG	310159.9S	1162641.0E	CCYSH	203817.3S	1402809.7E	CG440	281229.5S	1533200.9E
CALTX	170000.0S	1493913.7E	CCYSI	204635.8S	1403932.2E	CG460	280342.4S	1532800.2E
CAMBS	250000.0S	1100000.0E	CD2ND	325054.4S	1471343.1E	CG612	281714.4S	1533447.8E
CANNU	164938.9S	1454334.4E	CD2NE	324952.0S	1472024.9E	CG815	281759.0S	1533717.1E
CAPER	332245.1S	1505618.9E	CD2NF	325858.8S	1471528.7E	CG847	281253.2S	1533206.8E
CARBN	290721.8S	1465807.3E	CD2NG	325449.2S	1472352.1E	CG851	281722.5S	1533129.5E
CARMN	185157.3S	1461555.1E	CD2NH	330710.9S	1471101.7E	CG859	282209.6S	1534432.8E
CARSL	272106.0S	1530306.0E	CD2NI	325425.4S	1471756.9E	CG863	283302.7S	1535319.0E
CARTS	294116.1S	1361421.3E	CD2SA	331719.9S	1471139.9E	CG913	280441.1S	1533332.9E
CATEY	192824.9S	1460329.5E	CD2SB	331822.1S	1470456.0E	CG923	281100.9S	1533458.4E
CAULI	262730.0S	1321148.0E	CD2SC	331324.6S	1470128.6E	CGOND	165342.5S	1442926.1E
CAWLY	341934.4S	1515728.4E	CD2SF	330915.6S	1470953.9E	CGONE	165129.3S	1443457.3E
CB2EA	352218.9S	1492956.4E	CD2SH	330158.2S	1471351.5E	CGONF	170117.9S	1443243.8E
CB2EB	353019.9S	1492908.1E	CD2SI	331348.9S	1470725.1E	CGONG	165543.2S	1443900.7E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
CGONH	170908.7S	1443056.8E	CMTSJ	225920.0S	1473709.0E	CORNF	355622.7S	1462655.5E
CGONI	165623.6S	1443350.5E	CMTSM	224640.4S	1473716.2E	CORNG	355614.9S	1463700.3E
CGONM	170612.1S	1443136.9E	CMUED	280533.2S	1454903.7E	CORNH	360104.3S	1461856.3E
CGOSA	172300.0S	1443414.4E	CMUEE	281008.3S	1454836.2E	CORNI	355326.4S	1463154.6E
CGOSB	172518.7S	1442844.8E	CMUEF	280458.1S	1454140.8E	CORNM	355918.8S	1462156.1E
CGOSC	172108.7S	1442436.4E	CMUEG	281119.3S	1454335.0E	CORRS	375532.0S	1453649.8E
CGOSF	171528.0S	1443048.1E	CMUEH	280026.5S	1453537.9E	CORSA	361052.9S	1461205.7E
CGOSH	170706.4S	1442846.1E	CMUEI	280733.2S	1454508.4E	CORSB	360859.3S	1460523.8E
CGOSI	172023.4S	1442946.5E	CMUEM	280223.0S	1453813.4E	CORSC	360315.2S	1460518.3E
CGOSM	171032.7S	1443149.6E	CMUWA	275814.5S	1452607.5E	CORSF	360308.3S	1461524.7E
CHIDL	315246.3S	1161554.1E	CMUWB	275339.6S	1452635.9E	CORSH	355826.9S	1462324.4E
CHIMU	373356.8S	1444750.4E	CMUWC	275229.2S	1453136.3E	CORSI	360603.9S	1461024.5E
CHITT	361618.0S	1434118.0E	CMUWF	275850.4S	1453329.8E	CORSM	360012.5S	1462024.6E
CHOOK	281700.0S	1534138.0E	CMUWH	280356.4S	1453041.2E	COTON	273707.9S	1531259.6E
CINEA	173452.2S	1240359.5E	CMUWI	275615.0S	1453002.7E	COTTS	315836.1S	1154041.9E
CINEB	174026.5S	1240531.0E	CMUWM	280125.7S	1453657.0E	COWIE	274026.0S	1525206.0E
CINEC	174343.1S	1240034.6E	CN2NA	312512.1S	1171946.2E	CP2ED	210024.3S	1162930.3E
CINEF	173657.3S	1235541.8E	CN2NC	313157.3S	1172725.6E	CP2EF	205746.5S	1162207.0E
CINEH	173409.6S	1234750.7E	CN2ND	312617.0S	1172621.3E	CP2EH	205918.2S	1161238.3E
CINEI	173841.9S	1240036.3E	CN2NF	313315.8S	1171757.8E	CP2EI	205655.3S	1162722.8E
CINEM	173512.5S	1235047.3E	CN2NH	313236.7S	1170934.2E	CP2WA	210526.2S	1160413.2E
CINWD	173445.9S	1233526.3E	CN2NI	312946.5S	1172209.7E	CP2WB	210120.5S	1155954.6E
CINWE	172911.4S	1233355.8E	CN2NM	313645.0S	1171345.6E	CP2WC	205608.4S	1160232.1E
CINWF	173241.7S	1234344.2E	CN2NP	313902.8S	1171101.7E	CP2WF	205939.3S	1161026.8E
CINWG	172555.4S	1233852.3E	CNYNA	183845.9S	1383033.9E	CP2WH	210720.3S	1161533.5E
CINWH	173529.5S	1235135.2E	CNYNC	183314.7S	1383216.6E	CP2WI	210030.0S	1160510.7E
CINWI	173056.6S	1233850.0E	CNYND	183253.3S	1383818.0E	CR2EF	222102.3S	1194444.8E
CINWM	173426.6S	1234838.5E	CNYNF	184105.6S	1383850.2E	CR2EI	222047.9S	1195131.3E
CITEE	272812.1S	1530445.7E	CNYNH	184856.2S	1384524.5E	CR2EJ	221601.2S	1195310.1E
CK2EA	241831.3S	1453419.0E	CNYNI	183710.2S	1383533.3E	CR2EK	222036.4S	1195654.7E
CK2EB	242058.3S	1453834.3E	CNYSE	185216.5S	1385432.9E	CR2EL	222526.7S	1195333.4E
CK2EC	242528.3S	1453730.9E	CNYSF	184957.3S	1384615.8E	CR2ET	221639.0S	1193741.1E
CK2EF	242405.2S	1453029.7E	CNYSG	185747.9S	1385250.7E	CR2WF	222128.3S	1193225.2E
CK2EH	242648.5S	1452325.4E	CNYSH	184206.8S	1383941.5E	CR2WI	222142.5S	1192539.0E
CK2EI	242231.8S	1453432.1E	CNYSI	185352.7S	1384933.2E	CR2WP	222629.0S	1192359.7E
CK2WD	243319.2S	1451706.6E	CNYSJ	185809.7S	1384648.4E	CR2WQ	222153.7S	1192015.5E
CK2WE	243051.6S	1451251.3E	COBEL	351006.0S	1280000.0E	CR2WR	221703.6S	1192337.0E
CK2WF	242745.6S	1452056.7E	COBES	231653.9S	1494948.2E	CR2WT	221636.2S	1193902.7E
CK2WG	242621.7S	1451355.6E	COBHI	314754.0S	1433100.0E	CRAVN	320736.0S	1514600.0E
CK2WH	242502.5S	1452801.2E	COBUN	171710.0S	1412232.0E	CREDY	254824.0S	1531512.0E
CK2WI	242918.7S	1451654.1E	COCKA	230230.7S	1493829.5E	CRENA	371624.0S	1400454.0E
CL2YA	203127.0S	1171329.0E	CODIE	163242.0S	1453554.0E	CRICK	342930.0S	1250000.0E
CL2YB	203021.2S	1171227.6E	COLDS	374239.5S	1452058.2E	CS2NF	164502.7S	1454129.7E
CL2YC	202702.2S	1171251.2E	COLLY	272922.2S	1473622.2E	CS2NH	164914.8S	1455020.3E
CL2YF	202844.3S	1171809.0E	COLPY	350210.6S	1382413.9E	CS2NI	164026.4S	1453925.1E
CL2YI	202858.4S	1171518.0E	COMAC	333308.4S	1375103.5E	CS2NM	164938.1S	1454334.4E
CL2YM	202818.2S	1172325.8E	COMLY	350947.0S	1390656.4E	CS2NZ	165049.0S	1454406.1E
CL2ZF	202641.6S	1171959.6E	COMND	360136.3S	1490037.0E	CS400	164009.7S	1453917.5E
CL2ZI	202753.9S	1171730.5E	COMNE	360043.4S	1490901.9E	CS401	164357.9S	1453316.5E
CL2ZJ	203013.1S	1171528.4E	COMNF	361028.9S	1490244.2E	CS402	163838.6S	1454552.9E
CL2ZK	202916.5S	1171440.0E	COMNG	360642.5S	1491142.9E	CS403	164204.1S	1453719.3E
CL2ZL	202658.6S	1171428.0E	COMNH	361920.9S	1485659.5E	CS404	164004.4S	1454204.9E
CL2ZM	202321.2S	1172652.8E	COMNI	360602.8S	1490536.1E	CS405	164439.8S	1454119.4E
CLARY	350559.0S	1383621.1E	COMNM	361641.3S	1485843.0E	CS407	164626.7S	1454207.6E
CLEOS	275821.8S	1521733.9E	COMSA	363234.5S	1490015.5E	CS409	165630.2S	1454640.4E
CLIFF	294203.4S	1520429.2E	COMSB	363445.1S	1485340.3E	CS411	170120.5S	1455308.4E
CLIFT	203617.0S	1482727.2E	COMSC	363037.6S	1484739.3E	CS415	170212.5S	1455840.3E
CLUGO	320406.0S	1154212.0E	COMSF	362459.2S	1485624.2E	CS510	171205.3S	1454315.2E
CMTNA	223631.9S	1472732.6E	COMSH	361710.3S	1485835.0E	CS511	171026.0S	1454715.5E
CMTNC	223144.5S	1473058.7E	COMSI	362952.2S	1485502.3E	CS512	170907.6S	1454907.6E
CMTND	223305.9S	1473700.0E	COMSM	362006.1S	1485746.0E	CS513	170710.4S	1455013.5E
CMTNF	224105.2S	1473454.8E	COOBI	233517.3S	1201725.4E	CS520	170921.0S	1460010.4E
CMTNH	224833.8S	1473804.0E	COODA	271058.5S	1533942.1E	CS521	170959.4S	1455346.5E
CMTNI	223624.8S	1473256.7E	COOLA	251800.0S	1502204.7E	CS522	171030.1S	1455301.0E
CMTNM	224545.6S	1473653.0E	COOPA	314751.2S	1513154.6E	CS523	170744.5S	1455145.7E
CMTSE	225553.7S	1474637.9E	COPDI	293319.7S	1175629.5E	CS530	165854.8S	1455442.5E
CMTSF	225120.8S	1473914.5E	COPPA	354654.0S	1473454.0E	CS531	170021.5S	1455223.0E
CMTSG	230041.3S	1474311.6E	CORAL	263252.4S	1531910.3E	CS532	170042.6S	1454946.8E
CMTSH	224352.2S	1473605.2E	CORND	354837.3S	1463013.8E	CS540	170348.9S	1454958.9E
CMTSI	225601.1S	1474113.0E	CORNE	355029.9S	1463653.3E	CS541	165901.8S	1454748.9E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
CS542	165028.2S	1454356.7E	CY2NA	355539.4S	1480312.5E	DELRU	320336.0S	1160430.0E
CS543	164516.6S	1454553.7E	CY2NC	355821.1S	1481400.9E	DENIS	273322.6S	1530805.3E
CS544	164332.2S	1454929.1E	CY2ND	360731.8S	1481436.6E	DERRY	334317.1S	1480233.4E
CS545	164642.8S	1455807.1E	CY2NF	360621.4S	1480122.4E	DERWY	345846.9S	1380715.3E
CS550	171515.3S	1454928.7E	CY2NH	361149.3S	1475108.0E	DESET	245042.0S	1344612.0E
CS551	171114.9S	1455903.5E	CY2NI	360316.8S	1480614.5E	DEZZI	290315.9S	1675743.8E
CS552	171509.3S	1454345.9E	CY2NM	361039.5S	1475433.0E	DG2EC	252833.9S	1193146.5E
CS553	163527.9S	1454114.9E	DABKO	273650.8S	1525633.2E	DG2ED	253759.4S	1193157.3E
CS554	163834.7S	1453523.3E	DABMI	214340.3S	1450205.8E	DG2EF	253324.3S	1192328.7E
CS901	164647.2S	1453712.1E	DABOG	324653.1S	1510210.2E	DG2EI	253318.4S	1192958.5E
CS902	170549.2S	1454511.7E	DABSU	423852.0S	1471459.0E	DG2WA	253826.9S	1190242.8E
CS903	164623.1S	1453712.7E	DABUX	372713.4S	1444315.5E	DG2WB	252901.4S	1190232.1E
CS904	164851.9S	1454746.1E	DADAD	400842.8S	1503506.2E	DG2WF	253336.0S	1191058.9E
CS905	164256.4S	1454525.9E	DADAN	272948.5S	1530858.7E	DG2WI	253341.6S	1190430.9E
CS906	164855.1S	1455217.8E	DADAR	020000.0S	0792706.0E	DICKO	161809.6S	1301822.9E
CS907	165312.8S	1455431.0E	DADBO	235211.0S	1505120.4E	DIGLA	211817.2S	1331127.3E
CS908	170544.1S	1455632.9E	DADER	364248.2S	1475400.7E	DIPLO	400000.0S	1454100.0E
CS910	165749.6S	1455041.1E	DADIS	231033.7S	1503508.0E	DIPPA	335729.5S	1511926.0E
CT2ED	152745.3S	1452644.5E	DADPI	141722.1S	1263758.3E	DIPSO	335423.3S	1520419.0E
CT2EE	153153.7S	1452704.1E	DADRU	344954.7S	1360000.0E	DISHA	350409.8S	1390420.8E
CT2EF	152921.3S	1451913.3E	DADSI	315646.0S	1162341.1E	DISPT	255556.6S	1531124.2E
CT2EG	153557.7S	1452416.5E	DADVA	310044.5S	1372050.0E	DK2ND	272422.6S	1221457.9E
CT2EH	152551.9S	1450824.9E	DAGAK	123506.1S	1321533.6E	DK2NE	272106.9S	1222016.3E
CT2EI	153056.6S	1452408.0E	DAGSI	204207.9S	1484715.3E	DK2NF	273108.6S	1222011.2E
CT2EM	152708.0S	1451220.6E	DAGVA	322904.5S	1503152.2E	DK2NG	272426.9S	1222531.3E
CT2WA	152610.2S	1445630.6E	DAKLA	271422.2S	1525541.4E	DK2NH	273833.8S	1222007.4E
CT2WB	152034.3S	1445507.1E	DAKPO	313427.2S	1135445.9E	DK2NI	272607.7S	1222013.7E
CT2WC	151723.2S	1450003.8E	DAKTI	122458.7S	1310904.6E	DK2SA	274742.7S	1222520.6E
CT2WF	152414.5S	1450445.1E	DALAR	333213.4S	1510413.0E	DK2SB	275058.6S	1222001.1E
CT2WH	152713.7S	1451643.2E	DALEY	353341.9S	1491041.4E	DK2SC	274738.5S	1221444.9E
CT2WI	152224.4S	1445956.1E	DALOS	290129.0S	1673036.8E	DK2SF	274057.0S	1222006.2E
CT2WM	152604.6S	1450934.2E	DALPA	260000.0S	1240000.0E	DK2SH	273337.7S	1222009.9E
CUDGN	281420.6S	1533239.3E	DALWU	301440.6S	1164643.6E	DK2SI	274557.8S	1222003.7E
CULIN	344424.0S	1492324.0E	DAMDA	272815.0S	1530323.6E	DLQEA	352414.2S	1450815.1E
CURTN	352058.3S	1491140.0E	DAMID	340654.7S	1502356.6E	DLQEB	352712.0S	1451415.3E
CV2EA	263027.2S	1462848.8E	DAMIL	162118.1S	1441607.9E	DLQEC	353250.7S	1451254.2E
CV2EB	263604.9S	1462729.1E	DAMKO	352243.7S	1491140.1E	DLQEF	353115.8S	1450303.7E
CV2EC	263652.9S	1462108.9E	DAMOB	314046.1S	1392117.7E	DLQEH	353430.0S	1445405.7E
CV2EF	262844.8S	1461952.8E	DAMPU	212217.2S	1211607.6E	DLQEI	352914.0S	1450839.6E
CV2EH	262208.7S	1461302.6E	DAMTU	340204.5S	1502404.6E	DLQEM	353317.3S	1445727.5E
CV2EI	263224.8S	1462340.9E	DAOVO	025218.0S	0883542.0E	DLQWD	354248.3S	1444518.1E
CV2WD	261905.7S	1460244.7E	DAPLA	192144.4S	1464201.6E	DLQWE	353949.2S	1443916.5E
CV2WE	261328.1S	1460404.6E	DAPMA	144329.7S	1344419.2E	DLQWF	353547.6S	1445030.4E
CV2WF	262048.4S	1461139.6E	DAPPA	253524.0S	1413030.0E	DLQWG	353411.6S	1444038.9E
CV2WG	261240.2S	1461023.5E	DAPRA	285407.2S	1531749.0E	DLQWH	353233.5S	1445928.7E
CV2WH	262724.6S	1461829.7E	DAPTU	271336.0S	1524817.0E	DLQWI	353748.5S	1444453.6E
CV2WI	261708.3S	1460752.1E	DARGI	335518.0S	1502512.0E	DLQWM	353346.3S	1445606.9E
CW2NA	334012.6S	1482841.3E	DARLY	374413.8S	1443746.1E	DM2EA	175814.4S	1390222.5E
CW2NC	333535.4S	1483246.7E	DAVEY	202432.6S	1454458.8E	DM2EB	180358.6S	1390254.0E
CW2ND	333713.1S	1483921.7E	DAYBO	270715.3S	1525305.6E	DM2EC	180624.6S	1385726.6E
CW2NF	334505.4S	1483634.8E	DAYLR	321606.2S	1163317.2E	DM2EF	175857.3S	1385348.8E
CW2NH	335241.4S	1483938.0E	DAZZA	212954.0S	1215918.0E	DM2EH	175455.9S	1384633.0E
CW2NI	334020.4S	1483440.7E	DB2EA	172028.3S	1235244.8E	DM2EI	180128.0S	1385821.3E
CW2SE	340104.0S	1484858.3E	DB2EB	172535.4S	1235529.9E	DM2EM	175626.5S	1384916.4E
CW2SF	335611.6S	1484102.6E	DB2EF	172414.8S	1234507.9E	DM2WD	175410.5S	1383521.8E
CW2SG	340541.4S	1484452.6E	DB2EH	172124.4S	1233711.1E	DM2WE	174826.2S	1383451.2E
CW2SH	334835.7S	1483759.3E	DB2EI	172455.1S	1235018.9E	DM2WF	175328.4S	1384355.3E
CW2SI	340056.5S	1484257.5E	DB2WD	172221.2S	1232545.4E	DM2WG	174600.9S	1384018.3E
CW2SJ	340403.7S	1483815.0E	DB2WE	171646.7S	1232414.9E	DM2WH	175729.9S	1385111.0E
CWAED	225051.6S	1190156.1E	DB2WF	172022.7S	1233418.5E	DM2WI	175057.4S	1383923.2E
CWAEE	225600.4S	1190654.3E	DB2WG	171330.7S	1232911.0E	DM2WM	175559.4S	1384827.5E
CWAEF	225718.8S	1185504.3E	DB2WH	172305.2S	1234152.9E	DN2EA	122435.2S	1310648.4E
CWAEH	225815.3S	1184627.8E	DB2WI	171831.9S	1232908.7E	DN2EB	123007.3S	1310826.0E
CWAEI	225643.3S	1190027.1E	DEBAY	271248.7S	1531022.8E	DN2EC	123331.0S	1310341.7E
CWAWA	230506.7S	1183544.0E	DEBAZ	191735.7S	1402740.2E	DN2EF	122652.1S	1305845.7E
CWAWB	225956.9S	1183046.6E	DEBEE	280533.9S	1522050.0E	DN2EH	122415.9S	1305101.6E
CWAWC	225352.4S	1183419.4E	DECEM	164605.4S	1121208.8E	DN2EI	122829.7S	1310335.8E
CWAWF	225840.3S	1184237.1E	DEENA	340624.0S	1511206.0E	DN2EJ	122414.5S	1310547.3E
CWAWH	225744.1S	1185113.7E	DEENO	213508.5S	1311253.6E	DN2EK	123310.4S	1310241.0E
CWAWI	225915.2S	1183714.2E	DEJAY	285028.5S	1505343.9E	DN2EM	122459.9S	1305312.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
DN2SA	123618.0S	1304659.1E	DOVIP	295620.0S	1530411.0E	DUTAK	293011.6S	1173256.1E
DN2SB	123724.7S	1305216.4E	DOVMI	263657.0S	1532313.7E	DUUKE	325858.1S	1504753.2E
DN2SC	123616.4S	1305733.4E	DOVOD	341132.4S	1404033.4E	DV2EA	410207.2S	1463640.6E
DN2SF	123022.8S	1305215.3E	DOVOM	284022.8S	1630000.0E	DV2EB	410424.0S	1464206.9E
DN2SH	122120.4S	1305213.9E	DOVPO	322252.9S	1514723.9E	DV2EC	410902.9S	1464108.8E
DN2SI	123423.9S	1305215.9E	DOVUB	255342.7S	1442006.7E	DV2EF	410757.2S	1463229.1E
DN2WD	122507.6S	1303846.7E	DOVUT	365435.5S	1441239.9E	DV2EH	410052.1S	1462304.0E
DN2WE	121935.5S	1303709.4E	DOXAP	330121.8S	1515946.3E	DV2EI	410612.0S	1463714.6E
DN2WF	122250.9S	1304649.3E	DOXIR	325113.1S	1514522.4E	DV2EM	410942.2S	1462743.4E
DN2WG	121611.9S	1304153.5E	DR2ND	244704.3S	1500026.2E	DV2ET	411100.9S	1462409.0E
DN2WH	122527.2S	1305433.3E	DR2NE	244346.7S	1500536.2E	DV2WD	412132.1S	1461101.2E
DN2WI	122113.2S	1304159.3E	DR2NF	245348.6S	1500535.5E	DV2WE	411346.8S	1460551.4E
DN2WL	122523.1S	1303933.4E	DR2NG	244704.9S	1501045.7E	DV2WF	411123.0S	1461843.2E
DN2WM	122442.5S	1305220.8E	DR2NH	250251.0S	1500534.9E	DV2WG	410825.7S	1460835.9E
DN2WN	121627.5S	1304240.5E	DR2NI	244847.7S	1500535.9E	DV2WH	410815.0S	1462947.1E
DN404	122243.8S	1304628.3E	DR2SA	251120.0S	1501045.1E	DV2WI	411234.9S	1461217.4E
DN407	122540.3S	1304310.2E	DR2SB	251437.8S	1500534.1E	EA2EF	313607.7S	1160523.7E
DN412	122727.5S	1304448.8E	DR2SC	251119.4S	1500023.5E	EA2EH	314232.2S	1155758.5E
DN414	122758.4S	1304622.3E	DR2SF	250435.9S	1500534.8E	EA2EI	313316.7S	1160841.3E
DN418	123455.7S	1304833.3E	DR2SH	245533.4S	1500535.4E	EA2EL	312939.3S	1160641.1E
DN422	121758.0S	1304808.5E	DR2SI	250936.9S	1500534.4E	EA2EN	313025.6S	1161158.6E
DN430	122607.8S	1305634.0E	DRADO	123951.6S	1305201.2E	EA2EO	313457.0S	1161256.6E
DN432	122655.4S	1305856.9E	DRAIN	270954.5S	1530503.7E	EA2ND	312936.6S	1155356.8E
DN438	122208.9S	1310035.6E	DRINA	352513.4S	1391405.8E	EA2NE	312548.2S	1155858.3E
DN444	122717.2S	1310002.3E	DRWEZ	122501.2S	1305316.0E	EA2NF	313545.7S	1160017.6E
DN448	123200.7S	1305824.9E	DUBAG	153247.9S	0850000.0E	EA2NG	312832.7S	1160451.9E
DOBGO	203039.1S	1444357.7E	DUBED	353630.1S	1455205.7E	EA2NI	313046.9S	1155937.9E
DOBGU	303649.0S	1205431.9E	DUBIL	210133.9S	1490407.9E	EA2SA	315459.7S	1160251.5E
DODRO	230527.2S	1405612.3E	DUBOM	271557.1S	1533334.1E	EA2SF	314502.3S	1160131.7E
DOGAR	020000.0S	0875100.0E	DUBOV	344222.0S	1382030.0E	EA2SH	313804.1S	1160036.0E
DOGMI	410459.9S	1472820.3E	DUBSO	094500.0S	1432518.0E	EA2SI	315001.0S	1160211.5E
DOGMU	275103.3S	1531655.7E	DUBSU	333532.0S	1502521.0E	EA2WF	314256.4S	1155657.2E
DOGRO	350054.3S	1491020.1E	DUBUD	290030.4S	1564139.0E	EA2WI	314505.8S	1155139.7E
DOGTU	365801.5S	1515904.6E	DUBUL	283346.2S	1172555.6E	EA2WJ	314135.3S	1154728.6E
DOGVO	315836.0S	1155018.0E	DUBUS	360854.5S	1475142.8E	EA2WK	314715.0S	1154621.9E
DOKLI	600000.0S	1285348.0E	DUDAB	374911.8S	1444342.0E	EAZEE	163323.1S	1454106.1E
DOKNO	373424.0S	1450206.0E	DUDEP	323455.9S	1550237.1E	EB2WA	170430.6S	1451136.8E
DOKSU	284712.0S	1381842.0E	DUDIM	140522.9S	1262311.7E	EB2WB	165857.6S	1451000.8E
DOLIB	203326.8S	1442501.0E	DUDIN	315645.6S	1163248.7E	EB2WC	165536.9S	1451453.0E
DOLKO	240000.0S	1525218.0E	DUDOK	340448.2S	1510438.3E	EB2WF	170218.6S	1451951.1E
DOLPA	333456.7S	1505145.0E	DUDUT	340453.3S	1414109.8E	EB2WG	165824.9S	1452516.1E
DOLSU	270325.9S	1533452.2E	DUGAD	380353.1S	1465359.9E	EB2WI	170038.1S	1451455.9E
DOLVU	344225.1S	1383753.8E	DUGAL	274343.7S	1533151.0E	EBARR	310000.0S	1100000.0E
DOMBO	273158.0S	1532716.0E	DUGEG	304612.0S	1144759.0E	EBONY	361056.5S	1470414.3E
DOMOM	162612.8S	1150758.2E	DUGGI	363544.7S	1462650.0E	EC2ND	355735.8S	1443933.1E
DOMTI	142506.5S	1375716.6E	DUGOT	373704.0S	1450252.2E	EC2NE	355411.1S	1444513.9E
DONBU	353859.0S	1350000.0E	DUGOV	223749.1S	1193910.1E	EC2NF	360411.6S	1444533.0E
DONIC	332246.9S	1515428.2E	DUKAD	264818.6S	1501019.6E	EC2NG	355721.2S	1445107.2E
DONLO	185156.8S	1462932.5E	DUKEL	262115.5S	1531025.9E	EC2NH	361212.1S	1444548.4E
DOORA	315424.0S	1490519.0E	DUKEP	124130.4S	1314247.9E	EC2NI	355911.3S	1444523.4E
DOPTI	344958.0S	1382749.9E	DUKEV	291440.0S	1144456.0E	EC2SA	362155.9S	1445156.1E
DOPUK	181433.5S	1272508.8E	DUKID	142122.4S	1322158.4E	EC2SB	362520.8S	1444613.5E
DORAT	274316.0S	1530552.1E	DUKOR	330706.0S	1194327.1E	EC2SC	362210.5S	1444018.4E
DORKO	163012.3S	1454102.8E	DUKUB	120000.0S	1491934.0E	EC2SF	361520.3S	1444554.4E
DORNU	230931.1S	1501457.9E	DUKUK	185000.0S	1464500.0E	EC2SH	360719.9S	1444539.0E
DORSU	364824.0S	1443906.0E	DULAX	334730.0S	1502740.0E	EC2SI	362020.6S	1444603.9E
DOSAM	165410.3S	1331200.3E	DULCI	335454.0S	1521518.0E	ECATT	194124.4S	1405533.1E
DOSBO	135718.0S	1325012.2E	DULIN	273855.5S	1524324.6E	ECKHO	393928.2S	1503103.9E
DOSEL	370954.4S	1452343.1E	DULOG	350702.6S	1382601.0E	ED2NA	342920.1S	1383324.6E
DOTAP	200916.8S	1364325.7E	DULUB	205356.1S	1152312.2E	ED2NC	343045.6S	1384454.6E
DOTBO	334818.5S	1394209.2E	DUMAV	135627.0S	1353544.6E	ED2NF	343643.1S	1383757.1E
DOTLO	204210.3S	1152732.6E	DUMIT	424215.0S	1474346.0E	ED2NH	344011.2S	1383201.4E
DOTOD	151424.2S	1490411.5E	DUMOP	333904.8S	1510558.9E	ED2NM	344134.4S	1383704.4E
DOTOP	320618.0S	1190448.0E	DUMPA	132652.9S	1343049.0E	EDPEG	284953.0S	1513542.7E
DOTPA	371446.0S	1442927.0E	DUNAN	211539.6S	1363407.4E	EE2WA	134448.7S	1425225.9E
DOTTE	184154.0S	1445242.0E	DUNDA	324254.0S	1215200.0E	EE2WB	133910.4S	1425113.1E
DOTUM	240300.4S	1335409.8E	DUNES	340136.0S	1511030.0E	EE2WC	133607.9S	1425613.2E
DOTVU	404959.4S	1450454.0E	DUNNE	375459.0S	1460714.6E	EE2WF	134307.0S	1430040.0E
DOVAR	344139.2S	1384720.7E	DUNNI	272849.0S	1532321.5E	EE2WH	134004.0S	1430513.2E
DOVEX	364924.0S	1474723.0E	DUPUG	260143.1S	1482753.5E	EE2WI	134108.8S	1425556.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
EE2WM	134505.1S	1430523.5E	ELATA	344322.1S	1390458.4E	ENBAB	120718.2S	1302613.4E
EEMUE	352118.1S	1375914.5E	ELATI	020000.0S	0895742.0E	ENBET	272751.9S	1525353.6E
EF2EA	214517.3S	1222738.7E	ELBIS	090518.0S	1274342.0E	ENBUD	372332.1S	1463528.2E
EF2EB	215102.0S	1222801.8E	ELDEK	203258.8S	1491429.9E	ENDET	182405.2S	1453957.7E
EF2EC	215320.1S	1222222.7E	ELDID	292858.1S	1171016.3E	ENDEV	341048.4S	1511453.8E
EF2EF	214548.0S	1221851.7E	ELDUX	284008.8S	1533225.7E	ENDOR	351711.8S	1492048.7E
EF2EH	214207.9S	1221226.9E	ELENI	274233.3S	1522944.2E	ENDOV	240406.3S	1175621.5E
EF2EI	214825.0S	1222326.7E	ELGAT	282708.3S	1170421.4E	ENDUM	373929.3S	1450925.1E
EF2EM	214342.2S	1221511.8E	ELGAX	351803.6S	1493115.0E	ENGUD	295934.1S	1181233.6E
EF2WD	214021.5S	1215942.8E	ELGIS	345936.5S	1381638.7E	ENKAS	335800.0S	1560700.0E
EF2WE	213436.7S	1215920.8E	ELGOL	344634.8S	1504507.2E	ENKIG	144114.8S	1322423.8E
EF2WF	213951.8S	1220829.6E	ELGON	295342.0S	1361212.0E	ENKIL	375634.2S	1470528.8E
EF2WG	213219.4S	1220459.6E	ELGUM	121643.8S	1304425.4E	ENKOG	273413.1S	1530057.7E
EF2WH	214403.6S	1221549.1E	ELGUN	432654.8S	1630000.0E	ENLAD	342257.6S	1501207.8E
EF2WI	213714.4S	1220355.1E	ELKAB	321529.6S	1504639.9E	ENLIP	275701.5S	1523450.9E
EF2WM	214229.2S	1221304.2E	ELKAK	315324.6S	1160328.3E	ENLUB	345808.3S	1381810.4E
EFFEY	200921.3S	1464030.8E	ELKIK	280020.7S	1531618.1E	ENNGG	344906.0S	1384954.0E
EGAPU	322348.2S	1514135.6E	ELKOV	325050.6S	1515424.6E	ENPAG	313308.0S	1471141.4E
EGARO	293000.0S	1140000.0E	ELLOW	245709.5S	1343627.1E	ENPIM	375251.9S	1473406.7E
EGATU	120000.0S	1160536.0E	ELMEN	332737.8S	1505015.0E	ENPIT	232159.0S	1262918.3E
EGAVI	182924.0S	1090224.0E	ELMEP	324214.3S	1375715.4E	ENPUD	110954.0S	1322902.0E
EGEKA	374340.4S	1450110.7E	ELMOL	272431.0S	1414829.0E	ENPUK	271743.0S	1525604.1E
EGEVO	330247.1S	1515143.5E	ELMOR	400000.1S	1465136.5E	ENPUM	314927.2S	1153954.7E
EGIXU	314238.3S	1160751.4E	ELMUM	284556.7S	1391607.3E	ENRES	162646.0S	1360440.9E
EGOPI	201628.0S	1453551.5E	ELNAX	263112.0S	1531158.0E	ENRIM	281355.3S	1534640.4E
EGOPO	340657.5S	1510109.3E	ELNIV	383622.2S	1473159.6E	ENRIP	314206.3S	1160640.1E
EGOTO	273755.7S	1531339.2E	ELNOT	160109.7S	1431722.2E	ENROK	334757.0S	1505308.5E
EGUBA	282338.6S	1503358.2E	ELONG	320406.0S	1485636.0E	ENSAB	214130.0S	1451930.0E
EGUGO	235053.5S	1513255.9E	ELPIB	332050.6S	1594932.5E	ENSEG	372633.5S	1450022.0E
EGUMI	153035.2S	1280905.4E	ELREL	412230.3S	1471831.1E	ENSID	240218.0S	1154230.0E
EK2EA	263040.1S	1184615.0E	ELRIM	333233.4S	1375251.6E	ENSOM	192225.3S	1462559.2E
EK2EB	263503.7S	1185022.8E	ELROX	351537.2S	1375402.0E	ENSUR	320037.8S	1153651.9E
EK2EC	264003.3S	1184712.1E	ELRUG	255523.4S	1472103.3E	ENTAL	282841.9S	1190633.4E
EK2EF	263558.2S	1183916.3E	EMLED	232531.6S	1482153.9E	ENTIK	273915.9S	1525824.2E
EK2EH	263641.2S	1183022.9E	EMLEE	232851.9S	1482658.7E	ENTOL	172725.7S	1404959.9E
EK2EI	263531.0S	1184449.6E	EMLEF	233213.2S	1481643.5E	ENTOV	361052.0S	1495026.0E
EK2WD	264218.0S	1181914.9E	EMLEG	233424.8S	1482519.0E	ENTOX	274025.7S	1530150.3E
EK2WE	263753.6S	1181508.0E	EMLEH	233454.2S	1480831.1E	ENTRA	333459.3S	1514148.5E
EK2WF	263701.0S	1182614.9E	EMLEI	233032.6S	1482151.2E	ENTRE	313202.8S	1305656.8E
EK2WG	263254.7S	1181820.0E	EMLWA	234247.4S	1475940.8E	ENVET	340756.0S	1502804.0E
EK2WH	263618.2S	1183508.4E	EMLWB	233927.0S	1475435.6E	ENVIR	323407.9S	1515302.1E
EK2WI	263727.4S	1182041.5E	EMLWC	233354.2S	1475615.7E	ENVOL	335507.1S	1491311.2E
EKABO	310355.0S	1503828.7E	EMLWF	233605.9S	1480451.5E	ENVOS	284555.0S	1165817.0E
EKASA	352002.9S	1493553.2E	EMLWH	233325.1S	1481304.0E	EPDAM	121800.9S	1304811.3E
EKEGA	344144.7S	1381546.3E	EMLWI	233746.5S	1475943.6E	EPGAG	164705.7S	1453051.1E
EKEPO	314702.0S	1160037.9E	EMPUM	275158.9S	1523529.2E	EPGET	333409.4S	1501043.4E
EKESU	330135.0S	1501911.0E	EMPUP	344813.0S	1384625.3E	EPGIB	205208.4S	1152409.4E
EKIBI	320021.6S	1511302.4E	EMRAM	233122.7S	1503412.8E	EPGIV	323922.6S	1512924.4E
EKIDA	315836.1S	1564648.6E	EMRIG	373859.6S	1451141.2E	EPGUP	103902.0S	0993305.6E
EKIPU	331226.1S	1514426.4E	EMROT	324519.6S	1494845.6E	EPKEK	315152.4S	1483913.6E
EKKAS	380442.0S	1451124.0E	EMSEK	373839.3S	1445727.7E	ERINA	305646.1S	1344500.0E
EKOKO	304941.3S	1373915.3E	EMSIT	270629.5S	1531128.6E	ERITH	341155.2S	1382638.5E
EKOKU	161800.0S	1465354.0E	EMSOD	273332.0S	1514738.0E	ERVEV	323302.4S	1520212.0E
EKULA	193234.5S	1144104.4E	EMSUP	220032.0S	1495704.3E	ES2ED	334054.4S	1220458.3E
EKUNO	290046.1S	1244209.0E	EMSUR	323350.5S	1502814.7E	ES2EE	334628.0S	1220638.9E
EL2EA	115837.8S	1354744.8E	EMTID	292345.9S	1502619.8E	ES2EF	334254.1S	1215526.9E
EL2EB	120350.7S	1355014.2E	EMTUS	293451.7S	1465705.5E	ES2EG	334942.1S	1220057.0E
EL2EC	120755.9S	1354606.5E	EMVAS	112812.0S	1002942.0E	ES2EH	334001.5S	1214629.9E
EL2EF	120207.7S	1354010.7E	EMVEP	205617.1S	1151835.2E	ES2EI	334441.6S	1220102.8E
EL2EH	120045.0S	1353208.0E	EMVOM	331728.4S	1494823.1E	ES2SA	380939.2S	1465229.9E
EL2EI	120259.2S	1354512.5E	EMVUG	332218.3S	1514555.1E	ES2SB	381523.7S	1465238.5E
EL2EM	120116.0S	1353509.0E	EN2EA	373747.9S	1450902.1E	ES2SC	381714.9S	1465932.1E
EL2WD	120334.9S	1352044.1E	EN2EC	374809.2S	1450905.0E	ES2SF	380929.4S	1470253.2E
EL2WE	115821.7S	1351815.3E	EN2EH	374818.7S	1445946.0E	ES2SH	380435.7S	1471123.1E
EL2WF	120005.6S	1352818.5E	EN2NE	373103.6S	1445922.5E	ES2SI	381226.5S	1465745.9E
EL2WG	115416.9S	1352223.3E	EN2NF	373757.2S	1445347.6E	ES2WA	334054.6S	1213332.1E
EL2WH	120128.4S	1353621.2E	EN2NG	372756.9S	1445319.0E	ES2WB	333519.6S	1213152.6E
EL2WI	115913.7S	1352316.9E	EN2NH	374517.0S	1445625.3E	ES2WC	333207.2S	1213733.7E
EL2WM	120057.4S	1353320.2E	EN2NI	373257.1S	1445333.3E	ES2WF	333855.5S	1214303.1E
ELAPO	330948.0S	1402706.0E	ENAID	272256.5S	1533732.3E	ES2WH	334147.6S	1215200.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
ES2WI	333707.7S	1213727.7E	FB2EG	332818.5S	1480858.7E	FS2EC	222819.5S	1193427.6E
ESDAM	192145.8S	1464255.3E	FB2EH	332110.7S	1475120.3E	FS2EF	222038.6S	1193119.2E
ESDAN	374336.3S	1445440.9E	FB2EI	332323.4S	1480750.8E	FS2EH	221608.2S	1192410.9E
ESDEG	291231.7S	1160124.9E	FB2EJ	332045.8S	1480935.2E	FS2EI	222327.7S	1193547.0E
ESDIG	374432.1S	1434524.0E	FB2WA	332429.9S	1474035.0E	FS2WD	221425.9S	1191227.8E
ESDIT	204452.5S	1152949.7E	FB2WB	331919.7S	1473735.6E	FS2WE	220840.6S	1191222.3E
ESDOD	322611.2S	1514501.6E	FB2WC	331512.2S	1474221.4E	FS2WF	221418.6S	1192117.4E
ESGID	335526.3S	1504950.7E	FB2WF	332054.9S	1474922.7E	FS2WG	220637.6S	1191808.7E
ESKAN	273957.6S	1530535.8E	FB2WH	332220.3S	1475959.3E	FS2WH	221849.1S	1192825.6E
ESKUT	224853.3S	1490708.2E	FB2WI	332007.3S	1474329.1E	FS2WI	221129.5S	1191649.8E
ESLAR	223551.5S	1482104.0E	FD2WA	401525.0S	1474908.0E	FT2ND	175747.2S	1253245.7E
ESLES	255831.1S	1472326.5E	FD2WB	401251.9S	1474225.5E	FT2NE	175602.9S	1253829.9E
ESLOK	375245.6S	1445238.2E	FD2WC	400709.7S	1474315.7E	FT2NF	180537.6S	1253521.4E
ESLOM	290211.8S	1483949.9E	FD2WF	400804.4S	1475352.5E	FT2NG	180036.7S	1254210.1E
ESLUB	271647.8S	1533006.3E	FD2WH	400957.3S	1475822.7E	FT2NH	181317.4S	1253250.4E
ESMIN	325926.1S	1193410.4E	FD2WI	401028.2S	1474809.2E	FT2NI	180050.3S	1253655.6E
ESMIS	295915.0S	1532658.0E	FD2ZA	401510.2S	1474646.3E	FT2NM	181025.0S	1253347.0E
ESMUM	185943.9S	1164023.1E	FD2ZB	401210.3S	1474023.1E	FT2SA	182414.3S	1253425.2E
ESNAB	380607.3S	1442724.5E	FD2ZC	400632.8S	1474152.6E	FT2SB	182558.6S	1252840.1E
ESNAV	270813.0S	1524638.0E	FD2ZF	400810.7S	1475220.6E	FT2SC	182124.7S	1252459.6E
ESNIT	271321.1S	1534103.3E	FD2ZH	401004.4S	1475627.1E	FT2SF	181623.9S	1253149.1E
ET2ED	335831.4S	1415951.6E	FD2ZI	401010.5S	1474622.0E	FT2SH	180844.1S	1253420.2E
ET2EE	340120.4S	1420142.0E	FD2ZM	400610.3S	1475818.8E	FT2SI	182111.3S	1253014.7E
ET2EF	340515.9S	1415743.5E	FECTI	182803.3S	1165413.2E	FT2SM	181136.6S	1253323.5E
ET2WA	340932.8S	1413856.4E	FENDA	321826.0S	1154553.0E	FYSTI	272234.3S	1531545.2E
ET2WB	340444.2S	1413508.7E	FI2ND	322736.5S	1192945.4E	GAANY	302620.2S	1371756.3E
ET2WC	340008.0S	1413916.1E	FI2NE	322213.3S	1193207.4E	GAFER	221750.5S	1363807.4E
ET2WF	340501.6S	1414700.8E	FI2NF	323028.2S	1193850.0E	GALAH	350454.0S	1420642.0E
ET2WH	340051.7S	1415305.9E	FI2NG	322215.7S	1193853.7E	GALON	303804.7S	1543200.4E
EURAD	273733.8S	1143532.2E	FI2NH	323703.9S	1194413.0E	GARTH	265953.6S	1524529.5E
EVFRS	165458.0S	1454655.0E	FI2NI	322620.8S	1193528.5E	GASSO	200000.0S	1512024.0E
EVIEC	302120.2S	1411922.4E	FI2SA	324214.1S	1195513.5E	GATER	282655.4S	1554104.0E
EVOKE	284300.9S	1425658.5E	FI2SB	324737.6S	1195252.4E	GATOR	122743.0S	1314525.0E
EVONN	341142.7S	1520152.3E	FI2SC	324736.0S	1194604.2E	GAVAS	322000.0S	1465936.0E
EW2EA	222240.4S	1171044.9E	FI2SF	323923.5S	1194607.2E	GAYED	252702.7S	1514832.5E
EW2EB	222908.0S	1171257.6E	FI2SH	323248.0S	1194044.0E	GAYEE	252956.4S	1515401.1E
EW2EF	222635.9S	1170241.3E	FI2SI	324330.6S	1194929.7E	GAYEF	253408.5S	1514358.8E
EW2EH	222538.8S	1165044.2E	FIKUL	282342.0S	1533912.0E	GAYEG	253536.2S	1515253.7E
EW2EI	222701.5S	1170803.7E	FISHA	335436.0S	1512236.0E	GAYEH	253729.7S	1513556.4E
EW2EM	222559.9S	1165505.2E	FLATS	185806.0S	1404948.0E	GAYEI	253202.6S	1514900.0E
EW2WC	222809.0S	1163854.5E	FLATY	252449.6S	1545310.6E	GAYEM	253614.3S	1513857.3E
EW2WD	222255.8S	1163617.2E	FLDNA	234621.0S	1512254.5E	GAYLA	265538.6S	1525211.7E
EW2WE	221851.7S	1164039.3E	FLDNC	234412.9S	1512350.9E	GAYWA	254616.2S	1512717.8E
EW2WF	222440.4S	1164656.4E	FLDND	234319.0S	1512609.1E	GAYWB	254321.4S	1512149.1E
EW2WH	222616.7S	1165648.5E	FLDNF	234837.3S	1512842.9E	GAYWC	253741.9S	1512258.1E
EW2WI	222348.1S	1164136.0E	FLDNI	234619.5S	1512610.7E	GAYWF	253910.9S	1513153.0E
EXETA	343825.8S	1501630.7E	FLDNM	235324.4S	1513400.3E	GAYWH	253550.0S	1513955.6E
EXOTU	311316.6S	1494243.2E	FLEMO	350447.0S	1534401.0E	GAYWI	254116.3S	1512651.1E
EXOVA	340345.9S	1512810.4E	FLIKI	400000.0S	1462336.0E	GAYWM	253705.4S	1513654.7E
EXROM	392421.3S	1460523.4E	FOGGI	163923.3S	1455333.6E	GB2EA	120656.6S	1350701.9E
EXUBU	280336.0S	1533907.0E	FONLO	432852.1S	1574628.3E	GB2EB	121238.3S	1350755.9E
EXUVI	284850.6S	1533805.0E	FOXLO	353308.7S	1491846.7E	GB2EC	121524.9S	1350247.9E
EXXON	254636.0S	1433906.0E	FRAZA	332605.2S	1355227.4E	GB2EF	120812.2S	1345846.0E
EY2EF	135754.3S	1232323.4E	FREDO	330250.4S	1515045.6E	GB2EH	120439.2S	1345126.2E
EY2EI	135754.2S	1232628.5E	FRTEA	304618.7S	1282139.6E	GB2EI	121025.3S	1350320.9E
EY2EM	135754.3S	1232005.9E	FRTEB	305113.2S	1282507.7E	GB2WD	120426.3S	1344008.8E
EY2WF	135754.3S	1231424.7E	FRTEC	305542.7S	1282058.1E	GB2WE	115844.6S	1343915.5E
EY2WI	135754.2S	1231119.6E	FRTEF	305034.9S	1281332.1E	GB2WF	120311.2S	1344824.8E
EY2WJ	140355.8S	1231119.5E	FRTEH	305003.4S	1280415.8E	GB2WG	115558.3S	1344423.4E
EY2WM	135754.3S	1231742.2E	FRTEI	305054.2S	1281919.9E	GB2WH	120644.3S	1345544.5E
EYELA	271534.5S	1502006.3E	FRTEM	305015.3S	1280744.4E	GB2WI	120057.9S	1344350.1E
EYSAW	192301.9S	1451043.8E	FRTND	303758.8S	1280114.2E	GDINA	281900.5S	1502438.3E
EZDON	250000.0S	1202953.7E	FRTNE	303439.3S	1280639.5E	GDINC	281942.8S	1503105.0E
FAFKA	195706.0S	1234048.0E	FRTNF	304440.7S	1280643.9E	GDIND	282519.3S	1503232.7E
FALEE	344549.4S	1381109.3E	FRTNG	303755.3S	1281207.7E	GDINF	282709.7S	1502329.5E
FARMA	174854.7S	1433512.4E	FRTNH	305241.8S	1280647.4E	GDINH	283306.8S	1501724.3E
FASIE	171952.3S	1431052.0E	FRTNI	303940.0S	1280641.7E	GDINI	282326.3S	1502717.4E
FAUKS	282434.9S	1535136.4E	FRTNM	304941.4S	1280646.0E	GDINM	283052.9S	1501941.4E
FB2EE	332410.8S	1481344.6E	FS2EA	222031.5S	1194009.5E	GDISE	284329.3S	1501358.6E
FB2EF	332236.1S	1480157.0E	FS2EB	222616.8S	1194014.9E	GDISF	283520.4S	1501507.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
GDISG	284246.7S	1500730.2E	GIPPS	374236.0S	1480506.0E	GOPMI	132124.7S	1423200.9E
GDISH	282838.7S	1502158.6E	GITOP	352541.3S	1373342.4E	GOPVO	292448.7S	1492646.2E
GDISI	283903.5S	1501118.9E	GITSM	204126.6S	1165428.7E	GORGN	204335.4S	1163841.4E
GDISJ	283710.3S	1500603.1E	GIVEB	311356.8S	1192121.3E	GORMA	315148.7S	1154151.9E
GDISM	283137.3S	1501856.0E	GIVID	391412.4S	1502737.4E	GORPU	340132.0S	1500801.5E
GE2EA	180834.8S	1434059.0E	GIVOT	424151.1S	1473506.0E	GORRI	272710.5S	1525554.3E
GE2EB	181120.5S	1434616.2E	GIXOX	232411.7S	1501732.0E	GORSO	274321.6S	1525443.5E
GE2EC	181702.1S	1434521.8E	GL2NA	293003.4S	1513058.2E	GORTA	342128.0S	1545942.0E
GE2EF	181547.8S	1433651.3E	GL2NC	292517.6S	1513439.5E	GOSKO	374511.5S	1444345.4E
GE2EH	181948.2S	1432822.6E	GL2ND	292641.6S	1514101.6E	GOSNL	320420.9S	1160510.2E
GE2EI	181334.1S	1434133.7E	GL2NF	293439.6S	1513844.6E	GOSVU	203141.9S	1490519.8E
GE2WD	182744.5S	1432242.6E	GL2NH	294209.1S	1514201.3E	GOTLU	414819.7S	1462509.0E
GE2WE	182458.7S	1431725.0E	GL2NI	292958.6S	1513642.0E	GOTSI	192539.4S	1464104.8E
GE2WF	182031.7S	1432650.6E	GL2NM	293920.5S	1514047.5E	GPNSA	113619.4S	1302047.1E
GE2WG	181917.2S	1431819.8E	GL2SE	294854.9S	1515239.1E	GPNSB	113538.7S	1301458.8E
GE2WH	181631.3S	1433519.3E	GL2SF	294510.8S	1514416.0E	GPNSC	113002.2S	1301338.5E
GE2WI	182245.2S	1432207.8E	GL2SG	295402.2S	1514939.1E	GPNSF	112741.7S	1302210.5E
GEDEN	374312.0S	1450054.0E	GL2SH	293712.5S	1513925.6E	GPNSH	112209.1S	1302711.2E
GEKKO	211209.3S	1315023.6E	GL2SI	294936.5S	1514657.5E	GPNSI	113154.0S	1301822.3E
GEMAC	381325.8S	1501930.5E	GL2SJ	295319.7S	1514306.2E	GR2ED	275318.8S	1235646.9E
GEORG	350339.9S	1493011.6E	GLENN	273430.0S	1530112.0E	GR2EE	275545.4S	1240416.5E
GEPEC	274611.6S	1523228.9E	GLOBE	344748.4S	1383354.9E	GR2EF	275958.1S	1235401.6E
GERBL	273429.6S	1522538.4E	GLZED	235155.6S	1512741.8E	GR2EG	280224.8S	1240131.6E
GEROS	350105.5S	1545954.6E	GLZEE	235729.1S	1512919.0E	GR2EH	280356.5S	1234419.0E
GETON	350358.2S	1384437.6E	GLZEF	235402.9S	1511903.7E	GR2EI	275751.8S	1235909.2E
GF2EA	340556.8S	1461440.4E	GLZEG	240047.1S	1512411.0E	GR2WA	281050.3S	1234056.6E
GF2EB	340853.1S	1462036.7E	GLZEH	235526.7S	1510608.4E	GR2WB	280822.4S	1233326.5E
GF2EC	341431.8S	1461919.4E	GLZEI	235546.1S	1512411.3E	GR2WC	280143.6S	1233613.3E
GF2EF	341259.9S	1460937.2E	GLZWA	235217.3S	1505800.7E	GR2WF	280411.2S	1234343.0E
GF2EH	341641.9S	1455943.2E	GLZWC	234252.4S	1510146.5E	GR2WH	280013.2S	1235325.0E
GF2EI	341056.5S	1461507.0E	GLZWF	234915.4S	1510450.7E	GR2WI	280616.9S	1233834.9E
GF2WD	342431.9S	1455232.6E	GLZWH	235303.0S	1511605.6E	GRACY	372050.2S	1413443.3E
GF2WE	342135.3S	1454635.5E	GO2ED	340103.2S	1181607.5E	GRAEM	271856.0S	1531005.1E
GF2WF	341729.1S	1455736.3E	GO2EE	340647.4S	1181632.2E	GREAV	281900.1S	1533811.0E
GF2WG	341556.7S	1454753.6E	GO2EF	340132.2S	1180617.0E	GREGA	170020.2S	1324528.0E
GF2WH	341347.3S	1460730.6E	GO2EG	340904.3S	1181011.7E	GRIGS	345434.8S	1384319.6E
GF2WI	341932.2S	1455206.0E	GO2EH	335719.4S	1175805.8E	GROOK	341204.1S	1511359.5E
GFNNA	293226.4S	1525748.5E	GO2EI	340409.9S	1181124.5E	GS400	235109.1S	1511027.6E
GFNNC	292935.1S	1530330.9E	GO2WA	335617.9S	1174523.4E	GS402	234905.3S	1510932.9E
GFNND	293317.7S	1530832.2E	GO2WB	335033.5S	1174500.8E	GS404	234758.1S	1511232.1E
GFNNF	293934.1S	1530228.4E	GO2WC	334817.8S	1175120.7E	GS408	234921.2S	1511639.0E
GFNNH	295207.6S	1525950.2E	GO2WF	335550.5S	1175513.4E	GS412	235339.0S	1511854.2E
GFNNI	293434.6S	1530259.7E	GO2WH	340003.5S	1180324.4E	GS700	235303.0S	1511605.6E
GG2EA	284659.7S	1171259.0E	GO2WI	335312.1S	1175007.0E	GT2ED	135540.4S	1364058.2E
GG2EB	285240.7S	1171358.8E	GOANA	322629.8S	1540923.5E	GT2EE	140051.1S	1364332.7E
GG2EC	285526.7S	1170815.1E	GOBAR	224504.7S	1475953.6E	GT2EF	135915.9S	1363323.3E
GG2EF	284814.6S	1170346.1E	GODIM	283530.0S	1481300.0E	GT2EG	140459.5S	1363926.2E
GG2EH	284441.1S	1165536.6E	GODIP	120012.0S	1440742.0E	GT2EH	135759.5S	1362515.9E
GG2EI	285027.8S	1170852.4E	GODUK	333626.3S	1503516.3E	GT2EI	140003.6S	1363828.0E
GG2WD	284440.8S	1164335.4E	GODUX	313725.2S	1150818.2E	GT2WA	140100.5S	1361403.8E
GG2WE	283859.6S	1164237.4E	GOGEV	174616.8S	1213338.4E	GT2WB	135549.2S	1361129.5E
GG2WF	284327.5S	1165248.3E	GOGEX	272726.7S	1530513.0E	GT2WC	135141.4S	1361535.9E
GG2WG	283614.7S	1164821.0E	GOKIB	302907.0S	1365236.0E	GT2WF	135725.3S	1362138.6E
GG2WH	284701.2S	1170057.6E	GOKIX	151634.3S	1232608.1E	GT2WH	135841.9S	1362945.9E
GG2WI	284113.6S	1164742.7E	GOKUN	230859.6S	1502753.8E	GT2WI	135637.3S	1361634.0E
GIBIL	353350.6S	1491242.6E	GOKUP	232026.7S	1183305.0E	GU2ED	310004.7S	1502943.6E
GIGEA	312124.3S	1160252.8E	GOLOM	324433.6S	1520721.0E	GU2EE	310549.3S	1502959.7E
GIGEB	312422.1S	1160701.1E	GOLUX	175812.6S	1175217.1E	GU2EF	310024.4S	1502012.0E
GIGEC	312840.2S	1160512.5E	GOMAN	353836.0S	1485448.9E	GU2EH	305531.7S	1501123.6E
GIGEF	312641.7S	1155651.3E	GOMAP	224229.0S	1292028.5E	GU2EI	310306.8S	1502505.8E
GIGEI	312524.0S	1160230.1E	GOMOL	281008.2S	1533014.7E	GU2EJ	310858.8S	1502333.3E
GIGEM	312744.0S	1155220.3E	GOMOM	420910.2S	1451741.4E	GU2WA	305424.9S	1495917.9E
GIGWD	312702.8S	1153822.1E	GOMUB	335530.5S	1504117.2E	GU2WB	304839.8S	1495902.6E
GIGWE	313122.2S	1153632.4E	GOMUL	273316.5S	1352629.5E	GU2WC	304629.6S	1500512.1E
GIGWF	312901.6S	1154642.4E	GONEB	373145.1S	1471839.9E	GU2WF	305405.7S	1500848.4E
GIGWG	313419.3S	1154039.6E	GOOLA	374848.6S	1450034.0E	GU2WH	310415.5S	1500824.7E
GIGWI	313019.6S	1154103.5E	GOOMA	330938.5S	1550258.2E	GU2WI	305122.9S	1500355.4E
GIGWM	312759.4S	1155113.4E	GOONY	350352.7S	1491224.7E	GU2WM	305648.4S	1501341.8E
GILES	350017.7S	1374752.1E	GOOTA	220138.0S	1181918.7E	GUBVO	175348.0S	1253636.0E
GILUM	113636.0S	1390048.0E	GOPLO	304604.0S	1142257.0E	GUDSO	261644.8S	1530614.3E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
GUDUG	070436.0S	0750000.0E	HA2NI	372818.5S	1420344.1E	HG2WI	204220.5S	1440441.7E
GUGAB	294106.8S	1394959.2E	HA2NJ	372635.2S	1415750.3E	HI2ED	102921.8S	1422902.4E
GUGAN	192933.5S	1465104.4E	HA2NK	372318.1S	1420344.7E	HI2EE	103345.8S	1423248.0E
GUGED	281701.3S	1533155.1E	HA2NL	372636.0S	1420938.3E	HI2EF	103440.6S	1422241.4E
GUGIX	353536.6S	1442724.1E	HA2SE	375114.4S	1420937.5E	HI2EG	103845.9S	1422954.5E
GUGMA	353447.7S	1390104.1E	HA2SF	374431.0S	1420342.2E	HI2EH	103524.3S	1421436.0E
GUGON	323012.0S	0750000.0E	HA2SG	375431.7S	1420341.2E	HI2EI	103413.3S	1422744.7E
GUGRA	212336.0S	1162542.0E	HA2SH	373630.5S	1420343.1E	HI2WA	104057.7S	1420527.6E
GUGTI	345355.0S	1383615.5E	HA2SI	374931.4S	1420341.7E	HI2WB	103633.4S	1420142.3E
GUGUK	145628.5S	1385236.0E	HA2SJ	375113.6S	1415745.6E	HI2WC	103133.6S	1420436.2E
GUKEL	163913.3S	1223438.1E	HAAKE	345445.0S	1382012.5E	HI2WF	103539.2S	1421149.1E
GUKON	225621.3S	1213054.4E	HAAVI	251926.7S	1525259.0E	HI2WH	103455.7S	1421954.5E
GUKVI	161454.0S	1341536.0E	HAIGH	314759.9S	1160021.0E	HI2WI	103606.4S	1420645.7E
GULEB	422933.0S	1472323.3E	HALAS	335052.5S	1511544.5E	HIDOT	321249.0S	1162719.5E
GULFF	142200.0S	1400000.0E	HAPPI	345749.5S	1480134.7E	HIINE	284956.1S	1342223.9E
GULFS	345111.1S	1380808.3E	HARBY	314350.7S	1152028.3E	HILAR	313842.8S	1482909.5E
GULNU	391901.2S	1443534.9E	HARIZ	335445.0S	1535038.0E	HIMOD	344820.7S	1384059.9E
GULOP	154912.4S	1415522.4E	HARMN	321012.0S	1155354.0E	HINDS	304741.6S	1163216.5E
GULUM	231312.6S	1282748.8E	HARVS	254259.9S	1560400.5E	HIPPO	352754.9S	1492306.8E
GUMAP	305201.8S	1475353.7E	HAYCO	320824.0S	1154206.0E	HIRST	345437.7S	1385652.4E
GUMBA	274408.0S	1514820.4E	HAZOS	302346.8S	1374043.4E	HM2NA	201204.2S	1484421.4E
GUMKI	271113.0S	1535133.0E	HB2EB	425831.0S	1474204.1E	HM2ND	200719.1S	1485101.2E
GUMUR	123103.2S	1305530.5E	HB2EC	425941.5S	1473812.9E	HM2NF	201528.5S	1485218.8E
GUMUT	192037.4S	1470823.4E	HB2EF	425334.0S	1473519.4E	HM2NH	202328.9S	1485843.7E
GUNAM	144202.5S	1251212.7E	HB2EH	424906.4S	1472916.0E	HM2NI	201050.4S	1484836.3E
GUNGN	315812.7S	1160759.0E	HB2EI	425541.3S	1473812.7E	HM2NM	201928.8S	1485531.2E
GUNOK	313316.8S	1160727.6E	HB2EM	425113.9S	1473208.9E	HM2SE	203031.7S	1490954.5E
GUNRO	163550.1S	1453720.5E	HB2WD	424354.1S	1471129.1E	HM2SF	202725.2S	1490153.4E
GUNTA	331212.1S	1512818.8E	HB2WF	424456.7S	1472339.3E	HM2SH	201929.7S	1485532.0E
GUPDA	152655.0S	1451114.2E	HB2WG	423652.2S	1472146.2E	HM2SI	203046.8S	1490435.4E
GUPKO	335058.7S	1502445.5E	HB2WH	425119.8S	1473216.6E	HM2SM	202329.9S	1485844.5E
GUPOD	121857.1S	1305102.3E	HB2WI	424057.6S	1471817.8E	HM405	203152.4S	1490501.3E
GUPOM	211008.5S	1162249.7E	HB2WM	424912.2S	1472923.9E	HM406	202708.9S	1485659.9E
GUPOX	164453.7S	0800000.0E	HB410	424137.7S	1472556.9E	HM407	203501.9S	1490039.5E
GUPUG	373849.4S	1443529.6E	HB420	424703.7S	1472630.5E	HM501	201550.4S	1485555.6E
GURAB	333855.9S	1152526.8E	HB430	425245.5S	1473412.5E	HM605	201928.8S	1485531.2E
GURSI	340031.8S	1505308.9E	HB510	425207.4S	1474002.6E	HM610	201838.5S	1485450.9E
GURUD	742742.0S	1630000.0E	HB520	425230.3S	1473352.8E	HM615	202119.4S	1485313.6E
GUSDO	340018.9S	1502743.1E	HB530	424743.7S	1472722.2E	HM640	201455.4S	1485152.3E
GUSNI	281223.4S	1503316.7E	HCQNA	180207.7S	1274512.8E	HM642	201149.0S	1485415.9E
GUSNU	125410.8S	1293758.3E	HCQNC	180300.4S	1275109.7E	HM647	201318.4S	1485539.0E
GUSPU	341414.6S	1510250.9E	HCQND	180839.2S	1275220.2E	HM660	201050.1S	1484836.1E
GUTBI	295150.0S	1523003.0E	HCQNF	181015.3S	1274353.9E	HM684	202152.8S	1485726.7E
GUTEV	080424.0S	1311936.0E	HCQNH	181603.1S	1273804.9E	HM685	202617.0S	1490058.6E
GUTIV	335438.5S	1530614.4E	HCQNI	180637.9S	1274731.9E	HM690	202315.2S	1490513.2E
GUTLI	240636.6S	1164749.9E	HCQNM	181352.7S	1274015.8E	HM695	200428.1S	1485010.2E
GUTMO	350924.4S	1491236.2E	HCQSE	182612.3S	1273443.3E	HM710	202415.2S	1485920.9E
GUTOR	274211.0S	1525949.7E	HCQSF	181804.7S	1273602.7E	HM715	202750.0S	1485917.5E
GUTSA	211909.1S	1491623.6E	HCQSG	182519.1S	1272845.6E	HM720	203114.5S	1485810.3E
GUTTA	271043.8S	1530743.4E	HCQSH	181217.0S	1274151.9E	HM735	202727.3S	1490155.1E
GUVBO	330401.0S	1472652.8E	HCQSI	182141.9S	1273224.2E	HM740	202927.2S	1490331.4E
GUVIX	264403.5S	1532146.5E	HCQSJ	181940.1S	1272735.8E	HM745	203324.0S	1490613.2E
GUVNA	230200.1S	1184124.8E	HCQSM	181427.4S	1273941.0E	HM764	202037.0S	1485625.9E
GUVUS	243836.0S	1472724.0E	HEALE	130848.0S	1400000.0E	HM765	201636.8S	1485313.4E
GUXIB	233808.6S	1593048.1E	HECTO	330018.0S	1203054.0E	HM770	201335.2S	1485727.9E
GUXOT	312008.0S	1521733.4E	HELLI	131434.6S	1294937.0E	HM775	202840.1S	1490934.4E
GW2NA	283422.2S	1144148.9E	HENDO	171314.8S	1455416.0E	HM831	203049.3S	1485923.8E
GW2NC	283243.4S	1144803.3E	HERNE	314948.5S	1160341.8E	HM832	202900.6S	1490009.5E
GW2ND	283720.1S	1145156.7E	HEWIT	423000.6S	1505528.6E	HM834	202501.7S	1485958.2E
GW2NF	284214.3S	1144428.6E	HG2EA	205230.9S	1442649.6E	HM836	202824.5S	1490241.0E
GW2NH	284950.9S	1144136.4E	HG2EB	205815.9S	1442632.1E	HM838	203338.1S	1490619.7E
GW2NI	283728.9S	1144616.1E	HG2EC	205958.4S	1442040.8E	HM841	201720.9S	1485348.7E
GW2SE	290109.2S	1144258.6E	HG2EF	205207.2S	1441805.4E	HM842	201331.7S	1485656.0E
GW2SF	285317.0S	1144018.5E	HG2EH	204635.0S	1441029.9E	HM843	201624.6S	1485830.4E
GW2SG	290247.7S	1143642.4E	HG2EI	205511.6S	1442218.6E	HO2EA	320044.8S	1195922.3E
GW2SH	284540.3S	1144311.0E	HG2WD	204500.6S	1440010.7E	HO2EB	320507.5S	1200344.7E
GW2SI	285802.4S	1143830.5E	HG2WE	203915.6S	1440029.2E	HO2EC	321007.3S	1200024.5E
GW2SJ	285810.5S	1143248.6E	HG2WF	204525.2S	1440854.5E	HO2EF	320603.6S	1195201.5E
HA2NF	373318.8S	1420343.5E	HG2WG	203733.9S	1440619.8E	HO2EH	320648.0S	1194236.0E
HA2NH	374215.9S	1420435.0E	HG2WH	205057.5S	1441629.8E	HO2EI	320535.7S	1195753.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
HO2WE	320757.4S	1192731.6E	HX2ND	341955.7S	1445545.0E	IDOTO	113106.0S	1263848.4E
HO2WF	320703.5S	1193915.2E	HX2NE	342047.2S	1450236.0E	IDPAT	274335.4S	1531720.4E
HO2WG	320258.4S	1193053.5E	HX2NF	342802.6S	1445416.0E	IDPEP	324128.4S	1513320.9E
HO2WH	320619.7S	1194837.3E	HX2NG	342625.1S	1450358.5E	IDPIL	143823.2S	1322947.0E
HO2WI	320730.6S	1193323.4E	HX2NH	343434.3S	1444645.3E	IDRAS	271600.5S	1534730.3E
HOBBO	120000.0S	1530932.7E	HX2NI	342424.9S	1445826.1E	IDRET	262935.1S	1385128.3E
HODDA	131604.4S	1315755.6E	HX2SA	344358.9S	1444346.5E	IDRIL	274152.3S	1533424.7E
HOKOR	133718.0S	1380000.0E	HX2SB	344307.2S	1443653.7E	IDRIM	234935.0S	1162243.7E
HOLIT	342756.9S	1382122.7E	HX2SC	343729.2S	1443531.6E	IDROP	345020.1S	1492851.2E
HONEY	353555.3S	1490345.1E	HX2SF	343552.2S	1444515.6E	IDRUG	425217.0S	1474503.0E
HONGI	212957.3S	1312123.7E	HX2SH	342920.6S	1445246.5E	IDSAX	324448.4S	1515705.5E
HOODY	342454.0S	1193436.0E	HX2SI	343929.7S	1444104.7E	IDSEB	320705.8S	1513740.4E
HOOLI	215651.7S	1180743.9E	IA2EF	223453.8S	1200827.0E	IDSOM	325937.6S	1513535.5E
HOORN	205051.6S	1163250.3E	IA2EG	223010.8S	1201644.7E	IDSOR	424632.4S	1472548.3E
HORSH	374335.7S	1445055.2E	IA2EH	223453.8S	1202018.0E	IDSUP	325610.7S	1500103.1E
HOTTA	222936.0S	1425812.0E	IA2EI	223453.7S	1201453.8E	IDUSO	290111.2S	1371842.3E
HOVEA	315242.0S	1160454.2E	IA2EJ	223936.6S	1201644.7E	IDVIL	353554.5S	1444712.1E
HOWLY	344600.0S	1473636.0E	IA2WB	223936.5S	1194732.7E	IE2NE	210604.2S	1492211.5E
HR2EA	125106.8S	1433225.6E	IA2WF	223453.7S	1195550.5E	IE2NF	211114.3S	1492452.6E
HR2EB	125652.2S	1433226.6E	IA2WI	223453.6S	1194923.6E	IE2NG	210502.0S	1492423.1E
HR2EC	125851.3S	1432656.0E	IB3EA	211828.9S	1190658.0E	IE2NI	210802.1S	1492437.4E
HR2EF	125108.1S	1432402.7E	IB3EB	212410.2S	1190754.2E	IE2NJ	210545.2S	1492643.0E
HR2EH	124558.1S	1431730.0E	IB3EC	212656.4S	1190230.8E	IE2NM	211517.2S	1492511.9E
HR2EI	125400.2S	1432814.6E	IB3EF	211943.8S	1185817.7E	IFFEY	315733.6S	1542130.7E
HR2EM	124815.9S	1431950.9E	IB3EH	211544.3S	1184940.7E	IFLEA	174105.9S	1461321.8E
HR2WD	124300.7S	1430346.8E	IB3EI	212157.1S	1190305.8E	IFLEB	174638.0S	1461142.3E
HR2WE	123715.0S	1430346.4E	IB3WD	211554.3S	1183842.6E	IFLEC	174701.9S	1460542.5E
HR2WF	124300.1S	1431209.7E	IB3WF	211440.3S	1184722.8E	IFLEF	173849.6S	1460507.1E
HR2WG	123516.4S	1430917.0E	IB3WG	210727.4S	1184310.8E	IFLEH	172512.2S	1460310.5E
HR2WH	124844.9S	1432033.3E	IB3WH	211841.8S	1185603.7E	IFLEI	174243.8S	1460824.7E
HR2WI	124007.6S	1430758.0E	IB3WI	211226.6S	1184235.1E	IFLEM	173455.3S	1460149.7E
HS2EA	363520.8S	1422558.9E	IBABI	333751.1S	1410051.2E	IG2EA	182954.4S	1461524.5E
HS2EB	364001.5S	1423006.9E	IBADI	324444.1S	1515726.8E	IG2EB	183128.1S	1462240.1E
HS2EC	364445.3S	1422604.4E	IBARU	373319.9S	1452727.0E	IG2EC	183713.2S	1462223.1E
HS2EF	364005.9S	1421741.1E	IBIMO	340520.9S	1420134.6E	IG2EF	183649.9S	1461346.2E
HS2EH	364008.6S	1420744.3E	IBIMU	273450.0S	1533535.8E	IG2EH	184223.6S	1461013.8E
HS2EI	364003.9S	1422354.1E	IBOBO	381714.5S	1422713.3E	IG2EI	183409.0S	1461813.2E
HS2EM	364007.7S	1421128.1E	IBODA	320135.6S	1451905.1E	IG2EM	183930.6S	1460919.0E
HS2WD	364453.1S	1415521.8E	IBOMU	122353.2S	1321606.3E	IGALA	335045.5S	1510859.9E
HS2WE	364011.1S	1415115.6E	IBORI	221643.7S	1471218.2E	IGARU	272514.1S	1531642.2E
HS2WF	364009.4S	1420341.6E	IBUNA	270327.8S	1522831.8E	IGASO	263818.5S	1164404.4E
HS2WG	363528.4S	1415520.2E	IBUNO	190000.0S	1464900.0E	IGBAK	324846.7S	1512627.8E
HS2WH	363320.3S	1421121.2E	IBUPA	244837.7S	1180632.7E	IGBER	204503.5S	1152638.0E
HS2WI	364010.4S	1415728.6E	IBUSU	160438.3S	1361818.1E	IGBIK	191451.5S	1463548.8E
HS2WM	364008.1S	1420954.6E	IBUXI	184121.4S	1463041.3E	IGBIR	125255.2S	1311752.8E
HT2ED	200058.1S	1463010.7E	IDAGO	332905.0S	1534515.0E	IGBON	270621.8S	1530707.4E
HT2EE	195514.8S	1463052.6E	IDANU	264057.7S	1354346.2E	IGBOV	122837.9S	1304352.9E
HT2EF	200001.2S	1462132.1E	IDBAB	300540.0S	1521758.0E	IGBUS	271411.5S	1532940.3E
HT2EH	200350.0S	1461403.2E	IDBIM	340028.5S	1511443.6E	IGDAM	322954.7S	1505444.9E
HT2EI	195738.1S	1462612.4E	IDBUG	294021.7S	1483941.2E	IGDEB	233326.3S	1332257.2E
HT2WA	201234.8S	1460723.5E	IDEKI	335813.9S	1504709.0E	IGDEL	351537.7S	1484003.4E
HT2WB	200959.3S	1460156.6E	IDELU	113545.4S	1362148.1E	IGDIT	292521.6S	1483501.0E
HT2WC	200416.2S	1460239.6E	IDETU	161153.5S	1442011.5E	IGIKI	180319.5S	1461352.1E
HT2WF	200513.9S	1461118.3E	IDEVI	061300.0S	0831854.0E	IGIPA	334438.1S	1414900.3E
HT2WH	200125.3S	1461847.3E	IDGIB	304508.6S	1212035.9E	IGLAP	282526.9S	1535930.1E
HT2WI	200736.7S	1460637.6E	IDGIG	311917.7S	1481834.9E	IGLUM	325417.3S	1513341.3E
HUMOK	311912.0S	1472800.0E	IDIDI	321146.6S	1493228.9E	IGLUT	215629.1S	1153430.7E
HUUGO	280523.3S	1525529.2E	IDKEG	292646.9S	1420329.3E	IGMAS	271434.3S	1524710.0E
HV2EA	252104.2S	1530726.2E	IDKOS	271548.4S	1533634.8E	IGMET	351109.5S	1484821.8E
HV2EB	252647.3S	1530808.8E	IDLEG	260848.3S	1505451.4E	IGMIM	284634.0S	1533220.0E
HV2EC	252921.0S	1530228.3E	IDLUD	121538.5S	1304105.3E	IGMOB	322532.7S	1513629.1E
HV2EF	252159.3S	1525826.8E	IDMIG	142253.5S	1321655.3E	IGMOL	163055.6S	1453757.2E
HV2EH	251641.7S	1524747.3E	IDMIK	212100.5S	1163258.0E	IGMUP	325543.3S	1515133.5E
HV2EI	252423.4S	1530317.7E	IDNER	285228.5S	1530252.7E	IGNES	374634.4S	1443041.6E
HV2WD	251725.7S	1523828.1E	IDNOB	310148.0S	1484808.0E	IGNIX	241847.5S	1444536.7E
HV2WE	251142.5S	1523746.8E	IDNUT	313134.6S	1432229.3E	IGNOM	312956.2S	1154106.2E
HV2WF	251631.7S	1524727.1E	IDODA	292646.4S	1450214.8E	IGNUL	125800.0S	1435800.0E
HV2WG	250909.8S	1524327.0E	IDODO	650000.0S	1542718.0E	IGNUV	323750.9S	1515531.4E
HV2WH	252022.6S	1525511.9E	IDOGI	305035.1S	1502740.1E	IGOKO	285635.9S	1184201.7E
HV2WI	251407.2S	1524236.8E	IDOKU	181532.7S	1110650.8E	IGOLO	263105.1S	1530107.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
IGOMU	280059.8S	1532534.3E	IPLET	422052.8S	1474648.5E	ISTUR	281226.0S	1460909.0E
IGOPO	115639.8S	1340705.8E	IPLOP	364455.0S	1490021.0E	ISVAN	271318.1S	1525601.6E
IGORU	205919.3S	1152020.2E	IPMAD	254936.0S	1453006.0E	ISVUP	324628.7S	1513208.7E
IGPIV	273725.4S	1531558.3E	IPMED	323907.0S	1513803.9E	ITBAP	205926.9S	1132554.4E
IGPON	374013.7S	1451302.3E	IPMOR	315215.0S	1153142.1E	ITIDE	264406.5S	1532923.7E
IGRIN	340100.0S	1551100.0E	IPNET	225042.8S	1500544.8E	ITORT	191806.6S	1460736.1E
IGROB	314911.3S	1190522.6E	IPNOS	283955.0S	1533456.0E	ITSMA	174925.1S	1321605.7E
IGUBO	113545.6S	1032032.9E	IPRAM	295338.7S	1452904.4E	ITTSA	123632.5S	1311158.7E
IGUPI	262848.9S	1515541.6E	IPRIS	214424.0S	1135212.0E	IV2SA	300509.9S	1511656.7E
IGURI	360516.6S	1465056.6E	IRMEL	274724.7S	1533020.4E	IV2SB	300919.9S	1511223.4E
IGUVI	132702.4S	1331432.2E	IRMOX	264610.0S	1503701.0E	IV2SC	300701.8S	1510619.6E
IH2NA	324146.4S	1441129.3E	IRNOD	313840.0S	1151256.1E	IV2SF	295930.4S	1511006.3E
IH2NC	323757.3S	1441633.7E	IRPES	323600.3S	1512759.0E	IV2SH	295138.7S	1510817.0E
IH2ND	324040.7S	1442232.5E	IRPIM	272951.0S	1525549.4E	IV2SI	300425.1S	1511114.8E
IH2NF	324754.2S	1441756.5E	IRPIR	320848.4S	1510131.4E	IV2SM	295435.6S	1510857.9E
IH2NH	325551.7S	1441902.9E	IRPOD	280117.5S	1532453.9E	IVPEM	323136.0S	1280000.0E
IH2NI	324255.7S	1441715.1E	IRPOM	140936.0S	1283612.0E	IVPEN	232346.3S	1254149.7E
IH2SE	330438.6S	1442554.0E	IRSAG	334307.7S	1510242.4E	IVPIL	335017.8S	1193627.3E
IH2SF	325831.2S	1441925.1E	IRSIL	310715.9S	1483856.5E	IVPOL	305418.1S	1524455.2E
IH2SG	330828.0S	1442048.3E	IRSOM	411012.0S	1462603.2E	IVRAD	264930.9S	1450509.4E
IH2SH	325033.7S	1441818.6E	IRTAV	181055.8S	1234725.2E	IVRAX	360856.6S	1465947.4E
IH2SI	330329.6S	1442006.6E	IRTED	272800.1S	1534415.3E	IVSES	324150.1S	1515435.7E
IH2SJ	330544.5S	1441447.7E	IRVAK	373048.9S	1434725.8E	IVSUD	203226.6S	1490434.2E
IKABI	193422.9S	1393444.0E	IRVIT	315206.0S	1470548.0E	IVTAG	330216.9S	1514528.2E
IKANO	375744.1S	1442849.3E	IRVUL	270714.0S	1531428.3E	IVTET	310925.7S	1500357.4E
IKASA	200000.0S	1032909.6E	IS400	284502.8S	1531312.6E	IVTON	323219.0S	1510155.3E
IKASO	132607.5S	1281140.5E	IS401	284417.4S	1530714.1E	IW2NA	210444.7S	1491816.2E
IKEBU	325226.6S	1514702.3E	IS403	285508.8S	1531214.4E	IW2NC	210342.5S	1492027.8E
IKEKO	283259.5S	1515747.8E	IS404	285558.0S	1530857.0E	IW2ND	210425.8S	1492247.7E
IKELI	273220.6S	1524009.1E	IS405	285710.8S	1530404.1E	IW2NF	210954.9S	1492057.2E
IKEMI	332121.5S	1313000.0E	ISAAK	222254.0S	1484030.0E	IW2NI	210642.7S	1492042.0E
IKETU	423442.5S	1470936.4E	ISBEX	342218.4S	1505935.7E	IW2NM	211745.8S	1492134.4E
IKEVA	291257.0S	1164112.0E	ISBOV	340454.6S	1512057.6E	JA2EA	123547.6S	1330640.0E
IKEXO	103640.4S	1044906.5E	ISBUL	334218.4S	1501123.8E	JA2EB	124045.8S	1330937.8E
IKIDA	334830.9S	1505432.9E	ISDAG	295321.0S	1524125.0E	JA2EC	124511.9S	1330553.1E
IKIMO	325137.8S	1514202.4E	ISDIT	334222.9S	1505025.8E	JA2EF	123956.8S	1325926.2E
IKISA	262920.6S	1531700.9E	ISDOR	260754.0S	1173223.4E	JA2EH	123917.3S	1325116.9E
IKIVU	345318.3S	1381111.4E	ISDUS	323919.2S	1514341.0E	JA2EI	124021.4S	1330432.0E
IKOBI	423143.4S	1470952.4E	ISGEL	312242.3S	1452007.1E	JA2WD	124307.0S	1324008.2E
IKODA	163724.0S	1572654.0E	ISGOX	223821.4S	1170214.2E	JA2WE	123808.5S	1323711.0E
IKOLA	192412.0S	1414100.0E	ISKAN	165234.1S	1175814.6E	JA2WF	123858.3S	1324722.3E
IKOMI	134800.0S	1433700.0E	ISKIM	293056.7S	1513947.0E	JA2WG	123342.9S	1324055.9E
IKORO	335715.8S	1505212.7E	ISKOT	344049.8S	1381650.3E	JA2WH	123424.2S	1325253.1E
IKUMA	102548.0S	1270806.0E	ISLAV	325137.7S	1322047.6E	JA2WI	123833.5S	1324216.6E
IKUNA	374706.0S	1442700.0E	ISLIP	221738.5S	1192612.4E	JAAPI	281832.2S	1533553.4E
IMATI	272919.7S	1522334.5E	ISMER	334525.5S	1504950.2E	JACKA	384612.0S	1451548.0E
IMBND	325315.9S	1363301.7E	ISMIR	413910.1S	1471811.7E	JACKI	120845.1S	1293425.9E
IMBNE	325346.9S	1363948.8E	ISMOR	283010.7S	1311148.8E	JADEL	373348.0S	1445706.0E
IMBNF	330126.3S	1363208.9E	ISMUD	093746.5S	1262659.5E	JAFFA	312230.0S	1514136.0E
IMBNG	325920.1S	1364133.8E	ISMUM	332940.3S	1514331.9E	JAKLN	340849.0S	1512224.1E
IMBNH	330733.5S	1362600.0E	ISMUN	181739.9S	1433256.6E	JAMBO	325135.6S	1240000.0E
IMBNI	325736.6S	1363559.0E	ISNER	174105.1S	1454809.8E	JAMMO	371639.3S	1504716.5E
IMBSA	331754.8S	1362254.3E	ISNET	344404.0S	1534829.0E	JANDO	320530.4S	1155515.1E
IMBSB	331722.9S	1361605.5E	ISNOL	342312.4S	1485831.8E	JANGU	384554.0S	1484130.0E
IMBSC	331149.3S	1361421.7E	ISNUG	324119.4S	1461446.2E	JARJA	325639.7S	1513023.7E
IMBSF	330944.4S	1362348.2E	ISPAB	224900.0S	1492336.6E	JATAR	162639.4S	1252821.4E
IMBSH	330337.3S	1362957.4E	ISPAM	374805.6S	1443026.4E	JAVVI	020000.0S	0850000.0E
IMBSI	331333.7S	1361957.0E	ISPEG	374312.0S	1443612.0E	JAYBI	373827.7S	1443202.9E
INDEE	280443.0S	1533058.0E	ISPET	320100.0S	1154448.0E	JAYDE	290428.1S	1531455.4E
INGMA	360602.9S	1600146.4E	ISPID	141051.4S	1511040.3E	JBYND	345525.8S	1503531.8E
INOKE	320200.4S	1511929.2E	ISPON	271143.6S	1532453.0E	JBYNE	345647.6S	1504218.4E
INTOG	353900.4S	1390423.1E	ISRAK	210445.5S	1163209.9E	JBYNF	350446.0S	1503956.2E
INVIX	313958.8S	1170511.1E	ISRAL	450000.0S	1475524.0E	JBYNI	350005.9S	1503744.0E
INVUS	335432.4S	1534428.3E	ISRAN	114300.0S	1063306.0E	JBYNM	350830.2S	1504141.8E
IPDIG	315902.8S	1155231.0E	ISRED	335306.0S	1313000.0E	JEDDA	270925.6S	1515710.3E
IPGAV	271952.0S	1534116.2E	ISREV	322822.4S	1504857.3E	JELLI	335337.8S	1512242.8E
IPGER	331959.9S	1194122.5E	ISROV	331853.7S	1385650.2E	JEMMA	194910.6S	1471130.4E
IPGOK	310444.9S	1480735.7E	ISRUP	314138.6S	1161316.7E	JENTL	334839.9S	1510917.6E
IPGUX	322629.0S	1514328.5E	ISTEM	243551.2S	1602300.1E	JEZZA	272206.0S	1530628.0E
IPLAV	174503.9S	1393154.3E	ISTIG	425016.3S	1473923.2E	JILGO	250000.0S	1191055.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
JIRRA	234314.5S	1340836.0E	KA958	204859.4S	1163602.4E	KASGU	263833.6S	1530732.0E
JITRA	230805.6S	1501901.0E	KA971	204844.1S	1164729.1E	KASLI	341236.7S	1415843.8E
JL2ED	203914.4S	1415710.8E	KA972	204958.5S	1163533.7E	KASNA	164348.5S	1454056.2E
JL2EE	204442.8S	1415903.6E	KABEK	332318.6S	1392439.6E	KASNO	281911.0S	1533722.0E
JL2EF	204145.9S	1414851.8E	KABIX	301723.4S	1473217.5E	KASPA	254846.7S	1523209.6E
JL2EG	204815.2S	1415413.6E	KABLI	321050.0S	1165400.2E	KASPI	163606.0S	1454630.0E
JL2EH	203924.0S	1414042.6E	KABLO	340416.8S	1503603.6E	KASRU	175704.7S	1221412.9E
JL2EI	204314.5S	1415357.7E	KABRO	251907.8S	1192521.6E	KATCM	310917.7S	1172709.5E
JL2EM	204017.3S	1414346.0E	KABTA	055430.0S	0790000.0E	KATIA	352948.3S	1491140.9E
JL2WA	204056.4S	1412902.2E	KACEY	352637.2S	1465332.0E	KAYOK	274430.5S	1162601.0E
JL2WB	203527.3S	1412710.0E	KADAP	020000.0S	0840936.0E	KBYED	325415.5S	1343210.1E
JL2WC	203155.7S	1413159.5E	KADBA	261242.2S	1325207.7E	KBYEE	325959.2S	1343138.0E
JL2WF	203825.4S	1413721.0E	KADEM	174854.0S	0750000.0E	KBYEF	325336.4S	1342228.2E
JL2WH	204047.5S	1414530.1E	KADLU	245321.1S	1145149.9E	KBYEG	330131.1S	1342503.6E
JL2WI	203656.4S	1413215.4E	KADMU	190550.6S	1433938.5E	KBYEH	324829.7S	1341509.4E
JL2WM	203954.3S	1414226.7E	KADOM	334238.9S	1501758.6E	KBYEI	325647.9S	1342703.0E
JN2ND	304746.3S	1315742.5E	KADON	425557.0S	1473845.0E	KBYEM	325024.8S	1341753.9E
JN2NE	304213.0S	1315924.6E	KADPA	333607.7S	1485716.5E	KBYWA	324604.4S	1340258.9E
JN2NF	304952.0S	1320654.0E	KADRU	381407.4S	1475207.5E	KBYWB	324020.7S	1340332.7E
JN2NG	304141.7S	1320601.9E	KADSI	310329.5S	1524724.5E	KBYWC	323849.9S	1341006.0E
JN2NH	305558.9S	1321254.3E	KADUN	222100.4S	1215106.5E	KBYWF	324644.9S	1341239.8E
JN2NI	304602.5S	1320309.1E	KAFRI	332947.2S	1510537.4E	KBYWH	325151.8S	1341958.4E
JN2SA	310019.7S	1322421.3E	KAGBU	190555.2S	1230633.5E	KBYWI	324332.9S	1340806.1E
JN2SB	310553.4S	1322240.2E	KAGDI	230352.2S	1151620.5E	KBYWM	324956.8S	1341713.8E
JN2SC	310625.4S	1321601.3E	KAGES	185738.8S	1470454.1E	KC2NA	352940.6S	1373140.5E
JN2SF	305815.2S	1321508.4E	KAGIT	333332.2S	1151831.2E	KC2NC	352818.6S	1373829.8E
JN2SH	305208.3S	1320907.8E	KAGMI	314457.2S	1145428.5E	KC2ND	353304.9S	1374224.4E
JN2SI	310204.3S	1321854.2E	KAGRI	412754.3S	1575000.5E	KC2NF	353738.7S	1373403.6E
JNORT	181019.1S	1222414.3E	KAGRO	332745.0S	1373405.0E	KC2NH	354506.7S	1373029.8E
JOKER	312500.0S	1515148.0E	KAKAG	164825.0S	1455017.0E	KC2NI	353258.7S	1373616.8E
JOLLY	230000.0S	1100000.0E	KAKAL	141806.0S	1340424.0E	KC2SE	355425.1S	1373237.7E
JORDY	322332.9S	1544112.4E	KAKDO	290557.5S	1222710.9E	KC2SF	354756.0S	1372908.2E
JOSBU	330812.6S	1164024.2E	KAKEB	271646.3S	1532405.4E	KC2SG	355715.6S	1372439.2E
JOSHU	134543.1S	1305622.4E	KAKLU	344635.7S	1392443.9E	KC2SH	353836.4S	1373336.6E
JOSSO	381554.0S	1470630.0E	KAKMA	290113.3S	1675402.7E	KC2SI	355235.8S	1372653.7E
JU2WA	263129.7S	1202125.6E	KAKNU	340204.0S	1503430.8E	KC2SJ	355046.3S	1372110.1E
JU2WB	262712.3S	1201709.4E	KAKOR	550000.0S	1502106.0E	KD2ED	223019.0S	1191716.2E
JU2WC	262208.3S	1202010.1E	KAKRO	192342.0S	1463406.0E	KD2EE	223700.1S	1191948.8E
JU2WF	262600.8S	1202813.1E	KAKTU	184514.0S	1384211.0E	KD2EF	223240.9S	1191004.0E
JU2WH	262451.9S	1203843.5E	KAKVI	281729.0S	1535343.8E	KD2EH	222846.8S	1190117.7E
JU2WI	262636.7S	1202241.3E	KAKVU	333747.0S	1171445.8E	KD2EI	223450.7S	1191456.6E
JU2WM	262524.6S	1203344.9E	KALBA	185702.1S	1460143.9E	KD2WB	222322.2S	1184910.6E
JUGGL	205502.6S	1253928.2E	KALBI	085218.0S	0750000.0E	KD2WC	222033.1S	1185434.1E
JULES	150930.8S	1304633.5E	KALBO	314840.3S	1151620.1E	KD2WF	222742.9S	1185854.4E
JULIA	341457.0S	1511931.4E	KALKA	353150.2S	1490905.0E	KD2WH	223117.9S	1190657.4E
JULIE	114745.7S	1294213.2E	KALSA	232638.9S	1190842.7E	KD2WI	222532.7S	1185402.4E
JULIM	312458.6S	1161738.4E	KALTO	270358.1S	1533519.7E	KE2ND	353846.3S	1434610.3E
JULUP	133312.8S	1301025.5E	KALUG	255400.0S	1364330.0E	KE2NF	354126.4S	1435331.1E
JUSAN	124820.1S	0993756.5E	KALUV	232500.0S	1163500.0E	KE2NG	353456.5S	1435404.3E
JUSTY	375602.0S	1443422.1E	KALVI	195022.7S	1451750.6E	KE2NH	354818.3S	1435835.2E
KA2EA	203643.1S	1165903.1E	KAMBA	332941.2S	1512557.3E	KE2NI	353800.4S	1435059.3E
KA2EB	204102.5S	1170305.4E	KAMBI	340805.6S	1352023.3E	KE2NK	353434.4S	1434827.6E
KA2EC	204605.6S	1170009.3E	KAMSO	123544.7S	1305927.1E	KE2SA	355127.8S	1440619.1E
KA2EF	204208.9S	1165229.3E	KAMUN	033018.0S	0805330.0E	KE2SB	355539.8S	1440401.6E
KA2EH	204302.3S	1164400.5E	KANBU	231048.0S	1492900.0E	KE2SC	355520.7S	1435823.4E
KA2EI	204135.7S	1165747.4E	KANGI	235831.1S	1453102.6E	KE2SF	354847.9S	1435857.1E
KA2WD	204849.8S	1163401.5E	KANKO	262823.3S	1490433.2E	KE2SH	354156.0S	1435353.0E
KA2WE	204430.6S	1162958.7E	KANLI	421920.8S	1472356.0E	KE2SI	355213.9S	1440129.3E
KA2WF	204323.8S	1164034.9E	KANLU	244248.0S	1502312.0E	KEATS	353236.3S	1485247.2E
KA2WG	203927.4S	1163254.6E	KANRA	204756.7S	1152543.3E	KEBAB	331621.0S	1542933.6E
KA2WH	204230.5S	1164903.8E	KANRO	425345.3S	1473712.3E	KEDDY	343433.5S	1492734.0E
KA2WI	204357.1S	1163516.8E	KAPGA	225808.1S	1184849.0E	KEEFO	345800.9S	1381649.9E
KA902	204324.7S	1164024.2E	KAPNI	185645.3S	1221958.3E	KEELA	374430.0S	1444718.0E
KA904	204210.6S	1165212.8E	KAPSA	300456.4S	1524955.5E	KEEWI	164548.0S	1455600.0E
KA906	204152.6S	1165312.8E	KAPSO	120000.0S	1464300.0E	KEGAN	280109.9S	1533517.4E
KA910	204839.8S	1163838.0E	KAPSU	282413.8S	1240935.5E	KELAN	375703.0S	1472424.0E
KA918	204732.6S	1164418.6E	KARDI	324634.0S	1511443.7E	KELLA	313255.1S	1173921.9E
KA922	204153.9S	1165158.5E	KARGO	320409.4S	1160604.2E	KELLY	354149.5S	1485115.2E
KA936	205234.3S	1163944.7E	KASBA	273420.8S	1531046.5E	KELPI	223410.2S	1513511.6E
KA940	205052.2S	1165600.5E	KASBU	350929.4S	1384117.2E	KELTA	345942.8S	1381949.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
KELVN	130924.0S	1363742.0E	KI2WE	394609.4S	1433431.7E	KOIKI	320753.7S	1161337.0E
KEPPA	364747.7S	1435833.0E	KI2WF	395019.7S	1434619.4E	KOOKA	154249.8S	1432534.1E
KERIN	161236.0S	1411742.0E	KI2WG	394315.4S	1434056.8E	KOOLI	122411.4S	1310639.0E
KERRI	280910.6S	1533718.0E	KI2WH	395339.1S	1435546.6E	KOORI	315133.8S	1160703.2E
KETEN	250417.3S	1520128.0E	KI2WI	394814.7S	1434025.4E	KOUPA	272002.0S	1531421.0E
KEVEK	374956.4S	1444415.5E	KIBAT	285805.3S	1551853.7E	KQ2ED	291414.9S	1165559.5E
KEVIE	271809.1S	1524618.3E	KIBET	123929.0S	1325336.0E	KQ2EF	291527.2S	1164643.7E
KEVIG	370547.3S	1450301.6E	KIBOP	175811.0S	1450649.9E	KQ2EG	292240.6S	1165111.2E
KEVIN	340811.5S	1512216.8E	KIDEX	275935.7S	1434853.8E	KQ2EH	291151.4S	1163833.3E
KEXAR	322817.3S	1512443.8E	KIGAG	381605.2S	1471706.9E	KQ2EI	291741.8S	1165150.5E
KEXIM	222448.9S	1295021.4E	KIGOS	124130.7S	1304357.8E	KQ2WA	291147.7S	1162628.6E
KEXIP	335618.7S	1502004.1E	KIKAN	212152.2S	1340323.7E	KQ2WB	290606.3S	1162532.4E
KF2ED	221356.0S	1162156.1E	KIKEL	334604.3S	1504255.6E	KQ2WC	290323.0S	1163118.4E
KF2EF	221337.4S	1161355.8E	KIKEM	095254.0S	1260724.0E	KQ2WF	291036.9S	1163544.3E
KF2EG	222104.2S	1161421.3E	KIKEX	372930.0S	1445648.3E	KQ2WH	291412.8S	1164354.5E
KF2EH	220750.7S	1160739.5E	KIKOV	350443.7S	1385550.8E	KQ2WI	290821.7S	1163038.3E
KF2EI	221730.1S	1161808.8E	KILEL	230930.0S	1164624.0E	KR2NA	262243.3S	1514227.9E
KF2WA	220407.5S	1155626.5E	KILIK	111012.9S	1264812.1E	KR2NC	261835.5S	1514654.6E
KF2WB	215827.1S	1155729.3E	KIMMI	143849.7S	1443008.9E	KR2ND	262056.3S	1515244.3E
KF2WC	215725.6S	1160333.5E	KINAB	313516.0S	1194302.4E	KR2NF	262826.4S	1514901.0E
KF2WF	220530.9S	1160508.0E	KIPPA	200440.9S	1431341.7E	KR2NH	263619.0S	1515042.5E
KF2WH	221116.8S	1161123.1E	KITTY	122945.0S	1305133.3E	KR2NI	262330.9S	1514757.8E
KF2WI	220159.0S	1160118.5E	KKGND	171300.4S	1305127.3E	KR2NM	263321.8S	1515004.4E
KG2ND	303428.9S	1212337.9E	KKGNE	171251.5S	1305726.7E	KR2SE	264550.1S	1515806.1E
KG2NE	303139.0S	1212924.8E	KKGNF	172113.8S	1305140.4E	KR2SF	264007.3S	1515131.6E
KG2NF	304137.6S	1212818.6E	KKGNG	171813.0S	1305938.5E	KR2SG	264958.1S	1515338.7E
KG2NG	303522.7S	1213428.1E	KKGNH	172755.4S	1304703.0E	KR2SH	263123.9S	1515406.3E
KG2NH	304936.6S	1212725.5E	KKGNI	171702.7S	1305433.6E	KR2SI	264502.7S	1515235.1E
KG2NI	303638.3S	1212851.7E	KKGSA	173823.0S	1304543.1E	KR2SJ	264737.3S	1514747.5E
KG2NM	304637.0S	1212745.4E	KKGSB	173831.6S	1303942.8E	KRATT	245012.0S	1502000.0E
KG2SF	305247.4S	1212704.3E	KKGSC	173309.9S	1303731.4E	KROWS	364954.0S	1371542.0E
KG2SH	304456.3S	1212529.9E	KKGSF	173009.7S	1304530.2E	KS2EA	325647.8S	1482325.1E
KG2SI	305746.7S	1212631.1E	KKGSH	172328.1S	1305007.7E	KS2EB	325844.6S	1482950.1E
KG2SM	304748.1S	1212737.5E	KKGSI	173420.7S	1304236.6E	KS2EC	330429.4S	1482951.8E
KG2SN	305955.9S	1213146.2E	KL2EA	160823.2S	1235751.7E	KS2EF	330431.1S	1482006.8E
KG2SO	310246.0S	1212557.8E	KL2EB	161403.0S	1235856.8E	KS2EI	330137.9S	1482458.6E
KG2SP	305902.0S	1212053.2E	KL2EC	161658.3S	1235348.5E	KS2ET	330926.3S	1481147.8E
KG2WA	304730.5S	1211220.7E	KL2EF	160952.8S	1234929.6E	KS2WD	331908.3S	1480505.9E
KG2WB	304156.6S	1211040.6E	KL2EH	160604.0S	1234051.9E	KS2WE	331710.3S	1475839.9E
KG2WC	303841.1S	1211609.4E	KL2EI	161158.0S	1235413.2E	KS2WF	331125.4S	1480826.1E
KG2WF	304527.0S	1212132.8E	KL2WD	160638.0S	1233025.7E	KS2WG	331125.4S	1475840.2E
KG2WH	304815.2S	1213014.8E	KL2WE	160057.9S	1232921.3E	KS2WI	331418.0S	1480333.2E
KG2WI	304341.8S	1211606.7E	KL2WF	160509.0S	1233847.7E	KS2WZ	330630.4S	1481645.4E
KG2WM	304712.2S	1212659.0E	KL2WG	155803.2S	1233429.3E	KU2EA	154838.2S	1285557.4E
KG3EF	304945.9S	1213457.4E	KL2WH	160856.0S	1234721.1E	KU2EB	155422.3S	1285630.9E
KG3EH	304643.0S	1212528.8E	KL2WI	160303.5S	1233404.5E	KU2EC	155650.4S	1285108.2E
KG3EI	305115.7S	1213937.8E	KLAVA	341145.1S	1383026.3E	KU2EF	154924.4S	1284729.8E
KG3EJ	304726.4S	1214323.4E	KM2ND	305314.6S	1525429.2E	KU2EH	154323.4S	1283918.2E
KG3EK	305300.2S	1214504.7E	KM2NE	305508.6S	1530046.9E	KU2EI	155153.4S	1285200.3E
KG3EL	305616.4S	1213935.7E	KM2NF	310059.7S	1525120.1E	KU2WD	154442.1S	1282908.4E
KG3ZF	305028.7S	1213417.0E	KM2NG	310053.5S	1530052.1E	KU2WE	153857.9S	1282835.7E
KG3ZI	305300.7S	1213917.7E	KM2NH	310956.5S	1525015.9E	KU2WF	154356.6S	1283735.8E
KG3ZM	304756.4S	1212916.5E	KM2NI	305804.2S	1525603.7E	KU2WG	153630.4S	1283358.2E
KG3ZQ	304948.7S	1214346.1E	KM2NM	310355.0S	1524636.2E	KU2WH	154755.3S	1284448.3E
KG3ZR	305532.6S	1214418.8E	KM2SA	311642.7S	1523909.6E	KU2WI	154127.3S	1283305.7E
KG3ZS	305756.6S	1213815.0E	KM2SB	311546.5S	1523233.5E	KURRT	385418.0S	1502456.0E
KG902	304931.7S	1213413.2E	KM2SC	310841.3S	1523228.4E	KVALM	192025.9S	1464316.3E
KG904	304526.3S	1212130.8E	KM2SF	310919.8S	1523954.0E	KW2ND	233553.2S	1200424.5E
KG912	305514.2S	1213123.4E	KM2SH	310241.9S	1524834.6E	KW2NE	233138.9S	1201034.8E
KG916	305404.7S	1212944.4E	KM2SI	311211.7S	1523638.3E	KW2NF	234134.6S	1200900.4E
KG920	304802.9S	1212421.7E	KM2SM	310502.0S	1524447.5E	KW2NG	233720.2S	1201510.9E
KG934	305819.0S	1213136.4E	KN2EA	333233.2S	1175032.8E	KW2NH	234919.4S	1200746.5E
KG938	305335.5S	1211656.0E	KN2EB	333527.8S	1175627.9E	KW2NI	233636.8S	1200947.6E
KI2EA	395327.3S	1440956.0E	KN2EC	334106.9S	1175513.6E	KW2SA	235933.2S	1201120.0E
KI2EB	395905.9S	1441118.3E	KN2EF	333937.6S	1174534.4E	KW2SB	240208.3S	1200544.2E
KI2EC	400201.0S	1440452.6E	KN2EH	334256.8S	1173650.8E	KW2SC	235811.3S	1200110.9E
KI2EF	395457.2S	1435928.1E	KN2EI	333732.8S	1175101.3E	KW2SF	235212.7S	1200719.0E
KI2EH	395137.5S	1435001.0E	KN2EM	334142.2S	1174007.2E	KW2SH	234426.3S	1200833.1E
KI2EI	395701.7S	1440523.0E	KNOBL	345546.8S	1383333.1E	KW2SI	235710.5S	1200631.6E
KI2WD	395148.2S	1433551.6E	KNOPL	283510.2S	1235716.9E	KWMED	153113.6S	1415840.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
KWMEE	153657.8S	1415911.9E	LAWRY	270040.0S	1502150.0E	LEDIX	314625.0S	1493634.0E
KWMEF	153157.5S	1415013.0E	LAXED	340508.9S	1502610.1E	LEDOG	190832.4S	1463903.2E
KWMEG	153924.5S	1415349.0E	LAXOG	225734.4S	1501058.6E	LEDON	275009.5S	1532643.8E
KWMEH	152740.8S	1414233.1E	LAXOT	413900.0S	1464418.0E	LEDUS	205650.3S	1490156.0E
KWMEI	153427.7S	1415442.4E	LAXUM	321944.6S	1514129.0E	LEEAM	235234.4S	1541502.4E
KWMWA	152701.5S	1413138.4E	LAYUP	303941.1S	1474441.2E	LEECE	350315.1S	1495737.3E
KWMWB	152117.2S	1413107.3E	LB2ND	343656.4S	1495033.9E	LEEFL	254543.0S	1530909.0E
KWMWC	151851.0S	1413630.1E	LB2NE	343811.1S	1495721.0E	LEGAN	363124.7S	1630000.0E
KWMWF	152618.2S	1414005.3E	LB2NF	344456.9S	1494824.3E	LEGOM	353612.3S	1451209.1E
KWMWH	153018.8S	1414716.0E	LB2NG	344352.9S	1495815.6E	LEGUL	123439.9S	1305228.5E
KWMWI	152347.7S	1413536.3E	LB2NH	345021.1S	1494113.9E	LEKAD	215520.9S	1303934.4E
KYEMA	320841.7S	1163730.0E	LB2NI	344134.1S	1495252.8E	LEKEM	375418.8S	1471248.6E
LABOR	282814.5S	1422836.1E	LB2SA	350010.5S	1493637.7E	LEKID	334000.0S	1503459.8E
LACEY	373304.9S	1453013.3E	LB2SB	345854.7S	1492949.0E	LEKUN	374658.1S	1451646.7E
LADEP	304951.6S	1213515.2E	LB2SC	345312.6S	1492856.1E	LELED	111636.0S	0750000.0E
LADUR	314400.0S	1601430.0E	LB2SF	345210.1S	1493848.8E	LELOV	450000.0S	1455630.0E
LAFAM	341040.0S	1532137.0E	LB2SH	344646.1S	1494559.6E	LEMAM	140209.4S	1235629.5E
LAGEV	273829.2S	1531905.7E	LB2SI	345532.5S	1493419.1E	LEMAT	350629.2S	1382817.3E
LAGOB	274541.1S	1532003.6E	LBDED	163010.8S	1230334.9E	LEMER	230433.6S	1493732.2E
LAGUG	372912.3S	1445814.3E	LBDEE	163326.4S	1230446.3E	LEMIR	300331.8S	1210138.6E
LAKAV	284326.7S	1175749.4E	LBDEF	163149.2S	1225845.4E	LEMUD	184141.4S	1373416.4E
LAKEP	373342.0S	1444912.0E	LBDEG	163538.0S	1230200.2E	LEMUK	424107.5S	1474410.3E
LAKIR	313318.6S	1165242.3E	LBDEH	163028.0S	1225344.6E	LEMUX	121225.2S	1304715.8E
LAKMO	294914.8S	1173818.2E	LBDEI	163237.8S	1230145.8E	LENBA	181650.7S	1453836.3E
LAKOT	213024.1S	1453422.2E	LBDEM	163100.5S	1225544.9E	LENNY	320024.3S	1154747.5E
LAKUP	130610.5S	1312239.9E	LBDWA	163128.6S	1224636.4E	LENRI	281515.2S	1591018.5E
LALIB	320205.1S	1504951.7E	LBDWB	162813.0S	1224525.3E	LENVU	320600.6S	1174251.1E
LALIS	233245.5S	1503829.1E	LBDWC	162601.6S	1224811.5E	LEONA	284001.8S	1212258.8E
LAMAP	140000.0S	1591000.0E	LBDWF	162950.6S	1225126.0E	LEONC	284012.1S	1212930.0E
LAMEK	180916.6S	1500235.5E	LBDWH	163111.8S	1225626.7E	LEOND	284539.6S	1213133.0E
LAMIG	352109.4S	1491539.8E	LBDWI	162901.8S	1224825.6E	LEONF	284814.3S	1212242.0E
LAMOB	120000.0S	1085300.0E	LBDWM	163039.3S	1225426.4E	LEONH	285439.9S	1211714.8E
LAMSI	282628.0S	1541137.6E	LC2SD	344920.6S	1355400.1E	LEONI	284413.3S	1212606.1E
LAMUG	263802.0S	1522256.0E	LC2SE	345109.2S	1354723.4E	LEONM	285215.3S	1211917.6E
LANIK	291814.7S	1234637.6E	LC2SF	344133.4S	1355051.9E	LEPTA	270412.0S	1451542.0E
LANOL	333633.5S	1511159.5E	LC2SG	344638.7S	1354304.2E	LERGU	193419.9S	1383445.7E
LANOP	271853.3S	1265356.3E	LC2SH	343352.6S	1355338.2E	LERKI	222848.0S	1493500.0E
LANOS	371702.3S	1472227.1E	LC2SI	344621.3S	1354907.8E	LERKO	375841.8S	1462537.7E
LANUN	380036.0S	1430648.0E	LE2EA	274814.3S	1205701.7E	LESKO	265252.0S	1533544.0E
LANYO	353017.0S	1490112.3E	LE2EB	275327.6S	1205944.6E	LESON	350312.0S	1313000.0E
LAPAM	313439.1S	1160008.8E	LE2EC	275730.7S	1205509.0E	LEVKA	310906.7S	1153038.3E
LAPAR	122808.2S	1310235.2E	LE2EF	275132.1S	1204744.3E	LEVPU	261726.0S	1514900.6E
LAPES	193704.5S	1465722.4E	LE2EH	275014.7S	1203945.5E	LEVRI	132610.4S	1300047.0E
LAPIP	270003.0S	1555446.0E	LE2EI	275234.3S	1205411.4E	LEYOX	341518.1S	1440517.8E
LAPOG	204625.2S	1163733.1E	LE2WD	275302.0S	1202727.5E	LH2ED	313256.8S	1591934.1E
LARAB	120403.6S	1291133.4E	LE2WE	274748.1S	1202446.2E	LH2EE	313835.7S	1592048.9E
LAREG	283133.0S	1514922.0E	LE2WF	274945.4S	1203644.8E	LH2EF	313428.0S	1591008.7E
LAREX	380901.1S	1473436.2E	LE2WH	275106.0S	1204502.4E	LH2EG	314131.6S	1591502.0E
LAROO	311642.0S	1395242.0E	LE2WI	274842.5S	1203018.9E	LH2EH	313044.9S	1590033.0E
LAROS	292851.1S	1543941.7E	LEAKY	271603.0S	1532022.0E	LH2EI	313631.9S	1591528.7E
LARUM	320355.0S	1154903.0E	LEBAD	171252.9S	1454120.0E	LH2WA	313749.7S	1584638.3E
LASEL	193442.4S	1461347.5E	LEBIT	264813.0S	1515627.0E	LH2WB	312919.8S	1584555.2E
LASOL	372445.5S	1444722.1E	LEBOP	332636.1S	1504200.9E	LH2WC	312224.8S	1585000.5E
LASUD	320343.3S	1485234.1E	LEBOT	190431.0S	1465557.4E	LH2WF	313058.2S	1585728.0E
LATAB	313530.6S	1502955.8E	LECEA	303914.7S	1384125.7E	LH2WH	313129.7S	1590643.9E
LATAP	330630.6S	1374656.8E	LECEB	304459.6S	1384133.5E	LH2WI	313009.0S	1585141.8E
LATEP	061018.0S	0750000.0E	LECEC	304703.7S	1383520.7E	LH2WM	313147.5S	1590314.2E
LATOG	231447.2S	1370255.6E	LECEF	303924.1S	1383155.9E	LIBMU	323622.8S	1515819.7E
LATOX	132655.6S	1092316.0E	LECEH	303242.0S	1382604.5E	LIBNI	322136.0S	1381106.0E
LATTA	380736.0S	1450418.0E	LECEI	304211.9S	1383644.6E	LIBTU	200500.9S	1261252.2E
LATUL	345021.0S	1381505.0E	LECEM	303636.3S	1382707.3E	LIDBU	244524.5S	1443301.5E
LATUM	421128.1S	1472202.1E	LECWD	302844.7S	1380945.7E	LIDGI	320229.9S	1152858.1E
LATUT	322849.2S	1520004.6E	LECWE	302306.0S	1381101.5E	LIDIT	091800.0S	1422000.0E
LAVEB	340650.6S	1503803.6E	LECWF	303018.3S	1381904.0E	LIDLI	334614.0S	1493557.7E
LAVEG	264441.4S	1524541.0E	LECWG	302211.8S	1381734.4E	LIDPO	275208.0S	1525243.0E
LAVEX	315326.7S	1165610.5E	LECWH	303730.6S	1382707.2E	LIDVU	380814.6S	1472805.1E
LAVIN	270753.9S	1531501.0E	LECWI	302642.2S	1381502.7E	LIGNU	345836.0S	1494046.5E
LAVOP	430102.3S	1473659.2E	LECWM	303521.0S	1382442.1E	LIKTO	265153.6S	1502338.5E
LAVUP	165611.4S	1455905.5E	LEDAB	284615.2S	1180710.8E	LILEE	273655.6S	1530641.8E
LAWNN	271724.0S	1525824.0E	LEDET	371901.4S	1470750.8E	LILMI	374228.7S	1443653.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
LILPU	373911.8S	1444143.2E	LRZND	231403.2S	1442247.4E	LUVAS	371821.5S	1455451.1E
LIMLI	314940.8S	1370430.3E	LRZNE	231512.2S	1442853.6E	LUVAV	243630.5S	1322949.5E
LIMLO	331249.6S	1515146.3E	LRZNF	232206.4S	1442100.6E	LUVKA	373039.9S	1445737.9E
LINBO	191506.0S	1472718.0E	LRZNG	232053.7S	1442948.8E	LUVLY	280845.1S	1532939.1E
LINSU	203528.7S	1474706.4E	LRZNH	232819.1S	1441354.4E	LUVNA	271043.8S	1530853.1E
LIPDI	320636.5S	1495818.8E	LRZNI	231839.3S	1442457.1E	LUVOK	343053.2S	1364653.4E
LIPLU	312527.0S	1380714.1E	LRZNM	232533.5S	1441703.9E	LUXAV	263857.3S	1531804.5E
LIRRI	271938.8S	1200059.8E	LRZSA	233235.1S	1440300.1E	LUXUP	332554.0S	1491220.0E
LISZT	233958.3S	1333834.7E	LRZSB	232704.2S	1440446.9E	LV2EA	282804.4S	1223712.0E
LITEL	183430.0S	1380030.0E	LRZSF	232943.8S	1441217.5E	LV2EB	283120.3S	1224233.5E
LL2ND	271045.3S	1415418.6E	LRZSH	232331.1S	1441923.8E	LV2EC	283654.3S	1224055.2E
LL2NE	271113.0S	1420043.0E	LRZSI	233059.9S	1440809.8E	LV2EF	283449.9S	1223154.9E
LL2NF	271856.7S	1415334.0E	LRZSM	232616.8S	1441614.4E	LV2EH	283737.0S	1222323.5E
LL2NG	271645.9S	1420225.7E	LS2ND	283931.6S	1530446.3E	LV2EI	283305.3S	1223714.3E
LL2NH	272617.1S	1415336.1E	LS2NE	283439.4S	1530814.3E	LV2WD	284529.5S	1221438.0E
LL2NI	271504.9S	1415708.6E	LS2NF	284353.7S	1531239.5E	LV2WE	284213.0S	1220916.3E
LL2NM	272248.4S	1414959.1E	LS2NG	283551.8S	1531436.6E	LV2WF	283844.5S	1221956.1E
LL2SA	273720.7S	1414320.2E	LS2NH	285027.5S	1530858.6E	LV2WG	283639.3S	1221055.8E
LL2SB	273652.5S	1413653.8E	LS2NI	283916.5S	1531026.9E	LV2WH	283536.8S	1222931.6E
LL2SC	273119.9S	1413511.8E	LS2SF	285452.9S	1531755.5E	LV2WI	284028.8S	1221436.3E
LL2SF	272909.6S	1414405.0E	LS2SH	285406.4S	1531000.0E	LYNDN	233000.0S	1151057.5E
LL2SH	272750.7S	1415215.6E	LS2SI	285929.9S	1532008.5E	LYNSO	244854.9S	1150000.0E
LL2SI	273301.1S	1414029.6E	LS2SK	290407.0S	1532221.7E	LYSMO	331007.8S	1454526.6E
LL2SM	272518.0S	1414740.3E	LS2SL	290254.6S	1531557.8E	MA2ND	202849.0S	1392136.7E
LLAMA	311736.0S	1475006.0E	LT2ND	412455.2S	1465834.3E	MA2NE	202435.4S	1392545.5E
LM2WA	330747.2S	1513021.6E	LT2NE	411936.4S	1470127.0E	MA2NF	203423.9S	1392801.2E
LM2WB	330515.5S	1512734.4E	LT2NF	412800.9S	1470839.1E	MA2NG	202648.9S	1393123.5E
LM2WC	330211.5S	1512926.7E	LT2NG	411808.4S	1471042.1E	MA2NH	204214.7S	1392950.0E
LM2WF	330426.2S	1513438.9E	LT2NI	412348.2S	1470503.9E	MA2NI	202929.7S	1392653.3E
LM2WH	330638.8S	1514011.6E	LT2SA	414202.1S	1472937.4E	MA2SA	205152.8S	1393711.9E
LM2WI	330450.9S	1513106.7E	LT2SB	414734.5S	1472526.2E	MA2SB	205606.6S	1393302.6E
LM2WM	330359.0S	1513832.3E	LT2SC	414721.4S	1471746.4E	MA2SC	205353.2S	1392723.6E
LM400	324415.7S	1514551.1E	LT2SF	413910.1S	1471811.8E	MA2SF	204618.2S	1393046.3E
LM410	324522.8S	1514646.7E	LT2SH	413035.9S	1471051.5E	MA2SH	203743.0S	1392847.2E
LM500	325238.4S	1515333.4E	LT2SI	414322.3S	1472148.8E	MA2SI	205112.4S	1393154.5E
LM510	324935.6S	1515239.6E	LU2NA	272343.3S	1203209.8E	MA518	204533.8S	1393036.0E
LM600	324715.4S	1515909.2E	LU2NC	272101.8S	1203751.4E	MA522	204835.2S	1393552.7E
LM610	324925.7S	1515939.9E	LU2ND	272453.0S	1204238.5E	MA526	203756.9S	1392850.4E
LM620	325053.3S	1515428.3E	LU2NF	273058.9S	1203628.3E	MA530	203644.5S	1392852.6E
LM900	324319.3S	1514850.6E	LU2NH	273136.7S	1203028.7E	MA534	203424.7S	1392933.9E
LM910	325138.5S	1515036.3E	LU2NI	272600.3S	1203709.9E	MA538	203349.8S	1393539.8E
LM920	324849.4S	1515632.5E	LU2NM	273557.4S	1203546.7E	MA542	204610.2S	1394222.3E
LOAFA	250204.7S	1520638.6E	LU2SE	274932.0S	1203913.1E	MA546	205003.8S	1394608.7E
LOCKA	160124.8S	1453628.6E	LU2SF	274216.6S	1203453.7E	MA558	204728.5S	1393102.6E
LOFFA	274900.0S	1501118.0E	LU2SG	275213.6S	1203330.1E	MA562	204835.3S	1392132.9E
LOGOL	211025.4S	1164404.9E	LU2SH	273854.0S	1202502.8E	MA566	203245.0S	1392058.5E
LOKYA	325341.1S	1503404.1E	LU2SI	274715.1S	1203411.0E	MA570	202949.7S	1392933.5E
LOLLS	361404.3S	1410000.0E	LU2SJ	274822.1S	1202842.2E	MA574	203231.5S	1393007.2E
LONLY	351112.0S	1350000.0E	LUCRE	341318.0S	1250000.0E	MABAM	123037.8S	1310708.4E
LOSKU	302932.8S	1522133.1E	LUDPU	123045.7S	1311027.0E	MABRA	500000.0S	1490036.0E
LOSPI	310817.7S	1480606.1E	LUDVO	315052.5S	1155105.3E	MACLA	301021.4S	1430725.2E
LOTGI	343900.0S	1280000.0E	LUGDO	272941.7S	1514308.1E	MADAK	284206.6S	1534349.2E
LOTMA	280757.0S	1534459.0E	LUGSA	220801.5S	1301829.6E	MADLU	222400.0S	1412536.0E
LOTVA	170430.0S	1460524.0E	LUKEY	273500.9S	1513936.7E	MADUG	333841.8S	1503119.6E
LOTVI	194859.1S	1212053.0E	LUKLU	285756.5S	1530100.0E	MAGGS	405203.1S	1463402.9E
LOVMA	044909.7S	0755322.8E	LUKPU	224622.8S	1473729.8E	MAGPI	250852.4S	1515315.7E
LOWDI	333124.0S	1493648.0E	LULDI	175409.0S	1221236.6E	MAGRA	222535.5S	1492227.8E
LOWEP	330407.6S	1511346.6E	LULMI	140000.0S	1420900.0E	MAIDS	280831.4S	1533336.9E
LR2EA	292644.2S	1481330.6E	LULTO	362556.9S	1425205.2E	MAITE	373850.1S	1451542.7E
LR2EB	293216.3S	1481517.9E	LUMDA	205442.3S	1152551.5E	MAJAR	334938.4S	1511723.0E
LR2EC	293537.9S	1480957.6E	LUMVA	205840.2S	1490851.0E	MAJOR	351314.3S	1485559.5E
LR2EF	292857.8S	1480428.5E	LUNGU	134408.6S	1254612.2E	MAKAT	375233.7S	1442941.4E
LR2EH	292618.4S	1475549.6E	LURGU	373258.3S	1444104.1E	MAKIV	353307.3S	1445706.5E
LR2EI	293037.2S	1480953.1E	LURPA	335350.1S	1505626.8E	MAKKA	342551.1S	1492005.5E
LR2WD	291841.3S	1474719.8E	LUSLO	304404.5S	1211707.0E	MAKNI	101851.9S	1253331.3E
LR2WE	292201.9S	1474159.3E	LUSTU	372308.7S	1451418.2E	MAKON	120110.0S	1353415.0E
LR2WF	292522.2S	1475247.2E	LUTKO	270117.6S	1525929.2E	MAKOR	330644.0S	1510821.5E
LR2WG	292734.4S	1474344.7E	LUTSI	272617.4S	1530431.0E	MAKRL	382952.2S	1482528.0E
LR2WH	292801.8S	1480126.0E	LUTUK	384014.3S	1465954.9E	MAKRU	273144.0S	1532950.0E
LR2WI	292342.1S	1474723.1E	LUTVU	362517.5S	1461816.3E	MALAN	175645.5S	1221300.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
MALBI	142959.2S	1082703.8E	MD2EI	322505.7S	1494635.4E	MESWF	380455.1S	1470106.3E
MALIK	344730.0S	1383613.5E	MD2EM	323308.6S	1493742.2E	MESWH	380609.8S	1471106.9E
MALNU	314652.7S	1250000.0E	MD2WD	324111.0S	1492104.2E	MESWI	380407.9S	1465451.0E
MALUP	322150.0S	1173922.2E	MD2WE	323658.1S	1491627.0E	MESWO	380831.6S	1465149.0E
MAMAG	200729.5S	1484555.8E	MD2WF	323536.1S	1492810.7E	MESWP	380320.4S	1464836.0E
MAMEG	292528.0S	1245953.8E	MD2WG	323151.3S	1491933.1E	MESWQ	375913.0S	1465339.1E
MAMUB	231639.1S	1183454.4E	MD2WH	322747.0S	1493544.3E	METAB	150128.0S	1112305.1E
MAMUT	162546.0S	1262553.3E	MD2WI	323617.1S	1492218.9E	METAN	092707.4S	1264047.3E
MANDA	351734.7S	1483506.4E	MD2WM	323447.0S	1493512.8E	METEP	273344.1S	1531755.0E
MANFA	340234.1S	1512045.7E	ME2ED	303921.0S	1203141.6E	METES	365539.1S	1442310.8E
MANIG	305116.1S	1170955.9E	ME2EE	304323.0S	1203625.9E	METUK	262022.0S	1530311.0E
MANSA	240918.0S	1432812.0E	ME2EF	304511.9S	1202501.2E	METUM	140813.3S	1150831.8E
MAPTU	152003.5S	1162153.1E	ME2EG	304836.8S	1203340.0E	METUV	341340.0S	1481443.9E
MARGO	342450.0S	1380219.2E	ME2EH	304638.9S	1201553.3E	MEVAD	322225.2S	1162717.5E
MARIT	260050.3S	1282734.7E	ME2EI	304417.5S	1203043.6E	MEVUM	205101.5S	1152445.0E
MARKY	332525.2S	1504809.6E	ME2WA	305302.3S	1200545.3E	MEYJI	252034.7S	1455336.8E
MARLN	340205.0S	1520402.1E	ME2WB	304900.1S	1200100.7E	MG2ND	115519.9S	1340330.3E
MARSH	374218.0S	1441436.0E	ME2WC	304346.5S	1200347.2E	MG2NE	115003.3S	1340551.3E
MARTO	331913.0S	1514429.6E	ME2WF	304711.7S	1201226.0E	MG2NF	115838.1S	1341109.7E
MARUB	335554.0S	1512854.0E	ME2WH	304544.8S	1202133.9E	MG2NG	115025.3S	1341141.6E
MASER	194433.4S	1324618.3E	ME2WI	304805.9S	1200643.4E	MG2NH	120530.0S	1341524.7E
MASIM	181233.1S	1221545.8E	MEBAH	301324.0S	1353300.0E	MG2NI	115420.7S	1340830.5E
MASMI	294020.3S	1514141.9E	MEBKA	164000.0S	1091200.0E	MG2NM	120255.5S	1341349.0E
MASRA	121337.4S	1321513.3E	MECKO	335447.6S	1504838.4E	MG2SA	121141.0S	1342451.9E
MATAR	220618.5S	1461849.5E	MEECE	333736.0S	1393806.0E	MG2SB	121657.8S	1342231.1E
MATBO	273437.1S	1525638.0E	MEEGA	334358.1S	1493310.1E	MG2SC	121636.0S	1341640.2E
MATJI	320331.1S	1161432.0E	MEETA	280709.9S	1533231.8E	MG2SF	120823.2S	1341712.0E
MATKU	374000.6S	1445537.6E	MEGOL	213212.0S	1414824.0E	MG2SH	120131.3S	1341256.9E
MATLA	324517.6S	1513154.7E	MEGUB	273513.7S	1532015.4E	MG2SI	121240.6S	1341951.5E
MATMA	241954.0S	1351236.0E	MEKAD	132350.2S	1524201.8E	MG2SM	120405.8S	1341432.6E
MATTI	264527.2S	1530840.6E	MEKOD	323036.0S	1505800.0E	MH2NA	161359.6S	1452220.4E
MATVI	271500.6S	1511207.6E	MEKOG	123200.0S	1400000.0E	MH2NC	161332.2S	1452745.1E
MAVGA	272446.1S	1532603.4E	MEKON	350702.8S	1485648.4E	MH2ND	161905.0S	1453107.1E
MAVTO	360450.0S	1401502.5E	MEKUG	274839.4S	1532548.0E	MH2NF	162102.2S	1452446.5E
MAXAL	372653.6S	1452501.7E	MELAN	180951.5S	1223734.7E	MH2NH	162639.9S	1452543.5E
MAXEM	343805.9S	1423320.6E	MELIT	344236.2S	1503239.5E	MH2NI	161717.2S	1452615.8E
MAXXI	123026.5S	1261327.1E	MEMEG	374834.5S	1443842.8E	MH2NM	162447.2S	1452317.0E
MAYSO	274129.0S	1525737.0E	MEMIG	142218.1S	1452020.5E	MHUEA	161752.6S	1361449.9E
MB2ND	252305.3S	1523746.8E	MEMON	205457.9S	1181228.7E	MHUEB	162107.3S	1361945.6E
MB2NE	252007.0S	1524128.9E	MEMOS	145903.0S	1440032.2E	MHUEC	162642.2S	1361817.2E
MB2NF	252723.6S	1524223.4E	MEMOV	301151.1S	1405758.8E	MHUEF	162440.3S	1361001.8E
MB2NG	252215.6S	1524549.3E	MEMUP	334511.6S	1205230.2E	MHUEH	162730.7S	1360214.6E
MB2NH	253322.4S	1524308.2E	MENEN	263452.0S	1515029.0E	MHUEI	162253.8S	1361453.7E
MB2NI	252400.2S	1524158.0E	MENIG	264433.5S	1391754.1E	MHUWD	163529.5S	1355410.5E
MB2SA	254238.9S	1524932.1E	MENOB	121852.8S	1310223.7E	MHUWE	163214.7S	1354914.6E
MB2SB	254627.6S	1524446.6E	MENOG	380804.7S	1443828.2E	MHUWF	162841.9S	1355858.9E
MB2SC	254342.8S	1523911.6E	MENZI	353148.6S	1491139.9E	MHUWG	162639.9S	1355043.3E
MB2SF	253629.5S	1524331.6E	MEPAB	212249.7S	1630000.0E	MHUWH	162551.7S	1360646.1E
MB2SH	252830.9S	1524231.8E	MEPAS	195453.3S	1380700.9E	MHUWI	163028.3S	1355406.8E
MB2SI	254128.6S	1524409.1E	MEPEM	262554.3S	1554357.1E	MI2EA	341135.2S	1422053.7E
MC2NA	372259.1S	1494023.7E	MEPIL	332409.8S	1511241.1E	MI2EB	341651.5S	1422338.7E
MC2NC	372038.4S	1494657.6E	MEPUX	200805.5S	1180311.4E	MI2EC	342048.4S	1421836.9E
MC2ND	372445.7S	1495158.5E	MERIB	300400.0S	1124506.0E	MI2EF	341450.7S	1421149.6E
MC2NF	373028.4S	1494435.6E	MERME	211744.5S	1121520.4E	MI2EH	341314.0S	1420222.5E
MC2NH	373305.2S	1494952.7E	MESAM	321147.8S	1160839.2E	MI2EI	341551.1S	1421744.1E
MC2NI	372533.4S	1494546.7E	MESED	271837.2S	1515127.7E	MI2NF	340817.5S	1420556.4E
MC2NM	373523.3S	1494324.4E	MESEE	380307.6S	1472507.3E	MI2NH	341616.6S	1420505.4E
MC2SE	374851.9S	1494610.6E	MESEF	380644.4S	1471548.2E	MI2NI	340318.2S	1420628.3E
MC2SF	374122.9S	1494157.3E	MESEG	380816.9S	1472819.5E	MI2NO	335818.8S	1420700.1E
MC2SG	375112.7S	1493934.0E	MESEH	380539.6S	1470702.4E	MI2NP	340200.5S	1421217.1E
MC2SH	373725.4S	1494921.8E	MESEI	380730.6S	1472203.8E	MI2SD	342632.0S	1420941.8E
MC2SI	374617.8S	1494045.8E	MESEJ	381225.3S	1472317.1E	MI2SE	342924.2S	1420341.0E
MC2SJ	374705.2S	1493432.1E	MESER	334404.8S	1372715.3E	MI2SF	341925.3S	1420445.2E
MC2SM	373627.9S	1494308.8E	MESIM	315630.0S	1510948.0E	MI2SG	342542.0S	1415822.6E
MCLOY	205531.8S	1164008.8E	MESNA	375442.7S	1471824.0E	MI2SH	341126.3S	1420536.3E
MD2EA	322037.7S	1494354.9E	MESNC	375634.0S	1472515.7E	MI2SI	342424.7S	1420413.1E
MD2EB	322126.0S	1495037.2E	MESND	380218.4S	1472524.7E	MI2WF	341231.1S	1415812.5E
MD2EC	322703.3S	1495201.6E	MESNF	380228.4S	1471502.9E	MI2WH	341408.1S	1420739.4E
MD2EF	322845.3S	1494233.2E	MESNH	380711.8S	1470652.0E	MI2WI	341130.1S	1415218.3E
MD2EH	323020.1S	1492931.3E	MESNI	375931.2S	1472009.4E	MI2WJ	341545.9S	1414908.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
MI2WK	341028.8S	1414624.3E	MMBNI	374749.0S	1450502.7E	MOSVO	374330.9S	1450642.7E
MI2WL	340632.8S	1415125.7E	MMBNM	375748.3S	1450554.9E	MOTRA	412007.4S	1481654.1E
MIBAL	422530.4S	1472247.7E	MMBSA	381118.7S	1450107.5E	MOTRU	135733.4S	1304639.3E
MIBEK	213020.6S	1490138.5E	MMBSB	381416.4S	1450721.6E	MOTSA	314116.4S	1153737.9E
MIBUP	280430.0S	1413218.0E	MMBSC	381039.7S	1451300.9E	MOVBA	233330.0S	1451752.8E
MICHM	375042.0S	1451130.0E	MMBSF	380417.2S	1450629.0E	MOZZA	380454.0S	1460554.0E
MICKS	281501.0S	1533848.0E	MMBSH	380153.4S	1451248.3E	MPZSD	380729.3S	1445225.4E
MIDAT	402158.0S	1630000.0E	MMBSI	380916.8S	1450655.3E	MPZSE	381109.4S	1444649.8E
MIDDY	265520.7S	1150000.0E	MMZEA	225111.1S	1485652.2E	MPZSF	380110.7S	1444547.7E
MIDIM	275230.1S	1211610.9E	MMZEB	225656.4S	1485659.3E	MPZSG	380815.3S	1444033.2E
MIDLA	315153.9S	1155913.1E	MMZEC	225900.5S	1485111.4E	MPZSH	375937.7S	1444953.6E
MIGAX	160143.5S	1342644.9E	MMZEF	225120.2S	1484800.2E	MPZSI	380610.1S	1444618.7E
MIGEP	311204.0S	1140753.0E	MMZEH	224651.0S	1484049.5E	MR2ND	290414.4S	1154934.5E
MIGIP	123131.1S	1304720.7E	MMZEI	225408.4S	1485229.7E	MR2NE	285858.6S	1155212.5E
MIKEG	383544.8S	1573204.7E	MMZEM	224832.0S	1484330.9E	MR2NF	290732.7S	1155808.0E
MIKER	175627.8S	1221153.8E	MMZWD	224723.9S	1482817.7E	MR2NG	285920.9S	1155844.1E
MIKIS	414624.0S	1462742.0E	MMZWE	224144.8S	1482707.3E	MR2NH	291515.3S	1160328.3E
MIKOM	334942.5S	1503515.6E	MMZWF	224550.4S	1483659.9E	MR2NI	290315.6S	1155510.2E
MILAK	145350.0S	1413639.0E	MMZWG	223847.4S	1483226.6E	MR2SA	292050.7S	1161332.1E
MILAL	230529.4S	1194424.7E	MMZWH	224906.4S	1484454.4E	MR2SB	292605.9S	1161051.9E
MILEM	132938.4S	1280204.4E	MMZWI	224347.7S	1483203.5E	MR2SC	292541.7S	1160418.7E
MILIV	163306.3S	1335404.7E	MMZWM	224753.0S	1484156.4E	MR2SF	291730.2S	1160458.5E
MILTY	242636.0S	1510224.0E	MN3WA	324924.2S	1512118.8E	MR2SH	291037.4S	1160016.6E
MILUS	185217.6S	1163004.8E	MN3WB	324411.0S	1511747.1E	MR2SI	292148.1S	1160755.1E
MIMIB	274515.3S	1461218.8E	MN3WF	324451.5S	1512348.5E	MR2SM	291312.2S	1160202.2E
MIMIM	403719.7S	1474340.1E	MN3WH	324626.3S	1512609.0E	MRDAK	150836.0S	1382042.0E
MIMNF	364954.2S	1495752.8E	MN3WI	324645.3S	1511937.7E	MS2ND	263704.0S	1501702.1E
MIMNH	365644.4S	1495921.8E	MN3WM	324257.6S	1512759.0E	MS2NE	263833.7S	1502312.6E
MIMNI	364544.9S	1500121.3E	MNGEA	364206.5S	1452007.5E	MS2NF	264459.5S	1501439.6E
MIMNK	364053.5S	1495657.8E	MNGEB	364358.9S	1452652.2E	MS2NG	264417.8S	1502345.8E
MIMNL	364045.7S	1500531.1E	MNGEC	364943.4S	1452659.7E	MS2NH	264924.7S	1500846.2E
MIMNN	364711.4S	1500836.3E	MNGEF	364951.9S	1451647.8E	MS2NI	264146.9S	1501855.9E
MIMSF	370034.9S	1494854.5E	MNGEH	370039.6S	1450947.6E	MS2SA	265943.2S	1500312.0E
MIMSH	370346.2S	1495916.4E	MNGEI	364655.4S	1452150.1E	MS2SB	265812.9S	1495659.9E
MIMSI	370443.7S	1494524.6E	MNGEM	365248.4S	1451145.3E	MS2SC	265229.2S	1495627.6E
MIMSO	370849.9S	1494904.8E	MNGNF	364801.4S	1451223.0E	MS2SF	265148.0S	1500534.8E
MIMSP	370852.5S	1494154.4E	MNGNH	365640.7S	1450931.5E	MS2SH	264722.6S	1501129.1E
MIMSQ	370330.5S	1493921.1E	MNGNI	364304.7S	1451322.0E	MS2SI	265500.3S	1500117.8E
MIMUD	282129.7S	1540142.4E	MNGNJ	364038.6S	1450756.1E	MT2EA	271753.2S	1204753.8E
MINUR	303716.4S	1364301.1E	MNGNK	363808.1S	1451420.9E	MT2EB	272331.9S	1204908.1E
MIPAM	261800.0S	1441142.0E	MNGNL	364207.7S	1451928.3E	MT2EF	271903.1S	1203750.7E
MIPAN	291122.0S	1541042.0E	MNGNM	365258.0S	1451124.0E	MT2EH	271547.1S	1202938.6E
MISCH	374550.3S	1444038.6E	MNGSD	370901.8S	1451408.9E	MT2EI	272129.8S	1204400.0E
MISLY	304941.4S	1555331.5E	MNGSE	370834.6S	1450817.2E	MT2WD	271631.7S	1201835.8E
MITSA	340154.9S	1504700.7E	MNGSF	370139.3S	1450940.1E	MT2WE	271052.8S	1201723.1E
MITTS	243859.7S	1374019.1E	MNGSG	370732.7S	1450232.6E	MT2WF	271523.2S	1202838.9E
MJ2EA	341642.5S	1162431.7E	MNGSH	364947.5S	1451201.9E	MT2WG	270755.7S	1202254.3E
MJ2EB	342220.7S	1162552.4E	MNGSI	370636.0S	1450840.9E	MT2WH	271839.3S	1203650.9E
MJ2EC	342519.1S	1161956.6E	MNGSM	365344.8S	1451114.7E	MT2WI	271255.8S	1202230.2E
MJ2EF	341800.6S	1161403.3E	MOCUR	321306.5S	1160716.3E	MTGND	373257.4S	1405446.8E
MJ2EH	341502.5S	1160600.3E	MOLGA	340218.0S	1200054.0E	MTGNE	372912.5S	1404919.0E
MJ2EI	342019.3S	1162020.9E	MOMAN	120946.8S	1305357.6E	MTGNF	373910.1S	1404803.1E
MJ2EM	341615.8S	1160918.8E	MOMBI	352755.1S	1491140.0E	MTGNG	373200.5S	1404301.5E
MJ2WD	341519.8S	1155250.5E	MOMGI	264535.8S	1530244.3E	MTGNH	374708.2S	1404702.1E
MJ2WE	340941.4S	1155131.4E	MOMSY	373242.0S	1503242.0E	MTGNI	373411.3S	1404841.1E
MJ2WF	341345.6S	1160232.3E	MONDO	325636.2S	1511411.1E	MTGSA	375641.6S	1403950.5E
MJ2WG	340643.7S	1155726.6E	MONIC	170044.6S	1320331.7E	MTGSB	380026.8S	1404519.7E
MJ2WH	341725.3S	1161227.6E	MOOLO	264932.3S	1532145.3E	MTGSC	375738.6S	1405139.7E
MJ2WI	341143.5S	1155701.7E	MOOVI	275448.7S	1531741.7E	MTGSF	375029.2S	1404636.4E
MJ2WM	341547.8S	1160802.9E	MOPET	232254.8S	1185157.8E	MTGSH	374231.1S	1404737.4E
ML2EH	373930.9S	1444707.1E	MOPRI	344956.3S	1384155.9E	MTGSI	375528.0S	1404558.1E
ML2NH	374209.7S	1445039.0E	MORBI	264708.0S	1524614.0E	MU2SA	285516.3S	1214934.2E
ML2SH	373810.6S	1444954.3E	MORGO	421018.0S	1470439.9E	MU2SB	285514.9S	1214301.7E
ML2WH	373950.7S	1445245.8E	MORID	260124.9S	1144908.7E	MU2SC	284950.4S	1214049.4E
ML2WM	373937.6S	1444859.8E	MORPH	350612.2S	1383249.9E	MU2SF	284639.1S	1214955.8E
ML420	373556.1S	1444928.1E	MORTN	271739.3S	1531048.9E	MU2SH	283926.6S	1215542.0E
ML430	374706.5S	1445137.3E	MOSDA	350731.6S	1493320.0E	MU2SI	285109.4S	1214619.1E
MMBNF	375248.6S	1450528.8E	MOSDU	191916.8S	1463130.6E	MU2SM	284258.0S	1215252.9E
MMBNG	374625.8S	1445859.0E	MOSLA	340700.0S	1280000.0E	MUBDI	340804.7S	1503223.4E
MMBNH	380048.0S	1450610.6E	MOSSI	262620.0S	1533758.0E	MUBID	321140.1S	1214756.6E

WAYPOINT	LOCATION	
MUBNI	170409.7S	1462632.0E
MUBNO	150000.0S	1150819.3E
MUDAN	234734.9S	1505953.7E
MUDDL	272216.0S	1532047.0E
MUDGI	323339.3S	1493537.3E
MUDIV	305225.8S	1371322.6E
MUDMI	123414.9S	1311241.7E
MUDMO	235020.3S	1335750.4E
MUDOB	231311.2S	1502554.5E
MUDOX	233605.9S	1361724.7E
MUGLU	231807.2S	1501717.0E
MUGOB	314215.6S	1155040.8E
MUGSI	312211.3S	1155121.7E
MUGTI	242046.0S	1392737.0E
MUKIN	285318.4S	1355610.7E
MULDM	294707.8S	1202837.4E
MULDR	345309.0S	1382514.0E
MULNI	274350.9S	1525547.9E
MULRA	180113.0S	1412822.0E
MUMOS	314954.2S	1161925.6E
MUNAR	212948.9S	1491701.8E
MUNEL	142818.0S	1445512.0E
MUNNI	211233.8S	1165157.9E
MUPIK	272709.2S	1500000.0E
MUPOG	202544.4S	1485743.6E
MURCH	264539.1S	1185846.1E
MURJO	271703.0S	1530609.0E
MUSEY	171251.6S	1445740.5E
MUSOP	353106.0S	1475412.0E
MUTMI	040800.0S	0925842.0E
MV2EA	255833.1S	1275504.2E
MV2EB	260317.5S	1275840.8E
MV2EC	260758.7S	1275458.8E
MV2EF	260312.3S	1274734.6E
MV2EH	260307.6S	1273844.5E
MV2EI	260315.0S	1275307.7E
MV2WD	260744.0S	1272753.4E
MV2WE	260258.8S	1272417.7E
MV2WF	260305.7S	1273523.9E
MV2WG	255818.5S	1272800.3E
MV2WH	260310.6S	1274408.7E
MV2WI	260302.4S	1272950.8E
MW2NA	320053.0S	1501712.1E
MW2NC	315834.6S	1502012.6E
MW2ND	320111.6S	1502408.5E
MW2NF	320432.7S	1502104.1E
MW2NH	320931.0S	1502147.2E
MW2NI	320133.6S	1502038.3E
MW2NM	320731.7S	1502129.9E
MX2NA	215210.0S	1475738.0E
MX2NC	214811.9S	1480205.8E
MX2ND	215045.3S	1480737.2E
MX2NF	215807.2S	1480342.5E
MX2NH	220603.4S	1480500.0E
MX2NI	215309.5S	1480254.1E
MX2SE	221448.4S	1481133.0E
MX2SF	220851.6S	1480527.4E
MX2SG	221846.8S	1480704.6E
MX2SH	220055.3S	1480409.9E
MX2SI	221349.2S	1480616.0E
MX2SJ	221613.4S	1480132.1E
MX400	220603.4S	1480500.0E
MX410	220105.8S	1480411.6E
MX420	215923.9S	1480501.4E
MX430	215925.8S	1480722.7E
MX440	220053.3S	1480941.9E
MX450	220217.5S	1481155.8E
MY2NA	354037.3S	1500615.6E
MY2NC	353821.6S	1501243.7E
MY2ND	354232.7S	1501733.2E
MY2NF	354809.8S	1501013.4E
MY2NH	355654.4S	1501429.4E
MY2NI	354315.7S	1501128.6E
MY2NM	355303.9S	1500858.0E
MY2SE	360634.6S	1501124.9E
MY2SF	355902.3S	1500725.9E
MY2SG	361146.9S	1500409.0E
MY2SH	355012.9S	1500941.8E
MY2SI	360356.4S	1500610.2E
MY2SJ	360504.5S	1495624.1E
MYALL	190600.0S	1393036.0E
MZOWA	280151.4S	1395650.9E
MZOWB	275606.1S	1395703.4E
MZOWC	275418.6S	1400312.2E
MZOWF	280206.9S	1400605.8E
MZOWH	275923.6S	1401445.3E
MZOWI	275906.6S	1400134.5E
MZOWM	280529.7S	1401111.6E
NA2EF	284820.9S	1533958.9E
NA2EH	285037.9S	1533114.8E
NA2EI	284655.0S	1534526.2E
NA2WF	285151.1S	1532633.4E
NA2WG	284717.5S	1531821.0E
NA2WH	284917.4S	1533623.0E
NA2WI	285307.8S	1532138.5E
NA420	285244.3S	1532449.0E
NA430	285154.9S	1532619.0E
NA440	285442.4S	1532715.3E
NA450	284900.2S	1533728.5E
NA480	284700.7S	1533614.3E
NA500	285158.5S	1534119.3E
NA510	284834.0S	1533908.5E
NA520	285033.6S	1531403.7E
NA521	285204.6S	1532016.8E
NA522	290440.0S	1532228.0E
NA524	285911.1S	1531848.7E
NA526	290947.8S	1530030.3E
NA527	290024.6S	1530634.2E
NA528	285707.2S	1531227.7E
NA610	284251.3S	1534059.0E
NA620	284739.5S	1534236.4E
NA640	285059.5S	1532951.6E
NA700	284515.4S	1534147.7E
NA710	285029.4S	1533947.4E
NABBA	364219.2S	1470231.4E
NAIDO	272831.6S	1530032.1E
NAILA	131255.0S	1280714.0E
NALAR	311834.4S	1202718.6E
NALDO	020000.0S	0810000.0E
NAMBA	323110.5S	1512751.9E
NAMIT	233958.4S	1335808.7E
NAOMI	373920.6S	1443754.7E
NARND	343405.4S	1461639.5E
NARNE	342839.0S	1461854.7E
NARNF	343644.8S	1462602.5E
NARNG	342832.4S	1462550.6E
NARNH	344313.1S	1463145.6E
NARNI	343242.0S	1462228.4E
NARNM	344047.5S	1462936.8E
NARSA	344912.7S	1464408.7E
NARSB	345438.8S	1464154.2E
NARSC	345446.0S	1463455.5E
NARSF	344634.0S	1463443.5E
NARSH	344005.8S	1462900.0E
NARSI	345036.5S	1463818.7E
NARSM	344231.4S	1463108.7E
NASHO	341142.7S	1510625.7E
NASTI	222507.0S	1254255.0E
NASUX	122128.8S	1304245.9E
NATYA	345808.2S	1431357.5E
NB2EF	334958.5S	1504859.9E
NB2EH	335345.9S	1504113.5E
NB2ET	334846.6S	1503744.3E
NB2EZ	335416.2S	1504011.1E
NB2WF	335625.6S	1503544.8E
NB400	335244.1S	1503013.0E
NB401	335710.6S	1502935.7E
NB402	335732.9S	1503326.1E
NB410	334510.1S	1505109.5E
NB411	334613.3S	1505131.6E
NB412	334730.2S	1505134.5E
NB413	334917.7S	1505023.4E
NB501	335837.0S	1503934.0E
NB502	340504.8S	1503720.7E
NB503	334053.6S	1502933.5E
NB504	334519.6S	1504602.5E
NB505	335040.2S	1504734.5E
NB506	334647.0S	1504545.8E
NB507	334422.3S	1504559.0E
NB508	334110.5S	1504541.2E
NB509	333849.4S	1503733.4E
NB510	334610.7S	1504426.4E
NB511	334512.8S	1503253.3E
NB512	334809.4S	1502559.2E
NB513	335108.3S	1502347.6E
NB514	335751.1S	1502644.6E
NB515	335103.9S	1501949.3E
NB516	335713.4S	1502016.7E
NB517	334802.1S	1502447.6E
NB518	335837.1S	1502348.0E
NB519	335226.0S	1503105.0E
NB520	340033.5S	1503519.4E
NB523	335617.2S	1503602.1E
NB524	335424.8S	1503106.9E
NB525	334711.9S	1503004.8E
NB526	334136.0S	1503054.0E
NB528	334737.0S	1501428.7E
NB529	335431.0S	1502615.5E
NB530	335552.6S	1501927.4E
NB531	340043.8S	1501939.8E
NB532	340356.0S	1502356.7E
NB536	334600.0S	1501700.0E
NB537	333601.0S	1504558.0E
NB538	340639.0S	1502631.0E
NB539	341022.0S	1503942.8E
NB540	334440.2S	1502943.1E
NB590	340122.1S	1502532.5E
NB593	334857.8S	1505104.2E
NB594	332843.3S	1510132.6E
NB596	334613.1S	1503405.5E
NB597	335055.5S	1504703.1E
NB598	335603.5S	1504948.4E
NB599	340143.4S	1505124.3E
NB600	332719.7S	1505254.6E
NB601	335639.8S	1500450.7E
NB602	334351.0S	1503311.5E
NB603	335102.5S	1504134.6E
NB604	334535.0S	1502952.0E
NB605	334600.0S	1504100.0E
NB606	334857.7S	1503250.3E
NB607	340715.3S	1503420.1E
NEEKY	273747.4S	1150000.0E
NEFER	372630.0S	1445636.0E
NEILO	122947.4S	1310728.2E
NELSN	324334.8S	1521912.6E
NESSY	333334.8S	1503513.2E
NETTY	284350.4S	1553034.4E
NEWMO	320128.2S	1433100.0E
NF131	291059.7S	1680248.6E
NF156	290844.6S	1675857.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
NF257	290247.1S	1674812.6E	NK2NF	324150.4S	1512120.0E	NOPAG	105156.7S	1355229.1E
NF261	290031.9S	1674421.8E	NK2NH	325423.2S	1511907.1E	NOPAS	274606.7S	1534052.4E
NF271	285954.0S	1674432.2E	NK2NI	323752.5S	1512201.9E	NOPED	263631.2S	1192012.3E
NGUEA	144427.4S	1345858.6E	NK2NT	325031.3S	1511948.1E	NOPET	424210.1S	1473040.4E
NGUEB	145007.2S	1350003.9E	NK2SA	325946.3S	1511809.8E	NORMA	173946.2S	1453217.0E
NGUEC	145303.2S	1345458.0E	NK2SF	325220.3S	1511928.8E	NP2ND	105044.5S	1421510.7E
NGUEF	144558.1S	1345039.8E	NK2SI	325548.5S	1511852.0E	NP2NE	104506.7S	1421625.4E
NGUEH	144238.6S	1344308.7E	NK2ST	324207.8S	1512117.0E	NP2NF	105229.7S	1422318.8E
NGUEI	144802.7S	1345521.8E	NO2EA	314039.7S	1232124.0E	NP2NG	104420.4S	1422211.9E
NGUEM	144353.4S	1344557.8E	NO2EB	314309.6S	1232727.2E	NP2NH	105824.1S	1422849.8E
NGUWD	144232.5S	1343112.8E	NO2EC	314852.8S	1232646.7E	NP2NI	104848.2S	1421952.0E
NGUWE	143652.6S	1343008.2E	NO2EF	314803.0S	1231712.9E	NP2NM	105611.2S	1422645.7E
NGUWF	144102.4S	1343931.6E	NO2EH	315226.3S	1230759.1E	NP2SA	110241.1S	1423920.6E
NGUWG	143357.1S	1343514.0E	NO2EI	314536.4S	1232220.2E	NP2SB	110819.0S	1423806.4E
NGUWH	144422.1S	1344702.6E	NO2WD	320049.9S	1230138.1E	NP2SC	110905.6S	1423219.5E
NGUWI	143857.5S	1343449.8E	NO2WE	315818.7S	1225534.4E	NP2SF	110056.3S	1423112.2E
NGUWM	144307.3S	1344413.4E	NO2WF	315327.1S	1230551.0E	NP2SH	105502.1S	1422541.1E
NH2EA	361403.1S	1415429.7E	NO2WG	315235.7S	1225616.9E	NP2SI	110437.7S	1423439.3E
NH2EB	361843.4S	1415837.2E	NO2WH	314903.9S	1231505.0E	NP2SM	105714.9S	1422745.2E
NH2EC	362327.6S	1415436.3E	NO2WI	315553.0S	1230042.8E	NR2WA	321030.0S	1475808.0E
NH2EF	361849.2S	1414614.8E	NOBAR	334710.7S	1514424.4E	NR2WB	320445.4S	1475743.0E
NH2EH	361853.7S	1413620.9E	NOBEV	345110.2S	1382134.6E	NR2WC	320227.7S	1480353.8E
NH2EI	361846.3S	1415226.0E	NOBIK	350711.3S	1383002.2E	NR2WF	320959.3S	1480745.6E
NH2EM	361852.1S	1414003.6E	NOBIP	170000.0S	1501754.0E	NR2WH	322009.7S	1481026.9E
NH2WD	362038.4S	1412305.7E	NODAB	132135.2S	1063820.9E	NR2WI	320722.4S	1480244.2E
NH2WE	361519.9S	1412023.0E	NODAS	412436.0S	1465555.4E	NR2WM	321235.9S	1481247.4E
NH2WF	361730.1S	1413227.4E	NODDY	283316.5S	1522659.8E	NR2WT	321409.8S	1481548.5E
NH2WG	361127.2S	1412536.7E	NODEK	324700.0S	1455342.0E	NRVEA	333723.9S	1202219.7E
NH2WH	361927.1S	1414319.7E	NODEV	322013.6S	1183621.3E	NRVEB	333942.6S	1202837.1E
NH2WI	361625.0S	1412625.1E	NODOK	121112.0S	1550000.0E	NRVEC	334526.7S	1202810.4E
NI2ED	214159.9S	1214952.9E	NODOL	325717.0S	1375721.8E	NRVEF	334454.4S	1201822.2E
NI2EE	214742.4S	1215040.6E	NODOR	270850.0S	1520254.0E	NRVEH	334903.2S	1201009.3E
NI2EF	214303.6S	1214109.3E	NODUG	271546.9S	1524210.0E	NRVEI	334218.7S	1202329.8E
NI2EG	215021.3S	1214512.3E	NODUR	355112.0S	1313000.0E	NRVEM	334730.0S	1201314.2E
NI2EH	213920.4S	1213332.6E	NOGAM	262656.3S	1530252.1E	NRVWD	335016.3S	1195648.1E
NI2EI	214522.9S	1214555.0E	NOGAS	253237.5S	1182608.4E	NRVWE	335600.2S	1195619.2E
NI2EM	214044.1S	1213623.8E	NOGEB	334059.0S	1511934.0E	NRVWF	335050.3S	1200636.7E
NI2WA	213847.0S	1212132.2E	NOGIP	381851.6S	1412824.1E	NRVWG	335820.3S	1200237.2E
NI2WB	213304.5S	1212044.9E	NOGOR	351538.3S	1485017.3E	NRVWH	334641.7S	1201449.9E
NI2WC	213025.7S	1212612.7E	NOGUD	274032.0S	1541244.0E	NRVWI	335325.4S	1200128.1E
NI2WF	213743.9S	1213015.3E	NOKAV	230712.0S	1463654.0E	NRVWM	334815.0S	1201145.1E
NI2WH	214127.1S	1213751.9E	NOKOG	310925.7S	1155622.9E	NS2EA	374048.9S	1474411.4E
NI2WI	213524.1S	1212530.1E	NOKUN	125106.3S	1321154.0E	NS2EB	374310.7S	1475220.2E
NI2WM	214003.5S	1213500.6E	NOLAM	192436.9S	1470945.5E	NS2EC	375004.2S	1475220.0E
NICAY	345741.6S	1390752.5E	NOLAS	100614.6S	0872140.1E	NS2EF	375003.6S	1473955.8E
NICLA	320305.0S	1520015.7E	NOLEK	141249.0S	1321919.0E	NS2EH	375750.3S	1473331.3E
NIFTI	395354.0S	1473906.0E	NOLEM	335533.6S	1504545.0E	NS2EI	374637.2S	1474608.1E
NIKKI	280558.5S	1533420.0E	NOLES	250401.9S	1370620.5E	NS2EM	375255.6S	1473445.2E
NIKKY	190259.0S	1465526.5E	NOLOX	385452.8S	1465539.1E	NT2ND	173325.0S	1405301.8E
NIKOM	154415.1S	1244322.9E	NOLUN	360100.0S	1493036.0E	NT2NE	172803.5S	1405514.2E
NILEV	374006.0S	1472355.0E	NOLUP	213811.0S	1494622.0E	NT2NF	173626.2S	1410100.3E
NIMEK	331640.0S	1382912.1E	NOMAV	291203.9S	1183136.4E	NT2NG	172812.8S	1410113.9E
NINEK	304053.3S	1165428.4E	NOMEL	204523.5S	1412328.4E	NT2NH	174308.1S	1410537.6E
NIPOL	343729.1S	1383748.8E	NOMEV	273225.0S	1530223.2E	NT2NI	173214.9S	1405807.2E
NIPOM	220344.9S	1480431.1E	NOMID	374447.4S	1445221.6E	NT2SA	174902.1S	1411536.5E
NIPON	350721.9S	1221832.9E	NOMIT	290500.0S	1540000.0E	NT2SB	175423.5S	1411324.4E
NIRIL	361702.4S	1464707.0E	NOMON	291501.8S	1432522.0E	NT2SC	175414.4S	1410723.5E
NISAD	184342.5S	1253358.1E	NONAK	343642.0S	1385742.0E	NT2SF	174601.2S	1410737.1E
NISAX	212044.0S	1160340.0E	NONAX	233117.0S	1235208.8E	NT2SH	173919.3S	1410259.7E
NISOP	283644.1S	1222521.1E	NONET	252025.2S	1410853.1E	NT2SI	175012.4S	1411030.7E
NITIT	214238.7S	1490400.8E	NONID	341428.6S	1535449.2E	NUBKO	124758.5S	1293550.7E
NITUN	192054.8S	1372359.2E	NONIR	154032.4S	1481109.9E	NUBMO	250000.0S	1205351.8E
NIVED	183308.8S	1380331.6E	NONIX	370434.3S	1451449.6E	NUBNI	330653.0S	1544940.0E
NIVOT	332221.0S	1503222.0E	NONOG	251727.9S	1122738.4E	NUBTA	272831.2S	1442713.0E
NIXEL	273939.7S	1530306.9E	NONOK	163754.1S	1282655.5E	NUDVA	375036.8S	1445110.2E
NIXEN	374834.6S	1441427.4E	NONOX	340712.7S	1511206.0E	NUGRU	233611.0S	1484824.6E
NIXIM	295426.4S	1502041.2E	NONUM	165500.7S	1452442.7E	NUGSO	334952.5S	1503606.5E
NIXOD	334518.5S	1510009.9E	NONUP	352550.1S	1481755.8E	NUKSO	424227.4S	1472506.9E
NIXUG	312934.2S	1503125.6E	NOODL	324926.0S	1512117.0E	NULSO	334345.2S	1152241.1E
NK2ND	323522.9S	1511819.4E	NOONA	123342.0S	1310321.6E	NUMBU	235736.6S	1335338.9E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
NUMRI	221410.1S	1424549.3E	OB2ED	312116.2S	1455620.3E	OI2WC	163311.4S	1385800.9E
NUMSA	392511.0S	1630000.0E	OB2EE	312313.7S	1460237.8E	OI2WF	163850.5S	1390413.0E
NUMVO	351243.2S	1493538.4E	OB2EF	312859.4S	1455304.0E	OI2WH	164000.6S	1391227.6E
NUNDI	274023.0S	1530445.4E	OB2EG	312858.9S	1460238.5E	OI2WI	163806.4S	1385903.8E
NUNLA	254511.3S	1110052.7E	OB2EH	313335.5S	1454524.1E	OI2WM	163934.3S	1390922.1E
NUNPA	400544.3S	1480053.4E	OB2EI	312606.6S	1455751.1E	OJJAY	322840.1S	1371813.9E
NUPKO	650000.0S	1171948.0E	OB2EM	313152.0S	1454816.7E	OKERU	350758.0S	1491904.0E
NURPA	284947.5S	1181901.6E	OB2WA	314313.9S	1453853.9E	OKIBU	181014.2S	1172138.6E
NUSBU	271513.7S	1523531.9E	OB2WB	314115.5S	1453234.5E	OKIKA	372612.0S	1445500.0E
NUSKU	342942.0S	1313000.0E	OB2WC	313531.0S	1453235.0E	OKISI	385404.1S	1430000.0E
NUSVA	285224.0S	1361236.0E	OB2WF	313531.3S	1454210.8E	OKODU	195858.8S	1431125.0E
NUTLI	354835.7S	1453624.2E	OB2WH	313055.4S	1454951.0E	OKTON	345116.1S	1384001.5E
NUTPA	271434.0S	1513644.5E	OB2WI	313823.5S	1453722.8E	OKVAD	321112.6S	1490702.6E
NUTSU	315607.5S	1153936.6E	OB2WM	313238.9S	1454658.5E	OKVAR	212219.0S	1405241.6E
NUTTA	150031.9S	1305815.9E	OBDEB	424220.8S	1473539.7E	OKVIS	271309.1S	1531201.5E
NUVTA	423656.0S	1474036.0E	OBDES	272248.0S	1532437.0E	OKYEE	271516.8S	1515058.7E
NUVTO	264447.2S	1531535.4E	OBDIB	323323.6S	1514624.1E	OKYEF	272127.7S	1514828.7E
NW2EE	345356.2S	1504504.3E	OBELO	233514.5S	1334319.1E	OKYEG	271650.5S	1515549.3E
NW2EF	345717.3S	1503813.1E	OBGAL	375039.1S	1444708.1E	OKYEH	272118.5S	1514252.0E
NW2EG	345753.2S	1504755.5E	OBGOS	320218.0S	1155611.3E	OKYEI	271909.1S	1515209.1E
NW2EI	345735.3S	1504304.3E	OBKOB	304408.6S	1484653.1E	OKYEJ	272126.6S	1515550.4E
NW2EJ	350126.7S	1504423.4E	OBKUP	324052.1S	1514030.0E	OKYEM	272340.6S	1514457.0E
NW2EM	345659.0S	1503322.0E	OBKUR	323438.7S	1513219.0E	OKYNA	271823.2S	1513434.5E
NW2ET	345644.9S	1502939.4E	OCKLY	324852.1S	1170916.0E	OKYNC	271403.9S	1513621.0E
NW2NA	344631.7S	1503808.4E	OCTAV	234719.9S	1335214.5E	OKYND	271404.5S	1514129.8E
NW2NC	344716.3S	1504338.3E	OCTOB	110849.2S	1302937.7E	OKYNF	272038.9S	1514128.9E
NW2ND	345147.2S	1504440.5E	ODALE	340521.2S	1503103.9E	OKYNH	272008.3S	1515040.0E
NW2NF	345300.3S	1503650.9E	ODOTA	194400.7S	1464742.9E	OKYNI	271721.4S	1513854.9E
NW2NI	345008.3S	1504014.7E	ODURA	271554.1S	1531428.7E	OKYNM	272356.3S	1514403.1E
NW2NM	345552.2S	1503326.9E	ODUTO	275147.8S	1524622.2E	OKYSF	272824.3S	1514732.7E
NW2NT	345801.0S	1503053.8E	OE2ED	304747.4S	1483056.3E	OKYSH	272238.8S	1514302.6E
NW2SF	350041.7S	1502839.3E	OE2EE	304938.0S	1483714.4E	OKYSI	273141.6S	1515007.2E
NW2SI	350355.1S	1502545.8E	OE2EF	305534.1S	1482752.6E	OKYSK	273040.6S	1515428.1E
NW2SK	350715.3S	1502827.4E	OE2EG	305523.2S	1483723.5E	OKYSL	273458.8S	1515241.9E
NW2SL	350708.3S	1502252.0E	OE2EH	310018.4S	1482022.2E	OKYSM	272506.9S	1514458.3E
NW2SM	345728.3S	1503132.7E	OE2EI	305236.1S	1483233.6E	OKYSN	273459.4S	1514731.9E
NW2SN	350246.9S	1502105.5E	OE2EM	305831.9S	1482311.2E	OL2ND	212726.1S	1150848.9E
NW2ST	345503.2S	1503342.5E	OE2WA	311003.9S	1481408.4E	OL2NE	212652.6S	1151456.1E
NY2ED	312237.6S	1472152.0E	OE2WB	310812.5S	1480748.5E	OL2NF	213537.1S	1150939.9E
NY2EE	312459.1S	1472758.2E	OE2WC	310228.0S	1480740.5E	OL2NG	213204.1S	1151735.5E
NY2EF	313006.8S	1471755.6E	OE2WF	310217.9S	1481712.8E	OL2NH	214319.6S	1150500.4E
NY2EG	313043.4S	1472728.6E	OE2WH	305733.6S	1482443.4E	OL2NI	213114.9S	1151218.1E
NY2EH	313412.4S	1470952.6E	OE2WI	310515.3S	1481230.8E	OL2SA	215307.5S	1150452.6E
NY2EI	312733.0S	1472257.0E	OE2WM	305920.3S	1482154.5E	OL2SB	215340.6S	1145844.2E
NY2EM	313240.4S	1471253.8E	OG2NA	275715.6S	1174001.9E	OL2SC	214828.8S	1145605.1E
NY2WA	314326.1S	1470228.5E	OG2NC	275222.8S	1174327.4E	OL2SF	214456.5S	1150401.8E
NY2WB	314103.6S	1465620.6E	OG2ND	275334.0S	1174947.4E	OL2SH	213736.3S	1145726.7E
NY2WC	313520.1S	1465651.5E	OG2NF	280151.2S	1174800.3E	OL2SI	214918.6S	1150123.1E
NY2WF	313557.5S	1470625.6E	OG2NH	280858.9S	1175126.2E	OLBEV	272632.8S	1530256.2E
NY2WH	313152.1S	1471428.8E	OG2NI	275659.6S	1174540.2E	OLDER	211112.0S	1471342.0E
NY2WI	313830.7S	1470123.3E	OG2SE	281700.0S	1180105.7E	OLDET	275158.2S	1532240.2E
NY2WM	313324.2S	1471127.7E	OG2SF	281203.9S	1175255.4E	OLDIB	240334.3S	1510023.1E
NZ2SA	303224.8S	1495135.5E	OG2SG	282153.3S	1175740.2E	OLGEK	314002.1S	1161105.3E
NZ2SB	303433.4S	1494525.5E	OG2SH	280517.5S	1174939.5E	OLGUM	280500.0S	1502000.0E
NZ2SC	303016.5S	1494059.8E	OG2SI	281716.7S	1175526.4E	OLKIG	345400.0S	1530800.0E
NZ2SF	302447.8S	1494803.5E	OG2SJ	282042.4S	1175118.4E	OLKUR	295351.5S	1500937.2E
NZ2SH	301659.2S	1495009.5E	OGATU	271800.7S	1531036.7E	OLMAL	271656.4S	1532025.3E
NZ2SI	302940.6S	1494644.6E	OGESO	334049.3S	1510259.0E	OLMAM	323124.4S	1154630.2E
OA2ED	332618.6S	1492313.6E	OGIXO	335125.8S	1502653.2E	OLMAR	144724.8S	1254933.0E
OA2EE	333202.9S	1492310.5E	OGOGA	272802.0S	1531528.0E	OLNAM	243008.1S	1331215.4E
OA2EF	332614.5S	1491325.9E	OGORA	352345.5S	1491812.7E	OLNOT	341253.0S	1534043.0E
OA2EG	333358.4S	1491642.0E	OGUGU	350453.3S	1382453.1E	OLNUT	194043.6S	1465623.2E
OA2EH	331945.7S	1490419.7E	OI2ED	163647.4S	1392324.3E	OLREB	235935.7S	1333233.1E
OA2EI	332908.8S	1491818.1E	OI2EE	164156.3S	1392605.1E	OLREL	353903.0S	1630000.0E
OA2WA	331818.7S	1485034.4E	OI2EF	164028.8S	1391546.7E	OLRIP	302354.4S	1513820.9E
OA2WB	331234.0S	1485039.3E	OI2EG	164607.6S	1392159.0E	OLRON	305714.9S	1501453.7E
OA2WC	331039.7S	1485706.2E	OI2EH	163909.9S	1390630.2E	OLRUN	232447.1S	1190020.1E
OA2WF	331859.2S	1490119.0E	OI2EI	164112.5S	1392055.9E	OLRUT	355951.0S	1471852.5E
OA2WH	332413.7S	1491003.6E	OI2WA	164231.5S	1385635.3E	OLRUX	321548.1S	1252943.7E
OA2WI	331529.2S	1485529.9E	OI2WB	163722.3S	1385354.8E	OLSAN	123739.5S	1305019.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
OLSEM	333852.0S	1513618.5E	OPEGA	312836.7S	1132244.3E	OT2NH	343934.4S	1480229.8E
OLSEN	175413.8S	1221547.5E	OPEKO	144242.7S	1323757.8E	OT2NI	342608.4S	1480036.5E
OLSIN	173341.9S	1460055.4E	OPESO	285625.9S	1532057.8E	OT2NM	343605.4S	1480200.3E
OLSOG	340258.4S	1511251.4E	OPEXA	351339.0S	1534205.0E	OT2SE	344909.6S	1480935.7E
OLSUN	374436.0S	1444236.0E	OPIPO	265944.7S	1512803.8E	OT2SF	344301.8S	1480259.0E
OLTAK	254816.9S	1381146.4E	OPITU	274845.8S	1525301.8E	OT2SG	345258.7S	1480423.5E
OLTAN	355251.5S	1471202.8E	OPONA	303729.9S	1153402.0E	OT2SH	343504.2S	1480151.7E
OLTAS	125549.3S	1302738.0E	OPORI	354523.1S	1423058.5E	OT2SI	344800.3S	1480341.2E
OLTEG	123532.8S	1310858.9E	OPOSA	185213.6S	1152400.3E	OT2SJ	345014.9S	1475815.4E
OLTIN	323307.7S	1511527.0E	OPOSI	203507.9S	1485829.1E	OT2SM	343803.3S	1480216.9E
OLTOK	273455.8S	1532202.5E	OPTIC	342404.1S	1515319.8E	OTBOK	360833.3S	1350000.0E
OLTUD	262600.8S	1525321.2E	OPUDA	130748.2S	1320354.2E	OTBOL	294712.0S	1515558.0E
OLTUR	374045.1S	1450936.0E	OPUDI	343231.7S	1444957.8E	OTBUM	302259.0S	1534805.0E
OLVAG	341533.9S	1510906.0E	OPUKO	312039.8S	1160454.2E	OTGAB	382515.3S	1350000.0E
OLVEN	344718.1S	1385251.6E	OR2NA	291656.2S	1494943.6E	OTGAT	265803.0S	1524337.0E
OLVEP	324055.2S	1515823.3E	OR2NC	291511.1S	1495558.3E	OTGAX	123726.7S	1310242.5E
OLVIX	350029.0S	1494224.3E	OR2ND	291943.8S	1495959.4E	OTGOM	282001.3S	1164127.6E
OLVOR	295829.2S	1464842.3E	OR2NF	292445.5S	1495234.7E	OTGUN	385402.0S	1471136.0E
OLVUN	272018.1S	1532216.7E	OR2NH	293225.0S	1494951.4E	OTKED	373546.2S	1494306.0E
OMBAG	242132.0S	1161111.0E	OR2NI	291958.3S	1495416.6E	OTKIT	204557.2S	1214132.5E
OMBAS	272948.9S	1513210.3E	OR2SE	294259.1S	1495144.4E	OTKIV	280507.0S	1532829.0E
OMBAT	373306.0S	1450036.0E	OR2SF	293509.8S	1494852.7E	OTKUN	320015.3S	1153240.8E
OMBEN	340033.4S	1501839.5E	OR2SG	294444.0S	1494527.8E	OTLAM	285452.5S	1492405.8E
OMBIB	333015.4S	1510016.6E	OR2SH	292730.3S	1495136.2E	OTLEB	263849.0S	1524004.0E
OMBIS	370253.0S	1472004.0E	OR2SI	293956.9S	1494710.3E	OTLED	304952.0S	1154203.0E
OMBOR	380101.3S	1472250.2E	OR2SJ	294010.9S	1494126.4E	OVENS	245912.0S	1491518.0E
OMBOS	303731.8S	1155440.8E	ORAGU	380101.4S	1442816.1E	OVILS	334205.9S	1510801.2E
OMBUP	312116.9S	1511915.4E	ORATI	320438.0S	1151953.5E	OVLET	161346.2S	1450943.5E
OMDAL	345708.2S	1490742.2E	ORBUN	341145.0S	1384316.2E	OVLUK	303538.6S	1164647.2E
OMDIN	345152.0S	1385034.6E	ORCHY	315940.8S	1154052.1E	OVLUX	331023.0S	1513704.1E
OMDOG	331452.4S	1480457.7E	OREBA	425252.9S	1473423.5E	OVMAT	345455.0S	1534609.0E
OMDUN	262630.5S	1530652.0E	OREBI	272718.7S	1523757.5E	OVMIS	162417.2S	1310024.5E
OMGIL	262300.4S	1313608.0E	ORESO	253027.0S	1181745.0E	OVMUD	290000.0S	1440351.6E
OMGOS	301909.6S	1502622.3E	ORIDO	315448.8S	1153644.9E	OVNEB	273759.0S	1532403.8E
OMGUV	270721.1S	1532047.0E	ORIGA	180918.0S	1504206.0E	OVNER	373519.0S	1444418.0E
OMKAX	291713.6S	1530652.1E	ORILI	204719.2S	1133409.2E	OVNOM	293912.8S	1500604.6E
OMKEK	302712.7S	1370959.7E	ORINO	363947.3S	1444800.2E	OVPAD	424440.4S	1472449.4E
OMKIL	313941.0S	1153737.0E	ORIXI	334003.2S	1505023.3E	OVPEV	325132.2S	1515522.6E
OMKIN	422452.0S	1630000.0E	ORORO	192128.8S	1465438.4E	OVREX	295232.4S	1521538.6E
OMKON	370031.0S	1430311.1E	OS2ED	220934.3S	1404638.7E	OVRON	202104.2S	1485721.2E
OMKUL	424423.1S	1473623.2E	OS2EE	221517.2S	1404555.4E	OVRUL	264401.7S	1531747.1E
OMLAT	281707.1S	1185410.7E	OS2EF	220836.4S	1403752.9E	OVSIV	315906.4S	1495354.9E
OMLAV	342101.2S	1510758.0E	OS2EG	221636.5S	1403954.2E	OVSOT	282314.2S	1540050.1E
OMLIR	323518.0S	1514154.1E	OS2EH	220315.4S	1403127.5E	OW2EA	200009.8S	1382001.1E
OMUBI	233815.4S	1460405.8E	OS2EI	221156.9S	1404154.1E	OW2EB	200549.6S	1381855.2E
OMUNI	123533.1S	1305126.6E	OS2WA	220012.9S	1402014.1E	OW2EC	200647.1S	1381254.6E
OMUVU	333150.8S	1510912.9E	OS2WB	215430.0S	1402058.4E	OW2EF	195840.7S	1381127.8E
ONAGI	382816.4S	1453724.3E	OS2WC	215311.5S	1402658.8E	OW2EH	195214.7S	1380445.5E
ONALA	151110.5S	1170144.7E	OS2WF	220111.7S	1402859.3E	OW2EI	200215.2S	1381511.4E
ONALI	123041.4S	1305829.9E	OS2WH	220632.8S	1403524.5E	OW2WD	194933.8S	1375458.3E
ONARA	181903.5S	1431546.8E	OS2WI	215750.9S	1402458.7E	OW2WE	194354.1S	1375604.5E
ONEGI	262523.6S	1203436.1E	OSADA	315736.4S	1151657.4E	OW2WF	195103.2S	1380331.0E
ONGAR	291200.3S	1144755.0E	OSANO	222747.7S	1421705.1E	OW2WG	194256.7S	1380204.2E
ONGLO	352730.0S	1491706.0E	OSATO	324255.9S	1513413.4E	OW2WH	195729.3S	1381013.2E
ONIPA	272548.0S	1525821.7E	OSEGU	270916.0S	1532946.0E	OW2WI	194728.6S	1375947.7E
ONOXA	120000.0S	1205242.0E	OSEMI	390448.0S	1465902.0E	OY2EF	302710.3S	1365839.4E
ONSLO	213959.4S	1150643.4E	OSINA	234328.3S	1332907.7E	OY2EI	302531.4S	1370400.7E
ONUMA	305828.0S	1482248.9E	OSOKO	271121.8S	1531302.6E	OY2WF	303052.8S	1364633.3E
ONUTO	373841.8S	1445000.2E	OSOTI	300009.9S	1512045.4E	OY2WH	302812.4S	1365517.1E
OO2ED	281258.2S	1402547.7E	OSOTO	180715.4S	1163553.9E	OY2WI	303232.8S	1364105.7E
OO2EE	281828.8S	1402355.9E	OSRAR	315034.0S	1494929.6E	PADBU	423154.0S	1462848.0E
OO2EF	281036.7S	1401654.9E	OSTAM	282247.0S	1522907.0E	PADEF	350139.6S	1384051.0E
OO2EG	281848.7S	1401726.7E	OSTIM	383711.8S	1602107.1E	PADEH	345518.3S	1382910.6E
OO2EH	280357.6S	1402112.5E	OSTOL	274208.4S	1160735.2E	PADEI	350425.0S	1384556.0E
OO2EI	281432.8S	1402025.3E	OSUMA	272648.4S	1175507.1E	PADEK	350125.6S	1385049.2E
OO2EM	280722.8S	1401402.4E	OSURI	280758.0S	1545135.0E	PADEL	350710.2S	1385101.4E
OPABA	085130.0S	1380400.0E	OSVOL	201503.6S	1220255.6E	PADEN	350917.3S	1384431.4E
OPALL	263443.0S	1182708.2E	OT2NA	342458.8S	1475443.7E	PADNA	350327.7S	1494429.6E
OPAVA	373246.3S	1443837.1E	OT2NC	342109.9S	1475954.6E	PADNF	345118.1S	1384003.6E
OPAXA	271524.9S	1452622.9E	OT2NF	343106.9S	1480118.4E	PADNH	345938.8S	1382755.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
PADNI	344843.8S	1384347.2E	PBDWG	231117.3S	1173018.2E	PEGTU	350835.1S	1382616.2E
PADNJ	345206.4S	1385050.7E	PBDWH	230541.0S	1175128.3E	PENAR	202116.5S	1411355.8E
PADNM	345626.3S	1383235.7E	PBDWI	231450.9S	1173407.7E	PEPPY	260636.0S	1413930.0E
PADRY	231952.3S	1153924.8E	PCCND	120313.1S	0963926.5E	PETAA	310543.0S	1153630.0E
PADSE	350655.6S	1381716.9E	PCCNE	115757.9S	0964150.7E	PETAB	305000.0S	1160000.0E
PADSF	350031.3S	1382638.8E	PCCNF	120635.8S	0964703.9E	PETAC	305000.0S	1153000.0E
PADSH	345523.3S	1383407.3E	PCCNG	115823.4S	0964740.9E	PETAD	303730.0S	1142903.0E
PADSI	350343.5S	1382158.0E	PCCNH	121330.0S	0965114.7E	PETAG	325618.0S	1153141.0E
PADSM	345738.0S	1383051.1E	PCCNI	120216.9S	0964427.3E	PETRL	171216.0S	1352134.5E
PADVA	500000.0S	1414354.0E	PCCNM	121054.7S	0964940.6E	PEWEE	175556.6S	1463005.5E
PADVU	231323.1S	1503611.9E	PCCSA	121944.2S	0970036.8E	PEXIV	380355.8S	1442746.7E
PADWF	345342.3S	1382614.8E	PCCSB	122459.5S	0965812.7E	PEXOR	242721.9S	1171845.7E
PADWH	350236.6S	1383525.9E	PCCSC	122434.2S	0965222.0E	PEXUM	294000.0S	1575600.0E
PADWI	345119.3S	1382153.6E	PCCSF	121621.8S	0965258.8E	PFTNA	360303.7S	1490816.6E
PADWO	345417.5S	1381700.0E	PCCSH	120927.6S	0964847.9E	PFTNC	360222.6S	1490440.5E
PADWP	344832.9S	1381650.1E	PCCSI	122040.7S	0965535.7E	PFTNF	360738.6S	1491045.1E
PADWQ	344627.2S	1382319.2E	PCCSM	121202.9S	0965022.0E	PFTNH	361419.2S	1491153.7E
PAGMI	111435.0S	1283921.0E	PD2ND	201646.6S	1182459.7E	PFTNI	360344.6S	1491152.8E
PAGRI	333949.6S	1151413.4E	PD2NE	201109.3S	1182618.6E	PFTNM	361231.0S	1490920.3E
PAGSO	123243.9S	1310400.1E	PD2NF	201832.9S	1183330.2E	PG2ED	122057.2S	1370222.2E
PAGTA	284000.0S	1152600.0E	PD2NG	201023.8S	1183221.3E	PG2EE	122641.5S	1370152.2E
PAKLA	132417.8S	1023328.2E	PD2NH	202427.8S	1183915.7E	PG2EF	122007.2S	1365352.5E
PAKTU	430310.2S	1473919.0E	PD2NI	201451.1S	1182954.4E	PG2EG	122811.6S	1365612.5E
PAKVU	305000.0S	1414436.0E	PD2SA	202906.3S	1185035.2E	PG2EH	121505.6S	1364745.8E
PALTI	275109.0S	1164212.6E	PD2SB	203443.7S	1184916.4E	PG2EI	122328.3S	1365757.0E
PAMBU	270553.2S	1531106.4E	PD2SC	203529.2S	1184312.8E	PG2WA	121205.7S	1363633.0E
PAMDO	183716.8S	1265301.9E	PD2SF	202720.3S	1184203.9E	PG2WB	120621.0S	1363701.5E
PAMGA	122223.3S	1310532.0E	PD2SH	202125.5S	1183618.1E	PG2WC	120449.5S	1364240.2E
PAMGO	270813.4S	1525714.7E	PD2SI	203102.0S	1184540.1E	PG2WF	121245.6S	1364453.2E
PAMMY	344401.8S	1381945.5E	PD900	201844.9S	1183341.8E	PG2WH	121753.1S	1365110.8E
PAMRI	280633.4S	1524236.8E	PD904	202249.1S	1182633.2E	PG2WI	120933.3S	1364057.3E
PANBA	215824.0S	1151517.0E	PD906	203124.2S	1182949.1E	PH010	320327.9S	1160223.1E
PANBI	232914.7S	1191953.6E	PD910	202708.3S	1184152.2E	PH020	320254.4S	1155924.9E
PANDU	113806.0S	0782636.0E	PD914	203332.1S	1184026.3E	PH030	315934.1S	1155659.1E
PANPU	272924.2S	1501959.1E	PD916	204828.5S	1183620.2E	PH040	315459.7S	1155819.1E
PANRO	194630.0S	1360006.0E	PD918	203805.9S	1183714.4E	PH050	315033.2S	1155341.8E
PANVA	315742.0S	1160912.0E	PD922	205248.9S	1183707.4E	PH060	320013.7S	1160006.5E
PANVI	104839.0S	1300757.0E	PD928	203803.1S	1182926.1E	PH070	315407.5S	1155413.3E
PANVO	350454.0S	1382453.0E	PD930	201225.6S	1183842.2E	PH2EF	315315.8S	1160345.4E
PAPDO	380233.2S	1464220.3E	PD934	201539.7S	1184542.4E	PH2EH	315724.5S	1155542.5E
PAPGA	373919.8S	1444358.3E	PD938	201441.2S	1184107.2E	PH2ND	314743.3S	1155540.1E
PAPGU	333910.4S	1505812.2E	PD940	201351.2S	1184644.5E	PH2NF	315153.4S	1155913.2E
PARAD	170234.5S	1243720.8E	PD942	203420.6S	1185135.2E	PH2NM	315527.2S	1155811.1E
PARDA	322838.6S	1382808.6E	PD946	203749.8S	1185420.7E	PH2SF	320209.8S	1155613.7E
PARNU	382547.9S	1463222.0E	PD950	202338.8S	1184911.0E	PH2SH	315329.7S	1155117.8E
PARPO	192830.0S	1464806.0E	PD952	201641.5S	1184951.6E	PH2WF	315902.8S	1155231.1E
PARRY	274446.3S	1522119.9E	PD954	201111.1S	1185424.9E	PH2WH	315454.4S	1160034.2E
PARSI	373229.0S	1443651.6E	PD958	201545.0S	1185328.1E	PI2ED	330936.0S	1381406.9E
PASCO	374312.0S	1445748.0E	PD970	201720.6S	1183219.8E	PI2EE	331417.8S	1381801.6E
PASGO	333428.8S	1512203.0E	PD974	201114.0S	1183922.9E	PI2EF	331417.8S	1380606.3E
PASPO	260642.8S	1530507.6E	PD978	202225.5S	1185017.5E	PI2EG	331900.9S	1381405.7E
PATKO	305211.8S	1300000.0E	PD982	202832.5S	1184314.4E	PI2EH	331416.8S	1375634.0E
PATMU	314255.8S	1161532.5E	PEART	372830.7S	1444326.9E	PI2EI	331418.2S	1381203.9E
PATSU	282001.7S	1540219.7E	PEBAL	375836.0S	1445836.0E	PI2WA	331916.2S	1374732.2E
PAVBI	293838.3S	1503406.8E	PEBBL	123938.5S	1304923.5E	PI2WC	330915.1S	1374733.7E
PAVGO	112135.3S	1055918.3E	PEBDO	301952.5S	1513521.0E	PI2WF	331416.4S	1375330.6E
PAVNU	193000.0S	1141456.5E	PEBRA	333751.6S	1505308.0E	PI2WH	331417.5S	1380302.9E
PAVSA	343241.0S	1383024.0E	PEBTA	105750.6S	1401030.7E	PI2WI	331415.7S	1374732.9E
PAVSO	342753.7S	1173928.6E	PEBTO	373004.1S	1444052.2E	PIBED	052012.0S	0904400.0E
PAVTA	163023.0S	1454912.1E	PEBTU	341920.0S	1543920.0E	PIBIX	334259.2S	1504936.3E
PAWSO	171244.0S	1460619.5E	PECOB	430942.7S	1505613.1E	PIBOT	205122.6S	1152422.1E
PBDEA	230049.6S	1175446.0E	PEDGO	285428.0S	1525106.0E	PIDEG	335310.9S	1504459.7E
PBDEB	230342.8S	1180008.8E	PEDLU	335339.9S	1513129.0E	PIDEN	271226.4S	1173050.1E
PBDEC	230922.8S	1175903.4E	PEDNI	371148.0S	1431617.8E	PIDIX	422910.1S	1471441.0E
PBDEF	230756.1S	1175018.4E	PEDPI	131636.0S	0750000.0E	PIDOS	425541.0S	1474339.5E
PBDEH	231118.3S	1174225.7E	PEDSA	135204.3S	1200446.2E	PIDOV	285618.2S	1505855.1E
PBDEI	230549.5S	1175513.7E	PEGBA	335456.8S	1511655.0E	PIDUT	315520.9S	1154221.6E
PBDWD	231950.9S	1173435.0E	PEGLI	375405.9S	1443616.8E	PIGIG	105702.0S	1422734.0E
PBDWE	231657.1S	1172911.9E	PEGRI	280058.0S	1531512.9E	PIKIS	343244.4S	1383005.4E
PBDWF	231244.7S	1173903.4E	PEGSU	341949.9S	1504708.3E	PIKON	271125.5S	1531422.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
PILAK	335542.0S	1505918.6E	PM2SF	145931.7S	1413953.1E	PPPEA	203041.4S	1484742.0E
PILBY	344013.6S	1364402.3E	PM2SH	145231.8S	1413549.5E	PPPEB	203620.9S	1484849.5E
PILIG	270357.0S	1532018.7E	PM2SI	150354.0S	1414225.5E	PPPEC	203916.6S	1484333.6E
PILOS	352752.5S	1491557.9E	PM2SM	145509.3S	1413720.8E	PPPEF	203211.9S	1483907.2E
PILTA	331130.0S	1414736.0E	PN2NA	293000.1S	1352832.5E	PPPEH	202852.3S	1483121.9E
PIMOV	423255.3S	1473440.0E	PN2NC	292732.8S	1353429.1E	PPPEI	203416.4S	1484358.3E
PINAV	285254.0S	1290000.0E	PN2ND	293135.5S	1353909.4E	PQ2ND	311140.2S	1525230.6E
PINIP	194648.1S	1470021.7E	PN2NF	293725.7S	1353232.9E	PQ2NE	311240.2S	1530040.8E
PIPOV	042206.0S	0923230.0E	PN2NH	294520.0S	1353059.7E	PQ2NF	312122.7S	1525453.7E
PIPPA	144051.1S	1501124.4E	PN2NI	293229.3S	1353331.1E	PQ2NG	311752.1S	1530332.6E
PJ2ED	315422.2S	1160202.4E	PN2SE	295554.5S	1353423.9E	PQ2NH	312820.5S	1525015.2E
PJ2EF	320206.9S	1155850.8E	PN2SF	294829.0S	1353022.5E	PQ2NI	311701.5S	1525747.4E
PJ2EG	320201.2S	1160829.0E	PN2SG	295821.7S	1352825.6E	PQ2SA	313906.4S	1524924.0E
PJ2EH	320352.7S	1154556.1E	PN2SH	294034.7S	1353155.8E	PQ2SB	313937.7S	1524242.3E
PJ2EI	315911.7S	1160337.5E	PN2SI	295325.4S	1352924.1E	PQ2SC	313404.7S	1523732.5E
PJ2SF	320838.1S	1155826.3E	PN2SJ	295418.7S	1352344.4E	PQ2SF	313055.7S	1524831.6E
PJ2SH	320410.8S	1154510.9E	PODEA	381353.5S	1414340.2E	PQ2SH	312358.0S	1525310.3E
PJ2SI	321056.2S	1160340.2E	PODEB	381826.3S	1414807.0E	PQ2SI	313516.7S	1524537.1E
PJ2SJ	320732.4S	1160759.9E	PODEC	382317.3S	1414412.8E	PR2WD	202548.0S	1481841.0E
PJ2SK	321314.1S	1160854.4E	PODEF	381853.8S	1413525.5E	PR2WE	202002.6S	1481851.1E
PJ2SL	321554.4S	1160255.1E	PODEH	381915.5S	1412516.2E	PR2WF	202601.3S	1482724.2E
PJ2WA	321404.6S	1154717.1E	PODEI	381840.0S	1414146.3E	PR2WG	201813.3S	1482438.5E
PJ2WB	320732.9S	1154148.8E	PODWD	382423.8S	1411249.3E	PR2WH	203123.7S	1483506.6E
PJ2WF	320829.1S	1154823.0E	PODWE	381949.9S	1410822.7E	PR2WI	202302.0S	1482307.6E
PJ2WI	321048.8S	1154432.8E	PODWF	381924.3S	1412104.5E	PR2WM	202900.5S	1483141.0E
PJ2WM	320609.3S	1155213.0E	PODWG	381500.0S	1411217.4E	PRAWN	335750.7S	1512245.7E
PJ2WT	320438.4S	1154636.3E	PODWH	381902.8S	1413113.8E	PS2NA	183734.1S	1462342.6E
PK2ND	140502.6S	1292308.4E	PODWI	381937.3S	1411443.6E	PS2NC	183310.7S	1462510.7E
PK2NE	140022.9S	1292636.4E	POKIP	290218.0S	1140118.0E	PS2ND	183259.5S	1463000.2E
PK2NF	140952.6S	1292957.7E	POKIT	355842.4S	1465701.3E	PS2NF	183933.9S	1463017.1E
PK2NG	140158.0S	1293216.8E	POKOP	352847.2S	1490930.8E	PS2NH	184256.4S	1462947.5E
PK2NH	141728.3S	1293238.8E	POKOS	203427.0S	1224027.4E	PS2NI	183622.3S	1462743.9E
PK2NI	140507.7S	1292817.1E	POLEV	265513.2S	1381009.3E	PS2NM	184245.5S	1463250.4E
PK2SA	142455.5S	1294024.3E	POLLI	354413.1S	1483555.3E	PS2SE	184948.4S	1464423.0E
PK2SB	142935.3S	1293656.1E	POLUM	200000.0S	0983248.1E	PS2SF	184930.3S	1463912.4E
PK2SC	142800.1S	1293115.0E	POLUP	313324.0S	1370830.0E	PS2SG	185315.2S	1464409.5E
PK2SF	142005.6S	1293334.7E	POLUR	285443.0S	1533753.3E	PS2SH	185053.7S	1463615.3E
PK2SH	141229.9S	1293053.3E	POLUX	311145.0S	1153306.6E	PS2SI	185122.6S	1464141.0E
PK2SI	142450.4S	1293515.2E	POMEL	341337.3S	1503301.5E	PS2SJ	185413.8S	1464040.3E
PLEDL	290901.6S	1245648.0E	PONAN	242105.7S	1475145.4E	PS2SM	184737.4S	1463644.2E
PLEZN	344703.7S	1390423.6E	PONOD	274501.1S	1530828.5E	PTNND	142445.9S	1321022.1E
PLMND	220053.2S	1140117.5E	PONUX	244253.3S	1541607.0E	PTNNE	141910.4S	1321147.4E
PLMNF	220755.4S	1140551.0E	POODL	273112.9S	1532019.8E	PTNNF	142644.6S	1321833.7E
PLMNG	220131.2S	1141122.9E	POPET	351708.3S	1491904.0E	PTNNG	141833.7S	1321739.9E
PLMNH	221556.0S	1140516.2E	POPEX	232628.1S	1504122.4E	PTNNH	143247.9S	1322358.9E
PLMNI	220255.0S	1140612.8E	POPLA	351336.0S	1481600.0E	PTNNI	142257.5S	1321510.5E
PLMSA	222709.4S	1140932.4E	POREM	372908.5S	1445314.9E	PTNNM	143043.9S	1322207.9E
PLMSB	223008.1S	1140414.4E	PORID	262259.4S	1524819.3E	PTNSA	143748.9S	1323454.6E
PLMSC	222631.3S	1135925.1E	PORIV	290000.1S	1452347.7E	PTNSB	144324.5S	1323329.4E
PLMSF	222007.4S	1140458.0E	POROB	193747.5S	1471417.0E	PTNSC	144401.2S	1322736.3E
PLMSH	221206.8S	1140532.8E	POROR	133446.2S	0985847.8E	PTNSF	143550.4S	1322642.5E
PLMSI	222507.7S	1140436.2E	PORTS	380112.2S	1445413.7E	PTNSH	142947.2S	1322117.1E
PLUGA	353626.6S	1544119.8E	PORUV	343214.0S	1535101.0E	PTNSI	143937.4S	1323005.9E
PLZNA	342230.8S	1355427.8E	POSAS	314432.4S	1151207.2E	PU2NA	321906.4S	1373156.8E
PLZNC	342140.6S	1360119.1E	POSOD	032930.0S	0940954.0E	PU2NC	321421.5S	1373545.7E
PLZND	342643.7S	1360437.0E	POSOX	101330.0S	1435536.0E	PU2ND	321546.5S	1374219.0E
PLZNF	343037.9S	1355554.2E	POSUM	310553.3S	1564700.5E	PU2NF	322343.9S	1373956.2E
PLZNH	343747.8S	1355133.8E	POSUT	300639.5S	1512533.0E	PU2NH	322529.8S	1374516.0E
PLZNI	342609.3S	1355836.7E	POTIP	214137.1S	1250758.5E	PU2NI	321902.7S	1373750.8E
PLZNM	343506.6S	1355311.5E	POTUM	291744.1S	1465916.2E	PU2NM	322825.0S	1374201.7E
PM2ND	144505.8S	1412557.1E	POTUS	344431.0S	1382812.0E	PUBAP	361856.8S	1413844.2E
PM2NE	143954.1S	1412830.6E	POVED	193340.9S	1470240.4E	PUBAR	135812.8S	1052950.9E
PM2NF	144839.1S	1413334.6E	POVIT	353330.8S	1621750.7E	PUBIV	272124.9S	1531954.9E
PM2NG	144027.8S	1413423.9E	POXAL	350733.2S	1382903.2E	PUBOX	144424.0S	1413436.0E
PM2NH	145539.0S	1413738.0E	POXID	421905.3S	1471533.7E	PUDIN	185625.3S	1410932.7E
PM2NI	144416.6S	1413102.5E	PPFNA	343501.4S	1383957.2E	PUDUR	242355.0S	1462922.1E
PM2NM	145301.5S	1413606.7E	PPFND	343928.0S	1384959.5E	PUDUS	320419.9S	1161041.8E
PM2SA	150304.5S	1414731.3E	PPFNF	344310.2S	1384107.6E	PUDUT	325741.0S	1512823.9E
PM2SB	150816.4S	1414458.0E	PPFNH	344644.3S	1383102.7E	PUGEL	194939.0S	1561328.1E
PM2SC	150742.9S	1413903.9E	PPFNI	343845.4S	1384359.5E	PUGON	280739.2S	1520701.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
PUGUB	145908.9S	1293825.8E	QL2WD	264021.0S	1440117.3E	RASHI	381411.8S	1472519.1E
PUGUT	274302.1S	1315311.5E	QL2WE	263524.1S	1435800.7E	RASKY	205047.1S	1231224.1E
PUKIM	384810.0S	1474308.1E	QL2WF	263608.7S	1440908.2E	RAV08	380358.0S	1442750.9E
PULAX	164044.7S	1453413.1E	QL2WG	263057.0S	1440203.2E	RAV09	380624.3S	1443006.3E
PULEB	203310.1S	1301957.8E	QL2WH	263643.8S	1441802.3E	RAV10	380618.4S	1443014.5E
PULEX	273729.3S	1525926.8E	QL2WI	263546.5S	1440334.4E	RAXOK	290301.5S	1530152.8E
PULOL	242716.2S	1364543.8E	QU2EA	313649.1S	1504525.8E	RAYNA	343812.1S	1383622.3E
PUMAK	240713.1S	1331942.3E	QU2EB	314223.0S	1504344.7E	RAZZI	380100.0S	1451842.0E
PUMED	320211.8S	1155613.1E	QU2EC	314255.7S	1503703.1E	RB2EA	374010.5S	1485154.5E
PUMET	225722.5S	1494052.9E	QU2EF	313445.4S	1503608.7E	RB2EB	374517.0S	1485743.7E
PUMIP	285120.8S	1532830.1E	QU2EH	312707.8S	1502833.4E	RB2EC	375029.2S	1485305.8E
PUMRY	323910.9S	1165930.0E	QU2EI	313834.2S	1503956.6E	RB2EF	374639.2S	1484357.8E
PUNED	234948.7S	1335651.9E	QU2WD	312248.3S	1501703.5E	RB2EH	374738.7S	1483357.0E
PUNEK	274055.0S	1531607.2E	QU2WE	311714.6S	1501844.9E	RB2EI	374601.8S	1485013.3E
PUNIG	272643.6S	1530537.7E	QU2WF	312452.5S	1502619.1E	RB2EM	374716.5S	1483742.3E
PUNIT	163751.4S	1445421.7E	QU2WG	311642.0S	1502524.7E	RB2WD	375335.1S	1482145.1E
PUNOT	113902.0S	1332254.0E	QU2WH	313230.2S	1503354.1E	RB2WE	374926.6S	1481538.8E
PUPEB	142317.2S	1461434.2E	QU2WI	312103.5S	1502231.9E	RB2WF	374805.4S	1482925.4E
PUPIT	120000.0S	1150900.0E	QUIET	270636.0S	1530406.0E	RB2WG	374321.4S	1481943.0E
PUPIV	134517.2S	1260855.3E	RACEV	203030.8S	1411522.1E	RB2WH	374706.1S	1483926.3E
PW2NA	305541.0S	1364448.6E	RACHL	293209.3S	1500850.2E	RB2WI	374842.3S	1482309.7E
PW2NC	305252.9S	1365037.8E	RADLA	345852.3S	1384705.5E	RB2WM	374728.5S	1483541.0E
PW2ND	305638.2S	1365540.8E	RAFFY	211520.0S	1193544.0E	RBN01	272524.8S	1530142.7E
PW2NF	310251.2S	1364927.2E	RAINY	164200.0S	1453206.0E	RBN02	271956.7S	1530421.7E
PW2NH	311047.8S	1364809.8E	RAKSO	340218.9S	1504129.7E	RBN03	272451.2S	1530408.5E
PW2NI	305752.0S	1365002.6E	RANGU	315302.8S	1153033.1E	RBN04	272723.1S	1530924.1E
PW2NM	310750.3S	1364851.8E	RAPLY	175858.9S	1222122.9E	RBN05	272340.3S	1531109.7E
PW3SB	312132.2S	1365245.3E	RARIE	255206.0S	1173318.0E	RBN06	272049.9S	1531237.0E
PW3SE	312420.5S	1364654.3E	RARTI	203000.0S	1343749.2E	RBN07	272623.3S	1531052.3E
PW3SF	311422.2S	1364805.4E	RAS01	234903.9S	1335108.4E	RBN08	271616.2S	1530712.2E
PW3SG	312034.9S	1364150.2E	RAS02	234915.6S	1335236.3E	RBN09	272139.4S	1530207.2E
PW3SH	310623.6S	1364902.1E	RAS03	235757.4S	1335047.3E	RC2EA	365251.6S	1405759.1E
PW3SI	311921.3S	1364729.9E	RAS04	240201.9S	1334956.1E	RC2EB	365711.2S	1410241.2E
QB002	333918.0S	1152514.1E	RAS05	240356.9S	1335706.3E	RC2EC	370212.9S	1405913.7E
QB003	333821.3S	1152629.3E	RAS08	235105.3S	1340924.4E	RC2EF	365814.7S	1405016.7E
QB004	333809.1S	1152709.9E	RAS09	234856.0S	1334631.1E	RC2EH	365904.6S	1404020.9E
QB005	333609.8S	1152840.6E	RAS10	234427.5S	1335403.8E	RC2EI	365743.1S	1405629.0E
QB006	333500.9S	1152832.9E	RAS11	234149.6S	1334527.7E	RC2EM	365846.0S	1404404.4E
QB007	333346.2S	1152824.5E	RAS12	233957.4S	1333922.2E	RC2WD	370444.4S	1402906.2E
QB203	334804.9S	1152430.7E	RAS13	234507.4S	1335614.5E	RC2WE	370023.9S	1402424.7E
QB204	334738.9S	1152840.7E	RAS14	234933.3S	1335232.6E	RC2WF	365922.1S	1403649.8E
QB205	334409.0S	1153342.2E	RAS15	232818.3S	1340226.9E	RC2WG	365522.8S	1402753.6E
QB206	334326.3S	1153647.9E	RAS22	234852.6S	1335047.5E	RC2WH	365826.3S	1404800.1E
QB2ND	332801.0S	1152526.9E	RAS23	234545.4S	1335246.3E	RC2WI	365953.0S	1403037.3E
QB2NE	332704.3S	1153212.6E	RAS24	233142.4S	1335516.1E	RCB01	350904.7S	1490503.6E
QB2NF	333606.7S	1152703.4E	RAS25	233920.6S	1334830.0E	RCB02	351225.7S	1491852.1E
QB2NG	333204.3S	1153535.4E	RAS26	233456.7S	1335918.2E	RCB03	350945.2S	1490749.9E
QB2NH	334415.2S	1152223.9E	RAS27	235024.9S	1340358.3E	RCB04	352058.2S	1490645.8E
QB2NI	333135.5S	1152938.2E	RAS29	240051.4S	1335208.4E	RCB05	350809.9S	1492237.4E
QB2SA	335427.2S	1152248.0E	RAS30	234946.0S	1335115.2E	RCB06	351205.1S	1490907.4E
QB2SB	335523.4S	1151600.0E	RAS32	235401.8S	1335747.6E	RCB07	352343.1S	1491558.9E
QB2SC	335022.9S	1151237.5E	RAS33	234655.3S	1340217.9E	RCB26	351456.1S	1491344.5E
QB2SF	334621.5S	1152111.6E	RAS34	234533.7S	1341835.3E	RCB41	352058.2S	1490836.7E
QB2SH	333808.4S	1152537.3E	RAS35	231945.6S	1340038.0E	RCB51	353022.3S	1490518.1E
QB2SI	335052.5S	1151835.9E	RAS38	235753.4S	1340525.9E	RCB55	352334.6S	1491339.6E
QB303	334516.7S	1151730.3E	RAS39	240118.4S	1341628.0E	RCB58	352730.5S	1491725.9E
QB304	334316.9S	1151527.7E	RAS40	235440.3S	1335505.4E	RCB60	352321.2S	1491647.1E
QB306	333642.5S	1151504.4E	RAS42	234533.0S	1341338.2E	RCB63	345659.5S	1490859.2E
QBC01	334509.3S	1152611.4E	RAS43	232950.9S	1341047.6E	RCB64	351223.8S	1490619.6E
QBC02	334638.6S	1153611.4E	RAS44	235730.0S	1341541.2E	RCB66	351104.0S	1491811.3E
QBC03	334221.1S	1151911.0E	RAS45	234600.2S	1340035.2E	RCB69	350812.7S	1491032.8E
QBC04	333853.7S	1151756.5E	RAS46	234443.0S	1341335.8E	RCB72	350406.6S	1492209.2E
QBC05	334006.0S	1152714.1E	RAS47	231524.4S	1340339.7E	RCB76	352405.5S	1490620.9E
QBC06	333620.6S	1152623.5E	RAS48	235808.3S	1335253.3E	RCB81	351557.5S	1491435.9E
QL2EA	263245.4S	1442936.7E	RAS49	240130.6S	1335833.2E	RCB82	351209.1S	1491016.3E
QL2EB	263741.3S	1443253.7E	RAS50	232955.4S	1333926.2E	RCB83	350912.5S	1491759.9E
QL2EC	264209.4S	1442851.2E	RAS54	240428.7S	1340504.1E	RCB85	352153.5S	1490913.3E
QL2EF	263658.4S	1442145.9E	RAS55	240250.3S	1342031.0E	RCB88	352635.5S	1493007.9E
QL2EH	263623.5S	1441251.8E	RAS56	234212.0S	1345739.7E	RCB89	352342.5S	1491432.4E
QL2EI	263719.9S	1442719.8E	RAS57	240111.9S	1334247.8E	RCG07	281451.5S	1532521.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
RCG08	281510.6S	1532948.2E	RHM04	202600.6S	1485653.2E	RKG07	305226.5S	1213257.9E
RCG09	281237.8S	1533830.6E	RHM05	203052.4S	1490318.3E	RKG08	305409.2S	1211508.8E
RCG10	282811.4S	1533456.5E	RHM06	201506.0S	1485520.7E	RM604	175825.3S	1221916.3E
RCG12	281352.1S	1533220.4E	RHM07	203011.0S	1490727.1E	RM606	175514.6S	1220719.5E
RCG23	280802.1S	1533108.7E	RHM08	202446.1S	1490305.9E	RM620	180447.3S	1221941.9E
RD2ED	285545.3S	1223649.8E	RHM09	200558.8S	1484803.0E	RM624	180440.6S	1222253.7E
RD2EE	285812.0S	1224245.1E	RHM10	203443.7S	1490105.0E	RM630	180116.9S	1222410.0E
RD2EF	290311.3S	1223251.2E	RI2WD	333702.3S	1503052.6E	RM634	180338.1S	1222622.2E
RD2EG	290355.8S	1224209.9E	RI2WF	333405.3S	1503829.9E	RM638	180413.7S	1221735.2E
RD2EH	290710.2S	1222455.4E	RI2WG	332803.0S	1503412.5E	RM640	180351.4S	1222008.3E
RD2EI	290041.8S	1223748.2E	RI2WH	332951.9S	1505303.2E	RM642	180700.8S	1222145.4E
RD2WA	291606.8S	1221753.4E	RI2WI	333303.1S	1503429.9E	RM646	180851.8S	1223505.9E
RD2WB	291339.0S	1221157.7E	RI2WM	333600.5S	1504555.9E	RMA01	204135.4S	1395152.1E
RD2WC	290755.4S	1221234.6E	RI3EA	333618.1S	1505915.8E	RMA02	203514.4S	1393244.0E
RD2WF	290841.3S	1222153.6E	RI3EM	333635.0S	1504809.9E	RMA04	203724.8S	1393126.7E
RD2WH	290442.6S	1222949.7E	RI510	333734.4S	1505200.9E	RMA05	210017.2S	1393913.5E
RD2WI	291110.2S	1221655.8E	RI511	333314.0S	1504557.0E	RMA06	204442.5S	1393446.3E
RDN13	122432.2S	1305946.3E	RI528	333326.4S	1504004.1E	RMA07	203235.7S	1392546.0E
RDN14	123214.5S	1304451.3E	RI530	333116.9S	1503518.3E	RMA08	204826.1S	1392620.9E
RDN17	122020.8S	1304718.2E	RI531	332433.3S	1503813.6E	RMA09	203142.3S	1392659.2E
RDN22	122938.9S	1305913.4E	RI601	333057.7S	1501836.6E	RMDEA	203916.8S	1432038.9E
RDN23	122505.7S	1304538.8E	RI602	333345.5S	1503757.2E	RMDEB	204426.1S	1432321.8E
REBEG	255829.4S	1530646.0E	RIBLI	422824.0S	1470042.0E	RMDEC	204836.3S	1431908.2E
REBIR	211326.4S	1235713.8E	RIBLU	313134.2S	1564330.1E	RMDEF	204255.8S	1431248.9E
REDAS	340300.3S	1502208.9E	RIBNU	122039.1S	1303815.6E	RMDEH	204143.2S	1430422.8E
REDOM	310704.5S	1144858.2E	RIDLE	354518.0S	1280000.0E	RMDEI	204341.0S	1431805.3E
REEFE	110000.0S	1431530.0E	RIDMA	351208.9S	1383041.9E	RMDEM	204210.5S	1430732.6E
REEZA	285651.6S	1674256.4E	RIDVO	284923.1S	1531526.8E	RMDWD	204451.0S	1425300.2E
REGER	342807.9S	1503331.4E	RIGBO	274436.0S	1332736.0E	RMDWE	203941.0S	1425017.6E
REGIN	190908.8S	1471115.4E	RIGMI	321205.0S	1630000.0E	RMDWF	204112.6S	1430050.0E
REGOM	280545.1S	1532743.8E	RIGTU	255100.0S	1483300.0E	RMDWG	203531.6S	1425431.0E
REKAK	415715.2S	1471837.9E	RIKDA	321713.6S	1485938.2E	RMDWH	204225.4S	1430916.1E
RELEM	231256.2S	1500916.5E	RIKNI	340455.6S	1523355.8E	RMDWI	204026.9S	1425533.8E
RELEP	361000.4S	1420507.0E	RIKTU	342418.5S	1401315.3E	RMDWM	204158.1S	1430606.3E
RELOK	122525.5S	1303843.2E	RIKUS	380132.0S	1465343.0E	RML01	373501.9S	1445328.4E
REMOR	265322.2S	1525050.6E	RIKVA	204217.9S	1470840.1E	RML02	373525.4S	1445339.3E
REMOT	383530.9S	1473249.0E	RIKVI	350147.9S	1381414.9E	RMX01	220050.4S	1480600.1E
RENAK	215849.0S	1431941.0E	RILGO	264225.3S	1493525.8E	RMX02	220105.7S	1480610.5E
RENAM	335204.5S	1511001.7E	RILVO	200644.1S	1402351.7E	RNB01	334617.4S	1504853.9E
RENED	340356.3S	1405259.3E	RIMSU	373608.6S	1462805.2E	RNB02	334734.0S	1504910.6E
RENEE	340732.9S	1405820.9E	RINKI	272808.2S	1531935.5E	RNB03	335116.2S	1503928.8E
RENEF	341018.9S	1404646.1E	RINLA	134029.9S	1341727.9E	RNB04	335508.5S	1503149.5E
RENEG	341259.3S	1405605.9E	RIPMA	253658.5S	1184351.6E	ROCEL	374517.2S	1450109.8E
RENEH	341230.9S	1403729.7E	RIPMI	121110.0S	1304325.0E	ROESA	380000.7S	1471917.9E
RENEI	340856.0S	1405233.6E	RIPMO	374215.5S	1442941.6E	ROGGS	350340.9S	1385420.7E
RENEL	304519.1S	1340636.7E	RIPNA	140000.0S	1582500.0E	ROGUE	343548.2S	1380526.6E
RENEM	341141.5S	1404058.4E	RIRBO	274944.4S	1524746.0E	ROKDL	373528.3S	1444922.4E
RENER	374219.9S	1444347.9E	RIRSA	264654.0S	1480648.0E	ROKUU	281103.3S	1494007.6E
RENWA	341949.9S	1402713.7E	RISMI	070755.2S	0872005.7E	ROLFE	171300.1S	1460953.6E
RENWB	341611.9S	1402151.2E	RITSU	332124.0S	1504115.9E	ROLOB	314734.6S	1161454.2E
RENWC	341046.7S	1402407.4E	RITVU	271802.8S	1525852.7E	ROMND	261932.5S	1484411.3E
RENWF	341328.1S	1403327.7E	RIVET	341650.7S	1502549.1E	ROMNE	261715.5S	1485002.7E
RENWH	341116.4S	1404244.2E	RIVGO	350335.6S	1391248.2E	ROMNF	262704.9S	1484748.5E
RENWI	341450.1S	1402739.5E	RIVTO	122039.8S	1304021.0E	ROMNG	262126.1S	1485426.0E
RENWM	341205.9S	1403915.6E	RIXON	325728.2S	1520510.8E	ROMNH	263456.5S	1484600.8E
REPAN	032853.3S	0765335.2E	RKA01	204625.9S	1163421.0E	ROMNI	262210.2S	1484855.7E
REPOB	313408.5S	1484104.0E	RKA02	204804.9S	1163913.0E	ROMPA	362700.0S	1313000.0E
REPOK	313539.4S	1163151.2E	RKA06	204607.7S	1165526.6E	ROMSA	264546.5S	1484853.6E
REPUD	354650.9S	1580455.3E	RKA07	204510.2S	1165234.1E	ROMSB	264803.4S	1484300.7E
REPUX	271542.8S	1525221.0E	RKA08	204523.1S	1165517.4E	ROMSC	264352.5S	1483836.8E
RERAB	430000.0S	0750000.0E	RKA09	203941.0S	1165155.0E	ROMSF	263814.1S	1484515.6E
RETEP	282956.4S	1350039.5E	RKA10	204624.4S	1164045.3E	ROMSH	263022.5S	1484703.4E
REVGU	331001.9S	1513716.2E	RKA11	204606.9S	1164101.7E	ROMSI	264308.8S	1484408.2E
REVKI	335418.9S	1495634.2E	RKA12	205302.7S	1163430.7E	RONAN	315215.7S	1163507.1E
RGS01	234944.3S	1511101.4E	RKA14	205145.4S	1165400.3E	ROOKI	105649.7S	1391216.3E
RGS02	235002.5S	1511142.7E	RKA15	205603.5S	1163616.4E	ROONY	283132.6S	1533614.4E
RHB10	424406.1S	1473032.9E	RKA16	205543.2S	1164818.8E	ROTTO	131218.8S	1251433.7E
RHB20	425024.0S	1473644.5E	RKG03	304922.1S	1211846.0E	ROYAL	352747.2S	1490947.1E
RHM01	202020.3S	1485418.9E	RKG04	305405.3S	1213325.9E	RP2NE	310410.5S	1373049.3E
RHM02	201342.8S	1485334.1E	RKG06	305137.8S	1213325.3E	RP2NF	311353.5S	1372757.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
RP2NG	311015.7S	1373502.6E	RUKNA	340806.0S	1381430.5E	SA2WM	203323.2S	1171437.0E
RP2NH	312158.8S	1372534.5E	RUKNO	271859.0S	1524954.0E	SABAX	381746.5S	1470623.8E
RP2NI	310902.0S	1372923.6E	RUKSI	182609.4S	1334448.5E	SABEK	020833.0S	0775337.0E
RP2SA	312913.5S	1372927.7E	RULGU	295456.9S	1525329.8E	SABTI	242216.7S	1271926.3E
RP2SB	313251.0S	1372221.2E	RULUN	265408.2S	1532929.2E	SABTO	312538.4S	1155800.0E
RP2SF	312308.2S	1372513.9E	RULVI	275013.3S	1171155.2E	SABUR	224810.0S	1484218.0E
RP2SH	311502.8S	1372737.3E	RUMAK	315614.6S	1160658.7E	SADAK	344701.0S	1390851.0E
RP2SI	312759.6S	1372347.7E	RUMES	361116.6S	1470427.4E	SADAR	121340.3S	1303148.2E
RPD02	203808.0S	1184234.3E	RUMGI	154530.6S	1432411.7E	SADEL	250224.0S	1342300.0E
RPD03	202951.3S	1183844.0E	RUMIE	361947.3S	1474342.5E	SADID	210633.5S	1491750.7E
RPD04	202425.2S	1184500.3E	RUMIX	270737.0S	1630000.0E	SADLO	324717.0S	1505749.5E
RPD05	202215.7S	1185638.3E	RUMKA	174712.5S	1464939.3E	SADMI	345942.2S	1382101.0E
RPD06	202114.9S	1190204.3E	RUMRO	273745.6S	1530349.4E	SADOL	320857.8S	1154547.0E
RPD07	202529.0S	1184646.0E	RUMUM	424424.6S	1474344.4E	SADUD	133328.8S	1065734.3E
RPD08	201417.3S	1183551.4E	RUNAG	423447.8S	1473647.9E	SAFIR	192200.0S	1203430.0E
RPD09	203417.6S	1182115.3E	RUNDA	345636.0S	1462324.0E	SAGAR	320200.5S	1155438.9E
RPD10	205242.8S	1182346.4E	RUNEL	700000.0S	1575736.0E	SAGIR	354158.0S	1483332.8E
RPD11	202127.7S	1183033.6E	RUNIV	304447.3S	1211917.1E	SAGLI	261816.0S	1525259.0E
RPD12	201602.0S	1183649.9E	RUNLA	221600.0S	1501124.0E	SAGNO	215832.4S	1145830.8E
RPD13	195922.9S	1184527.6E	RUNLO	285143.3S	1534703.4E	SAGTA	271904.6S	1525850.3E
RPD14	200758.1S	1184941.3E	RUNNA	331551.6S	1504717.5E	SAILA	280631.0S	1533547.0E
RPD15	201656.1S	1183621.9E	RUNOD	360925.0S	1630000.0E	SAKAB	143100.0S	1025800.0E
RPD16	202842.1S	1190328.8E	RUNRO	322718.0S	1435636.0E	SAKAP	264136.9S	1531745.4E
RRM01	175808.7S	1220628.8E	RUNRU	245830.7S	1305851.3E	SAKBI	350558.3S	1591141.2E
RRM02	181353.0S	1220153.4E	RUNUT	134937.3S	0912250.0E	SAKBO	271655.5S	1530952.2E
RRM04	181116.6S	1221532.4E	RUPEG	124257.0S	1321346.0E	SAKEG	081016.8S	0852003.6E
RRM07	180119.5S	1221825.7E	RUPEL	344540.1S	1381116.9E	SAKEN	120540.0S	1345336.0E
RRM08	180144.6S	1222545.9E	RUPEM	335322.1S	1493452.1E	SAKOM	313929.9S	1152104.2E
RRM09	180218.7S	1223553.2E	RUPIK	342754.0S	1384812.0E	SAKUT	425141.6S	1474621.2E
RRM10	181832.7S	1223218.1E	RUPOD	383356.3S	1461618.4E	SALAL	550000.0S	1361936.0E
RRM11	183049.9S	1220950.6E	RUPOG	303643.6S	1503818.9E	SALEB	312929.7S	1155927.7E
RRM12	180257.0S	1222013.9E	RUPUS	211925.3S	1332729.1E	SALEL	273818.5S	1532340.1E
RRM13	181137.1S	1222523.0E	RURAP	244145.6S	1312224.0E	SALGA	272210.8S	1532424.4E
RRM14	175912.2S	1222903.7E	RURLA	360136.0S	1464329.4E	SALOT	344755.8S	1365725.0E
RRM15	180153.1S	1222032.4E	ROROX	242938.9S	1503411.6E	SALOX	193200.0S	1463100.0E
RSU10	263007.8S	1530431.4E	RURTO	192429.6S	1470046.2E	SALRI	354852.5S	1435233.0E
RTIEA	315640.0S	1154258.7E	RUSAD	304909.8S	1334023.3E	SALUS	324749.4S	1514959.5E
RTIEB	320026.6S	1154452.2E	RUSIP	273502.3S	1531923.7E	SAMIG	375542.0S	1444518.0E
RTIEC	320412.0S	1154255.4E	RUSIR	375747.4S	1470051.1E	SAMIN	321820.5S	1374300.5E
RTIEF	320024.0S	1153638.3E	RUSKA	124434.6S	1320036.1E	SAMLA	313743.2S	1155059.4E
RTIEH	320021.3S	1152824.4E	RUSOM	314151.0S	1155258.2E	SAMOR	132119.3S	1414321.1E
RTIEI	320025.5S	1154120.5E	RUSUM	332442.9S	1502619.9E	SAMOT	285924.3S	1675046.3E
RTIEM	320022.9S	1153306.6E	RUSVA	272541.0S	1525349.0E	SAMSN	271918.0S	1525242.0E
RTIWD	320459.7S	1151809.1E	RUTAT	272625.6S	1531503.7E	SAMVI	272220.1S	1524437.4E
RTIWE	320015.5S	1151419.8E	RUTAX	270907.0S	1530123.2E	SANAD	312311.0S	1512444.6E
RTIWF	320020.5S	1152605.4E	RUTED	185638.5S	1464358.4E	SANEG	274904.2S	1530238.3E
RTIWG	315534.8S	1151814.8E	RUTMO	330043.5S	1365042.6E	SANEM	374342.8S	1445946.0E
RTIWH	320304.6S	1152851.3E	RUTOS	331447.6S	1504018.8E	SANOP	600000.0S	1520518.0E
RTIWI	320018.1S	1152012.6E	RUTRS	181040.3S	1222936.1E	SANOX	251035.3S	1470644.9E
RTL05	191631.5S	1464152.5E	RUVAL	211141.3S	1484655.5E	SAPAN	360501.6S	1465211.2E
RTL07	192444.7S	1464925.8E	RUVOT	162955.1S	1454442.6E	SAPDA	120000.0S	1112536.0E
RTL14	191526.8S	1465847.7E	RUVTI	122147.5S	0992827.9E	SAPED	312107.3S	1410025.7E
RTL15	192513.5S	1464719.2E	RUVUS	361238.6S	1393108.0E	SAPIT	350539.4S	1492125.9E
RTL20	191708.8S	1464834.9E	RUXIB	301436.9S	1472607.8E	SAPKO	312903.4S	1162440.1E
RTL21	192719.3S	1464605.6E	RWN01	233133.6S	1194537.5E	SAPNO	290000.0S	1461047.3E
RTL22	191907.9S	1465651.5E	RWN02	232537.9S	1193838.3E	SAPOR	285155.9S	1532614.7E
RTL24	192329.3S	1464738.1E	RWN03	232430.4S	1194026.3E	SAPOX	340750.0S	1525745.0E
RTL39	191916.9S	1465535.5E	RWN05	231622.6S	1195324.4E	SAPUG	315739.8S	1161236.9E
RTL63	191413.1S	1465913.1E	RWN06	232542.5S	1195555.6E	SARAG	344543.1S	1383740.4E
RTL67	191308.4S	1464917.5E	RWN07	231819.9S	1195157.2E	SARAP	325506.8S	1630000.0E
RTL69	191648.1S	1464147.7E	RWN08	231752.7S	1195009.7E	SARGA	191415.1S	1463028.1E
RTL78	192332.1S	1464704.8E	RWN09	234203.5S	1193955.6E	SARIG	231132.1S	1183333.6E
RTL79	191316.7S	1464937.1E	RWN10	232816.9S	1194312.7E	SARIK	220032.4S	1414545.5E
RTL83	191502.6S	1465845.3E	RWN11	232506.1S	1194304.8E	SARIS	290744.9S	1680550.2E
RTL89	192510.0S	1464806.1E	RWW01	273154.0S	1514120.3E	SAROK	262339.3S	1290424.8E
RTL95	192310.8S	1464340.1E	RWW02	273901.1S	1514501.5E	SARRE	122856.7S	1310500.4E
RUDEY	272309.3S	1522326.7E	SA2WA	203606.0S	1170237.4E	SARUB	371157.6S	1443548.1E
RUFLE	370154.0S	1350000.0E	SA2WB	203220.6S	1170348.8E	SARUS	233736.2S	1503507.2E
RUGBO	292049.1S	1165656.0E	SA2WF	203636.8S	1171018.9E	SASEG	334752.1S	1501913.3E
RUGMU	233958.6S	1333834.3E	SA2WI	203451.3S	1170534.7E	SASMO	193938.5S	1464755.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
SASRO	383451.0S	1630000.0E	SEMGO	161625.8S	1222545.6E	SL2WH	370511.6S	1424701.2E
SATCO	192748.0S	1464006.0E	SEVSI	305059.7S	1233737.0E	SL2WI	365944.3S	1423216.5E
SATNA	110412.0S	1243412.0E	SF2WA	205804.9S	1493632.4E	SLASH	222300.0S	1444954.0E
SATNU	301700.0S	1590600.0E	SF2WC	205942.1S	1494353.8E	SLICK	352755.6S	1492536.8E
SATPA	272858.7S	1403753.3E	SF2WF	205247.5S	1494537.0E	SLOAN	354919.1S	1533558.2E
SAVER	273110.7S	1540335.7E	SF2WI	205526.3S	1494104.8E	SM2ED	220743.9S	1180435.8E
SB3MA	335753.3S	1505047.7E	SF2WM	204600.6S	1495713.2E	SM2EE	221124.0S	1180921.5E
SB3NA	334721.7S	1505742.6E	SGEEA	280516.8S	1485030.1E	SM2EF	221403.8S	1175857.9E
SB3NF	335227.7S	1505658.5E	SGEEB	281100.5S	1485100.6E	SM2EG	221649.5S	1180717.1E
SB3NI	334918.3S	1505644.7E	SGEEC	281323.6S	1484505.7E	SM2EH	221611.2S	1175038.7E
SB3NM	335459.8S	1505854.7E	SGEEF	280555.2S	1484115.8E	SM2EI	221244.0S	1180409.8E
SB3SF	335345.2S	1505555.1E	SGEEH	280150.4S	1483328.6E	SM2EM	221523.5S	1175346.0E
SB3SI	335348.0S	1505252.1E	SGEEI	280827.9S	1484608.1E	SM2WA	221213.7S	1173507.5E
SB3WB	334912.8S	1504822.9E	SGEEM	280322.2S	1483623.7E	SM2WB	221719.4S	1173214.4E
SB3WF	335300.9S	1505420.6E	SGEWD	280045.1S	1482059.0E	SM2WC	222135.2S	1173624.1E
SB3WI	335126.6S	1505047.8E	SGEWE	275500.7S	1482029.5E	SM2WF	221603.4S	1174256.4E
SB3WM	335443.8S	1505813.4E	SGEWF	280007.4S	1483012.4E	SM2WH	221606.8S	1175337.7E
SB511	335103.6S	1505729.8E	SGEWG	275238.4S	1482623.0E	SM2WI	221641.5S	1173735.4E
SB529	335215.7S	1505349.3E	SGEWH	280412.3S	1483759.3E	SM2WM	221525.2S	1174817.3E
SC2WA	341235.8S	1503057.0E	SGEWI	275734.2S	1482520.8E	SMALL	281145.8S	1533133.2E
SC2WB	341010.4S	1502441.0E	SGEWM	280240.6S	1483504.1E	SMHNA	223202.8S	1502930.2E
SC2WC	340427.0S	1502517.0E	SHABY	330650.0S	1500447.2E	SMHNF	224009.0S	1503552.7E
SC2WF	340509.4S	1503506.4E	SHAWN	234423.7S	1340351.9E	SMHNH	225825.1S	1505018.5E
SC2WH	341109.7S	1503759.5E	SHAZA	333939.7S	1520054.3E	SMHNI	223605.9S	1503241.4E
SC2WI	340740.0S	1502953.8E	SHEED	374350.9S	1445452.8E	SMHNM	224412.0S	1503904.2E
SC2WM	340238.8S	1504018.2E	SHEPO	122755.8S	1313836.9E	SMIFF	420930.8S	1563847.5E
SCARP	320948.0S	1160300.0E	SHIKO	265624.0S	1500700.0E	SMOKA	265232.7S	1523755.8E
SCATZ	323918.0S	1501518.0E	SHINN	191042.0S	1401718.0E	SN2EC	290758.7S	1680828.2E
SCHEE	225906.2S	1285206.2E	SHNAB	272445.6S	1523603.0E	SN2EF	290532.3S	1680250.3E
SCOTT	275206.0S	1534800.0E	SHTNA	361240.3S	1452034.8E	SN2EM	290332.6S	1675814.0E
SCUBY	160542.0S	1295412.0E	SHTNC	361017.7S	1452701.8E	SN2ET	290210.1S	1675024.1E
SCULN	350338.3S	1485326.6E	SHTND	361423.5S	1453159.9E	SN2SA	290845.3S	1674526.5E
SD2EA	320136.6S	1484335.0E	SHTNF	362008.4S	1452446.2E	SN2SF	290605.8S	1675016.9E
SD2EB	320326.6S	1484958.8E	SHTNH	362535.9S	1451548.5E	SN2SH	290407.9S	1680046.2E
SD2EC	320911.4S	1485008.9E	SHTNI	361513.0S	1452554.1E	SN2SM	290326.4S	1675507.2E
SD2EF	320923.3S	1484030.1E	SHTNM	362503.7S	1452338.3E	SN2WF	285931.2S	1675058.6E
SD2EH	321436.1S	1483209.4E	SHTNT	362801.0S	1452257.5E	SN2WH	290348.0S	1675841.7E
SD2EI	320625.0S	1484514.6E	SHUTL	323944.4S	1520458.8E	SNELY	383423.0S	1502217.0E
SD2WD	322415.8S	1482600.0E	SHYNN	283347.5S	1151540.3E	SNICK	123442.0S	1314436.0E
SD2WE	322224.4S	1481935.3E	SI2EA	092713.9S	1424952.1E	SNOOD	150930.2S	1342307.3E
SD2WF	321629.5S	1482907.0E	SI2EB	093257.5S	1424913.6E	SO2SA	203336.6S	1163738.9E
SD2WG	321639.5S	1481927.3E	SI2EC	093419.1S	1424335.1E	SO2SB	203243.6S	1163523.2E
SD2WH	321135.5S	1483658.9E	SI2EF	092619.2S	1424137.9E	SO2SC	203035.9S	1163427.1E
SD2WI	321927.0S	1482421.3E	SI2EH	092656.3S	1423702.2E	SO2SF	202838.9S	1163943.1E
SE2EA	412654.1S	1483249.0E	SI2EI	092938.4S	1424525.7E	SO2SI	203035.9S	1163738.9E
SE2EB	412247.8S	1483809.9E	SI2EM	092300.0S	1423750.1E	SO2SM	202449.3S	1164346.7E
SE2EC	411737.7S	1483453.1E	SIFRA	294804.9S	1561224.6E	SOCAR	131317.3S	1331956.9E
SE2EF	412109.6S	1482503.7E	SILVN	342737.3S	1401445.0E	SOFAL	330006.0S	1494624.0E
SE2EH	411623.2S	1482306.0E	SIMAS	201428.2S	1431736.6E	SOLIH	024844.0S	0772337.0E
SE2EI	412158.9S	1483136.7E	SIMOS	264348.0S	1530418.0E	SOLIT	235500.0S	0750000.0E
SE2EM	412019.9S	1481830.9E	SINAM	260000.0S	1062905.8E	SOLLI	202958.3S	1311545.3E
SE2WD	412250.6S	1475749.5E	SINNK	271239.2S	1531340.0E	SOLUS	322854.1S	1161641.3E
SE2WE	411742.1S	1475426.5E	SK2SA	112919.1S	1305141.3E	SOOTY	272430.6S	1523644.4E
SE2WF	411912.0S	1480733.7E	SK2SB	113503.8S	1305114.3E	SOPAT	161634.4S	1130029.4E
SE2WG	411332.8S	1475941.3E	SK2SC	113636.6S	1304536.6E	SORCE	302716.6S	1473528.7E
SE2WH	412050.6S	1482200.0E	SK2SF	112841.0S	1304322.3E	SORTI	314915.5S	1515245.0E
SE2WI	411827.1S	1480100.1E	SK2SH	112334.6S	1303704.9E	SORTU	320954.0S	1203854.0E
SE2WM	412014.9S	1481644.9E	SK2SI	113152.4S	1304718.3E	SORVA	273230.0S	1530910.2E
SEBLU	392615.0S	1463341.0E	SK2SM	112529.6S	1303926.4E	SORVI	423528.0S	1472750.3E
SEBVA	261723.5S	1523901.9E	SKIPA	265423.5S	1262207.1E	SOSIJ	341020.2S	1511405.2E
SEBVI	351024.2S	1492937.0E	SL2ED	370452.1S	1430013.4E	SOSTU	253110.9S	1524235.8E
SEDNI	143237.7S	1323236.4E	SL2EE	371031.0S	1430131.3E	SOTKI	335040.7S	1551107.6E
SEDRA	333553.0S	1374337.4E	SL2EF	370620.8S	1425009.1E	SOTMI	265530.0S	1351012.0E
SEEKR	235713.7S	1335807.1E	SL2EG	371325.5S	1425519.9E	SOVMU	264754.0S	1205730.3E
SEEMO	305220.7S	1255215.9E	SL2EH	370259.8S	1424104.1E	SOVRO	104942.0S	1405728.3E
SEKNU	372641.8S	1450944.6E	SL2EI	370826.0S	1425550.0E	SOVRU	363206.0S	1475042.0E
SEKRI	331415.7S	1380539.6E	SL2WA	370317.2S	1422752.1E	SOVTO	283551.3S	1173245.6E
SEKRU	220500.0S	1135200.0E	SL2WB	365737.9S	1422636.8E	SP2WD	284139.4S	1514434.1E
SEMAJ	284036.0S	1535342.0E	SL2WC	365444.9S	1423248.1E	SP2WE	283652.6S	1514056.5E
SEMBU	190500.0S	1462100.0E	SL2WF	370150.4S	1423756.5E	SP2WF	283705.1S	1515218.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
SP2WG	283214.2S	1514447.3E	ST2WH	310607.5S	1505232.9E	SV2WI	123139.5S	1415551.6E
SP2WH	283715.0S	1520123.4E	ST2WI	305715.4S	1504127.9E	SW2EA	351759.6S	1434713.1E
SP2WI	283658.9S	1514637.3E	ST2WM	310404.8S	1504959.3E	SW2EB	352245.1S	1435109.0E
SP2WM	283711.4S	1515758.9E	STANG	311337.2S	1153945.6E	SW2EC	352724.2S	1434702.1E
SPARK	285415.4S	1534041.8E	STILE	331154.0S	1215036.0E	SW2EF	352235.5S	1433855.3E
SPEER	273617.1S	1315530.5E	STIMP	280630.0S	1533439.0E	SW2EH	352227.7S	1432908.4E
SPENA	341541.5S	1365426.8E	STIRL	350346.5S	1384445.2E	SW2EI	352240.3S	1434502.2E
SPIES	322538.5S	1490647.9E	STOES	132654.9S	1314704.5E	SW2EM	352230.7S	1433248.5E
SPITY	310433.0S	1160030.0E	STUIE	333549.0S	1504635.0E	SWAGY	240000.0S	1100000.0E
SPLIZ	324325.1S	1492651.0E	SU430	262712.5S	1530343.3E	SWAGZ	164530.3S	1453330.1E
SPODD	384927.5S	1414745.2E	SU440	263158.0S	1530152.5E	SYDNF	335044.8S	1510859.8E
SPOTA	340431.4S	1374436.7E	SU450	263722.6S	1530631.0E	SYDNH	340048.6S	1511000.8E
SPUDO	314927.9S	1161113.3E	SU460	264033.2S	1530914.8E	SYDNM	335548.4S	1511018.4E
SQCNA	310751.7S	1190726.1E	SU615	263146.1S	1531859.7E	SYDSF	340330.7S	1511218.5E
SQCNC	310216.2S	1190859.2E	SU625	263858.4S	1531629.0E	SYDSH	335324.7S	1510805.6E
SQCND	310136.5S	1191537.1E	SU630	264022.2S	1531156.4E	SYDSM	335751.4S	1511050.3E
SQCNF	310956.2S	1191654.1E	SU640	263950.6S	1530928.8E	SYNOT	421312.0S	1465348.0E
SQCNH	311545.1S	1192255.5E	SU650	263851.9S	1530747.7E	SZ2EA	320838.0S	1510704.6E
SQCNI	310601.1S	1191251.1E	SU660	263347.8S	1530326.6E	SZ2EB	321420.6S	1510618.3E
SQCNM	311330.4S	1192035.8E	SU931	263432.5S	1531447.6E	SZ2EC	321540.5S	1505943.6E
SQCSE	312009.6S	1193451.0E	SU932	263712.5S	1531010.8E	SZ2EF	320701.5S	1505636.9E
SQCSF	311816.4S	1192532.4E	SUBUM	374842.0S	1350000.0E	SZ2EH	321000.8S	1505033.7E
SQCSG	312545.3S	1193318.7E	SUDAG	115358.1S	1301433.7E	SZ2EI	321101.1S	1510153.8E
SQCSH	311132.2S	1191833.4E	SUDLU	123806.8S	1304609.5E	SZ2EM	320301.7S	1505120.4E
SQCSI	312200.8S	1192925.5E	SUGAB	284629.0S	1191312.2E	TA2EF	342240.2S	1473613.0E
SQCSJ	312625.5S	1192639.1E	SUKBU	192907.9S	1470706.3E	TA2EH	342626.9S	1472741.4E
SQCSM	311431.9S	1192139.5E	SUKTU	290506.8S	1510446.3E	TA2EI	342018.2S	1474132.4E
SR2NA	415518.1S	1451133.1E	SULDA	364021.3S	1474957.4E	TA2EK	341520.8S	1474040.6E
SR2NC	415151.4S	1452206.7E	SULDO	273521.5S	1525419.0E	TA2EL	341756.0S	1474651.4E
SR2ND	415804.9S	1453004.4E	SULMI	281317.5S	1492314.9E	TA2EN	342338.4S	1474602.7E
SR2NF	420407.1S	1451848.5E	SULON	395131.0S	1630000.0E	TA2WE	342655.5S	1471432.6E
SR2NH	421158.0S	1451641.2E	SULPO	374730.0S	1444612.0E	TA2WF	342754.7S	1472422.8E
SR2NI	415912.8S	1452007.9E	SULTU	200439.1S	1452555.0E	TA2WG	343237.7S	1471342.4E
SR2SE	422353.7S	1452427.0E	SUMPA	163142.5S	1164001.7E	TA2WH	342408.2S	1473254.7E
SR2SF	421434.4S	1451559.0E	SUMRU	380012.1S	1443515.2E	TA2WI	343016.2S	1471902.7E
SR2SG	422422.8S	1451319.2E	SUMSA	331235.4S	1514537.0E	TA2WJ	343513.7S	1471954.0E
SR2SH	420643.6S	1451806.2E	SUMUP	324400.0S	1372100.0E	TAGOD	395430.0S	1350000.0E
SR2SI	421928.6S	1451439.2E	SUNAL	331428.3S	1375942.6E	TAITE	383132.0S	1442825.0E
SR2SJ	422013.5S	1450759.3E	SUNEK	422359.1S	1473933.9E	TALAG	350652.7S	1491215.5E
SS500	334954.1S	1510039.5E	SUNIL	165600.0S	1275354.0E	TAMEA	255222.2S	1500742.2E
SS501	334918.9S	1505708.4E	SUNIX	141116.3S	1345526.0E	TAMEB	255806.2S	1500710.7E
SS502	334744.8S	1504748.8E	SUNKI	381842.0S	0750000.0E	TAMEC	255937.0S	1500102.2E
SS503	334613.0S	1503846.4E	SUNOB	400252.0S	1484742.0E	TAMED	145512.0S	1440506.0E
SS504	334230.0S	1505450.0E	SUNPO	145158.1S	1273857.7E	TAMEF	255141.4S	1495839.1E
SS506	334401.8S	1512450.8E	SUNTI	383027.9S	1451248.7E	TAMEH	254633.5S	1495150.1E
SSYEF	335457.8S	1511651.3E	SUNUB	275034.1S	1531848.6E	TAMEI	255453.8S	1500254.8E
SSYEH	335705.1S	1510751.9E	SUPAS	331054.0S	1250000.0E	TAMEM	254829.0S	1495423.4E
SSYEM	335616.0S	1511120.1E	SUPGA	250507.6S	1473019.0E	TAMMI	340607.6S	1504941.3E
SSYNF	335122.9S	1510951.2E	SUPKA	292007.0S	1151141.0E	TAMOD	331606.0S	1182818.0E
SSYNH	340217.5S	1511659.4E	SUREB	270350.7S	1512644.1E	TAMWD	254351.7S	1494007.8E
SSYNI	334925.4S	1510920.7E	SURGN	345037.2S	1390401.7E	TAMWE	253807.7S	1494039.7E
SSYNM	335705.9S	1511119.8E	SURIS	281110.6S	1200000.0E	TAMWF	254432.8S	1494910.1E
SSYSF	340456.3S	1511322.4E	SURPO	265508.2S	1523422.2E	TAMWG	253637.1S	1494647.1E
SSYSH	335350.8S	1511632.6E	SURSI	275750.2S	1532059.5E	TAMWH	254940.9S	1495558.8E
SSYSM	335814.8S	1511137.7E	SURUR	163349.2S	1453157.5E	TAMWI	254120.3S	1494454.9E
SSYST	335617.3S	1511107.1E	SURVO	152149.9S	1364006.5E	TAMWM	254745.4S	1495325.5E
SSYWF	335742.4S	1510513.2E	SUSAK	373451.4S	1445710.7E	TANEM	153108.0S	1100712.2E
SSYWH	335548.4S	1511317.2E	SUSGI	253541.9S	1514023.4E	TANIK	273548.6S	1525903.4E
SSYWM	335637.5S	1510949.0E	SUSPU	312200.0S	1361942.0E	TANOV	330000.0S	1370000.0E
ST2EA	310947.0S	1510511.7E	SV2EA	123957.6S	1421843.0E	TANTA	355250.4S	1483154.3E
ST2EB	311528.4S	1510417.4E	SV2EB	124542.7S	1421903.7E	TANUD	213503.5S	1491236.4E
ST2EC	311641.3S	1505744.5E	SV2EC	124759.9S	1421340.4E	TAPAX	361818.0S	1250000.0E
ST2EF	310839.9S	1505544.0E	SV2EF	124026.5S	1421021.0E	TAPET	260632.7S	1525753.9E
ST2EH	310312.7S	1504854.2E	SV2EH	123510.0S	1420138.6E	TAPIO	325753.3S	1520416.9E
ST2EI	311204.3S	1510000.5E	SV2EI	124304.7S	1421442.3E	TAPIT	224235.5S	1191955.0E
ST2EM	310515.5S	1505127.8E	SV2WD	123446.2S	1415150.8E	TAPUL	273312.3S	1525333.9E
ST2WD	305932.4S	1503617.3E	SV2WE	122901.0S	1415130.7E	TARAK	204545.4S	1120306.6E
ST2WE	305350.4S	1503712.7E	SV2WF	123417.9S	1420012.7E	TARAL	343006.6S	1495600.5E
ST2WF	310040.2S	1504543.4E	SV2WG	122644.3S	1415653.9E	TARES	224106.3S	1495826.3E
ST2WG	305238.3S	1504343.4E	SV2WH	123934.5S	1420855.0E	TARET	191100.0S	1452600.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
TAROL	263212.0S	1522124.0E	TELAP	191119.8S	1465544.2E	TIBNI	291947.6S	1420816.4E
TASED	423134.4S	1473640.1E	TELIP	364434.0S	1441934.1E	TIBNM	292644.5S	1420342.6E
TASEG	321135.4S	1441047.4E	TELOG	281440.0S	1535436.9E	TIBSE	293958.2S	1420113.5E
TASIK	333157.8S	1505212.3E	TEMAN	180130.3S	1222134.4E	TIBSF	293147.5S	1420023.4E
TASIS	381256.1S	1455337.3E	TEMAP	315143.5S	1152926.2E	TIBSG	294028.8S	1415440.0E
TASMA	395959.0S	1460422.0E	TEMIS	371222.8S	1455006.2E	TIBSH	292358.3S	1420531.9E
TASUM	425049.6S	1473136.0E	TEMUL	271756.0S	1532833.6E	TIBSI	293608.1S	1415731.8E
TASUN	203724.0S	1472354.0E	TENCH	145346.6S	1480341.8E	TIBSJ	293516.2S	1415152.8E
TATAP	104539.5S	1331520.6E	TENER	412118.0S	1470149.2E	TIBSM	292726.8S	1420314.9E
TATEN	282924.0S	1523212.0E	TENIP	281818.7S	1534429.8E	TICAL	120000.0S	1512231.1E
TATOD	105906.0S	1025842.0E	TEPUN	302830.1S	1161655.1E	TIGGA	274336.8S	1410447.1E
TATUK	192545.6S	1263846.7E	TERAR	175610.9S	1384907.1E	TIMBO	321023.5S	1512741.6E
TAVET	381717.5S	1481044.5E	TEREM	320806.3S	1160939.9E	TIMET	190741.0S	1161917.1E
TAVEV	241536.1S	1432633.2E	TEROG	280212.0S	1160400.0E	TINAH	213618.0S	1414518.0E
TAXAT	340413.2S	1505355.4E	TEROS	052916.0S	0752312.0E	TL2NE	190004.2S	1465309.5E
TAXEG	291323.1S	1511413.2E	TERRA	281424.0S	1533312.0E	TL2NF	190751.4S	1464929.4E
TAXES	350532.3S	1383428.7E	TERUV	253741.8S	1525429.3E	TL2NH	191746.5S	1464421.3E
TAXIV	300218.7S	1530425.8E	TESAT	335637.7S	1511057.3E	TL2NI	190411.6S	1465113.0E
TAXUM	222154.9S	1430501.8E	TEXAN	190042.0S	1372924.0E	TL2NM	191350.1S	1464640.2E
TAYER	161744.7S	1172142.3E	TEZZA	270427.4S	1521258.9E	TL2NT	192052.7S	1464151.0E
TB2NA	341140.5S	1355527.2E	TG2ED	203414.5S	1303502.2E	TL2SF	192127.1S	1464304.2E
TB2NC	340659.8S	1355928.1E	TG2EE	203956.2S	1303556.2E	TL2SH	191245.0S	1464710.9E
TB2ND	340831.7S	1360607.6E	TG2EF	203527.1S	1302623.9E	TL2WA	192346.2S	1463224.5E
TB2NF	341626.3S	1360329.8E	TG2EG	204240.8S	1303033.5E	TL2WB	192008.6S	1462741.9E
TB2NH	341828.4S	1360910.7E	TG2EH	203124.8S	1301749.2E	TL2WH	190803.7S	1464431.3E
TB2NI	341143.1S	1360128.9E	TG2EI	203741.6S	1303110.0E	TL2WI	191845.8S	1463246.9E
TB2NM	342109.6S	1360530.9E	TG2WA	203128.5S	1300646.3E	TL2WM	191543.4S	1464357.7E
TC2WA	194556.9S	1335927.5E	TG2WB	202546.7S	1300553.0E	TL410	191554.8S	1464541.2E
TC2WB	194218.6S	1335444.3E	TG2WC	202302.6S	1301115.4E	TL414	191651.3S	1464525.5E
TC2WC	193652.5S	1335643.9E	TG2WF	203016.5S	1301524.4E	TL416	191832.2S	1464444.6E
TC2WF	193934.3S	1340456.1E	TG2WH	203352.0S	1302301.8E	TL419	192233.5S	1464207.8E
TC2WH	193705.9S	1341406.3E	TG2WI	202801.7S	1301038.6E	TL430	192548.6S	1464102.8E
TC2WI	194056.5S	1335950.3E	TG2WM	203231.3S	1302010.2E	TL436	192833.1S	1464057.7E
TCART	175452.3S	1220555.8E	TGMEA	280547.6S	1440143.0E	TL455	193130.8S	1464310.7E
TD2EF	381035.6S	1452944.2E	TGMEB	281119.7S	1435958.5E	TL462	192447.3S	1464223.2E
TD2EG	381038.6S	1454009.0E	TGMEC	281146.2S	1435329.9E	TL464	192620.5S	1464248.8E
TD2EI	380744.5S	1453459.1E	TGMEF	280334.9S	1435247.7E	TL466	192505.4S	1465158.4E
TD2EM	381248.0S	1452539.8E	TGMEH	275722.8S	1434703.7E	TL467	191917.0S	1465147.0E
TD2ET	381356.0S	1452334.2E	TGMEI	280727.4S	1435623.0E	TL472	191610.6S	1465250.9E
TD2SA	382259.2S	1451721.5E	TGMEM	275942.4S	1434912.6E	TL490	191259.2S	1465527.3E
TD2SB	382057.6S	1451032.1E	TGMWD	275247.3S	1433558.3E	TL494	191126.0S	1465856.3E
TD2SF	381517.8S	1452102.9E	TGMWE	274715.1S	1433743.2E	TL670	191219.6S	1464722.9E
TD2SH	381704.1S	1452859.0E	TGMWF	275500.4S	1434452.3E	TL671	191117.1S	1465255.6E
TD2SI	381808.2S	1451546.9E	TGMWG	274648.9S	1434410.1E	TL679	191802.0S	1464441.1E
TD2SM	381305.6S	1452507.5E	TGMWH	280159.1S	1435119.0E	TL684	191131.2S	1465919.7E
TD2ST	381157.6S	1452713.0E	TGMWI	275107.8S	1434117.7E	TL688	191303.2S	1470147.0E
TEBIP	310533.1S	1163427.3E	TGMWM	275853.1S	1434827.1E	TL690	191942.0S	1464238.8E
TEBOT	270001.5S	1534554.8E	TH2NA	113729.3S	1302628.9E	TL694	192626.8S	1464202.4E
TEBUM	381314.2S	1465653.5E	TH2NC	113215.8S	1302856.9E	TL699	192826.1S	1464628.4E
TEBUR	232824.0S	1630000.0E	TH2ND	113245.5S	1303446.1E	TL780	192503.3S	1464248.7E
TEDEB	291145.2S	1532346.3E	TH2NF	114057.5S	1303403.1E	TL788	192735.6S	1464530.3E
TEDEK	333236.5S	1505639.1E	TH2NH	114754.8S	1303808.2E	TL790	191346.9S	1464641.7E
TEDOR	414250.2S	1472112.5E	TH2NI	113636.7S	1303129.9E	TL793	191057.2S	1464944.7E
TEDUS	345441.5S	1373648.2E	TH2NM	114518.3S	1303636.3E	TL809	192505.7S	1465154.5E
TEENC	214232.5S	1404107.4E	TH2SE	115434.9S	1304735.9E	TL819	191921.3S	1465147.2E
TEEND	213705.9S	1404307.9E	TH2SF	115106.9S	1304001.2E	TL829	191711.4S	1465229.3E
TEENE	213659.9S	1404917.3E	TH2SG	115948.4S	1304508.1E	TL839	191257.2S	1465539.1E
TEENF	214513.2S	1404926.7E	TH2SH	114409.7S	1303556.0E	TL849	191125.9S	1465853.1E
TEENH	215207.2S	1405449.1E	TH2SI	115527.7S	1304234.6E	TM2NA	214049.3S	1394335.4E
TEENI	214109.6S	1404617.2E	TH2SJ	115918.8S	1303918.2E	TM2NC	213526.5S	1394547.1E
TEEVE	334346.7S	1495350.9E	TH2SM	114646.2S	1303727.9E	TM2ND	213531.7S	1395156.2E
TEGAL	314732.8S	1361807.5E	THENA	281322.1S	1420021.5E	TM2NF	214345.0S	1395148.4E
TEGEX	311309.4S	1354415.6E	THOMO	194129.4S	1451425.9E	TM2NH	215023.6S	1395638.0E
TEGIL	271028.9S	1524503.9E	THRUM	403001.7S	1445251.2E	TM2NI	213935.8S	1394847.7E
TEGIT	123640.2S	1310756.1E	TIABB	311043.2S	1503351.6E	TM2SE	215616.4S	1400701.5E
TEKAN	120000.0S	1504330.0E	TIBNA	291643.5S	1420519.7E	TM2SF	215321.2S	1395847.2E
TEKEP	302924.0S	1630000.0E	TIBNC	291618.9S	1421033.1E	TM2SG	220139.2S	1400450.1E
TEKOD	343823.8S	1361934.8E	TIBND	292028.9S	1421247.0E	TM2SH	214642.7S	1395357.5E
TEKUD	322919.0S	1194928.6E	TIBNF	292316.2S	1420559.6E	TM2SI	215730.2S	1400148.6E
TEKUP	381524.0S	1300000.0E	TIBNH	292829.0S	1420234.0E	TM2SJ	220134.3S	1395839.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
TMUSA	353028.7S	1480847.9E	TP2WB	291606.0S	1241748.0E	TUSGO	345509.9S	1385218.0E
TMUSB	353425.0S	1481141.7E	TP2WC	291126.8S	1241356.9E	TUSTU	122041.5S	1342444.3E
TMUSC	353332.2S	1481713.0E	TP2WD	290640.9S	1241736.8E	TUSVA	243219.3S	1180819.8E
TMUSF	352705.7S	1481540.6E	TP2WF	291115.2S	1242650.1E	TUTNI	292450.3S	1170330.3E
TMUSI	353045.4S	1481341.2E	TP2WI	291121.7S	1241939.6E	TUTNO	344618.0S	1350000.0E
TMUSM	351708.2S	1481423.2E	TR2ND	314139.5S	1523615.2E	TUTRA	285704.2S	1674634.5E
TMUST	350900.5S	1480828.6E	TR2NE	314304.3S	1524253.1E	TUTRU	320452.0S	1133646.0E
TN2EA	242946.0S	1504859.1E	TR2NF	314844.7S	1523615.2E	TUVBA	320045.4S	1154911.0E
TN2EB	243521.5S	1505028.1E	TR2NG	314653.4S	1524439.3E	TUVBI	405355.8S	1604237.1E
TN2EC	243832.6S	1504513.6E	TR2NH	314936.3S	1522718.4E	TUVNO	191222.8S	1464734.5E
TN2EF	243141.9S	1504015.3E	TR2NI	314512.0S	1524024.0E	TUVRA	391426.7S	1440946.4E
TN2EH	242845.6S	1503205.6E	TR2SA	320511.5S	1522445.5E	TV2ED	375721.5S	1463553.6E
TN2EI	243331.8S	1504521.6E	TR2SB	320411.3S	1521806.7E	TV2EE	375846.2S	1464553.4E
TN2WD	242932.1S	1502012.3E	TR2SC	315831.6S	1521657.0E	TV2EF	380757.4S	1463413.8E
TN2WE	242356.2S	1501844.7E	TR2SF	315706.6S	1522626.2E	TV2EG	380641.3S	1464738.7E
TN2WF	242737.4S	1502856.2E	TR2SH	315044.3S	1523355.1E	TV2EH	381418.8S	1462608.5E
TN2WG	242046.0S	1502359.3E	TR2SI	320039.0S	1522216.5E	TV2EI	380343.0S	1463936.9E
TN2WH	243033.8S	1503705.9E	TRAIL	154448.4S	1454102.2E	TV3WA	382501.1S	1462017.2E
TN2WI	242546.9S	1502350.4E	TREBL	265130.0S	1363218.0E	TV3WB	382342.6S	1461408.8E
TOBOB	345603.0S	1450448.6E	TREES	320000.0S	1100000.0E	TV3WC	381803.1S	1461254.3E
TOCEA	354549.4S	1455154.5E	TREST	345300.0S	1442518.0E	TV3WF	381654.6S	1462249.7E
TOCEB	355057.6S	1455503.9E	TREVR	374641.2S	1471517.2E	TV3WH	381100.2S	1463021.5E
TOCEC	355507.9S	1455012.7E	TRIKI	265219.5S	1532113.0E	TV3WI	382010.8S	1461839.3E
TOCEF	354929.2S	1454253.9E	TRINA	322333.6S	1514238.2E	TW2EA	273406.9S	1521016.0E
TOCEH	354817.6S	1453310.3E	TROFE	321608.6S	1490255.6E	TW2EB	273948.3S	1521112.1E
TOCEI	355013.6S	1454858.8E	TROUB	350510.1S	1380920.3E	TW2EC	274232.0S	1520530.8E
TOCEM	354844.5S	1453649.2E	TRUKA	135826.5S	1332809.0E	TW2EF	273517.9S	1520108.6E
TOCWD	355126.9S	1452015.9E	TS2EA	140917.7S	1263552.5E	TW2EH	272739.1S	1515847.7E
TOCWE	354617.8S	1451708.8E	TS2EB	141502.8S	1263533.2E	TW2EI	273733.2S	1520610.2E
TOCWF	354748.8S	1452917.7E	TS2EC	141643.0S	1262954.0E	TW2EM	273318.7S	1515643.5E
TOCWG	354208.8S	1452201.1E	TS2EF	140850.6S	1262727.4E	TW2WD	273042.6S	1513914.1E
TOCWH	354900.7S	1453901.2E	TS2EH	140352.6S	1262059.1E	TW2WE	272500.6S	1513819.2E
TOCWI	354703.5S	1452313.2E	TS2EI	141156.7S	1263130.2E	TW2WF	272932.4S	1514820.9E
TOCWM	354833.9S	1453522.4E	TS2WD	140121.8S	1260958.2E	TW2WG	272217.9S	1514359.8E
TODEG	163859.5S	1454927.5E	TS2WE	135536.8S	1261018.8E	TW2WH	272404.1S	1521403.1E
TODIK	275346.4S	1174135.8E	TS2WF	140150.5S	1261822.8E	TW2WI	272716.6S	1514320.0E
TODIV	375000.3S	1474823.6E	TS2WG	135357.6S	1261557.7E	TW2WM	273148.1S	1515322.1E
TODOS	333155.0S	1193926.8E	TS2WH	140726.8S	1262538.7E	TW2WT	273242.4S	1515522.5E
TODOT	091758.5S	1265724.5E	TS2WI	135843.6S	1261420.8E	TWIST	154406.0S	1250206.0E
TODOX	191130.0S	1470100.0E	TT2ND	133845.6S	1260013.3E	TYERS	375436.0S	1481054.0E
TOGAM	320329.5S	1161154.2E	TT2NE	133430.3S	1260201.9E	TYNDI	374816.9S	1421855.9E
TOGAT	410936.4S	1472545.8E	TT2NF	134117.2S	1260626.3E	UA2ED	405711.3S	1460051.8E
TOGEN	204312.0S	1455318.0E	TT2NG	133442.7S	1260644.3E	UA2EE	410221.3S	1460409.7E
TOGIN	272848.4S	1525634.6E	TT2NH	134622.3S	1260944.7E	UA2EF	410045.1S	1455107.1E
TOKAX	424753.4S	1472736.9E	TT2NI	133753.7S	1260414.0E	UA2EG	410855.6S	1455929.5E
TOLAG	234018.7S	1141322.0E	TT2NM	134440.6S	1260838.6E	UA2EH	405918.4S	1453923.2E
TOLAX	270223.8S	1525813.0E	TT2SA	135532.9S	1261108.5E	UA2EI	410133.2S	1455738.4E
TOMAR	410814.5S	1630000.0E	TT2SB	135545.1S	1261551.3E	UA2WA	410415.1S	1452532.0E
TOMUM	362530.0S	1350000.0E	TT2SC	135129.7S	1261739.7E	UA2WB	405719.4S	1452332.8E
TONEG	320915.9S	1154713.5E	TT2SF	134858.4S	1261126.4E	UA2WC	405313.7S	1452849.7E
TONIM	360153.7S	1542045.9E	TT2SH	134353.3S	1260807.8E	UA2WF	405857.4S	1453634.2E
TONTO	341733.7S	1503841.9E	TT2SI	135221.8S	1261338.8E	UA2WH	405939.9S	1454844.7E
TONUX	334303.9S	1510741.9E	TT2SM	134535.0S	1260914.0E	UA2WI	405808.6S	1453003.4E
TOODY	314730.8S	1161129.5E	TUCAB	292848.0S	1531606.0E	UB2EA	381356.7S	1474910.2E
TOOKI	331603.4S	1513348.7E	TUCKI	285518.0S	1532212.0E	UB2EC	381954.4S	1475006.6E
TOPIR	291100.0S	1164007.1E	TULPO	205354.6S	1152350.3E	UB2EF	381717.7S	1474551.4E
TOPUL	371253.0S	1473635.0E	TULRU	305118.0S	1541715.0E	UB2EI	381655.6S	1474938.4E
TORAG	345155.1S	1503808.7E	TUMAN	343612.8S	1401750.1E	UB2EM	381741.2S	1474149.3E
TOREX	072400.0S	1333530.0E	TUMDI	350138.2S	1382501.3E	UB2WD	382025.3S	1473113.0E
TOROB	335347.1S	1494518.3E	TUMSO	241449.3S	1332652.6E	UB2WF	381735.1S	1473513.8E
TOROT	122622.2S	1305716.9E	TUNGO	413112.0S	1410000.0E	UB2WI	381725.3S	1473125.5E
TOSAS	120000.0S	1470554.0E	TUNGU	243754.0S	1450354.0E	UB2WM	381745.3S	1473917.5E
TOSOB	122759.2S	1304622.0E	TUNKA	371956.3S	1444631.1E	UBDAK	285434.1S	1654827.2E
TOSUG	423323.3S	1472518.9E	TUNVI	275823.8S	1413214.8E	UBDIB	341403.1S	1402059.7E
TOTTY	171424.0S	1453836.0E	TUPMA	334317.2S	1503723.5E	UBDIG	125349.8S	1303206.1E
TP2EF	291103.6S	1243920.3E	TUPSI	342607.0S	1383346.0E	UBGAN	272011.7S	1481027.1E
TP2EG	290612.3S	1244822.1E	TUPSO	193000.0S	1150712.2E	UBGEL	285124.0S	1545252.0E
TP2EH	291051.3S	1245213.3E	TURBI	361910.1S	1422441.5E	UBGIM	325631.9S	1515142.6E
TP2EI	291056.8S	1244630.7E	TUREK	231348.6S	1180552.3E	UBGUT	364019.3S	1421005.2E
TP2EJ	291537.5S	1244833.6E	TURGO	121657.7S	1310036.1E	UBGUX	121337.3S	1304315.9E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
UBKEM	300051.0S	1533940.0E	UPDUR	361226.2S	1464408.1E	VAGPO	310000.0S	1424844.5E
UBLEN	425256.9S	1473429.8E	UPKAN	373449.8S	1443552.2E	VAKSA	151106.3S	1434804.8E
UBLIN	274941.0S	1630000.0E	UPKID	374952.7S	1450643.9E	VALDU	370827.9S	1473307.8E
UBLOM	320352.4S	1510656.7E	UPLOT	262228.7S	1525957.2E	VALDZ	232700.0S	1414148.0E
UBLUK	284900.8S	1495112.4E	UPLUG	324626.6S	1513855.2E	VALES	372152.3S	1452057.0E
UBMAX	325440.3S	1515235.6E	UPMAR	335343.5S	1505546.1E	VALRA	214241.4S	1221248.0E
UBMEP	344613.2S	1504453.5E	UPMOG	280009.6S	1515023.4E	VALVO	272754.3S	1532121.3E
UBNIL	323809.4S	1520255.8E	UPMUV	344905.0S	1484042.0E	VAMSO	321323.1S	1481345.2E
UBNIS	081618.0S	0800000.0E	UPNEX	332625.6S	1514005.1E	VANDI	122041.0S	1314515.0E
UBNUB	324021.6S	1435139.4E	UPNIS	314606.1S	1161327.0E	VANGO	235248.4S	1335151.9E
UBSON	322551.7S	1515211.3E	UPNOR	290347.7S	1340125.1E	VANRU	315347.3S	1153443.8E
UD2EA	382527.4S	1473237.4E	UPNOT	183922.3S	1095541.7E	VANSU	283557.4S	1533417.2E
UD2EC	383103.7S	1473329.1E	UPOLO	164153.2S	1455657.9E	VANTI	273810.3S	1525947.0E
UD2EF	382844.5S	1472757.7E	UPRIG	272837.3S	1532245.2E	VANVA	222130.0S	1495154.0E
UD2EI	382822.9S	1473145.4E	UPROT	343406.0S	1391830.0E	VAPMU	280123.8S	1533307.6E
UD2EM	382907.3S	1472354.9E	UPROX	123120.8S	1305620.8E	VAPSA	040902.0S	0762331.0E
UD2WD	383135.5S	1471158.7E	UPRUM	303454.0S	1514536.0E	VAPTA	282957.2S	1355005.5E
UD2WF	382900.2S	1471718.4E	UPRUN	252759.7S	1294135.3E	VARBI	191809.0S	1464437.8E
UD2WI	382849.9S	1471329.4E	UPSAD	310031.1S	1572348.5E	VARLY	335437.6S	1532026.5E
UD2WM	382911.1S	1472122.6E	UPSAL	373616.3S	1464527.3E	VASRA	332201.8S	1510408.0E
UDEPO	325139.2S	1515931.8E	UPSEL	293314.0S	1525543.0E	VATPO	115450.0S	1304428.0E
UDERI	274113.9S	1513807.0E	UPSEN	123333.7S	1304504.2E	VATRO	273918.9S	1525950.2E
UDISI	330822.0S	1534057.0E	UPSES	304204.5S	1363800.5E	VATRU	335203.6S	1504717.6E
UDIXA	324700.0S	1520500.0E	UPSID	151116.9S	1230703.2E	VATSU	344445.0S	1361743.0E
UDODU	341020.0S	1502700.6E	UPSOG	300357.4S	1242545.6E	VAVBU	142629.2S	1321324.0E
UGAVI	232515.2S	1245822.3E	UPSUK	351329.0S	1494437.0E	VAVGA	320536.8S	1161428.1E
UGISU	324454.7S	1513423.2E	UPTAL	272049.8S	1515158.7E	VAVMO	422342.6S	1470755.1E
UGITO	391532.0S	1464623.0E	UPTAM	154720.8S	1140015.3E	VAVPA	354233.1S	1373050.5E
UGPOT	315322.2S	1523034.1E	UPTEB	324455.4S	1514608.5E	VEBMI	310844.7S	1505550.1E
UGPUR	360955.4S	1444552.5E	UPTEK	310630.0S	1151656.9E	VEBTO	191723.0S	1463751.9E
UGSIG	275752.0S	1533119.0E	UPTIK	205244.4S	1164132.3E	VEDKI	144742.5S	1161913.2E
UGTUG	272922.1S	1535232.2E	UPTOD	290736.7S	1474755.4E	VEDPI	291108.0S	1472921.6E
UGUMO	272422.1S	1533401.1E	UPTUN	343124.9S	1383854.6E	VEDRU	271137.0S	1510648.0E
UGUXA	344046.0S	1382612.0E	UPTUP	333118.7S	1500435.8E	VEGAH	292436.0S	1524924.0E
UGVER	353730.3S	1472801.6E	UPVEN	314655.6S	1501439.1E	VEGDI	223418.0S	1521850.0E
UGVOK	325059.2S	1513302.1E	UPVIB	325727.6S	1520341.1E	VEGPU	123959.9S	1311422.7E
UKADI	265927.0S	1394426.8E	UPVUK	284502.0S	1533354.0E	VEGRU	362248.9S	1462858.8E
UKAPI	260812.0S	1531518.0E	URADA	345804.7S	1384653.0E	VEGSU	273744.8S	1525522.2E
UKBAX	291028.6S	1531315.2E	URAMU	264550.5S	1202708.2E	VEKBI	173549.7S	1442236.9E
UKBES	334548.3S	1505657.5E	URBAM	295748.0S	1531534.0E	VEKBO	283142.0S	1171910.1E
UKDAV	341431.6S	1511448.8E	URBEN	415236.0S	1461736.0E	VEKLO	420515.1S	1473952.6E
UKDIP	323903.6S	1514619.8E	URBEP	312816.1S	1501833.5E	VEKMI	345107.1S	1381412.7E
UKDUL	330119.4S	1503303.4E	URBIN	270318.6S	1533808.4E	VEKNU	262640.7S	1530748.6E
UNDER	290000.0S	1100000.0E	URBOB	355354.1S	1500833.9E	VEKPA	291054.6S	1511114.0E
UNDOW	314944.9S	1162414.5E	URBUN	344913.3S	1382312.7E	VELGI	332151.4S	1475539.5E
UNSAR	321217.3S	1490448.3E	URDAX	324351.9S	1514439.9E	VELKA	275102.4S	1531442.7E
UNSIG	372658.0S	1473003.0E	URDEN	334447.8S	1510727.4E	VELKU	370421.0S	1583000.2E
UNSOK	262342.0S	1174818.0E	URDOS	334206.6S	1505431.5E	VEMDA	380910.1S	1472337.2E
UNSOV	181105.1S	1253325.3E	URGEX	321727.4S	1195121.0E	VEMLA	265244.2S	1582515.1E
UNSOX	335308.2S	1394828.7E	URKER	313647.5S	1502300.4E	VEMON	323221.5S	1170428.1E
UNSUS	330640.8S	1485145.8E	URKIX	332412.6S	1515320.7E	VEMTO	191000.0S	1202636.0E
UNTAP	423326.3S	1471719.7E	UTTOX	123858.8S	1303633.1E	VENEL	332824.4S	1434624.5E
UNTAV	331738.1S	1505111.2E	UVUNU	291529.4S	1525920.7E	VENGA	212246.0S	1151259.9E
UNVAT	254809.9S	1495346.5E	UVUPU	335032.1S	1423256.6E	VENPU	373326.8S	1450043.1E
UNVAX	275455.3S	1175123.2E	UXAMA	335225.5S	1512730.8E	VENUL	335529.7S	1513457.5E
UO2EA	381454.5S	1472348.6E	UXILO	264930.9S	1452700.6E	VENUP	311544.4S	1153527.2E
UO2EB	381624.7S	1471938.8E	UXIPI	284733.6S	1532451.3E	VENVO	374504.4S	1450445.7E
UO2EF	381357.5S	1471617.3E	UXORA	260000.0S	1091343.7E	VEPAN	315140.6S	1162252.9E
UO2EI	381426.1S	1472002.9E	UXUGA	290104.7S	1531443.7E	VEPAP	290000.0S	1443541.9E
UO2EM	381328.8S	1471231.6E	UXUTI	345700.2S	1503159.8E	VEPAS	342447.0S	1630000.0E
UP2EC	383558.9S	1473012.3E	UY2EA	331258.7S	1155110.1E	VEPEK	222158.3S	1191455.3E
UP2EF	383339.6S	1472440.6E	UY2EB	331541.5S	1155711.9E	VEPOK	340612.4S	1370119.7E
UP2EI	383318.1S	1472828.5E	UY2EC	332122.9S	1155613.7E	VEPUD	374149.9S	1451243.9E
UP2EM	383402.3S	1472037.4E	UY2EF	332012.7S	1154632.9E	VERAV	295939.4S	1471508.9E
UP2WD	383755.4S	1470921.1E	UY2EH	332601.6S	1154630.7E	VERES	312117.0S	1522410.0E
UP2WF	383439.0S	1471402.2E	UY2EI	331757.3S	1155152.5E	VERIK	274945.9S	1532145.2E
UP2WI	383500.0S	1471014.1E	UY2EM	332227.9S	1154113.1E	VERIS	171611.3S	1050000.0E
UP2WM	383416.5S	1471805.4E	UY2ET	332349.0S	1153801.0E	VESIM	233409.0S	1152131.4E
UPDAK	335327.1S	1504305.6E	VABLI	123714.5S	1311610.7E	VESOK	300645.3S	1525324.1E
UPDID	341839.1S	1503041.2E	VADMA	350633.6S	1490310.8E	VESOP	163933.0S	1391013.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
VESUN	245847.5S	1630000.0E	WA2SF	261316.0S	1263431.8E	WELKE	213752.8S	1493614.1E
VETAK	311410.0S	1510238.7E	WA2SH	260515.8S	1263510.2E	WELLI	273000.0S	1531506.0E
VETIS	273413.8S	1531102.4E	WA2SI	261816.1S	1263407.8E	WELSH	340805.8S	1501829.8E
VETOP	272101.1S	1514146.3E	WACKO	271117.3S	1524511.1E	WENER	261549.8S	1285645.1E
VETOR	423726.6S	1473004.9E	WAGOO	280853.5S	1184525.5E	WF2EA	361344.0S	1424004.1E
VEVAV	152847.3S	1414454.5E	WAHAN	283155.0S	1533402.0E	WF2EB	361811.6S	1424432.3E
VEVEX	273551.0S	1531802.0E	WALLI	292730.6S	1202925.2E	WF2EC	362307.2S	1424053.3E
VEVOS	341927.2S	1491918.8E	WALTA	194126.2S	1473526.3E	WF2EF	361854.1S	1423211.8E
VEXEV	303002.7S	1474139.4E	WANGI	130747.6S	1302657.1E	WF2EH	361927.9S	1422219.3E
VEXOP	373636.0S	1450803.9E	WANNA	315242.0S	1155852.8E	WF2EI	361832.8S	1423822.0E
VIBID	255337.0S	1133438.0E	WARRA	244957.9S	1141943.5E	WF2EM	361915.3S	1422601.5E
VIBUX	371012.0S	1300000.0E	WARTY	335423.3S	1540655.6E	WF2WD	362450.2S	1421043.6E
VICKI	350655.0S	1491254.7E	WAYNS	314650.2S	1163049.7E	WF2WE	362022.3S	1420615.5E
VICMA	344236.0S	1383103.0E	WAZZA	364756.9S	1463747.1E	WF2WF	361940.5S	1421836.3E
VIDAR	374405.7S	1443619.7E	WB2EA	382342.3S	1424144.7E	WF2WG	361526.9S	1420954.9E
VIDIK	335742.1S	1510517.0E	WB2EB	382918.0S	1424006.5E	WF2WH	361902.7S	1422942.9E
VIDUM	282433.5S	1534906.2E	WB2EC	382959.9S	1423251.4E	WF2WI	362001.4S	1421225.9E
VIKAM	345411.5S	1504340.3E	WB2EF	382151.7S	1423135.5E	WGAED	345955.4S	1473833.5E
VIKIL	262558.9S	1531349.1E	WB2EH	381554.6S	1422447.5E	WGAEE	350231.8S	1474446.9E
VIKIS	315055.1S	1155930.2E	WB2EI	382534.9S	1423550.9E	WGAEF	350713.9S	1473401.5E
VIKUV	122127.1S	1305826.3E	WB2EM	381808.6S	1422720.4E	WGAEG	350814.0S	1474356.2E
VILAD	342331.7S	1392059.1E	WB2WD	381149.0S	1421206.8E	WGAEH	351059.0S	1472524.2E
VILAL	423024.6S	1472153.2E	WB2WE	380613.4S	1421345.5E	WGAEI	350453.0S	1473924.4E
VILER	271126.5S	1525519.9E	WB2WF	381340.1S	1422214.2E	WGAWA	351939.8S	1471738.8E
VILIG	350454.6S	1492443.4E	WB2WG	380531.6S	1422058.3E	WGAWB	351702.0S	1471124.9E
VILIN	314042.1S	1162734.3E	WB2WH	382106.6S	1423043.9E	WGAWC	351120.1S	1471218.0E
VILOD	304541.2S	1170221.4E	WB2WI	380956.8S	1421759.7E	WGAWF	351221.9S	1472213.0E
VILON	095000.0S	1351119.8E	WC2EA	305422.8S	1431848.5E	WGAWH	350837.1S	1473050.6E
VILUN	191543.6S	1470307.8E	WC2EB	310007.6S	1431841.9E	WGAWI	351442.1S	1471649.1E
VIMAP	403927.4S	1471154.2E	WC2EC	310200.1S	1431223.4E	WH3SF	335124.4S	1505534.2E
VIMEG	293553.5S	1523511.8E	WC2EF	305414.4S	1430917.3E	WH3SM	334825.9S	1505823.0E
VIMET	235222.6S	1334439.5E	WC2EH	304931.3S	1430146.5E	WH3WA	333944.5S	1505039.3E
VIMIN	122809.6S	1313110.8E	WC2EI	305711.1S	1431359.5E	WH3WF	334246.6S	1505348.5E
VIMUG	192214.8S	1464241.6E	WC2WD	304013.8S	1425616.6E	WHALE	335905.6S	1513441.5E
VIMUS	350406.0S	1250000.0E	WC2WE	304205.2S	1424958.9E	WHEBB	283636.2S	1200000.0E
VINAX	213517.7S	1375332.9E	WC2WF	304759.9S	1425921.1E	WHITI	291020.4S	1524516.0E
VINCN	345644.2S	1382138.0E	WC2WG	304750.0S	1424950.6E	WHOOL	272053.5S	1200000.0E
VINOP	344207.1S	1463100.8E	WC2WH	305243.1S	1430651.8E	WINKY	271657.8S	1523926.6E
VINOX	191300.0S	1460300.0E	WC2WI	304502.6S	1425439.9E	WIRAL	274630.7S	1182735.1E
VINUG	142745.5S	1321928.2E	WD2ND	251304.8S	1424717.4E	WISKA	193431.6S	1451230.5E
VIPAM	120000.0S	1480113.7E	WD2NE	251435.4S	1425323.3E	WISWA	221725.4S	1500417.4E
VIPAR	240045.7S	1324848.5E	WD2NF	252100.6S	1424454.7E	WISWB	221755.0S	1500910.8E
VIPES	413620.7S	1471546.6E	WD2NG	252019.6S	1425355.2E	WISWF	222428.3S	1500825.2E
VIPUB	193706.3S	1451308.8E	WD2NH	252608.5S	1423807.2E	WISWH	223038.4S	1501202.2E
VIRAP	280536.0S	1515700.0E	WD2NI	251748.1S	1424909.1E	WISWI	222056.9S	1500621.2E
VIRAT	344726.5S	1384538.8E	WD2NM	252413.1S	1424040.1E	WISWM	222759.8S	1501029.2E
VIRGE	271312.0S	1544429.0E	WD2SA	253610.1S	1423256.8E	WISWX	222750.7S	1495554.6E
VIROB	112548.5S	1280310.9E	WD2SB	253439.0S	1422649.3E	WIZZA	274023.4S	1530254.9E
VIROK	305711.4S	1190946.8E	WD2SC	252855.2S	1422618.3E	WJLEA	154924.5S	1452942.9E
VIRUR	332259.3S	1490727.8E	WD2SF	252814.7S	1423519.8E	WJLEB	155337.1S	1452902.3E
VIRUV	285706.8S	1343327.3E	WD2SH	252307.0S	1424207.6E	WJLEF	155257.8S	1452441.3E
VISAS	374017.5S	1450135.3E	WD2SI	253126.9S	1423104.7E	WJLEH	155612.2S	1452453.8E
VISEP	202029.9S	1131035.8E	WD2SM	252502.4S	1423934.7E	WJLEI	155111.1S	1452712.1E
VISER	372736.0S	1474936.0E	WEAVA	321706.0S	1480848.0E	WJLEM	155444.4S	1452210.5E
VISIB	262712.0S	1525747.6E	WEBBA	215342.0S	1171348.0E	WK2EA	280613.2S	1521115.6E
VITAA	350257.0S	1380815.0E	WEENA	120000.0S	1501801.1E	WK2EB	281122.9S	1521407.4E
VIYYA	020000.0S	0830000.0E	WEIEA	124346.0S	1420833.7E	WK2EC	281531.9S	1520937.7E
VOMPA	194825.3S	1465418.1E	WEIEB	124931.5S	1420838.5E	WK2EF	280950.6S	1520256.5E
VONDO	281806.4S	1522346.8E	WEIEC	125134.1S	1420308.9E	WK2EH	280836.7S	1515359.9E
VONNI	331255.6S	1512420.1E	WEIEF	124343.5S	1415957.1E	WK2EI	281036.7S	1520831.9E
VOSSI	333626.4S	1504755.8E	WEIEH	123912.1S	1415311.0E	WK2EM	280904.5S	1515721.1E
WA2ND	255444.8S	1263047.1E	WEIEI	124642.1S	1420424.5E	WL2ND	263006.6S	1200117.6E
WA2NE	255147.7S	1263614.6E	WEIRD	381130.6S	1471957.6E	WL2NE	262445.9S	1200339.2E
WA2NF	260148.0S	1263526.8E	WEIWD	123706.4S	1414131.3E	WL2NF	263308.5S	1200946.9E
WA2NG	255525.4S	1264110.8E	WEIWE	123120.7S	1414126.9E	WL2NG	262455.8S	1201002.4E
WA2NH	260948.2S	1263448.4E	WEIWF	123752.4S	1415111.9E	WL2NH	263950.5S	1201441.6E
WA2NI	255647.8S	1263550.7E	WEIWG	122918.4S	1414655.9E	WL2NI	262857.2S	1200642.9E
WA2SA	262019.1S	1263912.5E	WEIWH	124131.5S	1415639.7E	WL2NM	263719.8S	1201251.0E
WA2SB	262316.2S	1263343.7E	WEIWI	123410.4S	1414540.4E	WL2SA	264548.1S	1202522.1E
WA2SC	261938.3S	1262846.6E	WEIWM	124008.1S	1415434.9E	WL2SB	265109.2S	1202301.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
WL2SC	265059.8S	1201636.4E	WP2EG	295925.6S	1482231.5E	WW2SC	274510.2S	1515412.5E
WL2SF	264247.1S	1201651.4E	WP2EH	300313.3S	1480517.2E	WW2SF	273709.3S	1515213.9E
WL2SH	263605.3S	1201156.4E	WP2EI	295620.1S	1481759.8E	WW2SH	273848.8S	1514334.7E
WL2SI	264658.2S	1201956.1E	WP2WA	301226.1S	1475829.7E	WW2SI	274033.4S	1515623.5E
WL2SM	263836.0S	1201347.0E	WP2WB	301010.5S	1475224.6E	WW400	273304.8S	1513535.1E
WM3EF	325428.0S	1515928.9E	WP2WC	300426.0S	1475246.5E	WW410	272957.0S	1513913.9E
WM3EH	324621.2S	1514808.2E	WP2WF	300453.1S	1480212.3E	WW420	272954.5S	1514323.8E
WM3WF	324410.9S	1514506.5E	WP2WH	300007.4S	1481100.7E	WW430	273448.7S	1514922.3E
WM3WH	324910.3S	1515204.3E	WP2WI	300731.8S	1475718.5E	WW440	273854.4S	1515126.6E
WM3WI	324104.0S	1514046.3E	WQ2NA	311853.5S	1432630.4E	WW450	274426.9S	1515134.1E
WN400	232158.6S	1195310.7E	WQ2NC	311900.4S	1433312.0E	WX2ND	203934.2S	1152224.5E
WN404	232115.8S	1195646.1E	WQ2ND	312426.6S	1433522.1E	WX2NE	203554.6S	1152852.1E
WN408	232145.2S	1195816.7E	WQ2NF	312705.9S	1432618.7E	WX2NF	204539.1S	1152617.9E
WN412	232708.2S	1200033.9E	WQ2NH	313334.0S	1432047.2E	WX2NG	204159.3S	1153245.6E
WN416	232959.4S	1195931.9E	WQ2NI	312303.2S	1432945.5E	WX2NH	205327.7S	1152414.1E
WN420	232311.9S	1200108.1E	WQ2SE	314347.7S	1431851.0E	WX2NI	204046.8S	1152735.0E
WN424	231911.1S	1195520.2E	WQ2SF	313535.4S	1431903.3E	WX2NM	205032.3S	1152500.5E
WN428	231813.2S	1194826.9E	WQ2SG	314340.2S	1431207.6E	WX2SA	210500.1S	1152255.9E
WN500	232814.5S	1194310.9E	WQ2SH	312907.3S	1432435.0E	WX2SB	210551.0S	1151651.9E
WN504	232046.2S	1193741.8E	WQ2SI	313937.8S	1431535.6E	WX2SC	210047.3S	1151356.6E
WN512	231920.7S	1194455.0E	WQ2SJ	313813.6S	1430958.3E	WX2SF	205652.3S	1152138.5E
WN514	231952.0S	1194807.5E	WR4WA	664517.2S	1105901.9E	WX2SH	205421.0S	1153105.8E
WN516	232146.8S	1195958.6E	WR4WB	664022.5S	1105139.0E	WX2SI	210121.6S	1151915.2E
WN520	232648.5S	1203136.4E	WR4WC	663559.9S	1110045.4E	WX2SM	205222.9S	1152401.7E
WN528	233419.1S	1194227.9E	WR4WF	664105.5S	1111643.7E	WY2ND	325221.2S	1372333.2E
WN532	233713.9S	1194527.6E	WR4WI	664044.5S	1110411.1E	WY2NE	324814.4S	1372818.7E
WN540	233534.0S	1194524.3E	WSLWA	380729.9S	1464434.7E	WY2NF	325805.1S	1373030.9E
WN544	233543.0S	1194839.9E	WSLWB	380321.1S	1464204.7E	WY2NG	325036.1S	1373430.9E
WN548	233731.1S	1202935.3E	WSLWC	380004.6S	1464609.0E	WY2NH	330603.5S	1373127.8E
WN552	232003.1S	1194113.0E	WSLWF	380440.5S	1465204.2E	WY2NI	325309.8S	1372924.8E
WN556	232026.9S	1194353.5E	WSLWH	380734.3S	1470042.0E	WY2SA	331607.1S	1372701.9E
WN560	234218.2S	1194732.7E	WSLWI	380400.8S	1464704.4E	WY2SB	331855.8S	1373300.0E
WN564	240521.1S	1194641.0E	WSLWM	380520.3S	1465704.0E	WY2SC	331510.7S	1373811.0E
WN700	232006.5S	1195609.3E	WT2NA	361157.0S	1461457.4E	WY2SF	330857.6S	1373148.6E
WN704	231238.7S	1195039.8E	WT2NC	360921.9S	1462117.0E	WY2SH	330354.5S	1372254.6E
WN708	232153.7S	1193553.8E	WT2NF	361916.6S	1461930.9E	WY2SI	331356.7S	1373224.2E
WN712	232922.0S	1194123.0E	WT2NH	362404.0S	1462334.9E	WYLOO	224822.8S	1161546.8E
WO2NA	342057.4S	1503834.9E	WT2NI	361419.2S	1462024.0E	WYMER	365218.0S	1425524.0E
WO2NC	341819.5S	1504345.4E	WT2NT	362728.3S	1461802.9E	WYNOT	161518.8S	1492419.3E
WO2ND	341912.7S	1504943.8E	WTNNA	221333.0S	1425357.5E	WZ2EA	335332.8S	1472658.5E
WO2NF	342606.0S	1504531.6E	WTNNC	220817.5S	1425628.4E	WZ2EB	335841.0S	1473002.6E
WO2NH	343316.1S	1505537.8E	WTNND	220841.6S	1430238.2E	WZ2EC	340251.3S	1472517.0E
WO2NI	342146.2S	1504432.4E	WTNNF	221653.6S	1430201.5E	WZ2EF	335712.0S	1471809.2E
WO2NM	343235.9S	1504700.6E	WTNNH	222346.3S	1430628.5E	WZ2EH	335559.9S	1470838.7E
WOBBL	273322.2S	1522514.9E	WTNNI	221235.6S	1425914.9E	WZ2EI	335756.6S	1472405.8E
WODAY	285504.0S	1552137.5E	WTNNM	222111.5S	1430448.3E	WZ2EM	335627.0S	1471212.6E
WOKKA	364112.7S	1394000.0E	WTNSF	222622.4S	1430809.6E	WZ2WD	335907.4S	1465547.4E
WOKKI	121948.6S	1305333.8E	WTNSH	221838.2S	1430309.1E	WZ2WE	335357.8S	1465244.1E
WOLAG	263416.7S	1151557.1E	WTNSI	223040.3S	1431056.7E	WZ2WF	335529.2S	1470436.7E
WOLBI	352854.0S	1481230.0E	WTNSJ	222942.6S	1431614.7E	WZ2WG	334949.0S	1465729.4E
WOLGO	274059.0S	1155528.9E	WTNSK	223458.2S	1431343.9E	WZ2WH	335641.5S	1471407.0E
WOLSE	344530.8S	1505449.3E	WTNSL	223434.4S	1430732.9E	WZ2WI	335443.6S	1465840.3E
WOLSF	344101.7S	1504810.9E	WTNSM	222204.5S	1430522.6E	WZ2WM	335614.5S	1471033.1E
WOLSG	344959.9S	1504915.9E	WUDOF	121334.1S	1305031.8E	XA2ND	213347.6S	1210012.8E
WOLSH	343039.2S	1505147.3E	WUDSA	330943.9S	1353951.9E	XA2NE	212643.9S	1210058.3E
WOLSI	344600.7S	1504847.0E	WUDSB	331509.4S	1353736.7E	XA2NF	213430.0S	1210745.8E
WOLSJ	344744.8S	1504424.4E	WUDSC	331513.6S	1353046.4E	XA2NH	214125.2S	1211349.6E
WOLSM	343403.1S	1504720.5E	WUDSF	330701.2S	1353039.4E	XA2NI	213037.0S	1210421.9E
WONGA	334808.1S	1503941.1E	WUDSH	330030.4S	1352506.6E	XA2SA	214339.4S	1212244.3E
WONKA	322640.8S	1520551.8E	WUDSI	331105.4S	1353407.9E	XA2SB	215043.1S	1212159.8E
WONSA	220000.0S	1100000.0E	WUDSM	330257.0S	1352711.3E	XA2SC	215001.4S	1211426.0E
WONYU	245529.6S	1194449.0E	WUNGO	321154.0S	1160142.0E	XA2SF	214257.7S	1211510.8E
WOODY	271416.9S	1522416.9E	WVFRN	165317.0S	1454135.0E	XA2SH	214401.5S	1210640.2E
WOOFA	121652.8S	1321538.5E	WVFRS	165723.0S	1454306.0E	XA2SI	214650.5S	1211835.3E
WOOFY	315130.0S	1154854.0E	WW2ND	273452.7S	1513514.0E	XCHND	101506.4S	1053541.6E
WOONA	344407.6S	1403159.1E	WW2NF	273058.6S	1514322.3E	XCHNE	101125.7S	1054010.2E
WOORA	314511.2S	1160441.3E	WW2NH	273750.1S	1514331.0E	XCHNF	102238.5S	1054105.9E
WP2ED	295125.8S	1481648.8E	WW2NI	273023.8S	1513745.4E	XCHNG	101420.2S	1054511.5E
WP2EE	295340.8S	1482252.6E	WW2NM	273224.7S	1514626.6E	XCHNH	102927.0S	1054139.7E
WP2EF	295859.1S	1481306.7E	WW2SB	274355.8S	1520031.2E	XCHNI	101626.1S	1054035.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
XCHSA	103911.5S	1054715.5E	YK2EM	094526.0S	1432445.5E	ZB2SA	201245.2S	1480636.5E
XCHSB	104252.4S	1054246.5E	YM2EA	153331.6S	1282231.8E	ZB2SB	201126.6S	1480040.2E
XCHSC	103957.8S	1053744.7E	YM2EB	153917.1S	1282236.9E	ZB2SC	200543.6S	1475956.7E
XCHSF	103206.7S	1054153.0E	YM2EC	154119.9S	1281703.5E	ZB2SF	200444.8S	1480835.3E
XCHSH	102451.0S	1054116.9E	YM2EF	153338.5S	1281402.7E	ZB2SH	195843.2S	1481542.5E
XCHSI	103752.0S	1054221.6E	YM2EH	153627.7S	1280547.9E	ZB2SI	200805.7S	1480437.8E
XCHSM	102751.2S	1054131.8E	YM2EI	153627.9S	1281819.7E	ZC2EA	300027.7S	1222934.6E
XF2WA	325257.0S	1513319.9E	YM2EM	153049.1S	1280945.7E	ZC2EB	300305.5S	1223527.1E
XF2WB	324930.1S	1513309.4E	YM2WD	152606.4S	1275359.6E	ZC2EC	300847.8S	1223437.3E
XF2WC	324811.1S	1513655.7E	YM2WE	152020.8S	1275355.3E	ZC2EF	300745.6S	1222515.0E
XF2WF	325244.2S	1513909.6E	YM2WF	152600.3S	1280228.4E	ZC2EH	301203.7S	1221548.6E
XF2WH	325453.5S	1514310.0E	YM2WG	151818.6S	1275928.4E	ZC2EI	300525.7S	1223021.2E
XF2WI	325107.2S	1513609.5E	YM2WH	153139.3S	1281102.0E	ZC2WD	302027.1S	1220901.8E
XF2WM	325421.2S	1514209.9E	YM2WI	152310.6S	1275811.8E	ZC2WE	301748.1S	1220308.9E
XG2SA	333316.8S	1512502.1E	YM2WM	152957.6S	1280827.9E	ZC2WF	301309.8S	1221323.1E
XG2SB	333536.4S	1512159.8E	YN2ND	340132.3S	1481349.2E	ZC2WG	301206.1S	1220400.6E
XG2SC	333400.6S	1511820.7E	YN2NE	340013.5S	1481937.4E	ZC2WH	300850.5S	1222252.8E
XG2SF	332938.7S	1512104.1E	YN2NF	340954.7S	1481633.0E	ZC2WI	301529.1S	1220816.1E
XG2SH	332454.1S	1512136.2E	YN2NG	340436.7S	1482405.0E	ZNEEA	231408.4S	1195635.2E
XG2SI	333237.6S	1512131.9E	YN2NH	341739.6S	1481405.2E	ZNEEB	231611.0S	1200224.6E
XG2SM	332639.9S	1512036.3E	YN2NI	340504.1S	1481805.3E	ZNEEC	232156.3S	1200219.4E
XL2SE	334123.3S	1501630.0E	YN2SB	343026.6S	1481000.7E	ZNEEF	232149.4S	1195325.4E
XL2SF	333611.1S	1501254.1E	YN2SC	342827.4S	1481631.4E	ZNEEH	232620.0S	1194613.8E
XL2SG	334105.3S	1501223.4E	YN2SF	342045.5S	1481306.0E	ZNEEI	231900.2S	1195755.0E
XL2SH	333539.8S	1500922.7E	YN2SH	341300.6S	1481534.0E	ZNEWD	233517.3S	1194101.1E
XL2SI	333847.2S	1501442.0E	YN2SI	342536.0S	1481133.4E	ZNEWE	233314.2S	1193511.1E
XL2SM	333242.8S	1501030.5E	YOGGI	323309.0S	1515350.4E	ZNEWF	232814.6S	1194310.8E
XL2WA	333458.7S	1495823.8E	YOKRA	300447.1S	1191933.6E	ZNEWG	232729.0S	1193517.1E
XL2WB	333245.4S	1495514.5E	YOTHU	235546.4S	1333858.0E	ZNEWH	232344.1S	1195022.6E
XL2WC	332931.3S	1495639.2E	YR2ED	383117.6S	1470129.5E	ZNEWI	233025.5S	1193941.4E
XL2WF	333112.5S	1500210.7E	YR2EE	383627.3S	1470441.7E	ZONKA	335729.2S	1510645.2E
XL2WH	333234.1S	1500634.3E	YR2EF	383452.7S	1465205.9E	ZW2EA	300011.6S	1193810.2E
XL2WI	333159.0S	1495842.6E	YR2EG	384035.0S	1465936.4E	ZW2EB	300532.3S	1194036.4E
XL2WM	333025.9S	1500538.6E	YR2EH	383343.0S	1464256.8E	ZW2EC	300921.5S	1193539.8E
XM2WA	292430.1S	1525839.6E	YR2EI	383540.2S	1465823.8E	ZW2EF	300313.2S	1192923.6E
XM2WB	291917.5S	1530126.2E	YR2WA	383640.7S	1462854.3E	ZW2EH	300121.9S	1192025.6E
XM2WC	291852.0S	1530603.9E	YR2WB	383130.1S	1462544.6E	ZW2EI	300422.9S	1193459.7E
XM2WF	292758.5S	1530709.6E	YR2WF	383307.5S	1463819.2E	ZW2WD	300341.0S	1190817.7E
XM2WH	292758.5S	1531253.2E	YR2WH	383424.5S	1464823.3E	ZW2WE	295820.2S	1190552.0E
XM2WI	292338.0S	1530417.8E	YR2WI	383219.0S	1463201.8E	ZW2WF	300039.8S	1191704.1E
XM2WM	292758.6S	1531035.8E	YR2WJ	382852.4S	1463112.4E	ZW2WG	295431.3S	1191048.4E
XT2EA	175819.7S	1460624.1E	YUNGA	314459.6S	1160909.1E	ZW2WH	300231.3S	1192602.0E
XT2EB	180247.7S	1460734.1E	YUSEF	212554.0S	1350711.9E	ZW2WI	295930.0S	1191128.0E
XT2EC	180522.5S	1460334.5E	YW2ND	354844.7S	1460205.8E			
XT2EF	175955.3S	1455943.7E	YW2NE	354729.8S	1460858.8E			
XT2EH	180048.1S	1455715.1E	YW2NF	355645.3S	1460417.2E			
XT2EI	180121.6S	1460338.9E	YW2NG	355220.2S	1461246.8E			
XT2EM	175850.6S	1455647.4E	YW2NH	360409.6S	1460031.4E			
XW2NA	341719.6S	1505753.6E	YW2NI	355207.5S	1460638.0E			
XW2NC	341755.4S	1510159.0E	YW2NM	360123.0S	1460156.1E			
XW2ND	342210.5S	1510159.2E	ZA2ED	205848.7S	1185218.7E			
XW2NF	342210.6S	1505651.8E	ZA2EE	210350.7S	1185517.2E			
XW2NH	342444.3S	1505601.8E	ZA2EF	210247.8S	1184439.2E			
XW2NI	342003.1S	1505925.5E	ZA2EG	210811.5S	1185115.9E			
XW2NM	342418.2S	1505418.1E	ZA2EH	210149.7S	1183455.7E			
YAHMO	304300.6S	1185149.3E	ZA2EI	210319.3S	1184958.2E			
YAKKA	331132.4S	1511322.5E	ZA2WA	210533.2S	1182447.8E			
YANCO	351641.0S	1454354.0E	ZA2WB	210030.7S	1182150.3E			
YARDD	172018.0S	1370918.0E	ZA2WC	205610.6S	1182552.2E			
YARRA	375030.0S	1445212.0E	ZA2WF	210134.9S	1183227.9E			
YEEDI	285207.4S	1193147.7E	ZA2WH	210233.3S	1184213.6E			
YINDI	233231.8S	1335206.3E	ZA2WI	210102.9S	1182709.1E			
YINGA	274406.9S	1191728.1E	ZAARS	120159.3S	1293613.1E			
YIREE	313836.0S	1160855.3E	ZANEY	160144.3S	1455442.6E			
YK2EA	094743.9S	1433719.5E	ZB2ND	195007.5S	1482001.7E			
YK2EB	095329.3S	1433736.1E	ZB2NE	195155.0S	1482548.7E			
YK2EC	095542.7S	1433214.4E	ZB2NF	195756.4S	1481719.3E			
YK2EF	094807.2S	1432902.3E	ZB2NG	195740.3S	1482600.7E			
YK2EH	094349.3S	1432211.4E	ZB2NH	200321.5S	1480940.5E			
YK2EI	095048.2S	1433319.1E	ZB2NI	195455.7S	1482134.0E			

SECTION 23 – AIR ROUTES

ROUTE LOWEST SAFE ALTITUDES

Continental route segment LSALT published in this section are **only** valid for RNP 2 operations. For operations other than RNP 2 operations, operators and pilots must use a pilot calculated route LSALT or grid LSALT.

ROUTE DESIGNATORS

REGIONAL ROUTES - A, B, G & R.
REGIONAL ROUTES (TASMAN) - L, M, N, P
DOMESTIC ROUTES - H (ONE WAY) & J (TWO WAY)
DOMESTIC ROUTES - V (ONE WAY) & W (TWO WAY) Predominantly Low Level
DOMESTIC ROUTES - Q (180° - 359°), Y (360° - 179°), T (TWO WAY) & Z (LOW LEVEL)

Displayed Below	Charts	Depiction	Explanation
	1	■	No report required
	2	▲	Compulsory position report for all ACFT;
	3	△	Compulsory position report for all ACFT with TAS Less than 300KT, and for other ACFT on request;
	4	◮	Compulsory position report for all ACFT with AIREP section 3 required for designated flights;
	5	◬	In Addition to 3 above, AIREP section 3 required from designated flights.

ROUTE LEGENDS Charts
T/W Two Way
O/W One Way
LIMITED SEG Route charted on ERC(L) charts, however Limited segments, particularly in TAC coverage, are required for high Level operations.

For each Route Segment:
H = Displayed on High Charts
L = Displayed on Low Charts
B = Displayed on Both High and Low Charts therefore able to be Flight Planned at all Levels

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE A216 T/W							
3	CS VOR	165100.1S	1454438.0E	---/344			
1	LOCKA	160124.8S	1453628.6E	345/345	50.0	5200/5900	H
2	MEMIG	142218.1S	1452020.5E	345/345	99.9	5200/5900	H
4	APUKA	120000.0S	1445739.6E	346/346	143.4	2600/3400	H
ATS ROUTE A339 T/W							
5	VALRA	214241.4S	1221248.0E	---/019			
2	POKOS	203427.0S	1224027.4E	019/019	72.7	2700/3100	H
2	CIN VOR	173519.6S	1235107.2E	019/023	190.6	2600/2500	H
3	NIKOM	154415.1S	1244322.9E	023/023	121.5	2900/3700	H
2	GUNAM	144202.5S	1251212.7E	023/023	67.9	3200/3700	H
2	IDOTO	113106.0S	1263848.4E	022/023	208.0	3000/3200	H
3	IKUMA	102548.0S	1270806.0E	022/022	71.1	1500/1500	H
4	ELBIS	090518.0S	1274342.0E	022/012	87.5	4700/4700	H
ATS ROUTE A346 T/W							
3	OVRON	202104.2S	1485721.2E	---/118			
2	ELDEK	203258.8S	1491429.9E	118/118	20.0	3200/3200	H
2	LEEAM	235234.4S	1541502.4E	114/119	342.5	1500/1500	H
2	VEMLA	265244.2S	1582515.1E	115/120	289.1	1500/1500	H
4	TEKEP	302924.0S	1630000.0E	116/108	324.1	1500/1500	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE A458 T/W							
2	ALEGO	103824.0S	1250800.0E	107/107	89.8	0/0	H
3	KILIK	111012.9S	1264812.1E	106/106	103.5	1500/1500	H
2	BELKI	114112.5S	1282800.4E	106/106	102.8	1500/1500	H
1	ZAARS	120159.3S	1293613.1E	105/105	70.0	1800/1500	H
2	DN VOR	122523.8S	1305423.3E	105/---	80.0	1900/1600	H
ATS ROUTE A461 T/W							
4	BUTPA	083248.0S	1293954.0E	162/161	307.5	0/0	H
1	ADKUL	092436.9S	1295619.5E	161/161	54.1	4500/4500	H
2	OCTOB	110849.2S	1302937.7E	160/160	108.8	4500/4500	H
2	DN VOR	122523.8S	1305423.3E	160/164	80.0	1900/1800	H
2	AGUST	133743.2S	1311215.0E	164/164	74.1	2300/2500	B
2	MONIC	170044.6S	1320331.7E	163/163	208.2	2600/2700	B
3	BOYDI	184744.3S	1323118.5E	163/163	109.8	5200/3800	B
2	DIGLA	211817.2S	1331127.3E	162/162	154.7	5200/3800	B
2	AS VOR	234734.4S	1335241.6E	161/146	153.6	5500/5000	B
3	ELLOW	245709.5S	1343627.1E	145/145	80.0	4000/4100	B
2	IDANU	264057.7S	1354346.2E	144/144	120.0	3000/3600	B
5	AGAGO	281312.7S	1364538.7E	143/143	107.2	2800/2400	B
2	LEC NDB	303555.4S	1382632.1E	141/---	167.4	3100/3100	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◮ 5 ◬

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE A464 T/W						
4	RIGMI	321205.0S	1630000.0E	283/283	451.5	1500/1500	H
2	DUBUD	290030.4S	1564139.0E	289/281	378.2	1500/1500	H
1	SCOTT	275206.0S	1534800.0E	283/288	167.6	5900/5300	H
1	WINKY	271657.8S	1523926.6E	289/289	70.3	5900/5300	H
3	UNVAT	254809.9S	1495346.5E	292/291	172.9	5900/5300	H
2	OMUBI	233815.4S	1460405.8E	295/295	246.0	5500/5500	H
2	RENAK	215849.0S	1431941.0E	297/297	181.4	2900/2900	H
2	NOMEL	204523.5S	1412328.4E	298/298	130.8	2300/2300	H
4	RILVO	200644.1S	1402351.7E	299/299	68.0	3500/3500	H
2	NIVED	183308.8S	1380331.6E	301/301	162.2	3500/3500	H
2	MIGAX	160143.5S	1342644.9E	303/303	256.4	2900/2900	H
2	OPEKO	144242.7S	1323757.8E	304/304	131.3	2900/2900	H
4	TN VOR	143109.1S	1322215.6E	304/305	19.1	2700/2600	H
2	AGUST	133743.2S	1311215.0E	306/306	86.4	2400/2800	H
2	LARAB	120403.6S	1291133.4E	307/307	150.3	2300/2500	H
3	IKUMA	102548.0S	1270806.0E	308/297	155.8	1600/1600	H
4	KIKEM	095254.0S	1260724.0E	298/---	68.2	3500/3500	H
	ATS ROUTE A576 T/W						
3	TESAT	335637.7S	1511057.3E	---/274			
3	KADOM	334238.9S	1501758.6E	275/276	46.3	5000/0	B
2	PKS VOR	330752.6S	1481414.3E	278/291	109.2	6100/6100	H
1	MACLA	301021.4S	1430725.2E	297/297	316.1	3300/4000	H
4	APOMA	295352.7S	1424053.5E	297/297	28.3	2800/2800	H
2	POLEV	265513.2S	1381009.3E	302/302	297.9	2900/2900	H
2	KALUG	255400.0S	1364330.0E	303/303	98.9	2200/1900	H
2	AS VOR	234734.4S	1335241.6E	305/297	200.0	4400/4200	H
2	LEKAD	215520.9S	1303934.4E	299/299	210.5	5500/6400	H
2	TATUK	192545.6S	1263846.7E	302/302	270.5	4200/4200	H
2	CIN VOR	173519.6S	1235107.2E	303/313	193.6	3300/3000	H
4	ATMAP	120000.0S	1181518.0E	316/---	466.1	1900/2500	H
	ATS ROUTE A579 T/W						
4	UBLIN	274941.0S	1630000.0E	222/222	313.5	0/0	
2	UPSAD	310031.1S	1572348.5E	225/225	349.8	1500/1500	H
2	JORDY	322332.9S	1544112.4E	226/226	161.6	1500/1500	H
1	SHAZA	333939.7S	1520054.3E	228/228	154.7	3500/1500	H
1	NOBAR	334710.7S	1514424.4E	228/---	15.7	3500/1500	H
	ATS ROUTE A585 T/W						
3	AD VOR	345649.1S	1383128.3E	---/296			
1	AREPA	343427.7S	1375111.0E	296/296	40.0	3000/3000	B
3	VEPOK	340612.4S	1370119.7E	297/297	50.0	3000/3000	B
1	FRAZA	332605.2S	1355227.4E	299/298	70.0	3000/3000	B
2	ABTOD	325942.0S	1350800.0E	299/299	45.7	3000/3000	B
3	CDU NDB	320735.6S	1334337.0E	301/302	88.3	3000/2200	B
4	BEZZA	305130.0S	1314830.0E	304/304	124.3	2400/2600	B
2	PINAV	285254.0S	1290000.0E	306/306	188.3	3000/3000	B
5	LANOP	271853.3S	1265356.3E	308/308	145.7	3400/3400	B
2	BIDAP	242404.6S	1231444.3E	310/310	263.5	3500/3500	B
3	GUKON	225621.3S	1213054.4E	312/312	129.3	3600/3600	B
2	PD VOR	202242.5S	1183721.8E	313/318	222.6	3600/3600	B
2	OSOTO	180715.4S	1163553.9E	319/319	177.2	1600/1500	B
2	DOMOM	162612.8S	1150758.2E	320/320	131.2	1500/1500	B
4	SAPDA	120000.0S	1112536.0E	320/320	341.9	1500/1500	B
	ATS ROUTE A587 T/W						
2	AS VOR	234734.4S	1335241.6E	---/307			
2	DEENO	213508.5S	1311253.6E	309/309	198.1	5500/6400	H
4	DOPUK	181433.5S	1272508.8E	311/311	293.2	4600/4600	H
5	JATAR	162639.4S	1252821.4E	312/312	155.0	4700/4700	H
2	NIKOM	154415.1S	1244322.9E	313/313	60.5	4500/4500	H
4	ONOXA	120000.0S	1205242.0E	314/314	316.5	3900/4500	H
	ATS ROUTE A598 T/W						
3	BIXAD	264127.6S	1531446.5E	---/014			
2	PONUX	244253.3S	1541607.0E	014/010	130.6	1500/1500	H
4	PUGEL	194939.0S	1561328.1E	010/010	311.8	1500/1500	H
3	IKODA	163724.0S	1572654.0E	010/010	203.8	1500/1500	H
2	RIPNA	140000.0S	1582500.0E	010/010	166.5	1500/1500	H
	ATS ROUTE B220 T/W						
2	KELPI	223410.2S	1513511.6E	---/332			
3	LAMEK	180916.6S	1500235.5E	334/334	277.9	3200/3900	H
3	DOTOD	151424.2S	1490411.5E	335/335	183.0	1500/1500	H
4	VIPAM	120000.0S	1480113.7E	336/336	203.0	1500/1500	H
	ATS ROUTE B325 T/W						
4	AKUKO	090030.0S	1022106.0E	240/239	138.8	0/0	H
3	EPGUP	103902.0S	0993305.6E	240/240	192.7	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	242/---	184.6	1500/1500	H
	ATS ROUTE B333 T/W						
4	RUMIX	270737.0S	1630000.0E	303/303	168.6	0/0	
2	ISTEM	243551.2S	1602300.1E	305/308	207.2	1500/1500	H
4	PUGEL	194939.0S	1561328.1E	312/309	367.3	1500/1500	H
2	ISPID	141051.4S	1511040.3E	313/313	444.9	1500/1500	H
4	DUKUB	120000.0S	1491934.0E	314/314	169.5	1500/1500	H
	ATS ROUTE B450 T/W						
3	TESAT	335637.7S	1511057.3E	---/059			
1	NOBAR	334710.7S	1514424.4E	058/059	29.4	2100/3000	H
2	ABARB	325106.4S	1545604.9E	056/057	170.1	1500/1500	H
2	LHI NDB	313144.1S	1590422.6E	054/060	225.1	4500/4500	H
4	TEKEP	302924.0S	1630000.0E	057/058	211.8	4500/4500	H
2	NF VOR	290250.4S	1675555.8E	055/043	271.6	2100/2100	H
	ATS ROUTE B462 T/W						
4	APISO	120000.0S	1473623.8E	165/165	153.9	2400/2400	H
2	NONIR	154032.4S	1481109.9E	164/164	222.2	1500/1500	H
3	OVRON	202104.2S	1485721.2E	163/157	282.9	4100/2900	H
3	MK VOR	211022.8S	1491114.0E	157/---	50.8	3000/3000	B
	ATS ROUTE B469 O/W						
4	LAMOB	120000.0S	1085300.0E	160/161	225.0	1500/1500	B
2	IDOKU	181532.7S	1110650.8E	160/160	395.7	1500/0	H
2	CAR VOR	245255.3S	1134022.4E	160/146	421.0	1800/0	H
2	BORVI	272248.1S	1153704.7E	145/154	182.6	2800/0	B
2	TOPIR	291100.0S	1164007.1E	153/---	121.4	2800/0	B
	ATS ROUTE B472 T/W						
2	NTN NDB	174144.7S	1410422.9E	---/317			
2	GUGUK	145628.5S	1385236.0E	318/318	207.7	1600/1700	B
3	GV VOR	121554.1S	1364859.1E	320/323	200.1	1900/2000	B
4	IDELU	113545.4S	1362148.1E	323/323	48.0	1900/2000	H
2	VILON	095000.0S	1351119.8E	324/324	126.1	1700/1900	H
4	TOREX	072400.0S	1333530.0E	325/---	173.6	1700/1900	H
	ATS ROUTE B473 T/W						
4	OPABA	085130.0S	1380400.0E	139/132	440.0	1600/1600	H
2	PEBTA	105750.6S	1401030.7E	131/131	177.2	1600/1600	H
2	WP VOR	124024.8S	1415520.9E	130/134	144.9	2200/2200	H
3	GOPMI	132124.7S	1423200.9E	134/134	54.3	0/0	H
2	MEMOS	145903.0S	1440032.2E	133/132	129.8	0/0	H
1	OVLET	161346.2S	1450943.5E	132/132	100.0	6000/6000	H
3	CS VOR	165100.1S	1454438.0E	131/---	50.0	6000/6000	H
	ATS ROUTE B474 T/W						
1	NOBAR	334710.7S	1514424.4E	---/029			
2	BEADS	313614.0S	1535936.3E	028/028	173.5	3400/3700	H
2	VEMLA	265244.2S	1582515.1E	026/026	365.9	1500/1500	H
2	ISTEM	243551.2S	1602300.1E	025/025	173.0	1500/1500	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	MEPAB	212249.7S	1630000.0E	025/023	240.8	1500/1500	H
ATS ROUTE B578 T/W							
2	TEBUR	232824.0S	1630000.0E	232/232	78.4	1500/1500	H
2	ISTEM	243551.2S	1602300.1E	233/233	158.7	1500/1500	H
1	MEPEM	262554.3S	1554357.1E	236/234	275.2	1500/1500	H
1	AVMUN	270059.5S	1541722.5E	235/235	85.0	1500/1500	H
1	GUMKI	271113.0S	1535133.0E	235/243	25.2	1500/1500	H
3	BN VOR	272157.9S	1530821.2E	243/---	40.0	1900/1900	H
ATS ROUTE B580 T/W							
1	NOBAR	334710.7S	1514424.4E	---/038			
2	IFFEY	315733.6S	1542130.7E	037/037	171.7	1500/3500	H
4	MISLY	304941.4S	1555331.5E	036/036	103.9	1500/1500	H
2	LENRI	281515.2S	1591018.5E	034/034	230.6	1500/1500	H
2	VESUN	245847.5S	1630000.0E	033/033	284.1	1500/1500	H
ATS ROUTE B586 T/W							
2	BODEG	200737.1S	1630000.0E	291/291	92.3	2500/2500	H
2	IKODA	163724.0S	1572654.0E	295/295	379.7	2500/2500	H
2	MEKAD	132350.2S	1524201.8E	298/298	336.4	1500/1500	H
4	TEKAN	120000.0S	1504330.0E	299/299	142.8	1500/1500	H
ATS ROUTE B587 T/W							
2	GULOP	154912.4S	1415522.4E	---/328			
3	VEVAV	152847.3S	1414454.5E	328/326	22.7	1900/1900	H
2	ROOKI	105649.7S	1391216.3E	328/328	309.0	1900/1900	H
4	OPABA	085130.0S	1380400.0E	329/---	141.8	1600/1600	H
ATS ROUTE B598 T/W							
2	DN VOR	122523.8S	1305423.3E	---/080			
1	MASRA	121337.4S	1321513.3E	079/079	80.0	1800/2900	H
3	IGOPO	115639.8S	1340705.8E	078/079	110.9	2700/3300	H
4	IDELU	113545.4S	1362148.1E	078/078	133.8	2600/2600	H
2	PEBTA	105750.6S	1401030.7E	076/076	227.9	2100/2100	H
3	HID NDB	103531.4S	1421733.2E	075/073	127.0	2200/2200	H
4	POSOX	101330.0S	1435536.0E	072/072	99.1	2200/2100	H
ATS ROUTE G200 T/W							
4	XMX VOR	102548.8S	1054121.6E	---/258			
4	IKEXO	103640.4S	1044906.5E	258/258	52.6	2300/2300	H
4	TATOD	105906.0S	1025842.0E	259/259	110.9	2300/2300	H
4	EMVAS	112812.0S	1002942.0E	260/259	149.3	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	261/254	219.4	1500/1500	H
2	RUNUT	134937.3S	0912250.0E	258/258	334.2	1500/1500	H
4	DUBAG	153247.9S	0850000.0E	262/262	385.0	1500/1500	H
2	GUPOX	164453.7S	0800000.0E	266/266	297.5	1500/1500	H
4	KADEM	174854.0S	0750000.0E	270/---	294.0	1500/1500	H
ATS ROUTE G205 T/W							
3	OVRON	202104.2S	1485721.2E	---/017			
3	LAMEK	180916.6S	1500235.5E	017/354	145.1	2800/3300	H
2	PIPPA	144051.1S	1501124.4E	355/355	207.7	1500/1500	H
2	WEENA	120000.0S	1501801.1E	355/355	160.3	1500/1500	H
ATS ROUTE G209 T/W							
2	LM VOR	221405.4S	1140538.9E	---/324			
2	IDOKU	181532.7S	1110650.8E	325/325	291.1	2600/2600	H
3	MALBI	142959.2S	1082703.8E	326/326	272.1	1500/1500	H
4	ISRAN	114300.0S	1063306.0E	326/326	200.0	1500/1500	H
4	XMX VOR	102548.8S	1054121.6E	326/354	92.2	2300/2300	H
ATS ROUTE G222 T/W							
2	PKS VOR	330752.6S	1481414.3E	---/282			
3	IBODA	320135.6S	1451905.1E	285/285	162.1	3400/3400	B
2	VAGPO	310000.0S	1424844.5E	287/287	142.5	3200/3200	B
1	EVIEC	302120.2S	1411922.4E	289/289	86.2	2800/5000	B
3	MEMOV	301151.1S	1405758.8E	289/289	20.8	5000/2800	B
4	GUGAB	294106.8S	1394959.2E	290/290	66.6	5000/5000	B
4	AGAGO	281312.7S	1364538.7E	293/293	183.9	5000/4500	B
3	GOMUL	273316.5S	1352629.5E	294/294	80.7	2900/2200	B
3	KADBA	261242.2S	1325207.7E	296/296	159.7	5600/4800	B
2	AYE NDB	251021.7S	1305829.3E	298/306	120.0	5600/4800	B
4	GULUM	231312.6S	1282748.8E	308/308	180.6	4400/4900	B
2	JUGGL	205502.6S	1253928.2E	310/310	208.3	4400/4400	B
3	BIGUP	185531.6S	1231946.7E	311/311	177.5	2800/2800	B
4	BRM NDB	175646.7S	1221407.1E	312/297	85.6	2400/2400	B
3	ONALA	151110.5S	1170144.7E	299/299	342.3	1600/1600	H
2	METUM	140813.3S	1150831.8E	299/299	126.4	1500/1500	H
4	SAPDA	120000.0S	1112536.0E	300/---	252.3	1500/1500	H
ATS ROUTE G326 T/W							
4	ONOXA	120000.0S	1205242.0E	118/122	239.7	0/0	H
2	GUNAM	144202.5S	1251212.7E	120/120	300.0	3400/3100	H
4	NONOK	163754.1S	1282655.5E	119/117	220.5	4200/4000	H
3	BOYDI	184744.3S	1323118.5E	115/115	266.7	3200/3500	H
5	TNK VOR	193805.1S	1341055.0E	114/116	106.8	3200/3500	H
2	BIKER	204355.6S	1361402.2E	115/115	133.1	3200/3600	H
2	VINAX	213517.7S	1375332.9E	113/113	106.2	2600/3500	H
2	DODRO	230527.2S	1405612.3E	111/111	191.7	2400/2400	H
4	TAVEV	241536.1S	1432633.2E	109/109	154.7	3200/3200	H
3	MEYJI	252034.7S	1455336.8E	107/107	148.7	0/0	H
2	ROM NDB	263235.1S	1484654.1E	104/093	171.9	0/0	H
2	RILGO	264225.3S	1493525.8E	093/093	44.6	5100/5100	H
2	LIKTO	265153.6S	1502338.5E	092/092	44.2	5100/5100	H
3	WOODY	271416.9S	1522416.9E	090/090	110.0	5100/5100	H
3	BN VOR	272157.9S	1530821.2E	090/---	40.0	4100/3900	H
ATS ROUTE G329 T/W							
3	BN VOR	272157.9S	1530821.2E	---/090			
1	UGTUG	272922.1S	1535232.2E	089/089	40.0	2200/2200	H
2	SAVER	273110.7S	1540335.7E	089/089	10.0	1500/1500	H
1	BONEY	274830.0S	1555430.0E	087/087	100.0	1500/2600	H
2	LENRI	281515.2S	1591018.5E	085/085	175.3	1500/1500	H
4	DOVOM	284022.8S	1630000.0E	082/082	204.0	1500/1500	H
2	UBDAK	285434.1S	1654827.2E	080/080	148.7	0/0	H
2	DALOS	290129.0S	1673036.8E	079/078	89.9	0/0	H
2	NF VOR	290250.4S	1675555.8E	078/---	22.2	0/0	H
ATS ROUTE G342 T/W							
3	CS VOR	165100.1S	1454438.0E	---/057			
2	NONIR	154032.4S	1481109.9E	056/056	157.5	4700/4700	H
3	DOTOD	151424.2S	1490411.5E	056/056	57.4	1500/1500	H
2	ISPID	141051.4S	1511040.3E	055/055	137.9	1500/1500	H
2	MEKAD	132350.2S	1524201.8E	054/054	100.5	1500/1500	H
2	NODOK	121112.0S	1550000.0E	053/053	153.0	1500/1500	H
ATS ROUTE G459 T/W							
2	BEGMI	095000.0S	1402436.0E	147/147	113.3	0/0	H
3	SOVRO	104942.0S	1405728.3E	147/149	67.7	1500/1500	H
2	WP VOR	124024.8S	1415520.9E	148/---	124.0	2200/2200	H
ATS ROUTE G578 T/W							
4	EGATU	120000.0S	1160536.0E	162/163	51.7	0/0	H
3	ONALA	151110.5S	1170144.7E	163/163	198.0	1500/1500	H
2	TAYER	161744.7S	1172142.3E	163/163	69.0	1500/1500	H
3	GOLUX	175812.6S	1175217.1E	163/163	104.3	1500/1500	H
2	PD VOR	202242.5S	1183721.8E	162/---	150.1	1600/1600	H
ATS ROUTE G591 T/W							
2	ABVOM	292037.8S	1681033.0E	309/309	191.5	0/0	H
2	NF VOR	290250.4S	1675555.8E	309/332	21.9	0/0	H
2	OSVAR	280753.2S	1674126.3E	332/332	56.3	0/0	H
2	SCUBA	235830.0S	1664006.0E	334/335	254.7	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	LTO VOR	220019.6S	1661242.0E	335/269	120.5	0/0	H
2	TEPAM	213612.0S	1640612.0E	270/270	120.1	0/0	H
4	MEPAB	212249.7S	1630000.0E	271/271	63.2	0/0	H
4	PUGEL	194939.0S	1561328.1E	275/275	392.5	1500/1500	H
2	LAMEK	180916.6S	1500235.5E	279/279	365.4	1500/1500	H
2	MUBNI	170409.7S	1462632.0E	281/281	216.3	6700/4700	H
3	CS VOR	165100.1S	1454438.0E	282/---	42.2	6700/4700	H
ATS ROUTE G595 T/W							
3	TESAT	335637.7S	1511057.3E	---/074			
3	DIPSO	335423.3S	1520419.0E	074/077	44.5	2100/2100	H
2	GUTIV	335438.5S	1530614.4E	076/076	51.5	0/0	H
2	INVUS	335432.4S	1534428.3E	076/076	31.8	0/0	H
2	ATNAT	335409.5S	1543011.6E	075/070	38.1	0/0	H
2	SOTKI	335040.7S	1551107.6E	070/070	34.3	0/0	H
2	ELPIB	332050.6S	1594932.5E	066/066	234.4	0/0	H
4	SARAP	325506.8S	1630000.0E	064/067	162.0	1500/1500	H
ATS ROUTE H16 LIMITED SEG O/W							
1	AVNEX	304844.7S	1155137.6E	---/335			
2	GEL VOR	284725.2S	1144222.0E	335/356	135.2	2800/0	B
3	EURAD	273733.8S	1143532.2E	356/356	69.9	2400/0	B
2	WARRA	244957.9S	1141943.5E	356/356	167.7	3100/0	B
3	TOLAG	234018.7S	1141322.0E	355/355	69.7	1800/0	B
2	LM VOR	221405.4S	1140538.9E	355/---	86.2	2200/0	B
ATS ROUTE H18 O/W							
1	PH VOR	315642.2S	1155733.2E	---/124			
1	HIDOT	321249.0S	1162719.5E	124/124	30.0	3200/0	H
1	VEMON	323221.5S	1170428.1E	123/110	37.0	3200/0	H
1	BURGU	325811.5S	1183919.7E	108/075	84.0	3000/0	H
2	MUBID	321140.1S	1214756.6E	072/---	166.0	3500/0	H
ATS ROUTE H20 O/W							
3	WOL NDB	343328.6S	1504727.6E	---/196			
3	NWA NDB	345704.4S	1503147.2E	196/181	26.9	4300/0	B
3	OTKED	373546.2S	1494306.0E	180/182	163.3	5100/0	B
1	SUNOB	400252.0S	1484742.0E	182/182	153.2	4100/0	B
2	MOTRA	412007.4S	1481654.1E	182/---	80.7	6600/0	B
ATS ROUTE H21 O/W							
1	NATYA	345808.2S	1431357.5E	---/084			
3	WG VOR	350956.7S	1472808.7E	080/---	209.0	3200/0	H
ATS ROUTE H36 O/W							
3	BENDO	351436.2S	1393036.5E	---/085			
1	KACEY	352637.2S	1465332.0E	078/078	362.5	5700/0	H
3	NONUP	352550.1S	1481755.8E	077/---	69.0	8200/0	H
ATS ROUTE H39 O/W							
2	NEWMO	320128.2S	1433100.0E	---/099			
1	GUVBO	330401.0S	1472652.8E	095/---	208.9	0/0	H
ATS ROUTE H44 O/W							
3	KADOM	334238.9S	1501758.6E	---/254			
1	TEEVE	334346.7S	1495350.9E	255/248	20.2	5800/0	B
1	LIDLI	334614.0S	1493557.7E	249/252	15.1	5500/0	B
3	CWR NDB	335041.6S	1483911.7E	253/247	47.5	4900/0	B
3	BORLI	341458.0S	1460355.3E	249/250	131.3	3800/0	B
3	MAXEM	343805.9S	1423320.6E	254/254	175.7	2100/0	H
1	AD VOR	345649.1S	1383128.3E	258/---	200.1	3800/0	H
ATS ROUTE H50 O/W							
1	ML VOR	373936.5S	1445031.2E	---/008			
3	MNG VOR	365309.2S	1451139.2E	008/---	49.4	4100/0	B
ATS ROUTE H54 O/W							
1	AREPA	343427.7S	1375111.0E	---/273			
2	KAMBI	340805.6S	1352023.3E	276/---	127.6	2700/0	H
ATS ROUTE H65 O/W							
3	TESAT	335637.7S	1511057.3E	---/195			
3	WOL NDB	343328.6S	1504727.6E	195/221	41.6	3400/0	B
1	LEECE	350315.1S	1495737.3E	221/237	50.7	4300/0	H
3	CB VOR	351653.2S	1491144.6E	238/---	40.0	4800/0	H
ATS ROUTE H66 O/W							
1	ML VOR	373936.5S	1445031.2E	---/017			
1	NONIX	370434.3S	1451449.6E	017/028	40.0	4100/0	B
1	KACEY	352637.2S	1465332.0E	027/027	126.2	3400/0	B
2	SPLIZ	324325.1S	1492651.0E	026/026	206.8	5600/0	B
3	MUDGI	323339.3S	1493537.3E	025/024	12.2	4400/0	B
1	LIPDI	320636.5S	1495818.8E	024/024	33.1	3900/0	B
1	UPVEN	314655.6S	1501439.1E	024/024	24.1	5500/0	B
1	URKER	313647.5S	1502300.4E	023/023	12.4	4200/0	B
3	TW VOR	310357.9S	1504948.9E	023/030	40.0	4500/0	B
1	PEBDO	301952.5S	1513521.0E	030/030	59.0	6000/0	B
1	ADKEX	294842.9S	1520657.5E	030/030	41.5	6300/0	B
1	WHITI	291020.4S	1524516.0E	029/029	50.8	5500/0	B
3	IDNER	285228.5S	1530252.7E	029/001	23.6	3300/0	B
1	BLAKA	281200.0S	1531318.0E	001/001	41.4	5300/0	B
1	MOOVI	275448.7S	1531741.7E	001/002	17.6	4000/0	B
1	LAGOB	274541.1S	1532003.6E	002/---	9.3	2700/0	B
ATS ROUTE H84 O/W							
3	WHA NDB	330329.2S	1373127.2E	---/155			
3	SEDRA	333553.0S	1374337.4E	155/155	33.9	2800/0	B
1	ASILI	340006.8S	1375249.9E	155/155	25.4	2900/0	B
1	MARGO	342450.0S	1380219.2E	154/135	25.9	2900/0	B
3	AD VOR	345649.1S	1383128.3E	135/---	40.0	2800/0	B
ATS ROUTE H91 O/W							
3	BN VOR	272157.9S	1530821.2E	---/179			
3	SANEG	274904.2S	1530238.3E	179/190	27.5	2300/0	H
1	HUUGO	280523.3S	1525529.2E	190/190	17.5	3300/0	H
1	APAGI	285056.0S	1523507.1E	190/196	48.8	5900/0	H
1	CLIFF	294203.4S	1520429.2E	196/181	57.6	0/0	H
2	ADMAR	301922.0S	1515442.7E	181/190	38.2	0/0	H
3	SANAD	312311.0S	1512444.6E	190/189	68.7	6600/0	H
1	MESIM	315630.0S	1510948.0E	189/189	35.6	6100/0	H
1	IGDAM	322954.7S	1505444.9E	189/---	35.7	6100/0	H
ATS ROUTE H98 O/W							
1	IDNER	285228.5S	1530252.7E	---/197			
1	VIMEG	293553.5S	1523511.8E	198/198	49.6	6600/0	B
3	SANAD	312311.0S	1512444.6E	198/---	123.1	6600/0	B
ATS ROUTE H99 O/W							
3	SANAD	312311.0S	1512444.6E	---/205			
3	LALIB	320205.1S	1504951.7E	206/179	48.9	6100/0	B
1	BOSUN	323137.0S	1504305.5E	179/159	30.0	5000/0	B
1	DUUKE	325858.1S	1504753.2E	159/129	27.6	5500/0	B
1	BOREE	331414.2S	1510238.4E	128/---	19.6	5500/0	B
ATS ROUTE H102 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/119			
3	NATYA	345808.2S	1431357.5E	117/---	72.5	1800/0	B
ATS ROUTE H111 O/W							
2	TASUM	425049.6S	1473136.0E	---/334			
1	KANLI	421920.8S	1472356.0E	335/335	32.0	5400/0	B
1	LATUM	421128.1S	1472202.1E	335/335	8.0	5400/0	B
3	LT VOR	413237.8S	1471247.7E	335/---	39.4	5400/0	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◺

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE H119 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/131			
3	NATYA	345808.2S	1431357.5E	126/138	356.5	5000/0	H
3	SALRI	354852.5S	1435233.0E	137/137	59.7	4000/0	B
1	DORSU	364824.0S	1443906.0E	136/159	70.3	4000/0	B
1	ARBEY	371006.0S	1444354.0E	158/156	22.0	4500/0	B
1	TUNKA	371956.3S	1444631.1E	156/160	10.0	4100/0	B
1	BELTA	372743.9S	1444753.6E	160/158	7.9	4000/0	B
1	ML VOR	373936.5S	1445031.2E	158/---	12.0	3200/0	B
ATS ROUTE H129 O/W							
1	ML VOR	373936.5S	1445031.2E	---/030			
1	DOSEL	370954.4S	1452343.1E	030/---	39.7	4100/0	B
ATS ROUTE H133 O/W							
1	VERES	312117.0S	1522410.0E	---/016			
1	AGRAB	310000.0S	1523724.0E	016/010	24.1	0/0	H
1	TAXIV	300218.7S	1530425.8E	010/333	62.1	0/0	H
1	UPSEL	293314.0S	1525543.0E	334/---	30.0	2900/0	B
ATS ROUTE H135 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/172			
1	PARDA	322838.6S	1382808.6E	172/171	112.5	5300/0	H
1	NIMEK	331640.0S	1382912.1E	171/171	47.9	5200/0	H
1	KLAVA	341145.1S	1383026.3E	171/171	55.0	5200/0	H
3	AD VOR	345649.1S	1383128.3E	171/---	45.0	5200/0	H
ATS ROUTE H140 O/W							
1	UPNEX	332625.6S	1514005.1E	---/338			
3	MATLA	324517.6S	1513154.7E	338/005	41.6	2900/0	B
2	LOSKU	302932.8S	1522133.1E	005/009	141.9	6100/0	B
1	VEGAH	292436.0S	1524924.0E	009/009	69.2	6500/0	B
3	IDNER	285228.5S	1530252.7E	009/---	34.1	4500/0	B
ATS ROUTE H155 O/W							
1	KEPPA	364747.7S	1435833.0E	---/317			
4	MIA VOR	341330.7S	1420438.2E	320/---	179.9	4700/0	H
ATS ROUTE H164 O/W							
3	ML VOR	373936.5S	1445031.2E	---/309			
1	KEPPA	364747.7S	1435833.0E	311/311	66.3	4700/0	H
2	AKNUM	353354.6S	1424716.5E	312/312	93.7	4700/0	H
3	IBABI	333751.1S	1410051.2E	314/315	145.4	4700/0	H
2	LEC NDB	303555.4S	1382632.1E	318/---	223.9	5200/0	H
ATS ROUTE H169 O/W							
3	ML VOR	373936.5S	1445031.2E	---/149			
3	SUNTI	383027.9S	1451248.7E	149/149	53.8	2400/0	B
2	AVNAS	400000.7S	1455300.1E	147/147	94.8	1900/0	B
1	AHOSK	404158.0S	1461236.6E	146/146	44.5	1500/0	B
2	IRSOM	411012.0S	1462603.2E	146/---	30.0	2000/0	B
ATS ROUTE H201 O/W							
1	OLTIN	323307.7S	1511527.0E	---/170			
1	KARDI	324634.0S	1511443.7E	170/170	13.4	3400/0	B
1	MONDO	325636.2S	1511411.1E	170/170	10.0	3200/0	B
1	LOWEP	330407.6S	1511346.6E	170/170	7.5	3500/0	B
1	YAKKA	331132.4S	1511322.5E	170/170	7.4	3000/0	B
1	MEPIL	332409.8S	1511241.1E	170/170	12.6	2600/0	B
1	TESAT	335637.7S	1511057.3E	170/---	32.4	2300/0	B
ATS ROUTE H205 O/W							
3	BORLI	341458.0S	1460355.3E	---/090			
1	CULIN	344424.0S	1492324.0E	087/---	167.5	5300/0	H
ATS ROUTE H206 O/W							
2	DOVUB	255342.7S	1442006.7E	---/085			
2	DUPUG	260143.1S	1482753.5E	082/084	223.5	0/0	H
2	IDLEG	260848.3S	1505451.4E	082/---	132.5	0/0	H
ATS ROUTE H215 O/W							
3	LT VOR	413237.8S	1471247.7E	---/323			
3	FLIKI	400000.0S	1462336.0E	325/325	99.8	3700/0	B
1	AKTAM	394214.6S	1461429.2E	325/325	19.1	3900/0	B
1	EXROM	392421.3S	1460523.4E	325/325	19.2	3900/0	B
3	ONAGI	382816.4S	1453724.3E	326/319	60.1	3900/0	B
1	RAZZI	380100.0S	1451842.0E	320/---	31.0	2400/0	B
ATS ROUTE H224 O/W							
2	PONUX	244253.3S	1541607.0E	---/177			
1	ATROP	265542.1S	1535606.2E	177/233	133.6	1500/0	H
1	TEBOT	270001.5S	1534554.8E	233/225	10.1	1500/0	H
3	BN VOR	272157.9S	1530821.2E	226/---	40.0	2400/0	H
ATS ROUTE H246 O/W							
3	AD VOR	345649.1S	1383128.3E	---/004			
1	ORBUN	341145.0S	1384316.2E	004/004	46.0	3800/0	B
1	ISROV	331853.7S	1385650.2E	004/004	54.0	5100/0	B
2	DAMOB	314046.1S	1392117.7E	004/004	100.1	5100/0	B
4	GUGAB	294106.8S	1394959.2E	004/004	121.9	5100/0	B
2	OOM NDB	280615.6S	1401156.9E	004/---	96.6	4700/0	B
ATS ROUTE H247 O/W							
3	AD VOR	345649.1S	1383128.3E	---/084			
3	AVDEN	345837.8S	1402057.2E	082/082	90.0	3800/0	B
3	BOLAM	345855.6S	1412810.2E	081/081	55.2	2100/0	B
3	NATYA	345808.2S	1431357.5E	079/079	86.9	2100/0	B
1	TOBOB	345603.0S	1450448.6E	077/077	91.1	2300/0	B
1	CULIN	344424.0S	1492324.0E	073/---	213.2	4500/0	B
ATS ROUTE H252 O/W							
3	TESAT	335637.7S	1511057.3E	---/037			
1	OLSEM	333852.0S	1513618.5E	037/001	27.6	2100/0	H
1	UPNEX	332625.6S	1514005.1E	001/002	12.8	1500/0	H
1	EKIPU	331226.1S	1514426.4E	002/358	14.4	1500/0	H
1	WLM NDB	324812.1S	1514943.6E	358/005	24.6	1700/0	H
3	BANDA	304759.3S	1523423.4E	005/005	125.8	6600/0	H
1	KAPSA	300456.4S	1524955.5E	005/005	45.0	6600/0	H
1	RULGU	295456.9S	1525329.8E	005/005	10.4	6600/0	H
2	OMKAX	291713.6S	1530652.1E	005/005	39.4	6600/0	H
3	GOMOL	281008.2S	1533014.7E	005/328	70.0	6600/0	H
3	LAGOB	274541.1S	1532003.6E	328/325	26.0	2500/0	H
1	BN VOR	272157.9S	1530821.2E	325/---	25.8	2200/0	H
ATS ROUTE H258 O/W							
2	LHI NDB	313144.1S	1590422.6E	---/229			
2	GOOMA	330938.5S	1550258.2E	232/232	226.6	4500/0	H
2	RIKNI	340455.6S	1523355.8E	233/---	136.1	1500/0	H
ATS ROUTE H309 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/246			
3	TUMAN	343612.8S	1401750.1E	247/248	91.2	2200/0	B
1	KAKLU	344635.7S	1392443.9E	248/248	45.0	3400/0	B
3	AD VOR	345649.1S	1383128.3E	249/---	45.0	3800/0	B
ATS ROUTE H319 O/W							
2	ENPAG	313308.0S	1471141.4E	---/140			
2	PKS VOR	330752.6S	1481414.3E	139/---	108.4	3100/0	H
ATS ROUTE H336 O/W							
1	KEPPA	364747.7S	1435833.0E	---/330			
3	NATYA	345808.2S	1431357.5E	332/---	115.3	4500/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE H345 O/W							
1	ML VOR	373936.5S	1445031.2E	---/278			
3	PEDNI	371148.0S	1431617.8E	280/280	80.0	4800/0	B
3	BORTO	362334.0S	1404430.5E	283/299	131.1	5200/0	B
3	MAVTO	360450.0S	1401502.5E	299/299	30.3	2600/0	B
1	DRINA	352513.4S	1391405.8E	300/300	63.4	3800/0	B
3	AD VOR	345649.1S	1383128.3E	301/---	45.0	3800/0	B
ATS ROUTE H412 O/W							
3	MEYJI	252034.7S	1455336.8E	---/099			
2	DUPUG	260143.1S	1482753.5E	097/---	145.3	0/0	H
ATS ROUTE H530 O/W							
1	TESAT	335637.7S	1511057.3E	---/303			
3	STUIE	333549.0S	1504635.0E	303/291	29.1	1900/0	B
1	RUSUM	332442.9S	1502619.9E	291/302	20.2	4300/0	B
1	SHABY	330650.0S	1500447.2E	303/316	25.4	4900/0	B
1	EMROT	324519.6S	1494845.6E	316/304	25.4	5000/0	B
2	MUDGI	323339.3S	1493537.3E	305/297	16.1	4700/0	B
1	UNSAR	321217.3S	1490448.3E	298/298	33.7	3800/0	B
1	LASUD	320343.3S	1485234.1E	298/315	13.5	2900/0	B
1	IDGIG	311917.7S	1481834.9E	316/316	53.0	2800/0	B
1	IPGOK	310444.9S	1480735.7E	316/316	17.3	2100/0	B
1	VEXEV	303002.7S	1474139.4E	317/317	41.2	2000/0	B
2	KABIX	301723.4S	1473217.5E	317/324	15.0	1900/0	B
2	POTUM	291744.1S	1465916.2E	325/325	66.1	1900/0	B
2	BAZZA	284458.0S	1464126.3E	325/314	36.2	1900/0	B
2	OPAXA	271524.9S	1452622.9E	315/315	111.3	2400/0	B
2	IVRAD	264930.9S	1450509.4E	315/315	32.0	0/0	B
2	DOVUB	255342.7S	1442006.7E	316/316	68.8	2500/0	B
2	AGRAX	224017.4S	1415029.6E	319/319	236.3	2500/0	B
2	OKVAR	212219.0S	1405241.6E	320/320	94.5	2700/0	B
2	IKABI	193422.9S	1393444.0E	321/321	130.1	3100/0	B
2	SURVO	152149.9S	1364006.5E	323/---	301.9	2700/0	B
ATS ROUTE H536 O/W							
1	WLM NDB	324812.1S	1514943.6E	---/163			
1	LIMLO	331249.6S	1515146.3E	163/161	24.6	1600/0	B
1	URKIX	332412.6S	1515320.7E	160/201	11.4	1500/0	B
1	ISBOV	340454.6S	1512057.6E	201/---	48.8	1500/0	B
ATS ROUTE H630 O/W							
1	ATLIB	290726.5S	1392914.1E	---/184			
1	ANUXU	304751.9S	1390541.3E	184/184	102.2	5200/0	B
1	NIMEK	331640.0S	1382912.1E	184/---	151.7	5200/0	B
ATS ROUTE H652 O/W							
3	MK VOR	211022.8S	1491114.0E	---/164			
3	MAGRA	222535.5S	1492227.8E	163/169	75.7	4100/0	B
2	ALAXU	251308.0S	1493049.2E	168/168	167.2	3400/0	B
2	RILGO	264225.3S	1493525.8E	167/167	89.1	2900/0	B
3	ROKUU	281103.3S	1494007.6E	167/155	88.5	2800/0	B
2	UBLUK	284900.8S	1495112.4E	155/155	39.1	2400/0	B
1	AVBOS	292415.2S	1500137.2E	155/155	36.3	2200/0	B
1	OVNOM	293912.8S	1500604.6E	154/154	15.4	2400/0	B
1	IDOGI	305035.1S	1502740.1E	154/154	73.6	5200/0	B
1	TIABB	311043.2S	1503351.6E	154/---	20.8	4200/0	B
ATS ROUTE J15 T/W							
1	TEDUS	345441.5S	1373648.2E	---/085			
3	AD VOR	345649.1S	1383128.3E	084/---	45.0	2500/2300	B
ATS ROUTE J19 T/W							
3	NATYA	345808.2S	1431357.5E	---/323			
2	UVUPU	335032.1S	1423256.6E	324/324	75.5	2000/2000	B
2	BHI VOR	320002.4S	1412847.9E	326/---	122.8	2600/2600	B

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE J21 LIMITED SEG T/W							
1	BIRER	320417.9S	1182342.3E	---/094			
2	DOTOP	320618.0S	1190448.0E	094/093	35.0	3000/3000	B
3	SORTU	320954.0S	1203854.0E	092/092	80.0	3000/3000	B
2	MUBID	321140.1S	1214756.6E	091/092	58.6	3000/3000	B
2	OLRUX	321548.1S	1252943.7E	088/096	188.2	3300/3300	B
2	IVPEM	323136.0S	1280000.0E	093/093	128.2	1900/2100	B
4	ISLAV	325137.7S	1322047.6E	089/089	221.0	2100/2100	B
2	ABTOD	325942.0S	1350800.0E	086/086	141.0	2900/2900	B
3	WHA NDB	330329.2S	1373127.2E	084/095	120.7	3000/3000	B
1	KABEK	332318.6S	1392439.6E	093/093	97.0	4500/4500	B
3	IBABI	333751.1S	1410051.2E	091/091	81.7	4500/4500	B
2	UVUPU	335032.1S	1423256.6E	089/089	77.8	2000/2000	B
3	BORLI	341458.0S	1460355.3E	086/---	177.0	3200/3100	B
ATS ROUTE J22 T/W							
3	LT VOR	413237.8S	1471247.7E	---/008			
1	MIMIM	403719.7S	1474340.1E	008/008	60.0	6100/6100	B
2	NUNPA	400544.3S	1480053.4E	008/014	34.2	4100/4100	B
3	OTKED	373546.2S	1494306.0E	014/---	169.8	3100/3100	B
ATS ROUTE J27 T/W							
2	GTE NDB	135830.2S	1362719.6E	---/109			
2	GUGUK	145628.5S	1385236.0E	108/---	152.3	2200/2200	B
ATS ROUTE J30 T/W							
4	TNK VOR	193805.1S	1341055.0E	---/337			
2	DOSAM	165410.3S	1331200.3E	338/338	172.6	3000/3000	B
4	TN VOR	143109.1S	1322215.6E	339/---	150.3	2400/2400	B
ATS ROUTE J37 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/008			
3	AVPAS	323134.6S	1374204.0E	008/011	33.1	2400/2400	B
5	LIPLU	312527.0S	1380714.1E	011/011	69.4	4200/4200	B
2	LEC NDB	303555.4S	1382632.1E	011/025	52.1	3700/3700	B
1	ATLIB	290726.5S	1392914.1E	024/025	103.7	3200/3200	B
2	OOM NDB	280615.6S	1401156.9E	024/---	71.7	2000/2000	B
ATS ROUTE J42 LIMITED SEG T/W							
3	WOL NDB	343328.6S	1504727.6E	---/228			
3	CB VOR	351653.2S	1491144.6E	229/233	89.9	4800/4800	B
3	ARRAN	355015.2S	1473821.8E	235/235	83.2	7500/7700	B
3	AY VOR	360404.8S	1465757.9E	235/---	35.6	4900/4900	B
ATS ROUTE J58 LIMITED SEG T/W							
1	AREPA	343427.7S	1375111.0E	---/342			
1	SPOTA	340431.4S	1374436.7E	342/342	30.4	2800/2500	B
3	WHA NDB	330329.2S	1373127.2E	343/---	61.9	2800/2500	B
ATS ROUTE J61 T/W							
3	IKUMA	102548.0S	1270806.0E	---/117			
2	PAGMI	111435.0S	1283921.0E	117/117	102.1	1500/1500	H
1	JULIE	114745.7S	1294213.2E	116/116	70.0	1800/1500	H
2	DN VOR	122523.8S	1305423.3E	116/107	80.0	1800/1800	B
2	LUDPU	123045.7S	1311027.0E	107/107	16.6	2000/2400	H
1	DUKEP	124130.4S	1314247.9E	106/106	33.4	2000/2400	H
1	NOKUN	125106.3S	1321154.0E	106/106	30.0	2200/3300	H
2	SOCAR	131317.3S	1331956.9E	106/106	70.0	3400/3400	H
2	DUMAV	135627.0S	1353544.6E	104/104	139.1	3400/3400	H
2	GUGUK	145628.5S	1385236.0E	103/103	200.1	2600/2600	H
2	GULOP	154912.4S	1415522.4E	101/101	184.2	1800/1600	H
2	ANDEE	161058.3S	1431407.7E	100/100	78.9	3300/2500	H
1	PUNIT	163751.4S	1445421.7E	099/099	100.0	5900/5100	H
3	CS VOR	165100.1S	1454438.0E	099/---	50.0	5900/5400	H
ATS ROUTE J64 T/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	AS VOR	234734.4S	1335241.6E	---/056			
3	ANZAC	224446.7S	1354925.7E	055/055	124.4	5400/5400	B
2	GAFER	221750.5S	1363807.4E	054/054	52.5	5400/5400	B
5	VINAX	213517.7S	1375332.9E	053/053	81.9	3200/3200	B
3	MA VOR	203952.6S	1392908.3E	053/052	105.0	3300/3200	B
4	RILVO	200644.1S	1402351.7E	051/051	61.1	3200/3400	B
2	ONARA	181903.5S	1431546.8E	050/050	194.9	4100/3500	B
1	VEKBI	173549.7S	1442236.9E	049/049	76.9	5200/4000	B
1	MUSEY	171251.6S	1445740.5E	049/049	40.6	6000/4800	B
3	NONUM	165500.7S	1452442.7E	049/072	31.4	5700/4800	B
3	CS VOR	165100.1S	1454438.0E	072/---	19.5	4900/4900	B
ATS ROUTE J70 T/W							
2	CFS VOR	301910.2S	1530715.2E	---/212			
3	BANDA	304759.3S	1523423.4E	213/212	40.4	5000/5700	B
3	JOKER	312500.0S	1515148.0E	213/204	52.0	6200/6200	B
1	COOPA	314751.2S	1513154.6E	205/205	28.4	6700/6700	H
2	INOKE	320200.4S	1511929.2E	205/205	17.6	6700/6700	H
1	IGDAM	322954.7S	1505444.9E	205/---	34.9	6700/6700	H
ATS ROUTE J72 T/W							
3	NONOK	163754.1S	1282655.5E	---/014			
2	KU VOR	154631.7S	1284231.4E	014/031	53.3	3300/3300	B
2	JULUP	133312.8S	1301025.5E	030/030	157.7	2600/2600	B
1	WANGI	130747.6S	1302657.1E	030/030	30.0	2200/2100	B
2	DN VOR	122523.8S	1305423.3E	030/---	50.0	2200/2100	B
ATS ROUTE J89 T/W							
3	MA VOR	203952.6S	1392908.3E	---/117			
4	SARIK	220032.4S	1414545.5E	115/115	150.7	3400/3400	B
3	LRE NDB	232542.3S	1441720.9E	113/109	163.8	2700/2700	B
2	PUDUR	242355.0S	1462922.1E	107/107	134.2	3900/3900	B
3	UNVAT	254809.9S	1495346.5E	104/---	203.7	5500/5500	B
ATS ROUTE J93 T/W							
2	LM VOR	221405.4S	1140538.9E	---/059			
3	ONSLO	213959.4S	1150643.4E	059/059	66.2	2100/2100	B
2	KA VOR	204254.3S	1164626.2E	058/079	109.2	2200/2200	B
2	PD VOR	202242.5S	1183721.8E	078/054	106.0	1900/1900	B
2	VEMTO	191000.0S	1202636.0E	053/054	125.9	1600/1900	B
4	BRM NDB	175646.7S	1221407.1E	053/076	125.5	1800/1500	B
2	CIN VOR	173519.6S	1235107.2E	075/064	95.0	1800/1800	B
2	MAMUT	162546.0S	1262553.3E	063/072	163.7	4300/4600	B
2	KU VOR	154631.7S	1284231.4E	071/---	137.2	4300/4000	B
ATS ROUTE J138 T/W							
2	NOKUN	125106.3S	1321154.0E	---/118			
2	IGUVI	132702.4S	1331432.2E	118/118	70.8	3300/3300	H
2	SURVO	152149.9S	1364006.5E	116/116	229.9	3300/3300	H
2	NTN NDB	174144.7S	1410422.9E	113/101	289.6	2300/2000	H
2	ONARA	181903.5S	1431546.8E	100/100	130.6	3500/4000	H
3	TL VOR	191439.1S	1464529.1E	098/---	206.5	5100/4900	H
ATS ROUTE J141 T/W							
3	KG VOR	304723.4S	1212710.0E	---/092			
2	SEVSI	305059.7S	1233737.0E	090/090	112.4	2900/3000	B
3	SEEMO	305220.7S	1255215.9E	088/088	115.9	2800/2900	B
2	FRT NDB	305117.6S	1280557.7E	086/088	115.1	2400/2100	B
3	BEZZA	305130.0S	1314830.0E	085/084	191.5	2400/2400	H
4	RUSAD	304909.8S	1334023.3E	083/083	96.4	2600/2600	H
2	LEC NDB	303555.4S	1382632.1E	079/102	247.0	3700/3700	H
3	SAPED	312107.3S	1410025.7E	100/100	139.8	5100/5100	H
2	NEWMO	320128.2S	1433100.0E	097/097	134.6	3000/3000	H
2	PKS VOR	330752.6S	1481414.3E	093/---	248.3	3300/3300	H
ATS ROUTE J142 T/W							
3	CB VOR	351653.2S	1491144.6E	---/246			
3	NONUP	352550.1S	1481755.8E	246/247	44.9	7000/8200	H
3	BORTO	362334.0S	1404430.5E	254/---	372.7	7000/8200	H
ATS ROUTE J149 T/W							
2	CDU NDB	320735.6S	1334337.0E	---/102			
3	ANITA	323823.6S	1354438.7E	100/100	107.0	2900/2900	B
3	WHA NDB	330329.2S	1373127.2E	098/---	93.4	2900/2900	B
ATS ROUTE J151 T/W							
3	CS VOR	165100.1S	1454438.0E	---/290			
1	ANDOP	162826.8S	1445806.9E	291/291	50.0	5900/5900	H
2	KOOKA	154249.8S	1432534.1E	291/292	100.0	5900/5900	H
2	AROXO	132810.7S	1390340.3E	294/294	287.2	2600/3300	H
3	GV VOR	121554.1S	1364859.1E	296/264	150.0	1800/1800	H
2	TUSTU	122041.5S	1342444.3E	266/266	141.3	2300/2500	B
3	IBOMU	122353.2S	1321606.3E	266/266	125.9	3300/2800	B
2	DN VOR	122523.8S	1305423.3E	267/230	80.0	2900/2100	B
1	HELLI	131434.6S	1294937.0E	230/230	80.0	1900/2200	B
1	IRPOM	140936.0S	1283612.0E	231/231	90.1	1500/2500	B
2	SUNPO	145158.1S	1273857.7E	231/231	69.7	3000/3300	B
5	JATAR	162639.4S	1252821.4E	232/232	157.4	4500/4100	B
2	CIN VOR	173519.6S	1235107.2E	232/238	115.6	4500/4100	B
2	SAFIR	192200.0S	1203430.0E	240/240	215.0	2100/2400	B
2	PD VOR	202242.5S	1183721.8E	241/---	125.9	2400/1700	B
ATS ROUTE J163 T/W							
2	TASUM	425049.6S	1473136.0E	---/352			
1	VEKLO	420515.1S	1473952.6E	352/352	46.0	4200/5000	B
2	NUNPA	400544.3S	1480053.4E	353/357	120.5	6700/6700	B
1	MAKRL	382952.2S	1482528.0E	357/357	97.7	2900/2900	H
3	CB VOR	351653.2S	1491144.6E	358/---	196.3	8700/7500	H
ATS ROUTE J174 T/W							
2	MEK VOR	263625.3S	1183157.0E	---/000			
2	MAMUB	231639.1S	1183454.4E	000/000	199.2	5500/5500	L
2	PD VOR	202242.5S	1183721.8E	360/---	173.3	5500/5500	L
ATS ROUTE J184 T/W							
2	TL VOR	191439.1S	1464529.1E	---/250			
1	ALBEE	192241.8S	1460822.3E	250/250	36.0	4200/4900	B
2	WISKA	193431.6S	1451230.5E	251/251	54.1	4100/4900	B
2	OKODU	195858.8S	1431125.0E	252/252	116.8	5000/5000	B
3	PENAR	202116.5S	1411355.8E	253/253	112.7	4400/4400	B
3	MA VOR	203952.6S	1392908.3E	254/---	100.1	3500/3500	B
ATS ROUTE J199 T/W							
2	MAKNI	101851.9S	1253331.3E	093/093	110.8	0/0	H
2	IKUMA	102548.0S	1270806.0E	093/092	93.5	1500/1900	H
2	TATAP	104539.5S	1331520.6E	090/090	362.2	1900/1900	H
2	NOPAG	105156.7S	1355229.1E	089/089	154.8	1700/1700	H
3	ROOKI	105649.7S	1391216.3E	087/087	196.6	1700/1700	H
2	PEBTA	105750.6S	1401030.7E	087/---	57.3	1500/1500	H
ATS ROUTE J208 T/W							
3	BN VOR	272157.9S	1530821.2E	---/120			
1	POODL	273112.9S	1532019.8E	120/119	14.1	2200/5300	H
1	SCOTT	275206.0S	1534800.0E	119/118	32.2	2200/5300	H
2	KIBAT	285805.3S	1551853.7E	117/117	103.7	1500/5300	H
2	LHI NDB	313144.1S	1590422.6E	113/---	248.2	4500/4500	H
ATS ROUTE J251 T/W							
2	DN VOR	122523.8S	1305423.3E	---/144			
2	LAKUP	130610.5S	1312239.9E	143/143	49.1	2600/2600	B
1	ANGED	133555.8S	1314325.8E	143/143	35.9	2600/2600	B
4	TN VOR	143109.1S	1322215.6E	143/169	66.7	2600/2600	B
3	BONES	161043.4S	1323741.0E	168/168	100.3	2400/2500	B
2	GREGA	170020.2S	1324528.0E	168/168	50.0	2400/2500	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	RUPUS	211925.3S	1332729.1E	167/167	261.1	4200/3800	B
2	AS VOR	234734.4S	1335241.6E	167/155	149.5	5500/5000	B
3	SADEL	250224.0S	1342300.0E	155/155	79.6	4000/4000	B
2	SOTMI	265530.0S	1351012.0E	154/154	120.5	3000/3100	B
3	GOMUL	273316.5S	1352629.5E	153/156	40.4	2400/2400	B
5	CARTS	294116.1S	1361421.3E	155/155	134.4	2800/2800	B
4	WR NDB	310836.5S	1364829.7E	154/156	92.0	2200/2200	B
1	OJJAY	322840.1S	1371813.9E	155/155	83.8	2500/2500	B
3	WHA NDB	330329.2S	1373127.2E	155/---	36.5	2500/2500	B
ATS ROUTE J328 T/W							
2	ISTEM	243551.2S	1602300.1E	---/199			
4	MISLY	304941.4S	1555331.5E	201/191	442.8	0/0	H
2	BISAB	320757.7S	1551238.2E	191/---	85.6	0/0	H
ATS ROUTE J400 T/W							
4	BRM NDB	175646.7S	1221407.1E	---/283			
3	AKRUM	171400.9S	1192059.8E	284/284	170.8	0/0	B
2	ISKAN	165234.1S	1175814.6E	284/284	82.1	0/0	B
3	SUMPA	163142.5S	1164001.7E	285/285	77.9	0/0	B
3	UPTAM	154720.8S	1140015.3E	286/286	160.0	0/0	B
2	METAB	150128.0S	1112305.1E	286/279	158.6	0/0	B
3	MALBI	142959.2S	1082703.8E	280/280	173.4	0/0	B
3	PUBAR	135812.8S	1052950.9E	281/281	175.0	0/0	B
3	PAKLA	132417.8S	1023328.2E	282/282	175.0	0/0	B
3	JUSAN	124820.1S	0993756.5E	283/283	175.0	0/0	B
3	CC VOR	121202.0S	0965027.3E	284/---	167.8	0/0	B
ATS ROUTE J401 T/W							
2	HID NDB	103531.4S	1421733.2E	---/171			
2	GOPMI	132124.7S	1423200.9E	170/170	165.8	0/0	H
2	BEPKU	174607.5S	1425549.5E	169/169	264.6	0/0	H
2	RENAK	215849.0S	1431941.0E	168/---	252.7	0/0	H
ATS ROUTE J917 T/W							
3	CS VOR	165100.1S	1454438.0E	---/043			
2	TENCH	145346.6S	1480341.8E	042/042	177.7	3500/4100	H
2	TICAL	120000.0S	1512231.1E	041/---	259.7	1500/1500	H
ATS ROUTE L503 T/W							
4	RUNOD	360925.0S	1630000.0E	300/299	469.9	0/0	H
2	ELPIB	332050.6S	1594932.5E	303/303	230.1	0/0	H
3	UPSAD	310031.1S	1572348.5E	306/306	186.8	0/0	H
4	SIFRA	294804.9S	1561224.6E	307/307	95.0	0/0	H
1	WODAY	285504.0S	1552137.5E	308/308	69.0	0/0	H
2	SAVER	273110.7S	1540335.7E	309/---	108.4	0/0	H
ATS ROUTE L508 T/W							
4	OMKIN	422452.0S	1630000.0E	261/261	202.0	0/0	H
4	KAGRI	412754.3S	1575000.5E	266/266	238.2	0/0	H
4	ECKHO	393928.2S	1503103.9E	275/275	351.5	0/0	H
1	TASIS	381256.1S	1455337.3E	281/---	233.1	0/0	H
ATS ROUTE L511 O/W							
2	SBR VOR	072226.2S	1124616.4E	---/138			
4	BOPLO	120000.0S	1165506.0E	137/---	369.7	0/0	H
ATS ROUTE L513 T/W							
4	TAPAX	361818.0S	1250000.0E	---/116			
4	TEKUP	381524.0S	1300000.0E	110/110	266.4	0/0	H
4	TAGOD	395430.0S	1350000.0E	104/104	253.7	0/0	H
4	TUNGO	413112.0S	1410000.0E	096/096	290.2	0/0	H
2	TASUM	425049.6S	1473136.0E	087/068	301.7	0/0	H
4	HEWIT	423000.6S	1505528.6E	064/064	151.8	0/0	H
4	KAGRI	412754.3S	1575000.5E	057/057	315.2	0/0	H
3	TUVBI	405355.8S	1604237.1E	055/054	134.7	0/0	H
4	MIDAT	402158.0S	1630000.0E	052/052	109.4	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE L514 O/W							
4	EGATU	120000.0S	1160536.0E	---/175			
3	VEDKI	144742.5S	1161913.2E	175/175	167.5	0/0	H
2	MAPTU	152003.5S	1162153.1E	175/175	32.3	0/0	H
2	OSOTO	180715.4S	1163553.9E	175/175	167.1	0/0	H
3	MUNNI	211233.8S	1165157.9E	175/181	185.2	0/0	H
2	GUTLI	240636.6S	1164749.9E	181/181	173.5	0/0	B
4	BANKS	250112.0S	1164630.0E	181/181	54.4	0/0	B
3	IGASO	263818.5S	1164404.4E	181/181	96.8	0/0	B
2	PALTI	275109.0S	1164212.6E	182/182	72.7	0/0	B
1	OTGOM	282001.3S	1164127.6E	182/182	28.8	0/0	B
2	TOPIR	291100.0S	1164007.1E	182/182	50.9	0/0	B
1	AVPAL	303312.5S	1163754.4E	182/---	82.0	0/0	H
ATS ROUTE L521 O/W							
3	TESAT	335637.7S	1511057.3E	---/097			
3	EVONN	341142.7S	1520152.3E	096/096	44.9	0/0	H
2	GEROS	350105.5S	1545954.6E	093/093	155.0	0/0	H
4	REPUD	354650.9S	1580455.3E	090/086	158.0	0/0	H
4	LEGAN	363124.7S	1630000.0E	081/081	243.0	0/0	H
ATS ROUTE L774 T/W							
4	LELED	111636.0S	0750000.0E	---/067			
2	UBNIS	081618.0S	0800000.0E	064/064	346.3	0/0	H
4	IDEVI	061300.0S	0831854.0E	062/062	232.7	0/0	H
3	DAOVO	025218.0S	0883542.0E	060/060	374.1	0/0	H
4	ELATI	020000.0S	0895742.0E	059/060	97.2	0/0	H
ATS ROUTE L894 T/W							
2	DADAR	020000.0S	0792706.0E	140/140	126.0	0/0	H
3	KAMUN	033018.0S	0805330.0E	140/142	124.7	0/0	H
4	IDEVI	061300.0S	0831854.0E	142/138	217.4	0/0	H
4	SAKEG	081016.8S	0852003.6E	138/138	167.7	0/0	H
2	RUNUT	134937.3S	0912250.0E	137/137	491.2	0/0	H
4	POLUM	200000.0S	0983248.1E	134/134	553.0	0/0	H
2	SINAM	260000.0S	1062905.8E	130/130	567.0	0/0	H
4	MERIB	300400.0S	1124506.0E	127/---	412.1	0/0	H
ATS ROUTE M625 T/W							
2	TOMAR	410814.5S	1630000.0E	254/256	334.6	0/0	H
4	BOTGU	402240.8S	1564645.0E	263/263	287.2	0/0	H
4	GIVID	391412.4S	1502737.4E	270/269	300.0	0/0	H
1	ELNIV	383622.2S	1473159.6E	273/273	142.2	0/0	H
1	TASIS	381256.1S	1455337.3E	275/---	80.8	0/0	H
ATS ROUTE M636 T/W							
4	SASRO	383451.0S	1630000.0E	272/273	369.2	0/0	H
2	VELKU	370421.0S	1583000.2E	277/277	232.2	0/0	H
4	PLUGA	353626.6S	1544119.8E	282/284	204.5	0/0	H
2	CAWLY	341934.4S	1515728.4E	287/287	155.0	0/0	H
3	TESAT	335637.7S	1511057.3E	288/---	44.9	0/0	H
ATS ROUTE M639 T/W							
2	SAVER	273110.7S	1540335.7E	---/122			
1	NETTY	284350.4S	1553034.4E	121/121	105.7	0/0	H
2	LHI NDB	313144.1S	1590422.6E	117/118	249.8	0/0	H
4	VEPAS	342447.0S	1630000.0E	113/113	262.9	0/0	H
ATS ROUTE M641 T/W							
4	DOGAR	020000.0S	0875100.0E	141/141	134.4	0/0	H
4	PIBED	052012.0S	0904400.0E	141/141	263.8	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	140/143	547.3	1500/1500	H
4	IKASA	200000.0S	1032909.6E	141/141	603.5	1500/1500	H
2	UXORA	260000.0S	1091343.7E	139/145	479.2	1500/1500	H
4	MERIB	300400.0S	1124506.0E	144/---	306.9	1500/1500	H

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1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE M643 T/W							
2	ELGUN	432654.8S	1630000.0E	245/245	172.6	0/0	
4	FONLO	432852.1S	1574628.3E	251/251	228.3	0/0	H
4	PECOB	430942.7S	1505613.1E	258/258	300.0	0/0	H
2	TASUM	425049.6S	1473136.0E	263/---	151.3	0/0	H
ATS ROUTE M766 T/W							
4	SATNA	110412.0S	1243412.0E	102/101	277.4	0/0	H
2	IDOTO	113106.0S	1263848.4E	101/101	125.3	0/0	H
2	LARAB	120403.6S	1291133.4E	100/100	153.4	0/0	H
1	JACKI	120845.1S	1293425.9E	100/100	22.9	0/0	H
2	DN VOR	122523.8S	1305423.3E	100/---	80.0	0/0	H
ATS ROUTE M768 T/W							
4	ELBIS	090518.0S	1274342.0E	136/136	84.1	0/0	
2	AVMAN	103558.0S	1290920.0E	135/139	123.7	0/0	H
2	ANUPA	113051.6S	1295424.7E	139/131	70.4	0/0	H
2	DN VOR	122523.8S	1305423.3E	130/---	80.0	0/0	B
ATS ROUTE N509 T/W							
2	PD VOR	202242.5S	1183721.8E	---/299			
2	TIMET	190741.0S	1161917.1E	300/300	150.2	1600/2100	H
2	DECEM	164605.4S	1121208.8E	301/301	274.6	1500/1500	H
4	TANEM	153108.0S	1100712.2E	302/301	141.5	1500/1500	H
3	MALBI	142959.2S	1082703.8E	302/302	114.5	1500/1500	H
4	TATOD	105906.0S	1025842.0E	304/304	383.4	1500/1500	H
4	MUTMI	040800.0S	0925842.0E	307/307	722.5	1500/1500	H
4	ELATI	020000.0S	0895742.0E	307/---	221.4	1500/1500	H
ATS ROUTE N584 T/W							
4	SAKBI	350558.3S	1591141.2E	---/318			
4	SIFRA	294804.9S	1561224.6E	322/294	351.6	0/0	H
2	LAMSI	282628.0S	1541137.6E	296/---	133.5	0/0	H
ATS ROUTE N628 T/W							
3	DADAR	020000.0S	0792706.0E	268/268	328.3	0/0	H
2	SABEK	020833.0S	0775337.0E	269/269	94.0	0/0	H
ATS ROUTE N633 T/W							
4	POSOD	032930.0S	0940954.0E	243/243	240.0	0/0	H
4	PIBED	052012.0S	0904400.0E	244/244	233.3	0/0	H
4	SAKEG	081016.8S	0852003.6E	247/247	364.0	0/0	H
3	PANDU	113806.0S	0782636.0E	251/251	457.4	0/0	H
4	PEDPI	131636.0S	0750000.0E	253/---	224.7	0/0	H
ATS ROUTE N640 T/W							
4	ELATI	020000.0S	0895742.0E	135/134	84.7	0/0	H
2	PIPOV	042206.0S	0923230.0E	134/134	209.7	1500/1500	H
4	EMVAS	112812.0S	1002942.0E	132/132	635.4	1500/1500	H
4	EGAVI	182924.0S	1090224.0E	129/129	649.5	1500/1500	H
3	TARAK	204545.4S	1120306.6E	128/128	218.0	1500/1500	H
2	LM VOR	221405.4S	1140538.9E	127/139	144.2	2500/2500	H
4	BANKS	250112.0S	1164630.0E	138/125	222.6	5000/5000	H
2	NOPED	263631.2S	1192012.3E	123/117	168.1	5000/5000	H
2	EKUNO	290046.1S	1244209.0E	113/121	319.6	3600/3600	H
2	FRT NDB	305117.6S	1280557.7E	118/117	208.6	3300/3300	H
4	ISLAV	325137.7S	1322047.6E	113/113	248.0	2000/2000	H
2	KAMBI	340805.6S	1352023.3E	110/101	168.5	2200/2200	H
3	LUVOK	343053.2S	1364653.4E	100/100	75.2	2500/2600	B
1	ATNAR	344402.4S	1373902.7E	099/099	45.0	2100/2000	B
3	AD VOR	345649.1S	1383128.3E	098/---	45.0	2100/2000	B
ATS ROUTE N750 T/W							
4	SULON	395131.0S	1630000.0E	280/280	326.0	0/0	H
2	BOKED	373140.4S	1581109.9E	286/286	265.8	0/0	H
4	PLUGA	353626.6S	1544119.8E	290/---	204.5	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE N752 O/W							
1	AVNEX	304844.7S	1155137.6E	---/319			
2	POKIP	290218.0S	1140118.0E	320/341	143.1	0/0	H
2	NONOG	251727.9S	1122738.4E	341/341	239.2	0/0	H
4	UPNOT	183922.3S	1095541.7E	341/341	421.0	0/0	H
3	MALBI	142959.2S	1082703.8E	341/341	262.5	0/0	H
4	ATMAL	120000.0S	1073530.0E	341/341	157.6	0/0	H
ATS ROUTE N759 T/W							
3	ML VOR	373936.5S	1445031.2E	---/085			
1	BADGR	374306.0S	1452800.0E	084/087	30.0	0/0	H
1	ANGEX	374741.8S	1460527.6E	086/086	30.1	0/0	H
4	GEMAC	381325.8S	1501930.5E	082/082	202.4	0/0	H
4	MIKEG	383544.8S	1573204.7E	074/074	340.6	0/0	H
4	SASRO	383451.0S	1630000.0E	069/069	257.1	0/0	H
ATS ROUTE N774 O/W							
4	OLREL	353903.0S	1630000.0E	262/262	379.2	0/0	H
2	AKALU	342230.5S	1550950.1E	269/263	393.6	0/0	H
1	NONID	341428.6S	1535449.2E	264/264	62.7	0/0	H
1	SAPOX	340750.0S	1525745.0E	265/265	47.8	0/0	H
1	RIKNI	340455.6S	1523355.8E	265/263	20.0	0/0	H
1	MARLN	340205.0S	1520402.1E	263/264	25.0	0/0	H
1	BIKUS	340020.3S	1514645.5E	264/264	14.5	0/0	H
1	WHALE	335905.6S	1513441.5E	264/264	10.1	0/0	H
1	PRAWN	335750.7S	1512245.7E	264/264	10.0	0/0	H
1	DIPPA	335729.5S	1511926.0E	264/264	2.8	0/0	H
1	TESAT	335637.7S	1511057.3E	264/---	7.1	0/0	H
ATS ROUTE P627 T/W							
4	KADAP	020000.0S	0840936.0E	236/236	54.9	0/0	H
4	KABTA	055430.0S	0790000.0E	238/238	387.5	0/0	H
4	KALBI	085218.0S	0750000.0E	240/---	296.9	0/0	H
ATS ROUTE P753 T/W							
1	RAZZI	380100.0S	1451842.0E	---/101			
1	TASIS	381256.1S	1455337.3E	101/107	30.0	0/0	H
4	DADAD	400842.8S	1503506.2E	101/100	247.5	0/0	H
4	SMIFF	420930.8S	1563847.5E	092/092	300.0	0/0	H
4	BUGBA	434856.0S	1630000.0E	085/085	296.8	0/0	H
ATS ROUTE P766 T/W							
4	TONIM	360153.7S	1542045.9E	---/121			
4	MIKEG	383544.8S	1573204.7E	117/117	216.5	0/0	H
4	OMKIN	422452.0S	1630000.0E	109/108	339.0	0/0	H
ATS ROUTE P880 T/W							
4	NUMSA	392511.0S	1630000.0E	304/304	291.2	0/0	H
4	SAKBI	350558.3S	1591141.2E	310/310	316.5	0/0	H
4	MISLY	304941.4S	1555331.5E	315/315	305.3	0/0	H
2	LAMSI	282628.0S	1541137.6E	317/317	168.2	0/0	H
1	SCOTT	275206.0S	1534800.0E	317/---	40.1	0/0	H
ATS ROUTE Q3 O/W							
1	UPDAK	335327.1S	1504305.6E	---/308			
1	DUBSU	333532.0S	1502521.0E	308/---	23.2	4900/0	B
ATS ROUTE Q4 O/W							
1	SANEG	274904.2S	1530238.3E	---/210			
3	OSTAM	282247.0S	1522907.0E	210/221	44.8	0/0	B
3	BOBOP	285553.9S	1514050.3E	221/222	53.8	0/0	B
2	TAXEG	291323.1S	1511413.2E	222/223	29.1	0/0	B
1	PAVBI	293838.3S	1503406.8E	223/257	43.1	0/0	B
1	OVNOM	293912.8S	1500604.6E	258/258	24.4	0/0	B
1	IDBUG	294021.7S	1483941.2E	259/231	75.3	0/0	B
1	RUXIB	301436.9S	1472607.8E	232/217	72.5	0/0	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	MIA VOR	341330.7S	1420438.2E	221/238	362.1	0/0	B
3	WOONA	344407.6S	1403159.1E	240/---	82.5	0/0	B
ATS ROUTE Q6 O/W							
3	SANEG	274904.2S	1530238.3E	---/200			
1	POSUT	300639.5S	1512533.0E	201/---	161.5	6300/0	B
ATS ROUTE Q7 O/W							
2	PBO VOR	231021.4S	1174413.3E	---/183			
3	ISDOR	260754.0S	1173223.4E	183/---	177.3	0/0	B
ATS ROUTE Q8 O/W							
1	AREPA	343427.7S	1375111.0E	---/310			
3	AKDAV	330146.5S	1361212.9E	312/---	123.9	0/0	H
ATS ROUTE Q9 O/W							
2	PD VOR	202242.5S	1183721.8E	---/189			
3	GOOTA	220138.0S	1181918.7E	189/189	100.0	0/0	B
2	TUREK	231348.6S	1180552.3E	189/189	73.0	0/0	H
3	ISDOR	260754.0S	1173223.4E	190/190	176.2	0/0	H
2	RULVI	275013.3S	1171155.2E	190/190	103.7	0/0	H
1	ELGAT	282708.3S	1170421.4E	191/191	37.4	0/0	H
1	AVPAL	303312.5S	1163754.4E	192/---	127.9	0/0	H
ATS ROUTE Q10 O/W							
2	MUBID	321140.1S	1214756.6E	---/265			
1	URGEX	321727.4S	1195121.0E	267/267	99.1	0/0	H
1	NODEV	322013.6S	1183621.3E	269/269	63.6	0/0	H
1	MALUP	322150.0S	1173922.2E	269/---	48.3	0/0	H
ATS ROUTE Q11 O/W							
2	SUGAB	284629.0S	1191312.2E	---/235			
2	NOMAV	291203.9S	1183136.4E	235/---	44.5	0/0	H
ATS ROUTE Q13 O/W							
1	TEEVE	334346.7S	1495350.9E	---/315			
1	BTH NDB	332450.6S	1493925.2E	315/---	22.4	5500/0	L
ATS ROUTE Q15 O/W							
1	OMLAV	342101.2S	1510758.0E	---/221			
2	WOL NDB	343328.6S	1504727.6E	221/---	21.0	0/0	H
ATS ROUTE Q16 O/W							
3	GOMOL	281008.2S	1533014.7E	---/218			
1	APAGI	285056.0S	1523507.1E	219/219	63.4	0/0	H
1	ISKIM	293056.7S	1513947.0E	219/251	62.8	0/0	H
1	PAVBI	293838.3S	1503406.8E	252/223	57.8	0/0	H
1	OLKUR	295351.5S	1500937.2E	224/224	26.2	0/0	H
1	OBKOB	304408.6S	1484653.1E	225/225	87.4	0/0	H
2	LOSPI	310817.7S	1480606.1E	225/226	42.6	0/0	H
1	VENEL	332824.4S	1434624.5E	229/232	260.7	0/0	H
4	MIA VOR	341330.7S	1420438.2E	233/---	96.0	0/0	H
ATS ROUTE Q17 O/W							
1	PH VOR	315642.2S	1155733.2E	---/350			
1	OTLED	304952.0S	1154203.0E	350/336	68.0	0/0	L
1	ONGAR	291200.3S	1144755.0E	336/---	108.3	0/0	L
ATS ROUTE Q18 O/W							
1	UPDAK	335327.1S	1504305.6E	---/176			
1	TONTO	341733.7S	1503841.9E	176/---	24.3	2800/0	B
ATS ROUTE Q20 O/W							
1	AVNEX	304844.7S	1155137.6E	---/331			
1	ONGAR	291200.3S	1144755.0E	332/---	111.2	0/0	H
ATS ROUTE Q22 O/W							
1	BORTO	362334.0S	1404430.5E	---/262			
2	OTBOK	360833.3S	1350000.0E	268/268	279.0	0/0	H
2	NODUR	355112.0S	1313000.0E	272/---	171.3	0/0	H
ATS ROUTE Q23 O/W							
4	TN VOR	143109.1S	1322215.6E	---/348			
1	NOLEK	141249.0S	1321919.0E	349/323	18.5	0/0	B
1	STOES	132654.9S	1314704.5E	323/323	55.4	0/0	B
1	ALLEE	130150.0S	1312934.0E	323/323	30.3	0/0	B
2	VEGPU	123959.9S	1311422.7E	324/324	26.3	0/0	B
1	ITTSA	123632.5S	1311158.7E	324/301	4.2	0/0	B
2	DN VOR	122523.8S	1305423.3E	301/---	20.5	0/0	B
ATS ROUTE Q24 O/W							
1	GUDSO	261644.8S	1530614.3E	---/334			
1	TERUV	253741.8S	1525429.3E	334/327	40.3	0/0	H
2	KELPI	223410.2S	1513511.6E	329/---	196.8	0/0	H
ATS ROUTE Q25 O/W							
2	BIDAP	242404.6S	1231444.3E	---/219			
3	SOVMU	264754.0S	1205730.3E	220/220	189.6	0/0	H
2	NOMAV	291203.9S	1183136.4E	223/235	193.2	0/0	H
1	COPDI	293319.7S	1175629.5E	236/236	37.3	0/0	H
1	DALWU	301440.6S	1164643.6E	237/---	73.3	0/0	H
ATS ROUTE Q27 O/W							
4	TAPAX	361818.0S	1250000.0E	---/296			
3	MOLGA	340218.0S	1200054.0E	301/301	280.2	0/0	H
1	IVPIL	335017.8S	1193627.3E	301/301	23.6	0/0	H
2	TAMOD	331606.0S	1182818.0E	302/324	66.4	0/0	H
1	MALUP	322150.0S	1173922.2E	324/---	68.1	0/0	H
ATS ROUTE Q28 O/W							
1	UPDAK	335327.1S	1504305.6E	---/270			
1	TEEVE	334346.7S	1495350.9E	271/280	42.2	5800/0	B
1	PKS VOR	330752.6S	1481414.3E	282/---	90.7	5800/0	B
ATS ROUTE Q29 O/W							
1	LEECE	350315.1S	1495737.3E	---/221			
1	TANTA	355250.4S	1483154.3E	223/223	85.8	0/0	H
1	ANLID	360704.0S	1480633.0E	223/223	25.0	0/0	H
1	RUMIE	361947.3S	1474342.5E	223/223	22.4	0/0	H
1	NABBA	364219.2S	1470231.4E	224/224	40.1	0/0	H
1	BULLA	370440.1S	1462049.6E	224/224	40.2	0/0	H
1	LUVAS	371821.5S	1455451.1E	225/225	24.9	0/0	H
1	BOOIN	372702.2S	1453816.8E	225/239	15.8	0/0	H
1	ML VOR	373936.5S	1445031.2E	240/---	40.0	0/0	H
ATS ROUTE Q30 O/W							
2	TL VOR	191439.1S	1464529.1E	---/177			
1	ANRUB	195921.5S	1464217.4E	176/182	44.6	3700/0	B
3	MATAR	220618.5S	1461849.5E	182/---	128.4	0/0	H
ATS ROUTE Q31 O/W							
1	KAPGA	225808.1S	1184849.0E	---/173			
3	MOPET	232254.8S	1185157.8E	173/193	24.9	0/0	H
2	ORESO	253027.0S	1181745.0E	193/195	130.9	0/0	H
3	BELEL	262803.8S	1175928.9E	196/196	59.8	0/0	H
2	AVMAS	275238.7S	1173204.4E	196/196	87.8	0/0	H
1	VEKBO	283142.0S	1171910.1E	197/197	40.6	0/0	H
1	AVPAL	303312.5S	1163754.4E	198/---	126.4	0/0	H
ATS ROUTE Q32 O/W							
1	BORLI	341458.0S	1460355.3E	---/257			
2	KAMBI	340805.6S	1352023.3E	267/267	533.6	0/0	H
2	ISRED	335306.0S	1313000.0E	271/271	192.1	0/0	H
2	ALBIX	333254.0S	1280000.0E	274/274	176.3	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	SUPAS	331054.0S	1250000.0E	277/277	152.3	0/0	H
1	DUNDA	324254.0S	1215200.0E	280/276	160.6	0/0	H
1	TEKUD	322919.0S	1194928.6E	278/278	104.4	0/0	H
1	NODEV	322013.6S	1183621.3E	279/---	62.6	0/0	H
ATS ROUTE Q33 O/W							
3	AD VOR	345649.1S	1383128.3E	---/256			
1	GILES	350017.7S	1374752.1E	257/257	36.0	0/0	H
2	LONLY	351112.0S	1350000.0E	260/265	138.2	0/0	H
2	LESON	350312.0S	1313000.0E	269/272	172.4	0/0	H
2	LOTGI	343900.0S	1280000.0E	276/276	174.5	0/0	H
2	LUCRE	341318.0S	1250000.0E	279/279	151.1	0/0	H
3	ESP VOR	334050.1S	1214925.6E	282/---	161.8	0/0	H
ATS ROUTE Q35 O/W							
1	SU VOR	263551.7S	1530525.1E	---/122			
1	MOOLO	264932.3S	1532145.3E	122/170	20.0	0/0	H
1	MUDDL	272216.0S	1532047.0E	170/200	32.6	0/0	H
3	SANEG	274904.2S	1530238.3E	200/204	31.2	0/0	H
1	ISKIM	293056.7S	1513947.0E	205/198	125.0	0/0	H
1	OSOTI	300009.9S	1512045.4E	198/198	33.5	0/0	H
1	EKABO	310355.0S	1503828.7E	198/210	73.3	0/0	H
1	OSRAR	315034.0S	1494929.6E	211/214	62.6	0/0	H
2	SPIES	322538.5S	1490647.9E	215/215	50.4	0/0	H
2	PKS VOR	330752.6S	1481414.3E	215/206	61.2	0/0	H
1	DUBED	353630.1S	1455205.7E	208/208	189.3	0/0	H
1	ORINO	363947.3S	1444800.2E	208/208	81.8	0/0	H
1	DORSU	364824.0S	1443906.0E	208/---	11.2	0/0	H
ATS ROUTE Q36 O/W							
3	PULOL	242716.2S	1364543.8E	---/254			
1	ANGAS	250758.5S	1322622.2E	257/---	239.5	0/0	H
ATS ROUTE Q38 O/W							
4	BRM NDB	175646.7S	1221407.1E	---/212			
1	BUDLO	184705.8S	1213926.3E	212/194	60.0	0/0	B
2	LOTVI	194859.1S	1212053.0E	195/200	64.1	0/0	B
4	NWN VOR	232515.9S	1194810.9E	201/200	232.2	0/0	B
3	OPALL	263443.0S	1182708.2E	201/201	202.7	0/0	H
2	UNVAX	275455.3S	1175123.2E	202/202	86.1	0/0	H
1	SOVTO	283551.3S	1173245.6E	202/202	44.0	0/0	H
1	DALWU	301440.6S	1164643.6E	203/203	106.5	0/0	H
1	AVPAL	303312.5S	1163754.4E	203/200	20.0	0/0	H
1	HINDS	304741.6S	1163216.5E	200/200	15.2	0/0	H
1	CALIG	310159.9S	1162641.0E	200/200	15.1	0/0	H
2	JULIM	312458.6S	1161738.4E	200/210	24.2	0/0	H
1	WOORA	314511.2S	1160441.3E	210/209	23.0	0/0	H
1	PH VOR	315642.2S	1155733.2E	210/---	13.0	0/0	H
ATS ROUTE Q39 O/W							
2	DUBUD	290030.4S	1564139.0E	---/289			
1	GATER	282655.4S	1554104.0E	290/290	62.9	0/0	H
2	SAVER	273110.7S	1540335.7E	292/---	102.6	0/0	H
ATS ROUTE Q41 O/W							
2	AYE NDB	251021.7S	1305829.3E	---/230			
2	SAROK	262339.3S	1290424.8E	232/232	126.3	0/0	H
3	BUNNY	273248.6S	1271212.9E	233/233	121.7	0/0	H
4	EKUNO	290046.1S	1244209.0E	235/235	158.9	0/0	H
3	KG VOR	304723.4S	1212710.0E	238/238	200.1	0/0	H
2	NALAR	311834.4S	1202718.6E	239/246	60.1	0/0	H
1	KINAB	313516.0S	1194302.4E	247/247	41.4	0/0	H
1	IGROB	314911.3S	1190522.6E	247/247	35.0	0/0	H
1	BIRER	320417.9S	1182342.3E	248/246	38.5	0/0	H
1	MALUP	322150.0S	1173922.2E	246/---	41.5	0/0	H
ATS ROUTE Q42 O/W							
1	IDBUG	294021.7S	1483941.2E	---/254			
2	ANROM	294733.6S	1470618.9E	255/---	81.6	0/0	H
ATS ROUTE Q46 O/W							
1	BORTO	362334.0S	1404430.5E	---/268			
2	DONBU	353859.0S	1350000.0E	274/274	282.9	0/0	H
2	LESON	350312.0S	1313000.0E	278/---	175.4	0/0	H
ATS ROUTE Q47 O/W							
3	GOMOL	281008.2S	1533014.7E	---/030			
3	SCOTT	275206.0S	1534800.0E	030/348	23.9	0/0	H
3	IDRAS	271600.5S	1534730.3E	348/322	36.0	0/0	H
3	ITIDE	264406.5S	1532923.7E	322/---	35.7	0/0	H
ATS ROUTE Q50 O/W							
2	EML NDB	233402.8S	1481015.8E	---/196			
2	AKUMI	251414.1S	1471922.1E	196/193	110.1	0/0	H
2	MIMIB	274515.3S	1461218.8E	193/---	162.1	0/0	H
ATS ROUTE Q57 O/W							
2	IVRAD	264930.9S	1450509.4E	---/305			
2	DODRO	230527.2S	1405612.3E	309/311	317.9	0/0	H
2	NITUN	192054.8S	1372359.2E	314/314	298.9	0/0	H
2	MIGAX	160143.5S	1342644.9E	317/---	260.7	0/0	H
ATS ROUTE Q58 O/W							
1	APAGI	285056.0S	1523507.1E	---/207			
1	POSUT	300639.5S	1512533.0E	208/204	96.9	6300/0	B
1	EKABO	310355.0S	1503828.7E	204/199	70.1	5200/0	B
1	TIABB	311043.2S	1503351.6E	199/176	7.9	4500/0	B
1	LATAB	313530.6S	1502955.8E	176/167	25.0	3800/0	B
1	DAGVA	322904.5S	1503152.2E	166/166	53.5	4900/0	B
1	UKDUL	330119.4S	1503303.4E	166/125	32.2	5100/0	B
1	UNTAV	331738.1S	1505111.2E	124/178	22.3	3900/0	B
1	UPDAK	335327.1S	1504305.6E	178/---	36.4	2600/0	B
ATS ROUTE Q60 O/W							
1	WG VOR	350956.7S	1472808.7E	---/264			
1	TOBOB	345603.0S	1450448.6E	267/267	118.5	0/0	H
3	MAXEM	343805.9S	1423320.6E	269/256	126.0	0/0	H
3	WOONA	344407.6S	1403159.1E	258/258	100.3	0/0	H
1	KAKLU	344635.7S	1392443.9E	259/---	55.5	0/0	H
ATS ROUTE Q61 O/W							
2	OCTOB	110849.2S	1302937.7E	---/290			
2	AVMAN	103558.0S	1290920.0E	291/---	85.5	0/0	H
ATS ROUTE Q62 O/W							
2	DOVUB	255342.7S	1442006.7E	---/330			
2	NUMRI	221410.1S	1424549.3E	332/334	235.2	0/0	H
2	NTN NDB	174144.7S	1410422.9E	335/---	287.7	0/0	H
ATS ROUTE Q64 O/W							
2	LOAFA	250204.7S	1520638.6E	---/304			
1	OLDIB	240334.3S	1510023.1E	305/---	84.0	0/0	H
ATS ROUTE Q65 O/W							
1	ENVOS	284555.0S	1165817.0E	---/209			
1	IKEVA	291257.0S	1164112.0E	210/177	30.8	0/0	L
2	OVLUK	303538.6S	1164647.2E	178/---	82.6	0/0	L
ATS ROUTE Q67 O/W							
3	BN VOR	272157.9S	1530821.2E	---/357			
3	BIXAD	264127.6S	1531446.5E	357/332	40.8	0/0	H
3	GUDSO	261644.8S	1530614.3E	332/313	25.8	0/0	H
3	TAPET	260632.7S	1525753.9E	313/313	12.6	0/0	H
3	LOAFA	250204.7S	1520638.6E	314/314	79.2	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◮ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	GLA VOR	235154.9S	1511215.9E	315/320	85.8	0/0	H
3	RUNLA	221600.0S	1501124.0E	321/320	110.8	0/0	H
3	OVRON	202104.2S	1485721.2E	321/313	133.8	0/0	H
3	RUMKA	174712.5S	1464939.3E	315/315	195.2	0/0	H
3	BARIA	171248.0S	1462148.0E	315/315	43.4	0/0	H
3	UPOLO	164153.2S	1455657.9E	316/226	38.9	0/0	H
3	CS VOR	165100.1S	1454438.0E	226/---	14.9	0/0	H
ATS ROUTE Q69 O/W							
3	GOMOL	281008.2S	1533014.7E	---/348			
1	MAKRU	273144.0S	1532950.0E	348/348	38.3	0/0	H
1	IGBUS	271411.5S	1532940.3E	348/348	17.5	0/0	H
1	RULUN	265408.2S	1532929.2E	348/348	20.0	0/0	H
1	ITIDE	264406.5S	1532923.7E	348/280	10.0	0/0	H
1	BICKL	263927.3S	1531550.1E	280/280	13.0	0/0	H
1	SU VOR	263551.7S	1530525.1E	280/---	10.0	0/0	H
ATS ROUTE Q71 O/W							
1	ANRUB	195921.5S	1464217.4E	---/247			
3	EGOPI	201628.0S	1453551.5E	248/247	64.8	4400/0	L
2	DOBGO	203039.1S	1444357.7E	247/---	50.8	4400/0	L
ATS ROUTE Q73 O/W							
5	VALRA	214241.4S	1221248.0E	---/199			
2	NUBMO	250000.0S	1205351.8E	199/199	209.6	0/0	H
3	WLU NDB	263729.2S	1201312.0E	200/209	103.9	0/0	H
1	IGOKO	285635.9S	1184201.7E	211/211	160.6	0/0	H
2	NOMAV	291203.9S	1183136.4E	211/---	17.9	0/0	H
ATS ROUTE Q75 O/W							
2	OLTAS	125549.3S	1302738.0E	---/241			
1	HELLI	131434.6S	1294937.0E	241/---	41.5	0/0	B
ATS ROUTE Q76 O/W							
3	MNG VOR	365309.2S	1451139.2E	---/346			
1	TOBOB	345603.0S	1450448.6E	346/353	117.1	0/0	H
3	IBODA	320135.6S	1451905.1E	354/351	174.5	0/0	H
2	ISGEL	312242.3S	1452007.1E	352/352	38.8	0/0	H
4	PORIV	290000.1S	1452347.7E	352/352	142.4	0/0	H
2	OPAXA	271524.9S	1452622.9E	353/353	104.3	0/0	H
2	KANGI	235831.1S	1453102.6E	353/353	196.3	0/0	H
2	LAKOT	213024.1S	1453422.2E	354/354	147.6	0/0	H
2	LENBA	181650.7S	1453836.3E	354/344	192.9	0/0	H
1	NORMA	173946.2S	1453217.0E	344/344	37.4	0/0	H
3	NONUM	165500.7S	1452442.7E	344/---	45.2	0/0	H
ATS ROUTE Q78 O/W							
2	ADMAR	301922.0S	1515442.7E	---/181			
2	COOPA	314751.2S	1513154.6E	180/185	90.4	0/0	H
2	OLTIN	323307.7S	1511527.0E	185/---	47.3	0/0	H
ATS ROUTE Q79 O/W							
2	DOVUB	255342.7S	1442006.7E	---/339			
2	RENAK	215849.0S	1431941.0E	340/341	240.6	0/0	H
2	GULOP	154912.4S	1415522.4E	343/---	376.8	0/0	H
ATS ROUTE Q91 O/W							
2	DUMAV	135627.0S	1353544.6E	---/278			
1	RINLA	134029.9S	1341727.9E	279/279	77.8	0/0	B
2	IGUVI	132702.4S	1331432.2E	280/273	62.7	0/0	B
1	BEBEN	131925.3S	1315500.1E	273/303	77.9	0/0	B
1	ALLEE	130150.0S	1312934.0E	303/---	30.4	0/0	B
ATS ROUTE Q95 O/W							
2	SURVO	152149.9S	1364006.5E	---/290			
3	TRUKA	135826.5S	1332809.0E	292/290	203.8	0/0	H
1	BEBEN	131925.3S	1315500.1E	291/---	98.7	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Q141 O/W							
2	KABIX	301723.4S	1473217.5E	---/001			
2	UPTOD	290736.7S	1474755.4E	001/001	70.9	0/0	H
2	UBGAN	272011.7S	1481027.1E	001/002	109.0	0/0	H
2	DUPUG	260143.1S	1482753.5E	002/001	79.8	0/0	H
2	ESKUT	224853.3S	1490708.2E	002/349	195.5	0/0	H
3	NITIT	214238.7S	1490400.8E	349/347	66.1	0/0	H
3	OVRON	202104.2S	1485721.2E	348/---	81.5	0/0	H
ATS ROUTE Q144 O/W							
1	MEPEM	262554.3S	1554357.1E	---/241			
2	ATROP	265542.1S	1535606.2E	242/---	101.1	0/0	H
ATS ROUTE Q147 O/W							
2	KABIX	301723.4S	1473217.5E	---/348			
2	VEDPI	291108.0S	1472921.6E	348/348	66.1	0/0	H
2	AKUMI	251414.1S	1471922.1E	349/349	236.4	0/0	H
2	IBORI	221643.7S	1471218.2E	350/350	177.0	0/0	H
2	RIKVA	204217.9S	1470840.1E	350/338	94.2	0/0	H
2	VOMPA	194825.3S	1465418.1E	338/---	55.4	0/0	H
ATS ROUTE Q155 O/W							
1	SANAD	312311.0S	1512444.6E	---/188			
1	UBLOM	320352.4S	1510656.7E	188/200	43.3	0/0	B
1	ISREV	322822.4S	1504857.3E	200/170	28.8	0/0	B
1	DUUKE	325858.1S	1504753.2E	169/190	30.5	0/0	B
1	RUTOS	331447.6S	1504018.8E	190/---	17.0	0/0	B
ATS ROUTE Q158 O/W							
3	ML VOR	373936.5S	1445031.2E	---/263			
3	CRENA	371624.0S	1400454.0E	268/271	228.5	0/0	H
1	KROWS	364954.0S	1371542.0E	274/274	138.0	0/0	H
2	TOMUM	362530.0S	1350000.0E	276/274	111.9	0/0	H
2	NODUR	355112.0S	1313000.0E	277/277	173.5	0/0	H
2	COBEL	351006.0S	1280000.0E	281/281	176.3	0/0	H
2	CRICK	342930.0S	1250000.0E	284/284	153.6	0/0	H
3	ESP VOR	334050.1S	1214925.6E	288/289	165.6	0/0	H
1	ESMIN	325926.1S	1193410.4E	291/291	120.6	0/0	B
1	MALUP	322150.0S	1173922.2E	293/287	103.9	0/0	B
2	KABLI	321050.0S	1165400.2E	288/288	40.0	0/0	B
1	PH VOR	315642.2S	1155733.2E	288/---	50.0	0/0	B
ATS ROUTE Q165 O/W							
2	SULMI	281317.5S	1492314.9E	---/332			
2	ROM NDB	263235.1S	1484654.1E	333/336	105.5	0/0	H
1	VOMPA	194825.3S	1465418.1E	338/339	415.9	0/0	H
3	TL VOR	191439.1S	1464529.1E	339/---	34.7	0/0	H
ATS ROUTE Q168 O/W							
1	KEPPA	364747.7S	1435833.0E	---/300			
2	OPORI	354523.1S	1423058.5E	302/302	94.3	0/0	H
3	BOLAM	345855.6S	1412810.2E	303/303	69.2	0/0	H
1	KABEK	332318.6S	1392439.6E	305/307	140.0	0/0	H
4	WR NDB	310836.5S	1364829.7E	309/---	188.7	0/0	H
ATS ROUTE Q175 O/W							
2	LAKUP	130610.5S	1312239.9E	---/338			
1	IGBIR	125255.2S	1311752.8E	338/343	14.0	0/0	B
2	VEGPU	123959.9S	1311422.7E	343/---	13.3	0/0	B
ATS ROUTE Q181 O/W							
3	ISLIP	221738.5S	1192612.4E	---/192			
2	TAPIT	224235.5S	1191955.0E	192/192	25.5	0/0	H
3	KALSA	232638.9S	1190842.7E	192/193	45.1	0/0	H
2	BAXMN	253446.4S	1183427.7E	193/198	131.5	0/0	H
3	TODIK	275346.4S	1174135.8E	199/199	146.5	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◺

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	DUBUL	283346.2S	1172555.6E	199/199	42.2	0/0	H
1	AVPAL	303312.5S	1163754.4E	201/---	126.3	0/0	H
ATS ROUTE Q200 O/W							
1	VIROB	112548.5S	1280310.9E	---/280			
2	KILIK	111012.9S	1264812.1E	281/---	75.3	0/0	H
ATS ROUTE Q202 O/W							
1	BTH NDB	332450.6S	1493925.2E	---/175			
1	RUPEM	335322.1S	1493452.1E	175/---	28.7	5200/0	L
ATS ROUTE Q205 O/W							
1	LUVAS	371821.5S	1455451.1E	---/216			
1	COLDS	374239.5S	1452058.2E	216/---	36.3	0/0	H
ATS ROUTE Q209 O/W							
2	IDNER	285228.5S	1530252.7E	---/247			
1	PEDGO	285428.0S	1525106.0E	248/209	10.5	0/0	B
1	CLIFF	294203.4S	1520429.2E	209/---	62.6	0/0	B
ATS ROUTE Q215 O/W							
1	CB VOR	351653.2S	1491144.6E	---/209			
3	TANTA	355250.4S	1483154.3E	210/---	48.4	0/0	H
ATS ROUTE Q218 O/W							
1	PEDGO	285428.0S	1525106.0E	---/228			
1	ISKIM	293056.7S	1513947.0E	229/---	72.2	0/0	H
ATS ROUTE Q220 O/W							
3	DOSBO	135718.0S	1325012.2E	---/293			
1	STOES	132654.9S	1314704.5E	294/---	68.5	0/0	B
ATS ROUTE Q223 O/W							
1	TONTO	341733.7S	1503841.9E	---/223			
3	GLB NDB	344825.8S	1494413.8E	223/---	54.5	4300/0	B
ATS ROUTE Q226 O/W							
1	NONID	341428.6S	1535449.2E	---/295			
1	ASUVA	330414.0S	1521226.0E	297/297	110.5	1500/0	B
3	WLM NDB	324812.1S	1514943.6E	297/---	24.9	1600/0	B
ATS ROUTE Q238 O/W							
1	LASUD	320343.3S	1485234.1E	---/345			
1	IDNOB	310148.0S	1484808.0E	346/346	61.9	0/0	H
1	OBKOB	304408.6S	1484653.1E	346/346	17.7	0/0	H
2	ESLOM	290211.8S	1483949.9E	346/346	101.9	0/0	H
2	SGE NDB	280249.8S	1483549.8E	347/347	59.3	0/0	H
2	DUPUG	260143.1S	1482753.5E	347/---	121.0	0/0	H
ATS ROUTE Q293 O/W							
1	LASUD	320343.3S	1485234.1E	---/337			
1	IRSIL	310715.9S	1483856.5E	337/337	57.5	0/0	H
2	BINAG	290518.4S	1481025.2E	339/339	124.2	0/0	H
2	AKUMI	251414.1S	1471922.1E	340/---	234.9	0/0	H
ATS ROUTE Q295 O/W							
1	ITIDE	264406.5S	1532923.7E	---/312			
1	GUDSO	261644.8S	1530614.3E	312/324	34.3	0/0	H
1	SOSTU	253110.9S	1524235.8E	324/---	50.2	0/0	H
ATS ROUTE Q302 O/W							
4	GEMAC	381325.8S	1501930.5E	---/266			
1	RIMSU	373608.6S	1462805.2E	270/270	186.9	0/0	H
1	BOOIN	372702.2S	1453816.8E	271/---	40.7	0/0	H
ATS ROUTE Q303 O/W							
1	BIVAT	273231.4S	1515443.1E	---/337			

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	MESED	271837.2S	1515127.7E	337/285	14.2	0/0	B
3	IRMOX	264610.0S	1503701.0E	286/---	73.9	0/0	B
ATS ROUTE Q304 O/W							
1	DUBSU	333532.0S	1502521.0E	---/304			
1	BENBU	331148.0S	1495854.0E	305/304	32.4	5300/0	B
2	SPLIZ	324325.1S	1492651.0E	305/312	39.1	5100/0	B
1	LASUD	320343.3S	1485234.1E	313/---	49.1	4400/0	B
ATS ROUTE Q320 O/W							
1	JULIE	114745.7S	1294213.2E	---/281			
1	VIROB	112548.5S	1280310.9E	281/265	99.6	0/0	H
2	IDOTO	113106.0S	1263848.4E	265/---	83.0	0/0	H
ATS ROUTE Q327 O/W							
2	LM VOR	221405.4S	1140538.9E	---/350			
3	SOPAT	161634.4S	1130029.4E	350/---	361.4	0/0	H
ATS ROUTE Q401 O/W							
1	TEEVE	334346.7S	1495350.9E	---/255			
1	UVUPU	335032.1S	1423256.6E	262/---	367.5	0/0	H
ATS ROUTE Q404 O/W							
1	ADMAR	301922.0S	1515442.7E	---/194			
1	OMBUP	312116.9S	1511915.4E	195/196	68.9	0/0	H
1	ADMOD	315030.0S	1510115.0E	196/---	33.0	0/0	H
ATS ROUTE Q410 O/W							
1	MONDO	325636.2S	1511411.1E	---/232			
1	AKTEG	330210.8S	1510028.8E	232/221	12.8	3200/0	L
1	RUTOS	331447.6S	1504018.8E	221/---	21.1	3300/0	L
ATS ROUTE Q421 O/W							
2	LIKTO	265153.6S	1502338.5E	---/327			
2	UNVAT	254809.9S	1495346.5E	327/---	69.0	0/0	B
ATS ROUTE Q440 O/W							
3	WIZZA	274023.4S	1530254.9E	---/235			
1	ATLID	274611.8S	1524821.7E	235/235	14.2	0/0	H
1	CLEOS	275821.8S	1521733.9E	235/---	29.9	0/0	H
ATS ROUTE Q473 O/W							
1	IBUNA	270327.8S	1522831.8E	---/309			
1	IGUPI	262848.9S	1515541.6E	309/---	45.4	0/0	H
ATS ROUTE Q484 O/W							
1	BN VOR	272157.9S	1530821.2E	---/258			
2	SAMVI	272220.1S	1524437.4E	258/256	21.1	0/0	B
3	RUDEY	272309.3S	1522326.7E	257/268	18.9	0/0	B
3	MESED	271837.2S	1515127.7E	268/278	28.8	0/0	B
3	LIKTO	265153.6S	1502338.5E	279/272	82.8	0/0	B
3	ROM NDB	263235.1S	1484654.1E	273/---	88.7	0/0	B
ATS ROUTE Q489 O/W							
2	BISAB	320757.7S	1551238.2E	---/197			
2	AVNIB	323244.9S	1545503.2E	198/193	28.9	0/0	H
2	KEBAB	331621.0S	1542933.6E	193/193	48.5	0/0	H
4	WARTY	335423.3S	1540655.6E	193/193	42.4	0/0	H
2	NONID	341428.6S	1535449.2E	193/---	22.4	0/0	H
ATS ROUTE Q493 O/W							
1	RUNLA	221600.0S	1501124.0E	---/310			
1	EMSUP	220032.0S	1495704.3E	310/---	20.4	0/0	H
ATS ROUTE Q499 O/W							
1	VOMPA	194825.3S	1465418.1E	---/326			
1	ISNER	174105.1S	1454809.8E	327/327	141.5	0/0	H

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	NONUM	165500.7S	1452442.7E	328/---	51.1	0/0	H
	ATS ROUTE Q587 O/W						
2	ESDEG	291231.7S	1160124.9E	---/358			
2	WOLGO	274059.0S	1155528.9E	357/357	91.5	0/0	H
2	PADRY	231952.3S	1153924.8E	357/357	260.7	0/0	H
3	IGLUT	215629.1S	1153430.7E	357/357	83.2	0/0	H
2	OPOSA	185213.6S	1152400.3E	356/356	183.8	0/0	H
3	AUSGA	150232.1S	1151126.0E	356/356	229.1	0/0	H
2	METUM	140813.3S	1150831.8E	356/---	54.2	0/0	H
	ATS ROUTE Q601 O/W						
3	ADMOD	315030.0S	1510115.0E	---/188			
1	BOSUN	323137.0S	1504305.5E	189/---	43.8	4700/0	B
	ATS ROUTE Q607 O/W						
3	EMSOD	273332.0S	1514738.0E	---/166			
1	GUMBA	274408.0S	1514820.4E	166/163	10.6	0/0	L
2	UPMOG	280009.6S	1515023.4E	163/---	16.1	0/0	L
	ATS ROUTE Q872 O/W						
1	BIVAT	273231.4S	1515443.1E	---/177			
2	UPMOG	280009.6S	1515023.4E	177/158	27.8	0/0	L
3	IKEKO	283259.5S	1515747.8E	157/159	33.4	0/0	L
2	ALDAR	293548.0S	1521040.9E	158/---	63.7	0/0	L
	ATS ROUTE R204 T/W						
2	LIDIT	091800.0S	1422000.0E	174/177	204.1	16400/16400	H
3	HID NDB	103531.4S	1421733.2E	177/148	77.2	2600/2600	H
3	ABLOK	124304.4S	1432624.4E	147/147	143.8	3700/3700	B
2	KIMMI	143849.7S	1443008.9E	146/146	130.9	4200/4200	B
1	AVDAN	160658.6S	1451937.7E	145/145	99.9	6000/6000	B
3	CS VOR	165100.1S	1454438.0E	145/---	50.0	6000/6000	B
	ATS ROUTE R206 T/W						
4	XMX VOR	102548.8S	1054121.6E	196/130	114.3	0/0	H
4	ATMAL	120000.0S	1073530.0E	129/129	146.2	2300/2300	H
2	LATOX	132655.6S	1092316.0E	129/129	136.3	1500/1500	H
2	METAB	150128.0S	1112305.1E	128/128	149.7	1500/1500	H
2	ESMUM	185943.9S	1164023.1E	126/126	385.6	1500/1500	H
2	PD VOR	202242.5S	1183721.8E	126/---	137.9	2100/1600	H
	ATS ROUTE R210 T/W						
3	CS VOR	165100.1S	1454438.0E	---/005			
1	ZANEY	160144.3S	1455442.6E	005/005	50.0	3500/5900	H
2	PUPEB	142317.2S	1461434.2E	005/005	99.9	3500/5900	H
4	KAPSO	120000.0S	1464300.0E	005/005	145.3	1500/1500	H
	ATS ROUTE R212 T/W						
4	PIBED	052012.0S	0904400.0E	---/265			
4	IDEVI	061300.0S	0831854.0E	268/268	446.7	1500/1500	H
4	GUDUG	070436.0S	0750000.0E	270/---	499.1	1500/1500	H
	ATS ROUTE R213 T/W						
2	HOBBO	120000.0S	1530932.7E	214/214	164.7	3900/3900	H
2	ISPID	141051.4S	1511040.3E	214/212	174.4	3900/3900	H
2	WYNOT	161518.8S	1492419.3E	213/213	161.0	1500/1500	H
1	ABTOX	184712.9S	1471014.8E	213/213	198.2	1500/1500	H
2	TL VOR	191439.1S	1464529.1E	213/---	36.0	3200/3100	H
	ATS ROUTE R340 T/W						
2	SURVO	152149.9S	1364006.5E	---/320			
2	DUMAV	135627.0S	1353544.6E	321/321	105.5	2500/2500	H
3	IGOPO	115639.8S	1340705.8E	322/322	147.4	2900/2900	H
2	AVNOL	084927.5S	1315143.0E	323/323	229.2	3500/3500	H
4	GUTEV	080424.0S	1311936.0E	323/323	55.0	3500/3500	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE R346 T/W						
2	TOSAS	120000.0S	1470554.0E	177/177	72.8	1500/1500	H
4	BENKI	140000.0S	1470024.0E	176/176	119.6	1500/1500	H
3	EKOKU	161800.0S	1465354.0E	176/176	137.6	1500/1500	H
1	RUMKA	174712.5S	1464939.3E	176/176	88.9	5300/1500	H
1	AKROM	182113.7S	1464801.0E	176/175	33.9	5300/1500	H
3	TL VOR	191439.1S	1464529.1E	175/---	53.3	5200/3200	H
	ATS ROUTE R348 T/W						
4	KADAP	020000.0S	0840936.0E	---/248			
2	KAMUN	033018.0S	0805330.0E	249/249	215.8	1500/1500	H
4	LATEP	061018.0S	0750000.0E	252/252	387.1	1500/1500	H
	ATS ROUTE R587 T/W						
3	BN VOR	272157.9S	1530821.2E	---/047			
1	ATROP	265542.1S	1535606.2E	047/047	50.0	2400/2400	H
1	HARVS	254259.9S	1560400.5E	046/046	135.9	1500/1500	H
2	GUXIB	233808.6S	1593048.1E	044/044	225.7	1500/1500	H
4	MEPAB	212249.7S	1630000.0E	043/042	236.0	1500/1500	H
	ATS ROUTE R592 T/W						
4	PUPIT	120000.0S	1150900.0E	179/179	44.1	0/0	H
2	METUM	140813.3S	1150831.8E	179/---	127.7	1500/1500	H
	ATS ROUTE T2 T/W						
1	UPDAK	335327.1S	1504305.6E	---/085			
1	TESAT	335637.7S	1511057.3E	085/---	23.4	1900/1900	B
	ATS ROUTE T8 T/W						
3	AY VOR	360404.8S	1465757.9E	---/243			
3	WYMER	365218.0S	1425524.0E	247/249	201.5	0/0	H
3	CRENA	371624.0S	1400454.0E	251/251	138.5	0/0	H
1	BUNGY	372906.0S	1381948.0E	253/253	84.7	0/0	H
2	SUBUM	374842.0S	1350000.0E	257/255	159.9	0/0	H
4	TEKUP	381524.0S	1300000.0E	261/---	238.5	0/0	H
	ATS ROUTE T11 T/W						
2	ROM NDB	263235.1S	1484654.1E	---/269			
2	DOVUB	255342.7S	1442006.7E	272/272	243.0	0/0	H
4	NONET	252025.2S	1410853.1E	275/275	176.0	0/0	H
2	MITTS	243859.7S	1374019.1E	277/277	193.9	0/0	H
3	PULOL	242716.2S	1364543.8E	278/278	51.1	0/0	H
2	AS VOR	234734.4S	1335241.6E	280/292	163.2	0/0	H
2	LUGSA	220801.5S	1301829.6E	294/294	221.2	0/0	H
2	LIBTU	200500.9S	1261252.2E	297/297	260.3	0/0	H
5	CESCI	192216.3S	1245137.8E	297/297	87.7	0/0	H
4	BRM NDB	175646.7S	1221407.1E	299/---	172.1	0/0	H
	ATS ROUTE T12 T/W						
1	PH VOR	315642.2S	1155733.2E	---/283			
1	IPMOR	315215.0S	1153142.1E	283/287	22.4	0/0	H
1	KALBO	314840.3S	1151620.1E	287/283	13.6	0/0	H
1	KAGMI	314457.2S	1145428.5E	283/283	19.0	0/0	H
1	DAKPO	313427.2S	1135445.9E	284/284	52.0	0/0	H
2	OPEGA	312836.7S	1132244.3E	285/341	28.0	0/0	H
4	MERIB	300400.0S	1124506.0E	341/342	90.4	0/0	H
2	NUNLA	254511.3S	1110052.7E	342/342	274.1	0/0	H
2	BIBGA	192204.3S	1084017.2E	342/342	403.3	0/0	H
2	NODAB	132135.2S	1063820.9E	342/342	377.6	0/0	H
4	PAVGO	112135.3S	1055918.3E	342/342	125.4	0/0	H
4	XMX VOR	102548.8S	1054121.6E	342/---	58.3	0/0	H
	ATS ROUTE T13 T/W						
2	NTN NDB	174144.7S	1410422.9E	---/127			
2	DOLIB	203326.8S	1442501.0E	125/125	255.6	0/0	H
2	EML NDB	233402.8S	1481015.8E	121/---	275.9	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE T14 T/W							
1	MUDGI	323339.3S	1493537.3E	---/123			
1	AGVUB	325018.1S	1495535.6E	123/---	23.7	4700/4700	B
ATS ROUTE T20 T/W							
3	AD VOR	345649.1S	1383128.3E	---/307			
1	AGROS	342459.5S	1375336.0E	308/306	44.6	0/0	H
2	AKDAV	330146.5S	1361212.9E	308/308	118.5	0/0	H
4	RUSAD	304909.8S	1334023.3E	311/311	184.9	0/0	H
5	ISMOR	283010.7S	1311148.8E	313/313	189.7	0/0	H
4	WENER	261549.8S	1285645.1E	315/318	180.0	0/0	H
3	SABTI	242216.7S	1271926.3E	320/320	143.5	0/0	H
2	ENPIT	232159.0S	1262918.3E	320/320	75.7	0/0	H
2	POTIP	214137.1S	1250758.5E	321/321	125.2	0/0	H
2	BRM NDB	175646.7S	1221407.1E	323/317	277.5	0/0	H
4	BOPLO	120000.0S	1165506.0E	319/---	470.6	0/0	H
ATS ROUTE T21 T/W							
2	PD VOR	202242.5S	1183721.8E	---/123			
5	KADUN	222100.4S	1215106.5E	121/121	215.8	0/0	H
4	NONAX	233117.0S	1235208.8E	120/120	131.9	0/0	H
4	WENER	261549.8S	1285645.1E	116/116	321.8	0/0	H
3	PUGUT	274302.1S	1315311.5E	114/114	180.0	0/0	H
2	VIRUV	285706.8S	1343327.3E	112/112	159.6	0/0	H
5	CARTS	294116.1S	1361421.3E	110/110	98.6	0/0	H
2	LEC NDB	303555.4S	1382632.1E	108/---	126.9	0/0	H
ATS ROUTE T22 T/W							
1	RUTOS	331447.6S	1504018.8E	---/154			
1	STUIE	333549.0S	1504635.0E	153/---	21.6	3300/3300	B
ATS ROUTE T25 T/W							
2	BHI VOR	320002.4S	1412847.9E	---/319			
3	SAPED	312107.3S	1410025.7E	320/320	45.8	0/0	H
4	GUGAB	294106.8S	1394959.2E	321/324	116.9	0/0	H
2	POLEV	265513.2S	1381009.3E	326/326	187.4	0/0	H
3	PULOL	242716.2S	1364543.8E	328/328	166.0	0/0	H
3	ANZAC	224446.7S	1354925.7E	329/329	114.5	0/0	H
2	YUSEF	212554.0S	1350711.9E	329/329	87.8	0/0	H
4	TNK VOR	193805.1S	1341055.0E	330/---	119.7	0/0	H
ATS ROUTE T27 T/W							
2	KU VOR	154631.7S	1284231.4E	---/223			
2	NISAD	184342.5S	1253358.1E	224/224	252.4	0/0	H
2	RASKY	205047.1S	1231224.1E	225/225	184.0	0/0	H
5	VALRA	214241.4S	1221248.0E	226/---	76.0	0/0	H
ATS ROUTE T28 T/W							
3	NONOK	163754.1S	1282655.5E	---/230			
2	NISAD	184342.5S	1253358.1E	231/---	207.3	0/0	H
ATS ROUTE T29 T/W							
4	WR NDB	310836.5S	1364829.7E	---/311			
2	VIRUV	285706.8S	1343327.3E	313/313	175.9	0/0	H
3	ARENI	265550.2S	1323557.0E	315/315	159.6	0/0	H
2	AYE NDB	251021.7S	1305829.3E	317/314	137.0	0/0	H
2	SCHEE	225906.2S	1285206.2E	316/316	174.6	0/0	H
2	LIBTU	200500.9S	1261252.2E	318/315	228.3	0/0	H
2	CIN VOR	173519.6S	1235107.2E	317/---	200.8	0/0	H
ATS ROUTE T33 T/W							
2	LEC NDB	303555.4S	1382632.1E	---/078			
3	EVIEC	302120.2S	1411922.4E	076/076	150.1	0/0	H
4	MACLA	301021.4S	1430725.2E	074/074	94.2	0/0	H
5	IPRAM	295338.7S	1452904.4E	072/077	124.1	0/0	H
2	ANROM	294733.6S	1470618.9E	076/---	84.8	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE T41 T/W							
2	LM VOR	221405.4S	1140538.9E	---/298			
3	MERME	211744.5S	1121520.4E	299/299	117.0	0/0	H
4	AGSEL	195528.5S	1094100.9E	300/300	166.4	0/0	H
2	VERIS	171611.3S	1050000.0E	302/302	310.5	0/0	H
2	PORIR	133446.2S	0985847.8E	304/304	412.7	0/0	H
2	CC VOR	121202.0S	0965027.3E	305/299	150.0	0/0	H
2	BEBIM	103840.0S	0935007.5E	300/300	200.0	0/0	H
4	RISMI	070755.2S	0872005.7E	302/302	439.3	0/0	H
3	KAMUN	033018.0S	0805330.0E	303/298	442.2	0/0	H
2	SABEK	020833.0S	0775337.0E	298/---	197.5	0/0	H
ATS ROUTE T44 T/W							
2	AYE NDB	251021.7S	1305829.3E	---/279			
3	SABTI	242216.7S	1271926.3E	282/282	205.0	0/0	H
4	NONAX	233117.0S	1235208.8E	284/---	196.6	0/0	H
ATS ROUTE T47 T/W							
2	AYE NDB	251021.7S	1305829.3E	---/034			
1	RURAP	244145.6S	1312224.0E	033/---	35.9	0/0	B
ATS ROUTE T49 T/W							
1	ISBOV	340454.6S	1512057.6E	---/201			
1	OMLAV	342101.2S	1510758.0E	201/201	19.4	1500/1500	B
1	ABASS	343500.2S	1505636.4E	201/210	16.8	1500/1500	B
1	NWA NDB	345704.4S	1503147.2E	210/---	30.1	3500/3500	B
ATS ROUTE T51 T/W							
3	AVBEG	344942.2S	1490231.7E	---/340			
1	ISNOL	342312.4S	1485831.8E	341/---	26.7	4200/4200	L
ATS ROUTE T53 T/W							
4	MISLY	304941.4S	1555331.5E	---/308			
1	LAROS	292851.1S	1543941.7E	310/310	103.0	0/0	H
3	GOMOL	281008.2S	1533014.7E	311/---	99.4	0/0	H
ATS ROUTE T55 T/W							
1	HAAVI	251926.7S	1525259.0E	---/140			
1	LEEFL	254543.0S	1530909.0E	140/152	30.0	2200/2200	H
1	ITIDE	264406.5S	1532923.7E	151/---	61.0	1800/1800	H
ATS ROUTE T58 T/W							
4	SAPDA	120000.0S	1112536.0E	---/160			
2	SOPAT	161634.4S	1130029.4E	159/159	271.6	1500/1500	H
2	PAVNU	193000.0S	1141456.5E	159/153	205.3	1500/1500	H
3	IGLUT	215629.1S	1153430.7E	152/152	163.9	5500/5500	H
2	GUTLI	240636.6S	1164749.9E	152/---	146.3	5500/5500	H
ATS ROUTE T63 T/W							
2	BIDAP	242404.6S	1231444.3E	---/031			
5	NONAX	233117.0S	1235208.8E	031/031	62.8	0/0	H
2	POTIP	214137.1S	1250758.5E	030/030	129.9	0/0	H
3	JUGGL	205502.6S	1253928.2E	030/030	54.9	0/0	H
3	LIBTU	200500.9S	1261252.2E	030/030	58.9	0/0	H
3	TATUK	192545.6S	1263846.7E	030/030	46.1	0/0	H
4	DOPUK	181433.5S	1272508.8E	029/029	83.5	0/0	H
3	NONOK	163754.1S	1282655.5E	029/---	112.9	0/0	H
ATS ROUTE T65 T/W							
3	NOGIP	381851.6S	1412824.1E	---/256			
2	OTGAB	382515.3S	1350000.0E	264/264	305.5	0/0	H
4	TEKUP	381524.0S	1300000.0E	270/---	236.2	0/0	H
ATS ROUTE T74 T/W							
4	TN VOR	143109.1S	1322215.6E	---/141			
2	BEBUX	145547.9S	1324038.1E	141/141	30.3	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	MILIV	163306.3S	1335404.7E	140/140	120.0	0/0	H
2	DOTAP	200916.8S	1364325.7E	138/138	268.9	0/0	H
2	VINAX	213517.7S	1375332.9E	137/137	108.0	0/0	H
4	NONET	252025.2S	1410853.1E	134/134	287.4	0/0	H
4	VEPAP	290000.0S	1443541.9E	130/130	286.3	0/0	H
2	ENPAG	313308.0S	1471141.4E	127/---	203.9	0/0	H
ATS ROUTE T85 T/W							
2	AS VOR	234734.4S	1335241.6E	---/275			
2	SCHEE	225906.2S	1285206.2E	278/277	280.7	0/0	H
2	NASTI	222507.0S	1254255.0E	279/279	178.2	0/0	H
4	VALRA	214241.4S	1221248.0E	281/279	199.7	0/0	H
2	RAFFY	211520.0S	1193544.0E	280/280	149.0	0/0	H
2	KA VOR	204254.3S	1164626.2E	281/---	161.7	0/0	H
ATS ROUTE T97 T/W							
2	KAMBI	340805.6S	1352023.3E	---/276			
2	IKEMI	332121.5S	1313000.0E	280/280	197.7	0/0	H
2	IVPEM	323136.0S	1280000.0E	283/282	183.6	0/0	H
2	MALNU	314652.7S	1250000.0E	285/285	159.2	0/0	H
3	KG VOR	304723.4S	1212710.0E	288/---	191.8	0/0	H
ATS ROUTE T131 T/W							
3	BORTO	362334.0S	1404430.5E	---/251			
1	KROWS	364954.0S	1371542.0E	254/255	170.1	0/0	H
2	RUFLE	370154.0S	1350000.0E	257/260	109.5	0/0	H
2	VIBUX	371012.0S	1300000.0E	265/---	240.1	0/0	H
ATS ROUTE T134 T/W							
4	GEMAC	381325.8S	1501930.5E	---/252			
3	NOGIP	381851.6S	1412824.1E	262/263	418.1	0/0	H
2	SUBUM	374842.0S	1350000.0E	271/271	308.2	0/0	H
2	VIBUX	371012.0S	1300000.0E	276/276	241.8	0/0	H
4	TAPAX	361818.0S	1250000.0E	282/---	246.6	0/0	H
ATS ROUTE T234 T/W							
3	BORTO	362334.0S	1404430.5E	---/136			
1	GRACY	372050.2S	1413443.3E	134/134	70.0	3100/5200	H
1	OKISI	385404.1S	1430000.0E	132/130	114.9	4100/5200	H
1	DOTVU	404959.4S	1450454.0E	126/126	150.5	1800/1800	H
2	URBEN	415236.0S	1461736.0E	124/124	83.1	6700/6700	B
1	RIBLI	422824.0S	1470042.0E	123/120	48.0	6700/6700	B
2	TASUM	425049.6S	1473136.0E	119/---	32.0	4000/4000	B
ATS ROUTE V15 O/W							
1	LAKAV	284326.7S	1175749.4E	---/351			
3	MOG NDB	280350.8S	1175037.4E	351/---	40.0	3600/0	L
ATS ROUTE V16 O/W							
4	NWN VOR	232515.9S	1194810.9E	---/199			
3	JILGO	250000.0S	1191055.6E	199/199	100.4	4300/0	L
2	MEK VOR	263625.3S	1183157.0E	200/202	102.4	4300/0	L
3	MOG NDB	280350.8S	1175037.4E	203/200	94.6	3200/0	L
1	OVLUK	303538.6S	1164647.2E	201/201	161.4	3600/0	L
1	TEBIP	310533.1S	1163427.3E	201/201	31.7	3000/0	L
2	SAPKO	312903.4S	1162440.1E	201/228	24.9	3000/0	L
1	WOORA	314511.2S	1160441.3E	228/---	23.5	3000/0	L
ATS ROUTE V17 O/W							
2	WIRAL	274630.7S	1182735.1E	---/003			
2	MEK VOR	263625.3S	1183157.0E	003/---	70.0	3600/0	L
ATS ROUTE V20 O/W							
1	PEGSU	341949.9S	1504708.3E	---/203			
3	ATGOD	351041.4S	1500202.1E	203/203	62.9	6700/0	L
3	COM NDB	362113.6S	1485727.1E	204/237	87.9	6700/0	L
2	SULDA	364021.3S	1474957.4E	238/238	57.7	8700/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	TEMIS	371222.8S	1455006.2E	240/---	101.3	8000/0	L
ATS ROUTE V33 O/W							
2	IRSOM	411012.0S	1462603.2E	---/140			
3	LAXOT	413900.0S	1464418.0E	140/140	31.9	6000/0	B
1	MORGO	421018.0S	1470439.9E	139/139	34.8	6000/0	B
2	TASUM	425049.6S	1473136.0E	138/---	45.1	6000/0	B
ATS ROUTE V35 LIMITED SEG O/W							
2	WONYU	245529.6S	1194449.0E	---/001			
4	NWN VOR	232515.9S	1194810.9E	001/---	90.0	4900/0	B
ATS ROUTE V71 O/W							
2	RUSKA	124434.6S	1320036.1E	---/129			
2	TRUKA	135826.5S	1332809.0E	128/---	112.7	0/0	L
ATS ROUTE V99 O/W							
1	BUDGI	234615.8S	1503016.9E	---/141			
3	SUSGI	253541.9S	1514023.4E	139/---	126.4	4600/0	L
ATS ROUTE V111 O/W							
3	RK VOR	232258.1S	1502817.5E	---/166			
1	BUDGI	234615.8S	1503016.9E	166/166	23.3	3600/0	B
3	RUROX	242938.9S	1503411.6E	166/---	43.4	3900/0	B
ATS ROUTE V126 O/W							
3	ML VOR	373936.5S	1445031.2E	---/252			
3	ESDIG	374432.1S	1434524.0E	254/240	51.9	3900/0	B
3	NOGIP	381851.6S	1412824.1E	243/---	113.5	3000/0	B
ATS ROUTE V129 O/W							
3	BN VOR	272157.9S	1530821.2E	---/298			
1	IGUPI	262848.9S	1515541.6E	299/299	83.8	4200/0	B
3	COOLA	251800.0S	1502204.7E	301/301	110.1	3900/0	B
2	EML NDB	233402.8S	1481015.8E	303/---	158.8	4500/0	B
ATS ROUTE V138 O/W							
3	DU NDB	321303.1S	1483332.7E	---/142			
1	RUPEM	335322.1S	1493452.1E	140/139	112.6	5200/0	L
3	ANNKY	341401.6S	1494845.9E	138/---	23.6	5200/0	L
ATS ROUTE V140 O/W							
3	TESAT	335637.7S	1511057.3E	---/012			
1	KAMBA	332941.2S	1512557.3E	012/013	29.7	2500/0	L
1	TOOKI	331603.4S	1513348.7E	013/013	15.1	2500/0	L
1	OVLUX	331023.0S	1513704.1E	013/013	6.3	1700/0	L
1	WLM NDB	324812.1S	1514943.6E	013/012	24.6	1900/0	L
1	LATUT	322849.2S	1520004.6E	012/012	21.2	2500/0	L
2	CFS VOR	301910.2S	1530715.2E	012/---	141.6	5500/0	L
ATS ROUTE V147 O/W							
1	AY VOR	360404.8S	1465757.9E	---/206			
1	DUGGI	363544.7S	1462650.0E	207/207	40.4	5300/0	L
3	TEMIS	371222.8S	1455006.2E	207/---	47.0	5300/0	L
ATS ROUTE V153 O/W							
3	CS VOR	165100.1S	1454438.0E	---/153			
3	OLSIN	173341.9S	1460055.4E	153/151	45.3	6700/0	L
2	IGIKI	180319.5S	1461352.1E	150/150	32.0	3300/0	L
1	IBUXI	184121.4S	1463041.3E	150/150	41.1	4800/0	L
1	BINUN	184800.7S	1463338.3E	150/150	7.2	3200/0	L
2	TL VOR	191439.1S	1464529.1E	150/112	28.8	3200/0	L
1	WALTA	194126.2S	1473526.3E	112/112	54.2	5400/0	L
3	ALBUX	200116.3S	1481254.9E	111/134	40.5	3800/0	L
1	DAGSI	204207.9S	1484715.3E	133/133	51.9	4100/0	L
3	MK VOR	211022.8S	1491114.0E	133/156	36.0	4100/0	L
1	MUNAR	212948.9S	1491701.8E	156/156	20.1	3700/0	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	LERKI	222848.0S	1493500.0E	155/129	61.1	3700/0	L
1	ABVAS	225618.4S	1500156.1E	129/129	37.0	4100/0	L
3	RK VOR	232258.1S	1502817.5E	128/---	36.0	4100/0	L
ATS ROUTE V163 O/W							
1	BUD NDB	245423.7S	1521913.1E	---/168			
1	LAMUG	263802.0S	1522256.0E	167/---	103.4	3900/0	L
ATS ROUTE V169 O/W							
3	TESAT	335637.7S	1511057.3E	---/207			
1	PEGSU	341949.9S	1504708.3E	208/221	30.5	3400/0	L
3	EXETA	343825.8S	1501630.7E	221/221	31.4	4800/0	L
3	BUNGO	345331.1S	1495120.1E	221/221	25.6	4800/0	L
3	CB VOR	351653.2S	1491144.6E	222/218	40.0	4800/0	L
1	DUBUS	360854.5S	1475142.8E	219/224	83.3	8200/0	L
1	WAZZA	364756.9S	1463747.1E	225/225	71.2	8200/0	L
3	TEMIS	371222.8S	1455006.2E	226/222	45.3	7100/0	L
1	BOYSE	371809.2S	1454010.1E	222/229	9.8	5500/0	L
1	ML VOR	373936.5S	1445031.2E	230/---	45.0	4900/0	L
ATS ROUTE V173 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/132			
3	ASWAN	353106.0S	1432024.0E	130/131	99.4	2000/0	L
1	DORSU	364824.0S	1443906.0E	129/---	100.1	4700/0	L
ATS ROUTE V175 O/W							
1	VAVPA	354233.1S	1373050.5E	---/000			
1	GITOP	352541.3S	1373342.4E	000/051	17.0	2100/0	L
1	ELROX	351537.2S	1375402.0E	051/051	19.4	2100/0	L
3	AD VOR	345649.1S	1383128.3E	050/---	36.0	2100/0	L
ATS ROUTE V176 O/W							
1	MK VOR	211022.8S	1491114.0E	---/285			
1	AVKIK	210025.9S	1484642.7E	285/315	25.0	5600/0	L
1	CLIFT	203617.0S	1482727.2E	315/---	30.1	5600/0	L
ATS ROUTE V180 O/W							
2	BHI VOR	320002.4S	1412847.9E	---/100			
3	UBNUB	324021.6S	1435139.4E	098/098	127.5	2600/0	L
3	LYSMO	331007.8S	1454526.6E	096/096	100.3	2400/0	L
3	DERRY	334317.1S	1480233.4E	094/098	119.4	3200/0	L
3	ANNKY	341401.6S	1494845.9E	096/---	93.5	4800/0	L
ATS ROUTE V200 O/W							
1	VAVPA	354233.1S	1373050.5E	---/112			
2	WOKKA	364112.7S	1394000.0E	110/110	119.8	1700/0	L
2	TYNDI	374816.9S	1421855.9E	106/---	143.5	5200/0	L
ATS ROUTE V211 O/W							
2	BENDO	351436.2S	1393036.5E	---/114			
3	PUBAP	361856.8S	1413844.2E	111/---	122.5	2100/0	L
ATS ROUTE V217 O/W							
1	SU VOR	263551.7S	1530525.1E	---/200			
1	GAYLA	265538.6S	1525211.7E	200/---	23.0	3400/0	L
ATS ROUTE V221 O/W							
1	SOSTU	253110.9S	1524235.8E	---/184			
1	LAMUG	263802.0S	1522256.0E	184/---	69.0	3900/0	L
ATS ROUTE V222 O/W							
1	SHT NDB	362542.1S	1452345.7E	---/164			
1	LACEY	373304.9S	1453013.3E	164/---	67.5	6000/0	L
ATS ROUTE V223 O/W							
4	ML VOR	373936.5S	1445031.2E	---/282			
3	OMKON	370031.0S	1430311.1E	284/284	94.1	4800/0	L
1	UBGUT	364019.3S	1421005.2E	285/---	47.2	4700/0	L
ATS ROUTE V238 O/W							
1	DOLVU	344225.1S	1383753.8E	---/273			
1	AREPA	343427.7S	1375111.0E	274/---	39.4	2200/0	L
ATS ROUTE V242 O/W							
3	KG VOR	304723.4S	1212710.0E	---/255			
4	GIVEB	311356.8S	1192121.3E	257/257	111.3	3200/0	L
1	KELLA	313255.1S	1173921.9E	259/---	89.3	3000/0	L
ATS ROUTE V246 O/W							
2	IRSOM	411012.0S	1462603.2E	---/333			
3	TASMA	395959.0S	1460422.0E	334/334	72.1	1900/0	L
3	ONAGI	382816.4S	1453724.3E	335/---	94.0	3800/0	L
ATS ROUTE V250 O/W							
1	BN VOR	272157.9S	1530821.2E	---/286			
1	WACKO	271117.3S	1524511.1E	286/287	23.2	4000/0	B
1	IBUNA	270327.8S	1522831.8E	287/287	16.8	4000/0	B
1	LEBIT	264813.0S	1515627.0E	287/287	32.5	3700/0	B
1	ATVIL	262536.0S	1510943.0E	288/288	47.6	3600/0	B
3	UNVAT	254809.9S	1495346.5E	289/274	77.9	3300/0	B
3	SANOX	251035.3S	1470644.9E	276/276	155.7	0/0	H
4	TAVEV	241536.1S	1432633.2E	279/---	207.8	0/0	H
ATS ROUTE V255 O/W							
3	AD VOR	345649.1S	1383128.3E	---/102			
3	BENDO	351436.2S	1393036.5E	101/085	51.7	3800/0	B
3	SWH NDB	352249.8S	1433225.1E	081/077	198.1	2000/0	L
3	WG VOR	350956.7S	1472808.7E	073/---	193.4	3600/0	L
ATS ROUTE V258 O/W							
1	KAMBA	332941.2S	1512557.3E	---/354			
1	GUNTA	331212.1S	1512818.8E	354/348	17.6	3400/0	L
1	PUDUT	325741.0S	1512823.9E	348/001	14.5	3000/0	L
3	MATLA	324517.6S	1513154.7E	001/328	12.7	3400/0	L
1	KEXAR	322817.3S	1512443.8E	328/328	18.0	3200/0	L
1	EKIBI	320021.6S	1511302.4E	328/328	29.6	6000/0	L
3	TW VOR	310357.9S	1504948.9E	329/---	59.7	6100/0	L
ATS ROUTE V259 O/W							
3	MTG VOR	374505.0S	1404707.0E	---/316			
3	RUVUS	361238.6S	1393108.0E	318/318	110.6	2500/0	L
1	INTOG	353900.4S	1390423.1E	319/319	40.0	3000/0	L
1	ATPIP	352712.5S	1385506.7E	319/319	14.0	3100/0	L
3	AD VOR	345649.1S	1383128.3E	319/---	36.0	3800/0	L
ATS ROUTE V264 O/W							
3	CS VOR	165100.1S	1454438.0E	---/130			
1	PAWSO	171244.0S	1460619.5E	129/165	30.0	4800/0	L
2	IGIKI	180319.5S	1461352.1E	165/---	50.9	5200/0	L
ATS ROUTE V275 O/W							
3	ATVIL	262536.0S	1510943.0E	---/236			
3	DUKAD	264818.6S	1501019.6E	237/---	57.8	3100/0	H
ATS ROUTE V279 O/W							
3	NOGIP	381851.6S	1412824.1E	---/067			
1	LANUN	380036.0S	1430648.0E	065/065	79.7	2700/0	B
1	ALAXO	375024.0S	1435842.0E	064/064	42.3	3900/0	B
3	ML VOR	373936.5S	1445031.2E	063/---	42.5	3900/0	B
ATS ROUTE V294 O/W							
2	WYY NDB	405952.7S	1454229.6E	---/345			
2	DIPLO	400000.0S	1454100.0E	346/345	59.8	2400/0	L
3	ONAGI	382816.4S	1453724.3E	346/---	91.7	2400/0	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE V300 O/W							
3	BORLI	341458.0S	1460355.3E	---/079			
3	METUV	341340.0S	1481443.9E	077/079	108.5	3100/0	L
3	ANNKY	341401.6S	1494845.9E	077/---	78.0	4800/0	L
ATS ROUTE V307 O/W							
3	RK VOR	232258.1S	1502817.5E	---/145			
3	MILTY	242636.0S	1510224.0E	144/144	70.7	4600/0	L
3	SUSGI	253541.9S	1514023.4E	143/130	77.0	4600/0	L
1	OTLEB	263849.0S	1524004.0E	128/136	82.7	4000/0	L
1	MORBI	264708.0S	1524614.0E	135/136	10.0	3800/0	L
1	REMOR	265322.2S	1525050.6E	135/141	7.5	3600/0	L
1	GAYLA	265538.6S	1525211.7E	141/140	2.6	3300/0	L
1	BURPA	270423.0S	1525732.7E	140/140	9.9	3500/0	L
3	BN VOR	272157.9S	1530821.2E	140/---	20.0	3500/0	L
ATS ROUTE V308 O/W							
3	BN VOR	272157.9S	1530821.2E	---/343			
1	AKOBA	264215.0S	1530344.0E	343/327	39.8	2100/0	L
1	SAGLI	261816.0S	1525259.0E	327/311	25.8	3100/0	L
1	MAGPI	250852.4S	1515315.7E	312/313	87.7	3700/0	L
1	OLDIB	240334.3S	1510023.1E	314/314	81.0	4600/0	L
1	DADBO	235211.0S	1505120.4E	314/314	14.1	4600/0	L
3	RK VOR	232258.1S	1502817.5E	315/331	36.0	4600/0	L
1	EMSUP	220032.0S	1495704.3E	332/311	87.1	4100/0	L
1	WELKE	213752.8S	1493614.1E	311/311	29.8	3400/0	L
3	MK VOR	211022.8S	1491114.0E	311/301	36.0	3400/0	L
1	CLIFT	203617.0S	1482727.2E	302/302	53.2	5100/0	L
2	BITAS	201016.3S	1475434.3E	302/303	40.3	5000/0	L
1	POROB	193747.5S	1471417.0E	303/303	49.9	4900/0	L
2	TL VOR	191439.1S	1464529.1E	303/342	35.7	5500/0	L
1	ADLAG	183839.6S	1463816.4E	342/342	36.5	3200/0	L
1	PEWEE	175556.6S	1463005.5E	343/343	43.3	2500/0	L
1	BARIA	171248.0S	1462148.0E	343/294	43.7	6700/0	L
3	CS VOR	165100.1S	1454438.0E	295/---	41.7	6700/0	L
ATS ROUTE V315 O/W							
1	BUD NDB	245423.7S	1521913.1E	---/160			
3	OTLEB	263849.0S	1524004.0E	159/---	105.8	3800/0	L
ATS ROUTE V327 O/W							
3	UNVAT	254809.9S	1495346.5E	---/101			
2	IDLEG	260848.3S	1505451.4E	100/100	58.8	3500/0	B
1	IGUPI	262848.9S	1515541.6E	099/---	58.2	4700/0	B
ATS ROUTE V361 O/W							
3	AD VOR	345649.1S	1383128.3E	---/052			
1	UPROT	343406.0S	1391830.0E	051/074	44.9	3800/0	B
3	SILVN	342737.3S	1401445.0E	073/073	46.9	3400/0	L
4	MIA VOR	341330.7S	1420438.2E	071/---	92.1	1800/0	L
ATS ROUTE V372 O/W							
3	SOSTU	253110.9S	1524235.8E	---/171			
1	OTLEB	263849.0S	1524004.0E	171/---	67.5	3800/0	L
ATS ROUTE V376 O/W							
3	ML VOR	373936.5S	1445031.2E	---/314			
1	DOTPA	371446.0S	1442927.0E	315/315	30.0	4500/0	L
1	DOVUT	365435.5S	1441239.9E	315/315	24.2	4500/0	L
3	CHITT	361618.0S	1434118.0E	316/316	45.8	4000/0	L
4	MIA VOR	341330.7S	1420438.2E	318/---	145.9	2900/0	L
ATS ROUTE V384 O/W							
3	AVPAS	323134.6S	1374204.0E	---/164			
3	ELRIM	333233.4S	1375251.6E	164/164	61.5	2800/0	L
1	MARGO	342450.0S	1380219.2E	164/---	52.8	2900/0	L
ATS ROUTE V395 O/W							
3	DOVOD	341132.4S	1404033.4E	---/232			
3	RIKTU	342418.5S	1401315.3E	232/232	26.0	1800/0	L
1	KAKLU	344635.7S	1392443.9E	233/---	45.8	3400/0	L
ATS ROUTE V400 O/W							
1	BNA NDB	285004.2S	1533344.6E	---/167			
1	BUVAM	290932.0S	1533407.0E	167/187	19.4	1900/0	L
2	CFS VOR	301910.2S	1530715.2E	187/---	73.3	2800/0	L
ATS ROUTE V402 O/W							
1	MAKOR	330644.0S	1510821.5E	---/048			
1	LOWEP	330407.6S	1511346.6E	048/050	5.2	3500/0	L
1	PUDUT	325741.0S	1512823.9E	050/050	13.9	3500/0	L
3	WLM NDB	324812.1S	1514943.6E	049/---	20.3	3500/0	L
ATS ROUTE V403 O/W							
1	LM VOR	221405.4S	1140538.9E	---/305			
1	SEKRU	220500.0S	1135200.0E	306/339	15.6	2600/0	L
1	ITBAP	205926.9S	1132554.4E	339/339	69.7	2200/0	L
1	VISEP	202029.9S	1131035.8E	339/352	41.4	1500/0	L
1	BEMVU	195218.0S	1130624.0E	352/---	28.4	1500/0	L
ATS ROUTE V404 O/W							
1	BEMVU	195218.0S	1130624.0E	---/145			
1	BORPU	201652.4S	1132437.4E	145/163	29.9	1500/0	L
1	ORILI	204719.2S	1133409.2E	163/163	31.6	1500/0	L
1	IPRIS	214424.0S	1135212.0E	163/157	59.3	1500/0	L
1	LM VOR	221405.4S	1140538.9E	157/---	32.1	2600/0	L
ATS ROUTE V408 O/W							
2	JOSBU	330812.6S	1164024.2E	---/160			
1	ARUMI	343539.5S	1172256.0E	160/138	94.2	4200/0	L
1	ABA NDB	345707.8S	1174837.9E	137/---	30.1	4200/0	L
ATS ROUTE V409 O/W							
3	GFN NDB	294535.0S	1530138.8E	---/349			
2	IDNER	285228.5S	1530252.7E	350/---	53.0	3200/0	L
ATS ROUTE V410 O/W							
3	WG VOR	350956.7S	1472808.7E	---/201			
3	TEMIS	371222.8S	1455006.2E	201/---	145.8	7300/0	L
ATS ROUTE V412 O/W							
3	LEBIT	264813.0S	1515627.0E	---/264			
3	ROM NDB	263235.1S	1484654.1E	266/---	170.5	5200/0	B
ATS ROUTE V415 O/W							
1	PAVSO	342753.7S	1173928.6E	---/339			
1	KAKVU	333747.0S	1171445.8E	340/326	54.1	4200/0	L
1	AKSOS	330506.1S	1164658.5E	326/326	40.1	3400/0	L
1	SOLUS	322854.1S	1161641.3E	327/---	44.2	3400/0	L
ATS ROUTE V417 O/W							
3	TW VOR	310357.9S	1504948.9E	---/142			
3	TIMBO	321023.5S	1512741.6E	142/116	73.8	6600/0	L
1	LAXUM	321944.6S	1514129.0E	116/154	15.0	5200/0	L
3	WLM NDB	324812.1S	1514943.6E	154/---	29.2	2900/0	L
ATS ROUTE V423 O/W							
1	NICLA	320305.0S	1520015.7E	---/017			
1	IVPOL	305418.1S	1524455.2E	017/017	78.5	4600/0	L
2	CFS VOR	301910.2S	1530715.2E	017/---	40.0	2800/0	L
ATS ROUTE V432 O/W							
3	ACTIN	333013.3S	1380133.3E	---/172			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4  5 

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	MARGO	342450.0S	1380219.2E	171/---	54.5	4600/0	L
	ATS ROUTE V434 O/W						
2	ESL NDB	380640.8S	1470934.4E	---/270			
2	DUNNE	375459.0S	1460714.6E	271/271	50.6	6600/0	L
1	MOSVO	374330.9S	1450642.7E	272/---	49.3	6600/0	L
	ATS ROUTE V501 O/W						
1	PEGSU	341949.9S	1504708.3E	---/186			
3	NWA NDB	345704.4S	1503147.2E	186/---	39.3	5400/0	L
	ATS ROUTE V504 O/W						
3	AD VOR	345649.1S	1383128.3E	---/219			
1	EEMUE	352118.1S	1375914.5E	219/219	36.0	2200/0	L
1	VAVPA	354233.1S	1373050.5E	220/---	31.4	2100/0	L
	ATS ROUTE V512 O/W						
1	COLDS	374239.5S	1452058.2E	---/254			
1	MOSVO	374330.9S	1450642.7E	254/258	11.3	5000/0	L
1	ESDAN	374336.3S	1445440.9E	258/---	9.5	2100/0	L
	ATS ROUTE V527 O/W						
3	PN VOR	202948.8S	1483310.7E	---/290			
2	BITAS	201016.3S	1475434.3E	291/---	41.2	5000/0	L
	ATS ROUTE V530 O/W						
3	IBUNA	270327.8S	1522831.8E	---/299			
3	MENEN	263452.0S	1515029.0E	300/---	44.4	4100/0	L
	ATS ROUTE V531 O/W						
3	LALIB	320205.1S	1504951.7E	---/170			
1	ISREV	322822.4S	1504857.3E	170/---	26.2	3500/0	L
	ATS ROUTE V535 O/W						
3	WLM NDB	324812.1S	1514943.6E	---/353			
1	UBSON	322551.7S	1515211.3E	353/004	22.4	2700/0	L
1	NICLA	320305.0S	1520015.7E	004/359	23.7	3100/0	L
2	LOSKU	302932.8S	1522133.1E	359/---	95.1	6600/0	L
	ATS ROUTE V538 O/W						
1	TEDUS	345441.5S	1373648.2E	---/274			
1	SALOT	344755.8S	1365725.0E	275/268	33.1	2300/0	L
1	VATSU	344445.0S	1361743.0E	269/285	32.9	1500/0	L
1	PLC NDB	343615.9S	1355223.7E	285/---	22.5	2000/0	L
	ATS ROUTE V543 O/W						
2	OLTIN	323307.7S	1511527.0E	---/210			
1	DUUKE	325858.1S	1504753.2E	210/---	34.7	3600/0	L
	ATS ROUTE V544 O/W						
2	WYY NDB	405952.7S	1454229.6E	---/117			
3	LAXOT	413900.0S	1464418.0E	115/---	60.8	5500/0	L
	ATS ROUTE V588 O/W						
3	LTV NDB	381209.1S	1462832.6E	---/279			
3	MOZZA	380454.0S	1460554.0E	280/282	19.3	3000/0	L
1	LEKUN	374658.1S	1451646.7E	283/281	42.8	4500/0	L
1	MOSVO	374330.9S	1450642.7E	282/---	8.7	3600/0	L
	ATS ROUTE V599 O/W						
3	CWR NDB	335041.6S	1483911.7E	---/087			
3	ENVOL	335507.1S	1491311.2E	087/---	28.6	4500/0	L
	ATS ROUTE V621 O/W						
3	CDU NDB	320735.6S	1334337.0E	---/124			
3	SPENA	341541.5S	1365426.8E	120/120	204.9	3000/0	B
1	ATNAR	344402.4S	1373902.7E	120/---	46.5	3000/0	B
	ATS ROUTE V623 O/W						
1	DOLVU	344225.1S	1383753.8E	---/120			
1	VIRAT	344726.5S	1384538.8E	120/118	8.1	3300/0	L
3	BENDO	351436.2S	1393036.5E	117/---	45.8	3400/0	L
	ATS ROUTE V650 O/W						
2	DUNNE	375459.0S	1460714.6E	---/278			
1	BADGR	374306.0S	1452800.0E	279/---	33.3	6600/0	L
	ATS ROUTE V652 O/W						
1	NICLA	320305.0S	1520015.7E	---/057			
2	UGPOT	315322.2S	1523034.1E	057/022	27.5	4900/0	L
1	PMQ NDB	312608.4S	1525200.3E	021/---	32.8	3400/0	L
	ATS ROUTE V653 O/W						
2	PEXOR	242721.9S	1171845.7E	---/017			
2	PBO VOR	231021.4S	1174413.3E	016/010	80.2	5300/0	L
3	BUTON	212448.0S	1180506.0E	010/---	107.0	5500/0	L
	ATS ROUTE V656 O/W						
2	AS VOR	234734.4S	1335241.6E	---/217			
1	BODAS	235856.3S	1334157.4E	217/217	15.0	4200/0	B
1	TUMSO	241449.3S	1332652.6E	217/217	21.0	4000/0	B
3	OLNAM	243008.1S	1331215.4E	217/223	20.3	3800/0	B
2	ANGAS	250758.5S	1322622.2E	224/264	56.3	3800/0	B
2	AYE NDB	251021.7S	1305829.3E	265/---	79.8	4400/0	B
	ATS ROUTE V662 O/W						
1	MENEN	263452.0S	1515029.0E	---/132			
1	WOODY	271416.9S	1522416.9E	131/---	49.6	4600/0	L
	ATS ROUTE V665 O/W						
1	STUIE	333549.0S	1504635.0E	---/019			
1	CAPER	332245.1S	1505618.9E	019/020	15.4	2900/0	L
1	MAKOR	330644.0S	1510821.5E	020/358	18.9	2900/0	L
1	OLTIN	323307.7S	1511527.0E	358/---	34.1	3500/0	L
	ATS ROUTE V672 O/W						
2	UGPOT	315322.2S	1523034.1E	---/265			
3	SORTI	314915.5S	1515245.0E	265/185	32.5	5000/0	L
1	CRAVN	320736.0S	1514600.0E	185/185	19.2	4700/0	L
1	LAXUM	321944.6S	1514129.0E	185/---	12.7	4600/0	L
	ATS ROUTE V707 O/W						
1	PLC NDB	343615.9S	1355223.7E	---/089			
1	TEKOD	343823.8S	1361934.8E	088/088	22.5	2200/0	L
1	PILBY	344013.6S	1364402.3E	088/088	20.3	2200/0	L
1	ATNAR	344402.4S	1373902.7E	087/---	45.5	2300/0	L
	ATS ROUTE V779 O/W						
2	IVL NDB	295304.9S	1510823.9E	---/160			
3	SANAD	312311.0S	1512444.6E	159/154	91.0	5900/0	L
1	COOPA	314751.2S	1513154.6E	154/154	25.4	6600/0	L
1	IDSEB	320705.8S	1513740.4E	153/153	19.8	6200/0	L
1	LAXUM	321944.6S	1514129.0E	153/154	13.0	4900/0	L
3	WLM NDB	324812.1S	1514943.6E	154/---	29.2	2900/0	L
	ATS ROUTE V791 O/W						
1	MONDO	325636.2S	1511411.1E	---/251			
1	DUUKE	325858.1S	1504753.2E	252/---	22.3	3600/0	L
	ATS ROUTE V796 O/W						
1	DOLVU	344225.1S	1383753.8E	---/093			
3	AVDEN	345837.8S	1402057.2E	091/---	86.4	3600/0	L
	ATS ROUTE W10 T/W						

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	WOL NDB	343328.6S	1504727.6E	---/246			
3	EXETA	343825.8S	1501630.7E	246/236	26.0	4200/4200	L
3	GLB NDB	344825.8S	1494413.8E	237/255	28.4	4300/4300	L
3	AVBEG	344942.2S	1490231.7E	256/243	34.4	4300/4300	L
3	WG VOR	350956.7S	1472808.7E	244/235	80.1	4600/4600	L
1	NUTLI	354835.7S	1453624.2E	236/---	99.1	3200/3200	L
ATS ROUTE W14 T/W							
1	OTKUN	320015.3S	1153240.8E	---/348			
3	UPTEK	310630.0S	1151656.9E	348/348	55.3	2100/2100	L
3	BUVEL	301848.4S	1150313.9E	348/350	49.0	2100/2100	L
1	ONGAR	291200.3S	1144755.0E	350/350	68.0	2200/2200	L
2	GEL VOR	284725.2S	1144222.0E	350/348	25.0	2200/2200	L
3	BOBUS	265028.4S	1141047.9E	347/348	119.9	2400/2400	L
2	CAR VOR	245255.3S	1134022.4E	347/009	120.4	2400/2400	L
2	LM VOR	221405.4S	1140538.9E	008/---	160.0	2100/2100	L
ATS ROUTE W15 T/W							
1	ML VOR	373936.5S	1445031.2E	---/234			
1	IGNES	374634.4S	1443041.6E	235/176	17.2	2500/2500	L
1	MAKAT	375233.7S	1442941.4E	176/178	6.0	2600/2600	L
1	AV VOR	380256.0S	1442732.2E	178/---	10.5	2600/2600	L
ATS ROUTE W20 T/W							
1	PH VOR	315642.2S	1155733.2E	---/197			
1	OLMAM	323124.4S	1154630.2E	197/197	35.9	2600/2600	L
1	BLN NDB	334132.7S	1152342.6E	198/---	72.6	2700/2700	L
ATS ROUTE W40 T/W							
4	URBOB	355354.1S	1500833.9E	---/340			
3	ATGOD	351041.4S	1500202.1E	340/336	43.5	5100/5100	L
3	ANNKY	341401.6S	1494845.9E	337/---	57.6	4800/4800	L
ATS ROUTE W101 T/W							
1	OTKUN	320015.3S	1153240.8E	---/083			
1	PH VOR	315642.2S	1155733.2E	082/---	21.5	2300/2300	L
ATS ROUTE W105 T/W							
1	DOTVU	404959.4S	1450454.0E	---/096			
2	WYY NDB	405952.7S	1454229.6E	095/094	30.2	3300/3300	L
2	IRSOM	411012.0S	1462603.2E	093/109	34.5	3700/3700	B
3	LT VOR	413237.8S	1471247.7E	108/---	41.7	3400/3400	B
ATS ROUTE W106 T/W							
1	NICLA	320305.0S	1520015.7E	---/038			
1	PMQ NDB	312608.4S	1525200.3E	037/338	57.5	5000/4900	L
1	KADSI	310329.5S	1524724.5E	338/---	22.9	2500/2500	L
ATS ROUTE W112 T/W							
3	OVRON	202104.2S	1485721.2E	---/287			
3	ALBUX	200116.3S	1481254.9E	288/---	46.2	4100/4100	B
ATS ROUTE W113 T/W							
3	WG VOR	350956.7S	1472808.7E	---/054			
1	HAPPI	345749.5S	1480134.7E	054/052	30.0	3800/3800	L
3	ANNKY	341401.6S	1494845.9E	051/065	98.7	4800/4800	L
3	AKMIR	341042.8S	1500624.3E	065/076	15.0	5000/5000	L
1	UDODU	341020.0S	1502700.6E	076/051	17.1	4800/4800	L
1	MITSA	340154.9S	1504700.7E	050/062	18.6	3700/3700	L
1	ANKUB	335911.9S	1505835.4E	061/032	10.0	2100/2100	L
1	AVMOV	334210.8S	1511837.9E	032/013	23.8	2100/2100	L
1	KAMBA	332941.2S	1512557.3E	013/---	13.9	2100/2100	L
ATS ROUTE W114 T/W							
1	JT NDB	320609.7S	1155312.2E	---/023			
1	PH VOR	315642.2S	1155733.2E	023/---	10.1	2300/2300	L

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W115 T/W							
3	ACTIN	333013.3S	1380133.3E	---/359			
3	LIBNI	322136.0S	1381106.0E	359/360	69.0	4600/4600	L
2	LEC NDB	303555.4S	1382632.1E	360/---	106.3	5200/5200	L
ATS ROUTE W116 T/W							
1	OLMAM	323124.4S	1154630.2E	---/188			
1	ATIVA	332233.1S	1154038.3E	188/---	51.3	2700/2700	L
ATS ROUTE W118 T/W							
3	AY VOR	360404.8S	1465757.9E	---/164			
2	ESL NDB	380640.8S	1470934.4E	163/---	122.8	7900/7900	L
ATS ROUTE W121 T/W							
4	NWN VOR	232515.9S	1194810.9E	---/052			
5	VALRA	214241.4S	1221248.0E	051/---	168.4	4000/4000	B
ATS ROUTE W122 T/W							
3	CB VOR	351653.2S	1491144.6E	---/015			
3	IDROP	345020.1S	1492851.2E	015/012	30.0	4500/4500	L
3	ANNKY	341401.6S	1494845.9E	012/---	39.8	4800/4800	L
ATS ROUTE W125 T/W							
2	PD VOR	202242.5S	1183721.8E	---/159			
3	BORAH	215713.3S	1191330.9E	159/159	100.0	3300/3300	L
4	NWN VOR	232515.9S	1194810.9E	159/---	93.4	4900/4300	L
ATS ROUTE W127 T/W							
1	OTKUN	320015.3S	1153240.8E	---/111			
1	JT NDB	320609.7S	1155312.2E	110/---	18.4	1600/1600	L
ATS ROUTE W128 T/W							
1	ENKOG	273413.1S	1530057.7E	---/178			
3	HUUGO	280523.3S	1525529.2E	178/192	31.5	3300/3300	L
3	ALDAR	293548.0S	1521040.9E	192/189	98.4	6300/5900	L
4	UPRUM	303454.0S	1514536.0E	189/189	62.8	6300/6300	L
3	SANAD	312311.0S	1512444.6E	189/---	51.4	5900/5900	L
ATS ROUTE W130 T/W							
3	OLTIN	323307.7S	1511527.0E	---/334			
1	UBLOM	320352.4S	1510656.7E	334/334	30.1	4400/4400	L
3	TW VOR	310357.9S	1504948.9E	335/---	61.5	6100/6100	L
ATS ROUTE W137 T/W							
3	CB VOR	351653.2S	1491144.6E	---/332			
3	AVBEG	344942.2S	1490231.7E	332/329	28.2	4300/4300	B
3	CWR NDB	335041.6S	1483911.7E	330/019	62.0	4200/4200	B
2	SPLIZ	324325.1S	1492651.0E	019/---	78.1	6100/6100	B
ATS ROUTE W138 T/W							
3	GLB NDB	344825.8S	1494413.8E	---/210			
3	CB VOR	351653.2S	1491144.6E	211/---	39.0	4800/4800	L
ATS ROUTE W142 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/144			
3	COMAC	333308.4S	1375103.5E	143/143	33.9	1900/1900	L
1	RUKNA	340806.0S	1381430.5E	143/143	40.0	2900/2900	L
1	DOLVU	344225.1S	1383753.8E	142/192	39.3	2900/2800	L
3	AD VOR	345649.1S	1383128.3E	192/---	15.3	2200/2200	L
ATS ROUTE W148 T/W							
3	WG VOR	350956.7S	1472808.7E	---/083			
3	CB VOR	351653.2S	1491144.6E	082/---	85.2	6500/6200	B
ATS ROUTE W149 T/W							
2	LHI NDB	313144.1S	1590422.6E	---/242			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	EKIDA	315836.1S	1564648.6E	244/244	120.3	4500/4500	L
2	GOANA	322629.8S	1540923.5E	246/246	136.4	1500/1500	L
1	NELSN	324334.8S	1521912.6E	247/247	94.6	3000/2600	L
3	WLM NDB	324812.1S	1514943.6E	247/---	25.3	3000/2600	L
ATS ROUTE W151 T/W							
2	ATGOD	351041.4S	1500202.1E	---/171			
3	BOPKU	353256.9S	1500021.5E	170/170	22.3	0/0	L
1	MER NDB	365451.3S	1495358.0E	170/---	82.0	0/0	L
ATS ROUTE W152 T/W							
3	NONUM	165500.7S	1452442.7E	---/189			
5	DOTTE	184154.0S	1445242.0E	189/189	110.8	5700/6000	L
3	HUG NDB	204914.2S	1441344.5E	189/153	132.1	4900/4800	L
3	SLASH	222300.0S	1444954.0E	153/153	99.3	3000/3000	L
3	MOVBA	233330.0S	1451752.8E	152/111	74.9	2800/2400	L
5	GUVUS	243836.0S	1472724.0E	110/109	135.1	5400/5400	L
3	UNVAT	254809.9S	1495346.5E	107/---	149.8	5500/5500	L
ATS ROUTE W159 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/080			
2	PAGTA	284000.0S	1152600.0E	080/095	39.1	2500/2500	L
1	ENVOS	284555.0S	1165817.0E	094/---	81.4	3200/3200	L
ATS ROUTE W165 T/W							
2	PD VOR	202242.5S	1183721.8E	---/111			
3	ALAKU	210016.2S	1201613.7E	111/110	100.0	2800/2800	B
4	VALRA	214241.4S	1221248.0E	109/---	116.7	3100/2900	B
ATS ROUTE W168 T/W							
3	CWR NDB	335041.6S	1483911.7E	---/100			
3	ANNKY	341401.6S	1494845.9E	099/---	62.3	4800/4800	L
ATS ROUTE W169 T/W							
3	HUUGO	280523.3S	1525529.2E	---/200			
3	TW VOR	310357.9S	1504948.9E	200/---	209.1	6400/6400	L
ATS ROUTE W172 T/W							
1	PH VOR	315642.2S	1155733.2E	---/155			
1	SOLUS	322854.1S	1161641.3E	155/155	36.0	3400/3400	L
2	JOSBU	330812.6S	1164024.2E	155/---	44.0	3400/3400	L
ATS ROUTE W177 T/W							
2	AS VOR	234734.4S	1335241.6E	---/360			
3	BERBU	224736.5S	1335705.8E	360/360	59.9	5000/5300	L
2	KIKAN	212152.2S	1340323.7E	360/360	85.6	4800/5000	L
4	TNK VOR	193805.1S	1341055.0E	000/---	103.6	3700/3700	L
ATS ROUTE W183 T/W							
3	TW VOR	310357.9S	1504948.9E	---/168			
3	LALIB	320205.1S	1504951.7E	168/---	58.0	6200/6200	L
ATS ROUTE W184 T/W							
3	AVBEG	344942.2S	1490231.7E	---/357			
3	ENVOL	335507.1S	1491311.2E	357/357	55.2	4700/4700	B
2	SPLIZ	324325.1S	1492651.0E	357/---	72.5	5000/5000	B
ATS ROUTE W185 T/W							
1	OVLUK	303538.6S	1164647.2E	---/161			
3	CUN NDB	313730.3S	1171326.5E	161/189	65.8	2700/2700	L
3	VEMON	323221.5S	1170428.1E	189/168	55.3	3000/3000	L
3	OCKLY	324852.1S	1170916.0E	168/167	17.0	2800/2800	L
1	PAVSO	342753.7S	1173928.6E	167/167	102.0	3800/3800	L
1	ABA NDB	345707.8S	1174837.9E	167/---	30.1	3800/3800	L
ATS ROUTE W186 T/W							
3	SUSGI	253541.9S	1514023.4E	---/291			
3	KRATT	245012.0S	1502000.0E	293/293	85.9	3400/3900	L
2	EML NDB	233402.8S	1481015.8E	294/---	140.8	4500/4400	L
ATS ROUTE W188 T/W							
3	TEMIS	371222.8S	1455006.2E	---/205			
1	LACEY	373304.9S	1453013.3E	206/205	26.1	5500/5500	L
1	COLDS	374239.5S	1452058.2E	206/206	12.1	4900/4900	L
1	LEKUN	374658.1S	1451646.7E	206/206	5.4	3600/3600	L
1	MB NDB	375835.4S	1450525.2E	206/---	14.7	3600/3600	L
ATS ROUTE W189 T/W							
3	DULIN	273855.5S	1524324.6E	---/042			
3	BN VOR	272157.9S	1530821.2E	041/---	27.9	2800/2800	B
ATS ROUTE W190 T/W							
3	ML VOR	373936.5S	1445031.2E	---/206			
1	AV VOR	380256.0S	1442732.2E	206/---	29.6	2600/2600	L
ATS ROUTE W191 T/W							
3	ESDIG	374432.1S	1434524.0E	---/258			
3	MTG VOR	374505.0S	1404707.0E	261/---	141.4	4100/4100	L
ATS ROUTE W192 T/W							
2	MUDGI	323339.3S	1493537.3E	---/336			
5	ANBAN	311948.1S	1491614.4E	336/068	75.5	4300/4300	L
3	TW VOR	310357.9S	1504948.9E	067/111	81.8	4500/4500	L
3	SANAD	312311.0S	1512444.6E	111/043	35.6	5900/5900	L
2	CFS VOR	301910.2S	1530715.2E	042/357	108.9	6200/6200	L
1	TUCAB	292848.0S	1531606.0E	357/357	50.8	3300/3300	L
3	TUCKI	285518.0S	1532212.0E	357/357	33.8	2500/2500	L
3	GOMOL	281008.2S	1533014.7E	357/312	45.6	4200/4200	L
1	MOOVI	275448.7S	1531741.7E	313/313	18.9	3400/3400	L
1	ENKOG	273413.1S	1530057.7E	313/---	25.3	3400/3400	L
ATS ROUTE W193 T/W							
2	DN VOR	122523.8S	1305423.3E	---/127			
1	HODDA	131604.4S	1315755.6E	127/127	80.0	2400/2900	L
3	DOSBO	135718.0S	1325012.2E	126/126	65.4	3000/3400	L
2	SNOOD	150930.2S	1342307.3E	125/125	115.3	3000/3000	L
2	ENRES	162646.0S	1360440.9E	124/139	124.5	2500/2400	L
2	LERGU	193419.9S	1383445.7E	137/137	235.3	2900/2900	L
3	MA VOR	203952.6S	1392908.3E	136/---	83.0	3200/3200	L
ATS ROUTE W195 T/W							
3	SANAD	312311.0S	1512444.6E	---/165			
3	TIMBO	321023.5S	1512741.6E	165/162	47.2	6600/6600	L
3	MATLA	324517.6S	1513154.7E	162/---	35.0	6600/6600	L
ATS ROUTE W196 LIMITED SEG T/W							
3	UNVAT	254809.9S	1495346.5E	---/117			
1	JEDDA	270925.6S	1515710.3E	115/115	137.2	5300/5300	L
3	DULIN	273855.5S	1524324.6E	114/116	50.6	5300/4200	L
3	GOMOL	281008.2S	1533014.7E	115/164	51.9	3700/3700	L
1	BNA NDB	285004.2S	1533344.6E	164/183	39.9	3700/3700	L
2	CFS VOR	301910.2S	1530715.2E	183/189	91.8	3300/3300	L
1	KADSI	310329.5S	1524724.5E	189/184	47.4	3100/3100	L
2	UGPOT	315322.2S	1523034.1E	184/---	51.8	4000/4000	L
ATS ROUTE W198 T/W							
2	RUDEY	272309.3S	1522326.7E	---/239			
1	BIVAT	273231.4S	1515443.1E	239/249	27.2	4100/4100	L
1	LUKEY	273500.9S	1513936.7E	249/249	13.7	4000/5900	L
3	LOFFA	274900.0S	1501118.0E	250/250	79.6	4000/5900	L
2	SGE NDB	280249.8S	1483549.8E	251/---	85.7	3300/3300	L
ATS ROUTE W200 T/W							
3	AD VOR	345649.1S	1383128.3E	---/022			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	PF NDB	344747.3S	1383752.2E	022/---	10.4	2400/2400	L
ATS ROUTE W202 T/W							
2	CIN VOR	173519.6S	1235107.2E	---/099			
3	GUBVO	175348.0S	1253636.0E	098/098	102.3	3000/4300	L
1	HLC NDB	181359.2S	1274020.8E	097/---	119.6	3800/4300	L
ATS ROUTE W203 T/W							
1	RIBLI	422824.0S	1470042.0E	---/354			
1	MORGO	421018.0S	1470439.9E	354/354	18.3	5800/5800	L
3	LT VOR	413237.8S	1471247.7E	354/---	38.1	5800/5800	L
ATS ROUTE W206 T/W							
2	TOPIR	291100.0S	1164007.1E	---/177			
1	OVLUK	303538.6S	1164647.2E	177/---	84.6	2800/2800	L
ATS ROUTE W207 T/W							
1	SU VOR	263551.7S	1530525.1E	---/224			
1	SURPO	265508.2S	1523422.2E	225/226	33.8	3600/3600	L
3	OK VOR	272358.8S	1514416.3E	227/181	53.1	3900/3900	L
2	IVL NDB	295304.9S	1510823.9E	181/204	152.0	5500/4900	L
3	OLRON	305714.9S	1501453.7E	205/206	79.0	5000/5000	L
1	IVTET	310925.7S	1500357.4E	206/206	15.4	3900/3900	L
2	PKS VOR	330752.6S	1481414.3E	207/---	150.5	3900/3900	L
ATS ROUTE W213 T/W							
1	HLC NDB	181359.2S	1274020.8E	---/269			
2	UNSOV	181105.1S	1253325.3E	270/---	120.9	3800/3800	L
ATS ROUTE W214 T/W							
3	GOMOL	281008.2S	1533014.7E	---/198			
3	IDNER	285228.5S	1530252.7E	198/166	48.6	5200/5300	L
2	CFS VOR	301910.2S	1530715.2E	165/---	86.6	3800/3600	L
ATS ROUTE W217 T/W							
1	VEKLO	420515.1S	1473952.6E	---/313			
3	LT VOR	413237.8S	1471247.7E	314/---	38.4	4700/4700	L
ATS ROUTE W218 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/166			
2	ANTLA	400000.1S	1471116.0E	165/165	113.2	2300/2600	L
1	VIMAP	403927.4S	1471154.2E	165/165	39.4	2700/1700	L
2	LT VOR	413237.8S	1471247.7E	165/---	53.1	6000/5300	B
ATS ROUTE W219 T/W							
3	LTV NDB	381209.1S	1462832.6E	---/158			
2	ELMOR	400000.1S	1465136.5E	157/157	109.2	3900/6500	L
3	LT VOR	413237.8S	1471247.7E	155/---	94.0	5300/5300	L
ATS ROUTE W222 T/W							
1	OMBIS	370253.0S	1472004.0E	---/026			
2	SOVRU	363206.0S	1475042.0E	026/029	39.4	0/0	L
3	CB VOR	351653.2S	1491144.6E	028/---	99.9	0/0	L
ATS ROUTE W226 T/W							
2	GV VOR	121554.1S	1364859.1E	---/239			
3	DUMPA	132652.9S	1343049.0E	240/240	152.3	2900/2900	L
3	TRUKA	135826.5S	1332809.0E	240/240	68.6	2900/2900	L
4	TN VOR	143109.1S	1322215.6E	241/247	71.8	2900/2900	L
3	NUTTA	150031.9S	1305815.9E	248/248	86.5	2600/2600	L
2	KU VOR	154631.7S	1284231.4E	249/294	138.9	2700/2700	L
2	EGUMI	153035.2S	1280905.4E	294/285	36.0	2800/2800	L
3	OLMAR	144724.8S	1254933.0E	286/---	141.6	3100/3100	L
ATS ROUTE W228 T/W							
1	SAGLI	261816.0S	1525259.0E	---/292			
3	SUSGI	253541.9S	1514023.4E	293/313	78.0	3900/3900	L
1	COBES	231653.9S	1494948.2E	315/315	171.2	4600/4600	L
1	COCKA	230230.7S	1493829.5E	315/315	17.7	5200/5200	L
3	LINSU	203528.7S	1474706.4E	317/---	179.5	5200/5200	L
ATS ROUTE W231 T/W							
1	SAGLI	261816.0S	1525259.0E	---/317			
3	AVLAN	260524.0S	1524400.0E	317/316	15.2	3100/3100	L
1	KASPA	254846.7S	1523209.6E	317/317	19.7	3400/4300	L
2	KETEN	250417.3S	1520128.0E	318/318	52.3	3900/4300	L
3	GLA VOR	235154.9S	1511215.9E	319/---	85.0	4500/4600	L
ATS ROUTE W232 T/W							
3	TL VOR	191439.1S	1464529.1E	---/160			
5	OLDER	211112.0S	1471342.0E	159/159	119.1	5300/5500	L
3	LUKPU	224622.8S	1473729.8E	159/---	97.4	4200/3200	L
ATS ROUTE W235 T/W							
3	BORLI	341458.0S	1460355.3E	---/118			
3	WG VOR	350956.7S	1472808.7E	116/---	88.5	2900/2900	L
ATS ROUTE W237 T/W							
2	DN VOR	122523.8S	1305423.3E	---/251			
3	NUBKO	124758.5S	1293550.7E	252/252	80.0	1600/1900	L
3	NAILA	131255.0S	1280714.0E	252/252	90.0	1500/1600	L
1	PUPIV	134517.2S	1260855.3E	253/---	119.7	2500/1500	L
ATS ROUTE W238 T/W							
1	GOKIB	302907.0S	1365236.0E	---/155			
3	AVPAS	323134.6S	1374204.0E	153/157	129.3	4200/4200	L
3	ACTIN	333013.3S	1380133.3E	157/157	60.8	3400/4600	L
1	RUKNA	340806.0S	1381430.5E	156/156	39.3	3400/3400	L
1	HOLIT	342756.9S	1382122.7E	156/156	20.6	3400/3400	L
3	AD VOR	345649.1S	1383128.3E	156/---	30.0	3400/3400	L
ATS ROUTE W240 T/W							
3	LRE NDB	232542.3S	1441720.9E	---/091			
3	MOVBA	233330.0S	1451752.8E	090/063	56.2	2400/2400	L
5	NOKAV	230712.0S	1463654.0E	062/062	77.3	3200/3200	L
3	LUKPU	224622.8S	1473729.8E	061/067	59.7	3900/3900	L
1	ESLAR	223551.5S	1482104.0E	067/104	41.6	4200/4200	L
3	LEMER	230433.6S	1493732.2E	103/103	76.2	4500/4500	L
3	RK VOR	232258.1S	1502817.5E	102/---	50.2	4500/4500	L
ATS ROUTE W241 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/240			
3	CB VOR	351653.2S	1491144.6E	241/---	68.6	5100/4800	L
ATS ROUTE W245 T/W							
3	ESDIG	374432.1S	1434524.0E	---/262			
1	HML NDB	373857.4S	1420328.3E	264/---	81.1	4100/4100	L
ATS ROUTE W247 T/W							
2	EML NDB	233402.8S	1481015.8E	---/105			
2	RUROX	242938.9S	1503411.6E	103/095	142.9	4500/4500	L
3	BUD NDB	245423.7S	1521913.1E	094/140	98.8	4500/4500	L
1	SOSTU	253110.9S	1524235.8E	139/158	42.4	1700/1700	L
1	SAGLI	261816.0S	1525259.0E	158/137	47.9	3100/3100	L
1	SU VOR	263551.7S	1530525.1E	137/152	20.8	3100/3100	L
1	BUGNU	265112.5S	1531038.2E	152/173	16.0	2300/2300	L
1	BN VOR	272157.9S	1530821.2E	173/---	30.7	2100/2100	L
ATS ROUTE W256 T/W							
3	DULIN	273855.5S	1524324.6E	---/137			
1	BNA NDB	285004.2S	1533344.6E	136/200	83.7	5300/5300	L
3	LOSKU	302932.8S	1522133.1E	201/255	117.5	6500/6500	L
4	ARM NDB	303138.3S	1513654.1E	255/---	38.6	6600/6600	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE W257 T/W						
2	CIN VOR	173519.6S	1235107.2E	---/211			
2	OSVOL	201503.6S	1220255.6E	212/212	189.3	2600/2600	B
3	DAMPU	212217.2S	1211607.6E	212/212	80.1	3400/3400	B
4	NWN VOR	232515.9S	1194810.9E	213/---	147.2	4100/4100	B
	ATS ROUTE W258 T/W						
3	TL VOR	191439.1S	1464529.1E	---/137			
3	JEMMA	194910.6S	1471130.4E	137/137	42.3	5500/5500	B
3	LINSU	203528.7S	1474706.4E	136/131	57.0	3400/3400	B
3	LERKI	222848.0S	1493500.0E	129/155	151.2	5200/5600	B
2	COBES	231653.9S	1494948.2E	155/---	49.8	4500/4500	L
	ATS ROUTE W260 T/W						
2	GEL VOR	284725.2S	1144222.0E	---/028			
3	AVKAN	270200.0S	1154124.0E	027/027	117.4	2800/3200	L
4	BANKS	250112.0S	1164630.0E	026/026	134.0	5100/4000	L
2	PBO VOR	231021.4S	1174413.3E	025/---	122.5	5100/5100	L
	ATS ROUTE W263 T/W						
2	OLRUX	321548.1S	1252943.7E	---/290			
3	KG VOR	304723.4S	1212710.0E	293/---	225.3	2900/2900	B
	ATS ROUTE W264 T/W						
3	BORLI	341458.0S	1460355.3E	---/184			
3	YANCO	351641.0S	1454354.0E	184/184	63.8	3000/3000	L
3	MNG VOR	365309.2S	1451139.2E	184/---	99.8	3000/3000	L
	ATS ROUTE W265 T/W						
3	AVLUS	203954.1S	1414327.4E	---/068			
2	SIMAS	201428.2S	1431736.6E	067/067	92.0	3100/4200	L
2	THOMO	194129.4S	1451425.9E	066/066	114.8	5300/5300	L
3	TL VOR	191439.1S	1464529.1E	065/---	90.1	4900/4200	L
	ATS ROUTE W266 T/W						
3	CB VOR	351653.2S	1491144.6E	---/278			
3	HOWLY	344600.0S	1473636.0E	280/280	84.0	6100/7500	L
3	BORLI	341458.0S	1460355.3E	281/---	82.6	4500/4500	L
	ATS ROUTE W267 T/W						
3	HUUGO	280523.3S	1525529.2E	---/209			
3	TATEN	282924.0S	1523212.0E	209/210	31.6	5900/5900	L
2	IVL NDB	295304.9S	1510823.9E	210/---	111.1	6400/6400	L
	ATS ROUTE W270 T/W						
3	DULIN	273855.5S	1524324.6E	---/274			
1	GERBL	273429.6S	1522538.4E	275/275	16.4	2700/2700	L
3	OK VOR	272358.8S	1514416.3E	275/303	38.3	4100/4100	L
3	UNVAT	254809.9S	1495346.5E	305/315	137.6	3200/3600	L
5	OVENS	245912.0S	1491518.0E	315/315	60.0	3900/3900	L
2	EML NDB	233402.8S	1481015.8E	317/---	103.6	3900/3900	L
	ATS ROUTE W271 T/W						
3	ESP VOR	334050.1S	1214925.6E	---/359			
3	MUBID	321140.1S	1214756.6E	359/347	89.0	3000/3000	L
3	KG VOR	304723.4S	1212710.0E	347/327	86.0	3000/3000	L
3	WALLI	292730.6S	1202925.2E	328/328	94.1	3400/3400	L
3	YINGA	274406.9S	1191728.1E	328/328	121.0	3600/3400	L
2	MEK VOR	263625.3S	1183157.0E	329/347	78.8	3600/3400	L
3	IBUPA	244837.7S	1180632.7E	348/348	109.9	4700/4700	L
2	PBO VOR	231021.4S	1174413.3E	348/339	100.1	4700/4700	L
3	WEBBA	215342.0S	1171348.0E	339/339	81.4	5300/5300	L
2	KA VOR	204254.3S	1164626.2E	340/---	75.0	4700/4700	L
	ATS ROUTE W274 T/W						
2	AYE NDB	251021.7S	1305829.3E	---/136			
3	CAULI	262730.0S	1321148.0E	135/135	101.4	6100/6100	L
4	RIGBO	274436.0S	1332736.0E	134/135	102.4	5600/6100	L
1	CBP NDB	290154.5S	1344325.6E	133/144	102.1	3300/2700	L
3	MEBAH	301324.0S	1353300.0E	143/144	83.4	2200/2400	L
5	SUSPU	312200.0S	1361942.0E	143/143	79.4	2200/2200	L
3	WHA NDB	330329.2S	1373127.2E	141/---	118.2	2700/2700	L
	ATS ROUTE W276 T/W						
3	BN VOR	272157.9S	1530821.2E	---/179			
1	SANEG	274904.2S	1530238.3E	179/158	27.5	2300/2300	L
1	RIDVO	284923.1S	1531526.8E	158/---	61.2	5300/5300	L
	ATS ROUTE W279 T/W						
1	ENKOG	273413.1S	1530057.7E	---/267			
1	IMATI	272919.7S	1522334.5E	267/268	33.6	3200/3200	L
3	OK VOR	272358.8S	1514416.3E	268/246	35.4	4200/4200	L
5	BARTA	274428.0S	1500718.0E	247/247	88.6	3200/3200	L
2	SGE NDB	280249.8S	1483549.8E	248/---	83.1	2800/2700	L
	ATS ROUTE W281 T/W						
4	TN VOR	143109.1S	1322215.6E	---/093			
1	DAPMA	144329.7S	1344419.2E	092/094	138.3	2400/2400	L
3	MRDAK	150836.0S	1382042.0E	092/092	211.0	2200/2600	L
3	VEVAV	152847.3S	1414454.5E	090/105	198.4	1900/1900	L
3	ELNOT	160109.7S	1431722.2E	104/104	94.8	2300/2500	L
3	DAMIL	162118.1S	1441607.9E	103/103	60.0	4800/4500	L
3	CS VOR	165100.1S	1454438.0E	102/---	90.0	5900/5800	L
	ATS ROUTE W283 T/W						
3	LTV NDB	381209.1S	1462832.6E	---/358			
3	AY VOR	360404.8S	1465757.9E	358/---	130.1	7300/7300	L
	ATS ROUTE W285 T/W						
3	GV VOR	121554.1S	1364859.1E	---/070			
4	GILUM	113636.0S	1390048.0E	069/069	135.0	1900/1900	L
3	HID NDB	103531.4S	1421733.2E	068/---	202.8	2300/2300	L
	ATS ROUTE W287 T/W						
3	BRM NDB	175646.7S	1221407.1E	---/066			
1	DBY NDB	172124.6S	1234001.1E	065/070	89.3	2000/2000	L
3	PARAD	170234.5S	1243720.8E	069/069	58.0	2700/3700	L
2	MAMUT	162546.0S	1262553.3E	068/059	110.4	4100/4600	L
2	EGUMI	153035.2S	1280905.4E	059/039	113.6	4100/3900	L
2	LEVRI	132610.4S	1300047.0E	039/039	164.6	2600/2600	L
2	OLTAS	125549.3S	1302738.0E	039/039	40.0	2200/1900	L
2	DN VOR	122523.8S	1305423.3E	039/---	40.0	2200/1900	L
	ATS ROUTE W290 T/W						
3	CB VOR	351653.2S	1491144.6E	---/178			
3	COM NDB	362113.6S	1485727.1E	177/206	65.3	7500/7500	L
3	VISER	372736.0S	1474936.0E	207/206	85.8	7500/7500	L
2	ESL NDB	380640.8S	1470934.4E	206/---	50.3	6300/6300	L
	ATS ROUTE W291 T/W						
4	PUBAP	361856.8S	1413844.2E	---/120			
1	UBGUT	364019.3S	1421005.2E	120/120	33.1	2300/2300	L
3	ESDIG	374432.1S	1434524.0E	118/108	99.5	4800/4800	L
1	ALAXO	375024.0S	1435842.0E	108/107	12.1	3000/3000	L
1	AV VOR	380256.0S	1442732.2E	107/051	26.0	2900/2900	L
1	SAMIG	375542.0S	1444518.0E	051/020	15.8	1800/1800	L
1	ESDAN	374336.3S	1445440.9E	020/---	14.2	2100/2100	L
	ATS ROUTE W292 T/W						
3	BOU NDB	225453.2S	1395425.1E	---/008			
3	CCY NDB	203956.4S	1403003.8E	008/005	138.5	2700/2700	L
5	FLATS	185806.0S	1404948.0E	005/005	103.1	2400/2400	L
2	NTN NDB	174144.7S	1410422.9E	005/003	77.3	2100/2100	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	KERIN	161236.0S	1411742.0E	003/005	89.7	2100/2100	L
5	PUBOX	144424.0S	1413436.0E	005/004	89.3	2100/2100	L
3	WP VOR	124024.8S	1415520.9E	004/005	125.1	2100/2100	L
3	HID NDB	103531.4S	1421733.2E	005/---	126.2	2800/2200	L
ATS ROUTE W294 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/342			
1	VIBID	255337.0S	1133438.0E	342/006	183.5	2400/2400	L
2	CAR VOR	245255.3S	1134022.4E	005/---	60.7	1700/1700	L
ATS ROUTE W296 T/W							
1	MB NDB	375835.4S	1450525.2E	---/352			
1	MOSVO	374330.9S	1450642.7E	352/---	15.1	2100/2100	L
ATS ROUTE W297 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/049			
3	GIPPS	374236.0S	1480506.0E	048/049	50.1	3900/3900	L
1	MER NDB	365451.3S	1495358.0E	047/---	99.1	5700/5700	L
ATS ROUTE W308 T/W							
2	NUNPA	400544.3S	1480053.4E	---/291			
3	SUNTI	383027.9S	1451248.7E	295/316	161.5	3900/3900	L
1	SAMIG	375542.0S	1444518.0E	316/---	40.9	2500/2500	L
ATS ROUTE W309 T/W							
3	CS VOR	165100.1S	1454438.0E	---/313			
2	TAMED	145512.0S	1440506.0E	315/315	150.0	5900/5900	L
3	COE NDB	134557.8S	1430702.1E	316/---	89.0	4100/4100	L
ATS ROUTE W310 T/W							
2	PKS VOR	330752.6S	1481414.3E	---/226			
3	BORLI	341458.0S	1460355.3E	228/204	127.7	3200/3200	L
3	MAKIV	353307.3S	1445706.5E	204/183	95.4	2300/2300	L
1	UGPUR	360955.4S	1444552.5E	183/177	37.9	2100/2100	L
1	DORSU	364824.0S	1443906.0E	177/---	38.8	2900/2900	L
ATS ROUTE W311 T/W							
1	BIVAT	273231.4S	1515443.1E	---/081			
1	WOBBL	273322.2S	1522514.9E	081/081	27.2	5100/5100	L
1	ENKOG	273413.1S	1530057.7E	080/---	31.8	5100/5100	L
ATS ROUTE W314 T/W							
3	KG VOR	304723.4S	1212710.0E	---/356			
2	LEO NDB	285243.9S	1211913.0E	356/331	114.6	3100/3100	L
3	LST NDB	275026.3S	1204201.0E	331/---	70.3	3300/3300	L
ATS ROUTE W318 T/W							
3	TW VOR	310357.9S	1504948.9E	---/320			
3	MOR NDB	292950.2S	1495105.6E	321/---	106.8	6500/6500	L
ATS ROUTE W319 T/W							
3	NONUM	165500.7S	1452442.7E	---/226			
3	ISMUN	181739.9S	1433256.6E	226/232	134.8	4800/5200	L
3	IKOLA	192412.0S	1414100.0E	232/232	125.2	2800/4300	L
3	MA VOR	203952.6S	1392908.3E	234/---	145.2	3400/3200	L
ATS ROUTE W321 T/W							
2	LM VOR	221405.4S	1140538.9E	---/106			
2	WYLOO	224822.8S	1161546.8E	105/105	125.2	3800/3400	L
2	PBO VOR	231021.4S	1174413.3E	104/097	84.5	4800/4500	L
4	NWN VOR	232515.9S	1194810.9E	096/---	115.1	5300/5300	L
ATS ROUTE W325 T/W							
3	AD VOR	345649.1S	1383128.3E	---/033			
1	BEVSO	341850.5S	1391058.6E	032/032	50.0	3500/3800	L
1	BEPKA	341113.7S	1391847.9E	032/032	10.0	3500/3800	L
3	DOTBO	334818.5S	1394209.2E	032/032	30.0	3500/3800	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	ALTRO	330958.1S	1402035.4E	031/031	50.0	3500/3800	L
2	BHI VOR	320002.4S	1412847.9E	031/002	90.5	3500/3800	L
3	PAKVU	305000.0S	1414436.0E	002/003	71.2	2900/2900	L
3	IDKEG	292646.9S	1420329.3E	003/---	84.6	2500/2700	L
ATS ROUTE W330 T/W							
3	TW VOR	310357.9S	1504948.9E	---/055			
3	LOSKU	302932.8S	1522133.1E	054/064	86.2	6600/6600	L
2	CFS VOR	301910.2S	1530715.2E	063/---	40.9	6600/6600	L
ATS ROUTE W331 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/294			
5	ARUTA	253230.0S	1470948.0E	296/296	106.0	4100/4500	L
3	BELUL	242534.5S	1452609.1E	298/305	115.4	4000/4100	L
3	LRE NDB	232542.3S	1441720.9E	306/330	86.8	2400/2400	L
3	AKINU	204151.7S	1430636.2E	332/---	176.0	2600/2600	L
ATS ROUTE W334 T/W							
1	VEGAH	292436.0S	1524924.0E	---/141			
3	GFN NDB	294535.0S	1530138.8E	141/206	23.5	3700/3100	L
3	LOSKU	302932.8S	1522133.1E	207/---	56.0	6500/6500	L
ATS ROUTE W335 T/W							
3	AY VOR	360404.8S	1465757.9E	---/048			
5	COPPA	354654.0S	1473454.0E	048/048	34.6	4700/4900	L
1	WOLBI	352854.0S	1481230.0E	047/047	35.5	6000/6000	L
1	IGDEL	351537.7S	1484003.4E	047/---	26.1	6700/6700	L
ATS ROUTE W338 T/W							
3	RK VOR	232258.1S	1502817.5E	---/255			
2	EML NDB	233402.8S	1481015.8E	257/242	127.4	4500/4100	L
2	BELUL	242534.5S	1452609.1E	244/240	158.8	3900/4500	L
2	WDH NDB	252439.3S	1423947.5E	242/253	162.3	2900/3300	L
5	DAPPA	253524.0S	1413030.0E	254/254	63.6	2400/2400	L
3	BDV NDB	255346.6S	1392112.3E	255/---	118.2	2400/2400	L
ATS ROUTE W340 T/W							
3	CCY NDB	203956.4S	1403003.8E	---/123			
5	TINAH	213618.0S	1414518.0E	122/122	90.0	3000/3000	L
3	HOTTA	222936.0S	1425812.0E	121/121	86.1	2400/2400	L
3	LRE NDB	232542.3S	1441720.9E	120/---	92.0	2800/2800	L
ATS ROUTE W341 T/W							
1	WLU NDB	263729.2S	1201312.0E	---/269			
2	MEK VOR	263625.3S	1183157.0E	271/236	90.8	3500/3500	L
1	PIDEN	271226.4S	1173050.1E	237/237	65.4	3800/3800	L
2	TEROG	280212.0S	1160400.0E	238/238	91.7	3500/3500	L
2	GEL VOR	284725.2S	1144222.0E	239/---	84.9	2900/2900	L
ATS ROUTE W342 T/W							
3	OLTIN	323307.7S	1511527.0E	---/012			
3	TIMBO	321023.5S	1512741.6E	012/012	24.9	6600/6600	L
3	JOKER	312500.0S	1515148.0E	012/013	49.7	6600/6600	L
3	LOSKU	302932.8S	1522133.1E	013/---	61.0	6500/6500	L
ATS ROUTE W343 T/W							
3	ENPIM	375251.9S	1473406.7E	---/221			
2	ESL NDB	380640.8S	1470934.4E	222/---	23.8	2400/2400	L
ATS ROUTE W344 T/W							
2	AS VOR	234734.4S	1335241.6E	---/110			
3	MATMA	241954.0S	1351236.0E	109/109	79.9	4200/4600	L
3	ASUBO	252348.0S	1375900.0E	106/106	164.2	3100/3800	L
3	BDV NDB	255346.6S	1392112.3E	105/---	80.1	1900/1900	L
ATS ROUTE W347 T/W							
1	MAKOR	330644.0S	1510821.5E	---/030			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4  5 

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	MATLA	324517.6S	1513154.7E	030/349	29.2	3500/3500	L
4	ARM NDB	303138.3S	1513654.1E	350/353	133.4	6600/6600	L
3	MASMI	294020.3S	1514141.9E	353/349	51.3	6400/6400	L
3	OK VOR	272358.8S	1514416.3E	350/347	136.0	5800/6400	L
3	SUSGI	253541.9S	1514023.4E	348/336	108.0	5200/5200	L
3	GLA VOR	235154.9S	1511215.9E	337/---	106.6	4500/4500	L
ATS ROUTE W349 T/W							
3	BOU NDB	225453.2S	1395425.1E	---/344			
3	MA VOR	203952.6S	1392908.3E	345/355	136.6	4000/4000	L
5	MYALL	190600.0S	1393036.0E	356/356	93.5	3200/3200	L
1	IPLAV	174503.9S	1393154.3E	356/337	80.6	2700/2700	L
1	VESOP	163933.0S	1391013.4E	338/---	68.5	1500/1500	L
ATS ROUTE W353 T/W							
2	AGETA	300143.1S	1480742.3E	---/001			
2	SGE NDB	280249.8S	1483549.8E	002/082	121.1	2200/2200	L
3	OLGUM	280500.0S	1502000.0E	080/080	92.2	2700/2800	L
3	VIRAP	280536.0S	1515700.0E	079/079	85.8	5900/4400	L
1	DEBEE	280533.9S	1522050.0E	079/079	21.1	5900/5900	L
3	HUUGO	280523.3S	1525529.2E	078/---	30.6	5900/5900	L
ATS ROUTE W354 T/W							
3	BN VOR	272157.9S	1530821.2E	---/197			
1	ENKOG	273413.1S	1530057.7E	197/242	13.9	2300/2300	L
3	DULIN	273855.5S	1524324.6E	242/---	16.3	2700/4000	L
ATS ROUTE W356 T/W							
2	DN VOR	122523.8S	1305423.3E	---/120			
3	OPUDA	130748.2S	1320354.2E	119/119	80.0	2200/2600	L
3	TRUKA	135826.5S	1332809.0E	119/119	96.3	3000/3000	L
1	DAPMA	144329.7S	1344419.2E	118/129	86.5	3000/3000	L
1	IBUSU	160438.3S	1361818.1E	128/143	121.5	2200/2200	L
3	YARDD	172018.0S	1370918.0E	143/142	89.9	2600/2700	L
3	LITEL	183430.0S	1380030.0E	142/142	88.6	2900/2900	L
3	MA VOR	203952.6S	1392908.3E	140/129	150.3	3200/3200	L
5	MADLU	222400.0S	1412536.0E	127/127	150.2	3400/3400	L
5	MANSA	240918.0S	1432812.0E	125/125	154.1	2700/2700	L
3	IPMAD	254936.0S	1453006.0E	123/123	149.2	3300/3000	L
3	CV NDB	262512.1S	1461456.4E	122/094	53.7	3000/2800	L
5	RIRSA	264654.0S	1480648.0E	092/092	102.6	3400/3800	L
5	ALONE	270600.0S	1495330.0E	091/091	97.2	3500/3500	L
3	OK VOR	272358.8S	1514416.3E	089/131	100.3	4200/3200	L
1	DEBEE	280533.9S	1522050.0E	131/131	52.7	5900/5900	L
3	IDNER	285228.5S	1530252.7E	130/---	59.7	5900/5900	L
ATS ROUTE W357 T/W							
1	DORSU	364824.0S	1443906.0E	---/025			
4	VINOP	344207.1S	1463100.8E	024/032	155.5	3200/4100	L
2	PKS VOR	330752.6S	1481414.3E	030/---	127.4	3200/3200	L
ATS ROUTE W359 T/W							
2	MUDGI	323339.3S	1493537.3E	---/025			
3	NIXUG	312934.2S	1503125.6E	025/020	79.6	5500/5500	L
3	TW VOR	310357.9S	1504948.9E	020/---	30.0	4700/4700	L
ATS ROUTE W364 T/W							
2	DN VOR	122523.8S	1305423.3E	---/082			
3	WOOFA	121652.8S	1321538.5E	081/081	80.0	1800/1800	L
1	MGD NDB	120345.9S	1341354.0E	081/090	116.6	2700/2400	L
1	SAKEN	120540.0S	1345336.0E	090/081	38.9	1600/1600	L
1	MAKON	120110.0S	1353415.0E	080/098	40.1	1600/1600	L
3	GV VOR	121554.1S	1364859.1E	098/121	74.7	1900/1900	L
2	BUPMO	130048.0S	1375654.0E	120/120	80.0	1800/1800	L
2	GULFF	142200.0S	1400000.0E	119/119	144.6	1500/1500	L
3	VEVAV	152847.3S	1414454.5E	118/---	121.4	1500/1500	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W368 T/W							
1	KADOM	334238.9S	1501758.6E	---/062			
1	STUIE	333549.0S	1504635.0E	061/---	24.8	5000/5000	L
ATS ROUTE W369 T/W							
3	BN VOR	272157.9S	1530821.2E	---/257			
2	RUDEY	272309.3S	1522326.7E	258/258	40.0	4100/4100	L
3	OK VOR	272358.8S	1514416.3E	258/276	34.9	4100/4100	L
3	MATVI	271500.6S	1511207.6E	277/277	30.0	3300/3300	L
5	SHIKO	265624.0S	1500700.0E	278/278	61.0	2900/3000	L
2	ROM NDB	263235.1S	1484654.1E	279/263	75.5	3100/3100	L
2	CV NDB	262512.1S	1461456.4E	265/265	136.5	3700/3700	L
5	MIPAM	261800.0S	1441142.0E	266/266	110.9	2800/2900	L
5	PEPPY	260636.0S	1413930.0E	268/268	137.4	2500/2700	L
3	BDV NDB	255346.6S	1392112.3E	270/---	125.3	2400/2400	L
ATS ROUTE W371 T/W							
3	DULIN	273855.5S	1524324.6E	---/091			
3	LAGOB	274541.1S	1532003.6E	090/---	33.2	2900/2900	L
ATS ROUTE W377 T/W							
5	UGVER	353730.3S	1472801.6E	---/065			
1	WOLBI	352854.0S	1481230.0E	064/064	37.3	6700/6700	L
3	CB VOR	351653.2S	1491144.6E	063/---	49.9	7500/7200	L
ATS ROUTE W379 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/044			
3	UNVAT	254809.9S	1495346.5E	044/---	74.7	3700/3700	L
ATS ROUTE W381 T/W							
4	ARM NDB	303138.3S	1513654.1E	---/119			
1	PMQ NDB	312608.4S	1525200.3E	117/---	84.4	5700/5700	L
ATS ROUTE W382 T/W							
1	ALAXO	375024.0S	1435842.0E	---/070			
1	IGNES	374634.4S	1443041.6E	070/070	25.6	2900/0	L
1	ESDAN	374336.3S	1445440.9E	069/139	19.3	2900/0	L
1	MB NDB	375835.4S	1450525.2E	138/---	17.2	2200/2200	L
ATS ROUTE W386 T/W							
3	KADOM	334238.9S	1501758.6E	---/286			
3	BTH NDB	332450.6S	1493925.2E	287/262	36.8	5900/5900	L
1	VIRUR	332259.3S	1490727.8E	262/239	26.8	5200/5200	L
3	BUGNI	335608.4S	1471124.3E	240/---	102.4	6100/6100	L
ATS ROUTE W387 T/W							
3	ISMUN	181739.9S	1433256.6E	---/072			
3	KIBOP	175811.0S	1450649.9E	071/123	91.5	5000/5000	L
3	ENDET	182405.2S	1453957.7E	122/122	40.7	5400/5100	L
3	CARMN	185157.3S	1461555.1E	122/122	44.0	5400/5100	L
2	TL VOR	191439.1S	1464529.1E	122/083	36.0	4900/4900	L
1	LINBO	191506.0S	1472718.0E	083/130	39.6	3300/4300	L
3	ALBUX	200116.3S	1481254.9E	129/138	63.0	3900/3900	L
3	PN VOR	202948.8S	1483310.7E	138/131	34.2	3800/3800	L
3	MK VOR	211022.8S	1491114.0E	130/---	53.9	3400/3400	L
ATS ROUTE W388 T/W							
2	MENEN	263452.0S	1515029.0E	---/133			
2	DULIN	273855.5S	1524324.6E	132/---	79.4	3800/3800	L
ATS ROUTE W389 T/W							
2	NUNPA	400544.3S	1480053.4E	---/213			
2	IRSOM	411012.0S	1462603.2E	215/207	96.8	3100/3100	L
5	GOMOM	420910.2S	1451741.4E	207/---	78.1	6500/6500	L
ATS ROUTE W391 T/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◺

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
5	UGVER	353730.3S	1472801.6E	---/348			
3	WG VOR	350956.7S	1472808.7E	348/337	27.5	4400/4400	L
3	BUGNI	335608.4S	1471124.3E	338/---	75.0	3100/3100	L
ATS ROUTE W394 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/043			
2	RARIE	255206.0S	1173318.0E	040/040	231.8	4100/4100	L
4	NWN VOR	232515.9S	1194810.9E	039/046	191.1	4700/4700	L
4	DAZZA	212954.0S	1215918.0E	045/045	167.2	4100/4100	L
2	FAFKA	195706.0S	1234048.0E	044/044	132.7	3000/3300	L
2	UNSOV	181105.1S	1253325.3E	043/050	150.1	2700/2700	L
2	KU VOR	154631.7S	1284231.4E	049/---	231.4	4700/4700	L
ATS ROUTE W399 T/W							
1	COR NDB	355914.9S	1462125.9E	---/057			
5	UGVER	353730.3S	1472801.6E	056/047	58.4	3600/3600	L
3	AVBEG	344942.2S	1490231.7E	045/---	90.9	6000/6000	L
ATS ROUTE W402 T/W							
1	IPLAV	174503.9S	1393154.3E	---/083			
2	NTN NDB	174144.7S	1410422.9E	082/---	88.3	1500/1500	L
ATS ROUTE W403 T/W							
1	KADSI	310329.5S	1524724.5E	---/213			
3	SORTI	314915.5S	1515245.0E	214/---	65.4	5900/6700	L
ATS ROUTE W404 T/W							
4	NONOK	163754.1S	1282655.5E	---/238			
3	SUNIL	165600.0S	1275354.0E	238/238	36.5	4700/4000	L
2	UNSOV	181105.1S	1253325.3E	239/272	153.6	4700/4700	L
2	ALIRA	180345.6S	1234845.9E	273/273	99.9	2600/2600	L
3	BRM NDB	175646.7S	1221407.1E	273/---	90.5	2600/2600	L
ATS ROUTE W405 T/W							
3	ML VOR	373936.5S	1445031.2E	---/187			
1	MENOG	380804.7S	1443828.2E	187/187	30.0	2100/2100	L
1	TAITE	383132.0S	1442825.0E	187/187	24.7	1900/2200	L
2	TUVRA	391426.7S	1440946.4E	187/187	45.3	1800/2300	L
4	KII NDB	395320.8S	1435231.2E	187/---	41.1	1800/1800	L
ATS ROUTE W407 LIMITED SEG T/W							
2	ESL NDB	380640.8S	1470934.4E	---/149			
2	NUNPA	400544.3S	1480053.4E	147/156	125.5	3100/3100	L
2	MOTRA	412007.4S	1481654.1E	155/185	75.3	4000/4000	L
1	IPLET	422052.8S	1474648.5E	185/185	64.8	4800/6000	L
2	TASUM	425049.6S	1473136.0E	185/---	32.0	4800/6000	L
ATS ROUTE W408 T/W							
3	KG VOR	304723.4S	1212710.0E	---/045			
2	KAPSU	282413.8S	1240935.5E	042/042	201.1	3200/3300	L
3	WBR NDB	260741.4S	1263446.9E	040/075	187.8	3400/3400	L
3	UPRUN	252759.7S	1294135.3E	073/073	173.2	5600/5600	L
2	AYE NDB	251021.7S	1305829.3E	072/064	71.9	5600/5600	B
3	LUVAV	243630.5S	1322949.5E	063/053	89.6	3800/3800	B
1	PUMAK	240713.1S	1331942.3E	053/053	54.1	4400/4400	B
1	YOTHU	235546.4S	1333858.0E	053/053	21.0	4000/4000	B
2	AS VOR	234734.4S	1335241.6E	053/---	15.0	4200/4200	B
ATS ROUTE W409 T/W							
1	SU VOR	263551.7S	1530525.1E	---/183			
1	MOMGI	264535.8S	1530244.3E	183/183	10.0	0/0	L
1	BURPA	270423.0S	1525732.7E	183/---	19.3	0/0	L
ATS ROUTE W410 T/W							
5	GOMOM	420910.2S	1451741.4E	---/053			
2	MIKIS	414624.0S	1462742.0E	052/054	57.0	6700/6700	L
3	LT VOR	413237.8S	1471247.7E	053/061	36.5	6300/6300	L
2	MOTRA	412007.4S	1481654.1E	060/---	49.8	6600/6600	L
ATS ROUTE W411 T/W							
3	DULIN	273855.5S	1524324.6E	---/193			
1	VONDO	281806.4S	1522346.8E	193/193	42.8	5900/5900	L
3	MASMI	294020.3S	1514141.9E	193/197	89.9	5700/5700	L
1	POSUT	300639.5S	1512533.0E	197/197	29.8	6100/6100	L
3	TW VOR	310357.9S	1504948.9E	197/216	65.0	5300/5300	L
1	ATVAV	311238.3S	1503842.6E	216/216	12.9	4500/4500	L
1	OSRAR	315034.0S	1494929.6E	217/229	56.6	5200/5200	L
1	UNSAR	321217.3S	1490448.3E	229/257	43.7	4500/4500	L
4	DU NDB	321303.1S	1483332.7E	257/---	26.5	3100/3100	L
ATS ROUTE W412 T/W							
3	GOMOL	281008.2S	1533014.7E	---/160			
1	WAHAN	283155.0S	1533402.0E	160/163	22.0	2000/2000	L
1	IPNOS	283955.0S	1533456.0E	163/174	8.0	2000/2000	L
1	BNA NDB	285004.2S	1533344.6E	174/---	10.2	2000/2000	L
ATS ROUTE W414 T/W							
3	SWH NDB	352249.8S	1433225.1E	---/214			
1	TURBI	361910.1S	1422441.5E	215/199	78.7	2000/2000	L
1	UBGUT	364019.3S	1421005.2E	199/---	24.2	2600/2600	L
ATS ROUTE W417 T/W							
1	DBY NDB	172124.6S	1234001.1E	---/113			
2	UNSOV	181105.1S	1253325.3E	112/107	119.0	2600/2600	L
1	PAMDO	183716.8S	1265301.9E	107/061	80.1	3300/3300	L
1	HLC NDB	181359.2S	1274020.8E	060/---	50.6	3700/3700	L
ATS ROUTE W418 T/W							
1	PMQ NDB	312608.4S	1525200.3E	---/359			
2	CFS VOR	301910.2S	1530715.2E	359/340	68.1	3100/3100	L
1	TAXIV	300218.7S	1530425.8E	340/340	17.0	3300/3300	L
3	GFN NDB	294535.0S	1530138.8E	340/---	16.9	3300/3300	L
ATS ROUTE W419 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/230			
3	CWR NDB	335041.6S	1483911.7E	231/232	56.5	5400/5400	L
4	VINOP	344207.1S	1463100.8E	233/225	118.0	3900/3900	L
3	MAKIV	353307.3S	1445706.5E	226/---	92.3	2100/2100	L
ATS ROUTE W422 T/W							
1	ESDAN	374336.3S	1445440.9E	---/234			
1	MAKAT	375233.7S	1442941.4E	234/---	21.7	2600/2600	L
ATS ROUTE W423 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/177			
1	CULIN	344424.0S	1492324.0E	177/184	80.5	5600/5600	L
3	CB VOR	351653.2S	1491144.6E	184/---	33.8	4600/4600	B
ATS ROUTE W424 T/W							
3	AY VOR	360404.8S	1465757.9E	---/242			
1	SHT NDB	362542.1S	1452345.7E	243/226	79.2	3200/3200	L
1	DORSU	364824.0S	1443906.0E	227/---	42.5	3000/3400	L
ATS ROUTE W426 T/W							
3	AD VOR	345649.1S	1383128.3E	---/043			
1	VIRAT	344726.5S	1384538.8E	043/043	15.0	3500/3800	L
1	VILAD	342331.7S	1392059.1E	042/029	37.7	3800/3500	L
5	UNSOX	335308.2S	1394828.7E	028/028	38.0	2100/2000	L
4	ELAPO	330948.0S	1402706.0E	028/029	54.0	2100/2000	L
2	BHI VOR	320002.4S	1412847.9E	028/---	87.0	2800/2600	L
ATS ROUTE W428 T/W							
2	LEC NDB	303555.4S	1382632.1E	---/112			
3	LAROO	311642.0S	1395242.0E	111/110	84.5	5000/5000	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	BHI VOR	320002.4S	1412847.9E	109/094	92.7	3200/2600	L
5	RUNRO	322718.0S	1435636.0E	092/092	128.3	2700/2800	L
3	NODEK	324700.0S	1455342.0E	090/090	100.8	3300/3300	L
2	PKS VOR	330752.6S	1481414.3E	088/---	120.1	3400/3300	L
ATS ROUTE W429 T/W							
1	COR NDB	355914.9S	1462125.9E	---/088			
3	AY VOR	360404.8S	1465757.9E	087/---	30.0	3200/3200	L
ATS ROUTE W431 T/W							
3	WG VOR	350956.7S	1472808.7E	---/029			
1	ASUMU	343738.5S	1480149.9E	029/012	42.5	4600/4600	L
3	METUV	341340.0S	1481443.9E	012/---	26.2	3400/3400	L
ATS ROUTE W434 T/W							
3	TW VOR	310357.9S	1504948.9E	---/040			
4	ARM NDB	303138.3S	1513654.1E	040/047	51.8	5700/5700	L
3	GFN NDB	294535.0S	1530138.8E	046/---	86.7	6300/6600	L
ATS ROUTE W436 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/185			
4	URBOB	355354.1S	1500833.9E	185/178	59.8	4200/4400	L
1	MER NDB	365451.3S	1495358.0E	177/178	62.0	4100/4100	L
3	OTKED	373546.2S	1494306.0E	178/201	41.8	4300/4300	L
3	JANGU	384554.0S	1484130.0E	201/201	85.2	3100/4500	L
2	NIFTI	395354.0S	1473906.0E	202/202	83.4	4000/3100	L
2	IRSOM	411012.0S	1462603.2E	202/---	94.4	6200/3100	L
ATS ROUTE W437 T/W							
3	COM NDB	362113.6S	1485727.1E	---/030			
3	NWA NDB	345704.4S	1503147.2E	029/---	113.9	6300/6300	L
ATS ROUTE W438 T/W							
1	LUTVU	362517.5S	1461816.3E	---/215			
3	BOGES	365109.9S	1454418.5E	215/---	37.6	4100/4100	L
ATS ROUTE W439 T/W							
1	JACKA	384612.0S	1451548.0E	---/171			
3	AUDRA	400000.0S	1450942.0E	171/171	73.9	2000/2300	L
1	DOTVU	404959.4S	1450454.0E	171/---	50.1	1900/1900	L
ATS ROUTE W440 T/W							
2	PKS VOR	330752.6S	1481414.3E	---/295			
3	GAVAS	322000.0S	1465936.0E	297/297	79.0	3300/3300	L
3	CBA NDB	313224.5S	1454755.0E	298/---	77.3	3300/3300	L
ATS ROUTE W441 T/W							
3	TEMIS	371222.8S	1455006.2E	---/076			
3	VALDU	370827.9S	1473307.8E	074/071	82.4	7300/7300	L
1	MER NDB	365451.3S	1495358.0E	069/---	113.6	6900/6900	L
ATS ROUTE W446 T/W							
1	NICLA	320305.0S	1520015.7E	---/022			
1	KADSI	310329.5S	1524724.5E	022/357	71.8	5500/5000	L
3	GFN NDB	294535.0S	1530138.8E	357/000	78.7	5300/5600	L
3	RIDVO	284923.1S	1531526.8E	000/---	57.3	2400/2600	L
ATS ROUTE W448 T/W							
4	MIA VOR	341330.7S	1420438.2E	---/276			
3	MEECE	333736.0S	1393806.0E	279/279	127.1	4000/4000	L
3	WHA NDB	330329.2S	1373127.2E	281/---	111.4	4500/4500	L
ATS ROUTE W449 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/247			
3	LTV NDB	381209.1S	1462832.6E	248/267	32.8	2400/2400	L
3	BULKO	380912.0S	1460606.0E	267/270	17.9	3100/3100	L
1	RAZZI	380100.0S	1451842.0E	270/271	38.3	4400/4400	L
1	MB NDB	375835.4S	1450525.2E	271/268	10.8	2500/2500	L
1	SAMIG	375542.0S	1444518.0E	269/272	16.2	1800/1800	L
1	MAKAT	375233.7S	1442941.4E	273/---	12.7	2900/2400	L
ATS ROUTE W451 T/W							
3	BORLI	341458.0S	1460355.3E	---/258			
3	LEYOX	341518.1S	1440517.8E	260/260	98.3	2200/2200	L
4	MIA VOR	341330.7S	1420438.2E	262/262	100.0	2200/2200	L
3	DOVOD	341132.4S	1404033.4E	263/---	69.8	1900/1900	L
ATS ROUTE W456 T/W							
3	NBR NDB	301914.7S	1494952.1E	---/350			
3	MOR NDB	292950.2S	1495105.6E	350/---	49.3	3200/3200	L
ATS ROUTE W460 T/W							
1	STUIE	333549.0S	1504635.0E	---/268			
3	BTH NDB	332450.6S	1493925.2E	269/271	57.2	5600/5600	L
2	PKS VOR	330752.6S	1481414.3E	272/---	73.4	6100/6100	L
ATS ROUTE W462 T/W							
5	GOMOM	420910.2S	1451741.4E	---/100			
5	PADBU	423154.0S	1462848.0E	098/098	57.4	6200/6200	L
2	TASUM	425049.6S	1473136.0E	096/---	50.0	6200/6200	L
ATS ROUTE W463 T/W							
2	AGETA	300143.1S	1480742.3E	---/325			
5	BEETI	280312.0S	1470518.0E	326/326	130.3	2300/2300	L
3	CV NDB	262512.1S	1461456.4E	327/---	107.5	2800/2600	L
ATS ROUTE W465 T/W							
3	MNG VOR	365309.2S	1451139.2E	---/051			
1	LUTVU	362517.5S	1461816.3E	050/045	60.4	4000/4000	L
3	AY VOR	360404.8S	1465757.9E	044/---	38.5	4200/4200	L
ATS ROUTE W466 T/W							
1	OPUDI	343231.7S	1444957.8E	---/086			
4	VINOP	344207.1S	1463100.8E	085/110	83.9	2100/2100	L
3	WG VOR	350956.7S	1472808.7E	108/---	54.6	2700/2700	L
ATS ROUTE W468 T/W							
3	ONAGI	382816.4S	1453724.3E	---/251			
3	SUNTI	383027.9S	1451248.7E	251/337	19.4	2300/2300	L
1	MB NDB	375835.4S	1450525.2E	338/---	32.4	2100/2100	L
ATS ROUTE W469 T/W							
2	TL VOR	191439.1S	1464529.1E	---/229			
1	LASEL	193442.4S	1461347.5E	229/229	36.0	4200/4200	L
2	SULTU	200439.1S	1452555.0E	230/230	54.1	4700/4700	L
2	DOBGO	203039.1S	1444357.7E	230/230	47.2	4700/4700	L
3	HUG NDB	204914.2S	1441344.5E	230/208	33.9	4700/4700	L
3	TAXUM	222154.9S	1430501.8E	208/---	112.4	3000/3000	L
ATS ROUTE W472 T/W							
3	MK VOR	211022.8S	1491114.0E	---/193			
3	ISAAK	222254.0S	1484030.0E	193/193	77.7	5000/5000	L
2	EML NDB	233402.8S	1481015.8E	193/---	76.2	4300/4300	L
ATS ROUTE W473 T/W							
2	DN VOR	122523.8S	1305423.3E	---/104			
2	RUSKA	124434.6S	1320036.1E	104/104	67.5	1900/3000	L
2	DUMPA	132652.9S	1343049.0E	103/103	152.5	3300/3300	L
2	GTE NDB	135830.2S	1362719.6E	102/104	117.7	3300/3300	L
5	DOMTI	142506.5S	1375716.6E	103/103	91.3	2200/2200	L
5	ANLAR	150006.0S	1400000.0E	101/101	123.9	1500/1500	L
3	VEVAV	152847.3S	1414454.5E	100/033	105.4	1500/1500	L
3	COE NDB	134557.8S	1430702.1E	032/005	129.7	3500/3500	L
3	LHR NDB	124718.9S	1431813.5E	005/---	59.4	3600/3600	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◩ 5 ◩

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W477 T/W							
1	SHT NDB	362542.1S	1452345.7E	---/188			
3	MNG VOR	365309.2S	1451139.2E	188/197	29.1	3000/3000	L
1	KEVIG	370547.3S	1450301.6E	197/197	14.4	4100/4100	L
1	BELTA	372743.9S	1444753.6E	197/---	25.0	4100/4100	L
ATS ROUTE W478 T/W							
1	ISNOL	342312.4S	1485831.8E	---/240			
1	ASUMU	343738.5S	1480149.9E	241/254	49.0	3900/3900	L
4	VINOP	344207.1S	1463100.8E	256/---	75.0	3800/3800	L
ATS ROUTE W481 T/W							
4	MIA VOR	341330.7S	1420438.2E	---/125			
3	SWH NDB	352249.8S	1433225.1E	123/118	100.1	1800/1800	L
1	UGPUR	360955.4S	1444552.5E	117/143	76.1	2100/2100	L
3	MNG VOR	365309.2S	1451139.2E	143/148	47.9	3000/3000	L
1	LACEY	373304.9S	1453013.3E	147/---	42.5	4900/4900	L
ATS ROUTE W482 T/W							
4	ASIXA	090426.5S	1431244.8E	---/206			
3	HID NDB	103531.4S	1421733.2E	206/---	105.8	0/0	B
ATS ROUTE W483 T/W							
1	MGD NDB	120345.9S	1341354.0E	---/243			
1	KIBET	123929.0S	1325336.0E	243/274	86.3	3000/3400	L
1	DAGAK	123506.1S	1321533.6E	274/274	37.4	3000/3400	L
2	DN VOR	122523.8S	1305423.3E	275/---	80.0	2400/1900	L
ATS ROUTE W486 T/W							
1	ABA NDB	345707.8S	1174837.9E	---/072			
4	HOODY	342454.0S	1193436.0E	070/070	93.1	3300/4700	L
3	ESP VOR	334050.1S	1214925.6E	068/066	120.4	3200/3200	L
3	JAMBO	325135.6S	1240000.0E	064/064	120.0	3000/3400	L
2	OLRUX	321548.1S	1252943.7E	062/056	83.8	3000/3400	L
2	FRT NDB	305117.6S	1280557.7E	054/103	157.9	2100/2100	L
3	ENTRE	313202.8S	1305656.8E	100/100	152.2	2100/2100	B
2	CDU NDB	320735.6S	1334337.0E	098/141	146.4	2100/2100	B
2	KAMBI	340805.6S	1352023.3E	139/130	145.1	2200/2100	L
1	PLC NDB	343615.9S	1355223.7E	130/---	38.6	2900/2900	L
ATS ROUTE W492 T/W							
1	VESOP	163933.0S	1391013.4E	---/115			
2	NTN NDB	174144.7S	1410422.9E	114/---	125.6	1500/1500	L
ATS ROUTE W494 T/W							
3	LAGOB	274541.1S	1532003.6E	---/133			
1	FAUKS	282434.9S	1535136.4E	132/200	47.8	2700/2700	L
1	BNA NDB	285004.2S	1533344.6E	200/253	29.9	2500/2500	L
3	IDNER	285228.5S	1530252.7E	253/---	27.2	2700/2700	L
ATS ROUTE W495 T/W							
1	MOSVO	374330.9S	1450642.7E	---/140			
1	RAZZI	380100.0S	1451842.0E	139/177	19.9	4000/4000	L
3	SUNTI	383027.9S	1451248.7E	177/159	29.8	3600/3600	L
1	JACKA	384612.0S	1451548.0E	159/159	15.9	1600/1700	L
2	AKLAB	400000.1S	1453045.6E	158/158	74.6	1600/1700	L
3	WYY NDB	405952.7S	1454229.6E	158/---	60.5	2300/2300	L
ATS ROUTE W497 T/W							
1	ISNOL	342312.4S	1485831.8E	---/225			
3	WG VOR	350956.7S	1472808.7E	226/247	87.9	4600/4600	L
3	MAKIV	353307.3S	1445706.5E	249/---	125.7	3300/3300	L
ATS ROUTE W499 T/W							
1	RIGTU	255100.0S	1483300.0E	---/154			
2	ROM NDB	263235.1S	1484654.1E	154/177	43.3	3300/4500	L
2	SGE NDB	280249.8S	1483549.8E	176/202	90.5	3000/3000	L
1	GODIM	283530.0S	1481300.0E	202/---	38.3	2400/2800	L
ATS ROUTE W504 T/W							
3	BELUL	242534.5S	1452609.1E	---/102			
3	SUPGA	250507.6S	1473019.0E	100/100	119.7	5500/5500	L
3	UNVAT	254809.9S	1495346.5E	098/096	136.8	5500/5500	L
3	LEVPU	261726.0S	1514900.6E	095/095	107.8	3900/3500	L
1	SU VOR	263551.7S	1530525.1E	094/---	71.0	4300/4000	L
ATS ROUTE W512 T/W							
1	NUGRU	233611.0S	1484824.6E	---/110			
3	RUROX	242938.9S	1503411.6E	109/033	110.5	4500/4500	L
3	GLA VOR	235154.9S	1511215.9E	033/---	51.2	4400/4300	L
ATS ROUTE W514 T/W							
2	AGETA	300143.1S	1480742.3E	---/104			
3	TW VOR	310357.9S	1504948.9E	102/---	153.1	4500/4300	L
ATS ROUTE W516 T/W							
2	BHI VOR	320002.4S	1412847.9E	---/085			
3	AREST	321104.3S	1455147.2E	081/081	223.7	3200/3200	L
4	DU NDB	321303.1S	1483332.7E	079/---	137.3	3300/3300	L
ATS ROUTE W518 T/W							
1	NIPOM	220344.9S	1480431.1E	---/113			
3	PUMET	225722.5S	1494052.9E	112/112	104.0	3500/3500	L
3	RK VOR	232258.1S	1502817.5E	111/---	50.6	3300/3300	L
ATS ROUTE W519 T/W							
3	AD VOR	345649.1S	1383128.3E	---/130			
1	ALBUT	354116.9S	1392052.6E	129/142	60.0	3800/3800	L
3	BUVGA	360802.5S	1393904.1E	142/142	30.5	1700/1700	L
3	MTG VOR	374505.0S	1404707.0E	140/126	111.2	2500/2100	L
3	NOGIP	381851.6S	1412824.1E	125/120	46.9	2200/2200	L
4	KII NDB	395320.8S	1435231.2E	117/124	146.6	2200/2200	L
1	DOTVU	404959.4S	1450454.0E	122/---	79.2	2200/1900	L
ATS ROUTE W524 T/W							
3	WG VOR	350956.7S	1472808.7E	---/216			
1	COR NDB	355914.9S	1462125.9E	216/214	73.4	3200/3200	L
3	MNG VOR	365309.2S	1451139.2E	215/---	77.9	3300/3300	L
ATS ROUTE W528 T/W							
2	TL VOR	191439.1S	1464529.1E	---/248			
2	VIPUB	193706.3S	1451308.8E	249/249	90.1	4300/4900	L
2	KIPPA	200440.9S	1431341.7E	250/250	115.9	4900/4900	L
3	RACEV	203030.8S	1411522.1E	251/251	114.2	4400/4100	L
2	CCY NDB	203956.4S	1403003.8E	252/---	43.5	2400/2400	L
ATS ROUTE W529 T/W							
4	URBOB	355354.1S	1500833.9E	---/295			
3	CB VOR	351653.2S	1491144.6E	296/---	59.3	5900/5900	L
ATS ROUTE W534 T/W							
3	SU VOR	263551.7S	1530525.1E	---/297			
2	SEBVA	261723.5S	1523901.9E	297/297	30.0	3000/3000	L
1	SUSGI	253541.9S	1514023.4E	298/---	67.2	3900/3900	L
ATS ROUTE W535 T/W							
2	ENPAG	313308.0S	1471141.4E	---/122			
3	WEAVA	321706.0S	1480848.0E	121/121	65.5	2300/2300	L
3	BTH NDB	332450.6S	1493925.2E	119/---	102.0	6500/5100	L
ATS ROUTE W536 T/W							
3	LHR NDB	124718.9S	1431813.5E	---/353			
4	REEFE	110000.0S	1431530.0E	354/354	106.9	3200/3600	B

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1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	ASIXA	090426.5S	1431244.8E	354/---	115.1	1900/3200	B
	ATS ROUTE W538 T/W						
1	MB NDB	375835.4S	1450525.2E	---/209			
1	TAITE	383132.0S	1442825.0E	210/---	44.0	1900/2700	L
	ATS ROUTE W539 T/W						
1	ENTOL	172725.7S	1404959.9E	---/131			
2	NTN NDB	174144.7S	1410422.9E	131/---	19.8	1500/1500	L
	ATS ROUTE W540 T/W						
3	BTH NDB	332450.6S	1493925.2E	---/310			
4	DU NDB	321303.1S	1483332.7E	311/302	90.6	4700/4900	L
3	HUMOK	311912.0S	1472800.0E	304/303	77.5	2600/2600	L
3	BKE NDB	300236.5S	1455657.6E	305/---	109.6	2800/2400	L
	ATS ROUTE W541 T/W						
1	MER NDB	365451.3S	1495358.0E	---/293			
3	COM NDB	362113.6S	1485727.1E	294/270	56.5	5600/5600	L
4	DUBUS	360854.5S	1475142.8E	271/264	54.6	8700/8700	L
3	AY VOR	360404.8S	1465757.9E	265/275	43.8	5700/5700	L
3	MAKIV	353307.3S	1445706.5E	277/267	103.0	3200/3200	L
3	SWH NDB	352249.8S	1433225.1E	269/---	69.9	1800/1800	L
	ATS ROUTE W542 T/W						
3	MOR NDB	292950.2S	1495105.6E	---/115			
1	OVNOM	293912.8S	1500604.6E	115/145	16.1	2500/2500	L
3	TW VOR	310357.9S	1504948.9E	144/---	92.6	5000/5000	L
	ATS ROUTE W545 T/W						
3	WG VOR	350956.7S	1472808.7E	---/084			
3	POPLA	351336.0S	1481600.0E	083/084	39.4	4900/4900	L
1	IGDEL	351537.7S	1484003.4E	083/080	19.8	5900/5900	L
3	CB VOR	351653.2S	1491144.6E	080/---	26.0	6100/6100	L
	ATS ROUTE W549 T/W						
1	TEDEB	291145.2S	1532346.3E	---/066			
1	NOMIT	290500.0S	1540000.0E	066/010	32.4	0/0	L
1	ATADO	280000.0S	1543000.0E	010/309	70.0	0/0	L
2	SAVER	273110.7S	1540335.7E	309/278	37.1	0/0	L
1	ENAID	272256.5S	1533732.3E	278/---	24.6	0/0	L
	ATS ROUTE W550 T/W						
4	MIA VOR	341330.7S	1420438.2E	---/310			
3	ALTIR	323936.0S	1403012.0E	312/311	122.6	3400/3700	L
2	LEC NDB	303555.4S	1382632.1E	313/311	162.4	5200/5000	L
3	CALAR	290000.0S	1364951.1E	313/313	127.4	3100/3100	L
3	GOMUL	273316.5S	1352629.5E	314/---	113.6	2800/2800	L
	ATS ROUTE W551 T/W						
1	MAKOR	330644.0S	1510821.5E	---/126			
1	YAKKA	331132.4S	1511322.5E	126/---	6.4	2800/2800	L
	ATS ROUTE W553 T/W						
3	HUUGO	280523.3S	1525529.2E	---/037			
3	LAGOB	274541.1S	1532003.6E	036/---	29.3	3300/3300	L
	ATS ROUTE W562 T/W						
2	NUNPA	400544.3S	1480053.4E	---/296			
3	ONAGI	382816.4S	1453724.3E	299/307	148.0	3900/3900	L
1	MB NDB	375835.4S	1450525.2E	308/---	38.9	2400/2400	L
	ATS ROUTE W564 T/W						
4	KII NDB	395320.8S	1435231.2E	---/117			
3	THRUM	403001.7S	1445251.2E	115/116	59.0	2200/2200	L
2	WYY NDB	405952.7S	1454229.6E	114/133	48.1	3000/3000	L
2	GOTLU	414819.7S	1462509.0E	132/132	58.1	6300/6700	L
1	RIBLI	422824.0S	1470042.0E	131/---	48.0	6300/6700	L
	ATS ROUTE W565 T/W						
2	UGPOT	315322.2S	1523034.1E	---/285			
3	SANAD	312311.0S	1512444.6E	287/---	63.8	6100/6100	L
	ATS ROUTE W566 T/W						
3	WHA NDB	330329.2S	1373127.2E	---/340			
2	POLUP	313324.0S	1370830.0E	341/341	92.0	2700/2700	L
1	GOKIB	302907.0S	1365236.0E	342/---	65.6	2700/2700	L
	ATS ROUTE W567 T/W						
3	HID NDB	103531.4S	1421733.2E	---/151			
1	PIGIG	105702.0S	1422734.0E	151/151	23.6	2100/2100	L
3	LHR NDB	124718.9S	1431813.5E	150/139	120.5	3200/3200	L
2	BENTA	143518.0S	1443706.0E	138/141	132.1	3500/4100	L
2	GUPDA	152655.0S	1451114.2E	141/153	61.1	6100/3500	L
3	CS VOR	165100.1S	1454438.0E	152/---	89.7	6000/6000	L
	ATS ROUTE W569 T/W						
1	DOSEL	370954.4S	1452343.1E	---/030			
3	BOGES	365109.9S	1454418.5E	029/040	24.9	4100/4100	L
1	VEGRU	362248.9S	1462858.8E	040/040	45.8	4400/4400	L
3	AY VOR	360404.8S	1465757.9E	039/031	30.0	4400/4400	L
5	UGVER	353730.3S	1472801.6E	030/033	36.1	4200/4200	L
1	ISNOL	342312.4S	1485831.8E	032/---	105.0	4600/4600	L
	ATS ROUTE W571 T/W						
1	KEVIG	370547.3S	1450301.6E	---/226			
3	ESDIG	374432.1S	1434524.0E	227/231	72.9	4500/4500	L
1	LANUN	380036.0S	1430648.0E	231/231	34.5	3000/3000	L
1	IBOBO	381714.5S	1422713.3E	231/---	35.4	2700/2700	L
	ATS ROUTE W572 T/W						
3	OK VOR	272358.8S	1514416.3E	---/207			
3	MOR NDB	292950.2S	1495105.6E	208/156	160.3	3600/3600	L
3	OLRON	305714.9S	1501453.7E	155/145	89.6	6500/6500	L
3	NIXUG	312934.2S	1503125.6E	144/---	35.2	3700/3700	L
	ATS ROUTE W575 T/W						
3	NWA NDB	345704.4S	1503147.2E	---/322			
3	AKMIR	341042.8S	1500624.3E	323/321	50.8	4500/4500	L
1	REVKI	335418.9S	1495634.2E	321/322	18.3	5800/5800	L
3	BTH NDB	332450.6S	1493925.2E	322/334	32.7	5800/5800	L
2	SPLIZ	324325.1S	1492651.0E	334/---	42.7	5000/5000	L
	ATS ROUTE W577 T/W						
4	KII NDB	395320.8S	1435231.2E	---/032			
2	GULNU	391901.2S	1443534.9E	032/032	47.8	1800/1800	L
1	JACKA	384612.0S	1451548.0E	031/031	45.4	1500/1500	L
3	ONAGI	382816.4S	1453724.3E	031/---	24.6	2400/2400	L
	ATS ROUTE W584 T/W						
2	AS VOR	234734.4S	1335241.6E	---/138			
3	DESET	245042.0S	1344612.0E	137/137	79.7	4200/4600	L
4	TREBL	265130.0S	1363218.0E	135/135	153.8	3100/3400	L
3	DOKSU	284712.0S	1381842.0E	134/134	149.0	2400/2400	L
4	ARANA	301306.0S	1394118.0E	132/132	112.0	4900/4900	L
2	BHI VOR	320002.4S	1412847.9E	130/159	141.1	4900/4900	L
5	PILTA	331130.0S	1414736.0E	158/158	73.1	2600/2600	L
4	MIA VOR	341330.7S	1420438.2E	158/169	63.5	1800/1800	L
2	GALAH	350454.0S	1420642.0E	168/169	51.3	2200/2200	L
1	UBGUT	364019.3S	1421005.2E	168/175	95.3	2600/2600	L
1	HML NDB	373857.4S	1420328.3E	175/204	58.8	4600/4600	L
3	NOGIP	381851.6S	1412824.1E	205/---	48.6	2900/2500	L
	ATS ROUTE W592 T/W						

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	EML NDB	233402.8S	1481015.8E	---/348			
1	NIPOM	220344.9S	1480431.1E	348/041	90.1	4200/4200	L
3	MK VOR	211022.8S	1491114.0E	041/---	81.8	5000/5000	L
ATS ROUTE W595 T/W							
3	KADOM	334238.9S	1501758.6E	---/275			
3	LOWDI	333124.0S	1493648.0E	276/277	36.2	5900/6000	L
1	VIRUR	332259.3S	1490727.8E	277/277	25.9	5200/5200	L
2	PKS VOR	330752.6S	1481414.3E	277/---	47.1	6100/6100	L
ATS ROUTE W596 T/W							
3	GV VOR	121554.1S	1364859.1E	---/188			
5	KELVN	130924.0S	1363742.0E	188/188	54.4	1900/1900	L
2	GTE NDB	135830.2S	1362719.6E	188/242	49.9	1900/1900	L
1	DAPMA	144329.7S	1344419.2E	243/---	109.6	2100/2100	L
ATS ROUTE W598 T/W							
1	ROONY	283132.6S	1533614.4E	---/214			
3	RIDVO	284923.1S	1531526.8E	214/243	25.5	0/3800	L
3	IDNER	285228.5S	1530252.7E	243/227	11.5	2700/2700	L
2	IVL NDB	295304.9S	1510823.9E	228/---	116.9	6400/6400	L
ATS ROUTE W603 T/W							
2	CFS VOR	301910.2S	1530715.2E	---/186			
2	UGPOT	315322.2S	1523034.1E	186/200	99.1	4000/4000	L
1	WONKA	322640.8S	1520551.8E	200/200	39.3	3700/3700	L
3	WLM NDB	324812.1S	1514943.6E	200/208	25.4	3700/3700	L
3	MEPIL	332409.8S	1511241.1E	208/---	47.5	3000/3000	L
ATS ROUTE W604 T/W							
1	KADOM	334238.9S	1501758.6E	---/320			
3	BENBU	331148.0S	1495854.0E	321/314	34.7	5300/5300	L
1	AKPOM	324807.3S	1494026.7E	315/332	28.3	5100/5100	L
3	MUDGI	323339.3S	1493537.3E	333/---	15.0	4700/4700	L
ATS ROUTE W605 T/W							
3	WP VOR	124024.8S	1415520.9E	---/251			
5	HEALE	130848.0S	1400000.0E	252/252	116.1	1900/1900	L
5	HOKOR	133718.0S	1380000.0E	253/253	120.4	1500/1500	L
2	GTE NDB	135830.2S	1362719.6E	253/258	92.6	2200/2200	L
1	SUNIX	141116.3S	1345526.0E	259/259	90.2	2300/2300	L
3	KAKAL	141806.0S	1340424.0E	259/259	50.0	2600/2400	L
4	TN VOR	143109.1S	1322215.6E	260/212	100.0	2900/2600	L
3	OVMIS	162417.2S	1310024.5E	213/188	137.6	2400/2400	L
1	HOO NDB	181951.4S	1303813.9E	188/---	117.0	2800/2600	L
ATS ROUTE W612 T/W							
1	DORSU	364824.0S	1443906.0E	---/013			
3	BORLI	341458.0S	1460355.3E	013/009	168.1	2900/3700	L
2	ENPAG	313308.0S	1471141.4E	009/018	171.3	3300/3300	L
3	LAYUP	303941.1S	1474441.2E	017/017	60.4	2000/2300	L
2	AGETA	300143.1S	1480742.3E	017/---	42.8	2000/2300	L
ATS ROUTE W613 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/340			
2	EML NDB	233402.8S	1481015.8E	341/001	181.1	5500/5500	L
1	ESLAR	223551.5S	1482104.0E	001/326	58.8	4200/4200	L
1	NIPOM	220344.9S	1480431.1E	326/328	35.5	4200/4200	L
3	TASUN	203724.0S	1472354.0E	329/328	94.0	3400/3700	L
3	TL VOR	191439.1S	1464529.1E	329/---	90.0	5500/5500	L
ATS ROUTE W614 T/W							
3	OVMIS	162417.2S	1310024.5E	---/356			
3	NUTTA	150031.9S	1305815.9E	356/356	83.4	2600/2600	L
3	JOSHU	134543.1S	1305622.4E	356/356	74.5	2600/2600	L
2	DN VOR	122523.8S	1305423.3E	356/---	80.0	2600/2600	L

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W617 T/W							
1	CBP NDB	290154.5S	1344325.6E	---/119			
5	ELGON	295342.0S	1361212.0E	117/118	93.1	2200/2200	L
2	OMKEK	302712.7S	1370959.7E	117/---	60.2	2200/2100	L
ATS ROUTE W623 T/W							
3	BKE NDB	300236.5S	1455657.6E	---/075			
1	OLVOR	295829.2S	1464842.3E	075/083	45.1	1900/1900	L
3	VERAV	295939.4S	1471508.9E	083/083	23.0	2000/2000	L
2	AGETA	300143.1S	1480742.3E	082/077	45.7	2000/2000	L
2	IVL NDB	295304.9S	1510823.9E	075/075	157.2	6800/6000	L
3	GFN NDB	294535.0S	1530138.8E	073/---	98.8	6400/6400	L
ATS ROUTE W625 T/W							
3	DULIN	273855.5S	1524324.6E	---/222			
2	GEPEC	274611.6S	1523228.9E	222/222	12.1	3000/3800	L
2	DEJAY	285028.5S	1505343.9E	223/223	108.2	5200/5400	L
2	MOR NDB	292950.2S	1495105.6E	224/---	67.4	3900/3900	L
ATS ROUTE W626 T/W							
2	CAR VOR	245255.3S	1134022.4E	---/067			
3	ENSID	240218.0S	1154230.0E	065/065	122.3	2800/2800	L
2	PBO VOR	231021.4S	1174413.3E	064/---	123.2	5100/3700	L
ATS ROUTE W627 T/W							
2	MUDGI	323339.3S	1493537.3E	---/349			
1	LEDIX	314625.0S	1493634.0E	349/315	47.1	4300/4300	L
5	ANBAN	311948.1S	1491614.4E	316/---	31.7	4200/4200	L
ATS ROUTE W635 T/W							
3	NOGIP	381851.6S	1412824.1E	---/078			
1	IBOBO	381714.5S	1422713.3E	077/071	46.3	2200/2200	L
1	AV VOR	380256.0S	1442732.2E	069/070	96.0	2500/2500	L
1	MB NDB	375835.4S	1450525.2E	070/---	30.3	1700/1700	L
ATS ROUTE W636 T/W							
3	BUD NDB	245423.7S	1521913.1E	---/305			
3	GLA VOR	235154.9S	1511215.9E	306/296	87.3	3900/3900	L
3	RK VOR	232258.1S	1502817.5E	296/---	49.6	3500/3500	L
ATS ROUTE W637 T/W							
3	TL VOR	191439.1S	1464529.1E	---/239			
2	KALVI	195022.7S	1451750.6E	240/240	90.1	4700/4900	L
3	AKINU	204151.7S	1430636.2E	241/---	133.6	4700/4700	L
ATS ROUTE W638 T/W							
4	DU NDB	321303.1S	1483332.7E	---/185			
2	PKS VOR	330752.6S	1481414.3E	185/186	57.1	4000/4000	L
3	WG VOR	350956.7S	1472808.7E	186/192	127.7	3800/3800	L
3	AY VOR	360404.8S	1465757.9E	193/---	59.4	3600/3600	L
ATS ROUTE W639 T/W							
3	BUGNI	335608.4S	1471124.3E	---/240			
3	BORLI	341458.0S	1460355.3E	241/243	59.1	3200/3200	L
1	OPUDI	343231.7S	1444957.8E	244/---	63.7	2200/2200	L
ATS ROUTE W643 T/W							
3	CB VOR	351653.2S	1491144.6E	---/148			
3	NOLUN	360100.0S	1493036.0E	148/148	46.7	6800/6800	L
1	MER NDB	365451.3S	1495358.0E	147/---	57.0	6300/5900	L
ATS ROUTE W644 T/W							
3	CV NDB	262512.1S	1461456.4E	---/320			
5	TUNGU	243754.0S	1450354.0E	321/321	124.8	3000/3000	L
3	LRE NDB	232542.3S	1441720.9E	322/306	83.6	3300/3300	L
3	TAXUM	222154.9S	1430501.8E	307/298	92.2	2700/2700	L

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1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
5	MEGOL	213212.0S	1414824.0E	299/299	86.8	2500/2500	L
3	CCY NDB	203956.4S	1403003.8E	300/---	89.9	2800/2800	L
ATS ROUTE W649 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/294			
3	MNG VOR	365309.2S	1451139.2E	297/340	119.2	6600/6600	L
3	MAKIV	353307.3S	1445706.5E	341/---	80.8	3000/3000	L
ATS ROUTE W654 T/W							
3	BOGES	365109.9S	1454418.5E	---/028			
3	WG VOR	350956.7S	1472808.7E	027/023	131.6	4200/4200	L
3	METUV	341340.0S	1481443.9E	022/030	68.1	4200/4200	L
3	CWR NDB	335041.6S	1483911.7E	030/029	30.6	3700/3700	L
1	VIRUR	332259.3S	1490727.8E	028/---	36.4	5500/5500	L
ATS ROUTE W655 T/W							
1	OVNOM	293912.8S	1500604.6E	---/325			
2	SULMI	281317.5S	1492314.9E	326/---	93.6	2400/2400	L
ATS ROUTE W656 T/W							
2	CFS VOR	301910.2S	1530715.2E	---/203			
1	ATMUT	305154.9S	1524030.7E	203/203	40.0	3100/3100	L
3	SORTI	314915.5S	1515245.0E	203/203	70.3	5600/5600	L
1	IDSEB	320705.8S	1513740.4E	204/204	21.9	5700/5600	L
3	OLTIN	323307.7S	1511527.0E	204/---	32.1	5600/5600	L
ATS ROUTE W657 T/W							
1	UGPUR	360955.4S	1444552.5E	---/200			
3	TELIP	364434.0S	1441934.1E	200/198	40.6	2300/2300	L
1	DOVUT	365435.5S	1441239.9E	198/198	11.4	4000/4000	L
1	IRVAK	373048.9S	1434725.8E	198/175	41.4	4000/4000	L
3	ESDIG	374432.1S	1434524.0E	175/---	13.8	3500/3500	L
ATS ROUTE W658 T/W							
1	UPVEN	314655.6S	1501439.1E	---/335			
1	IVTET	310925.7S	1500357.4E	335/335	38.5	5400/5400	L
1	NBR NDB	301914.7S	1494952.1E	335/---	51.5	3800/3800	L
ATS ROUTE W660 T/W							
3	TL VOR	191439.1S	1464529.1E	---/202			
2	TOGEN	204312.0S	1455318.0E	202/201	101.0	3900/5500	L
5	ENSAB	214130.0S	1451930.0E	201/201	66.1	3400/4700	L
3	LRE NDB	232542.3S	1441720.9E	202/---	118.7	3100/3100	L
ATS ROUTE W661 T/W							
3	ML VOR	373936.5S	1445031.2E	---/136			
1	MB NDB	375835.4S	1450525.2E	136/---	22.3	2200/2200	L
ATS ROUTE W663 T/W							
3	MNG VOR	365309.2S	1451139.2E	---/015			
4	VINOP	344207.1S	1463100.8E	015/025	145.9	3000/3000	L
3	BUGNI	335608.4S	1471124.3E	025/036	56.8	2800/2800	L
1	VELGI	332151.4S	1475539.5E	036/037	50.4	3200/3200	L
2	PKS VOR	330752.6S	1481414.3E	037/---	20.9	3100/3100	L
ATS ROUTE W664 T/W							
3	RK VOR	232258.1S	1502817.5E	---/273			
5	KANBU	231048.0S	1492900.0E	274/274	55.9	3400/3400	L
3	LUKPU	224622.8S	1473729.8E	275/---	105.7	4300/4300	L
ATS ROUTE W667 T/W							
3	BOGES	365109.9S	1454418.5E	---/068			
2	SOVRU	363206.0S	1475042.0E	066/066	103.4	8700/8000	L
3	COM NDB	362113.6S	1485727.1E	065/052	54.9	8700/8700	L
4	URBOB	355354.1S	1500833.9E	051/---	63.7	6200/6100	L
ATS ROUTE W673 T/W							
1	MB NDB	375835.4S	1450525.2E	---/194			
2	ALPAL	391606.4S	1441639.6E	194/194	86.4	2500/2500	L
4	KII NDB	395320.8S	1435231.2E	195/---	41.6	1800/1800	L
ATS ROUTE W674 T/W							
3	WLM NDB	324812.1S	1514943.6E	---/343			
4	ARM NDB	303138.3S	1513654.1E	344/315	136.7	6200/6200	L
2	IVL NDB	295304.9S	1510823.9E	316/---	45.7	6000/6000	L
ATS ROUTE W675 T/W							
3	OTKED	373546.2S	1494306.0E	---/320			
3	COM NDB	362113.6S	1485727.1E	321/301	82.9	6100/6100	L
1	MUSOP	353106.0S	1475412.0E	302/302	71.7	8200/8200	L
3	WG VOR	350956.7S	1472808.7E	303/272	30.0	4700/4700	L
3	RUNDA	345636.0S	1462324.0E	273/276	54.8	2900/3300	L
1	OPUDI	343231.7S	1444957.8E	277/---	80.7	2200/2700	L
ATS ROUTE W676 T/W							
2	ENPAG	313308.0S	1471141.4E	---/260			
3	CBA NDB	313224.5S	1454755.0E	261/252	71.6	2700/2700	L
3	COBHI	314754.0S	1433100.0E	254/254	117.9	2400/2800	L
2	BHI VOR	320002.4S	1412847.9E	255/---	104.7	2800/2800	L
ATS ROUTE W677 T/W							
2	GUPDA	152655.0S	1451114.2E	---/339			
2	MUNEL	142818.0S	1445512.0E	339/337	60.4	3500/6100	B
2	GODIP	120012.0S	1440742.0E	337/337	154.6	3500/3500	B
1	DUBSO	094500.0S	1432518.0E	338/338	140.9	2100/1600	B
4	ASIXA	090426.5S	1431244.8E	338/---	42.2	2100/2100	B
ATS ROUTE W681 T/W							
3	SUNAL	331428.3S	1375942.6E	---/167			
3	ACTIN	333013.3S	1380133.3E	167/---	15.8	2900/4600	L
ATS ROUTE W682 T/W							
2	MUDGI	323339.3S	1493537.3E	---/315			
5	DOORA	315424.0S	1490519.0E	316/315	46.9	3800/4100	L
3	ONUMA	305828.0S	1482248.9E	316/---	66.6	5800/4400	L
ATS ROUTE W683 T/W							
3	METUV	341340.0S	1481443.9E	---/121			
3	AVBEG	344942.2S	1490231.7E	120/---	53.4	4100/4100	L
ATS ROUTE W684 T/W							
2	IVL NDB	295304.9S	1510823.9E	---/181			
3	TW VOR	310357.9S	1504948.9E	181/---	72.5	5200/5200	L
ATS ROUTE W685 T/W							
4	TNK VOR	193805.1S	1341055.0E	---/091			
3	PANRO	194630.0S	1360006.0E	090/090	103.4	3100/3100	L
5	MEPAS	195453.3S	1380700.9E	089/115	119.9	3100/3100	L
3	MA VOR	203952.6S	1392908.3E	114/085	89.3	3200/3200	L
3	CCY NDB	203956.4S	1403003.8E	084/084	57.1	3400/3400	L
3	AVLUS	203954.1S	1414327.4E	084/086	68.8	2400/2400	L
3	AKINU	204151.7S	1430636.2E	085/090	78.0	2100/2100	L
3	HUG NDB	204914.2S	1441344.5E	090/080	63.3	2800/2800	L
2	TOGEN	204312.0S	1455318.0E	079/079	93.5	3600/4400	L
3	LINSU	203528.7S	1474706.4E	078/075	107.0	3600/3400	L
3	PN VOR	202948.8S	1483310.7E	074/061	43.6	4300/4300	L
3	OVRON	202104.2S	1485721.2E	061/---	24.3	3200/3200	L
ATS ROUTE W687 LIMITED SEG T/W							
1	RAZZI	380100.0S	1451842.0E	---/301			
3	ML VOR	373936.5S	1445031.2E	302/---	30.9	3600/3600	L
ATS ROUTE W690 T/W							
1	MGD NDB	120345.9S	1341354.0E	---/293			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4  5 

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	PUNOT	113902.0S	1332254.0E	294/296	55.7	1900/1900	L
1	ENPUD	110954.0S	1322902.0E	297/---	60.3	1900/1900	L
ATS ROUTE W693 T/W							
3	SUSGI	253541.9S	1514023.4E	---/296			
3	KANLU	244248.0S	1502312.0E	298/298	87.7	3700/4600	L
1	NUGRU	233611.0S	1484824.6E	299/---	109.2	4600/4600	L
ATS ROUTE W695 T/W							
3	BULKO	380912.0S	1460606.0E	---/075			
2	ESL NDB	380640.8S	1470934.4E	074/063	50.1	4400/4400	L
3	TYERS	375436.0S	1481054.0E	062/063	49.9	2600/2600	L
3	OTKED	373546.2S	1494306.0E	061/---	75.5	4500/4500	L
ATS ROUTE W696 T/W							
3	TEMIS	371222.8S	1455006.2E	---/014			
1	LUTVU	362517.5S	1461816.3E	014/---	52.2	4700/4700	L
ATS ROUTE W699 T/W							
1	HAAVI	251926.7S	1525259.0E	---/208			
1	SOSTU	253110.9S	1524235.8E	208/255	15.0	1700/1700	L
3	SUSGI	253541.9S	1514023.4E	255/---	56.4	3800/3800	L
ATS ROUTE W702 T/W							
3	NIXUG	312934.2S	1503125.6E	---/143			
3	LALIB	320205.1S	1504951.7E	142/133	36.1	5600/5600	L
3	OLTIN	323307.7S	1511527.0E	133/---	37.8	4200/4200	L
ATS ROUTE W703 T/W							
1	ISNOL	342312.4S	1485831.8E	---/321			
3	CWR NDB	335041.6S	1483911.7E	322/322	36.2	4200/4200	L
2	PKS VOR	330752.6S	1481414.3E	323/319	47.6	4000/4000	L
2	ENPAG	313308.0S	1471141.4E	320/314	108.4	3100/3100	L
3	BKE NDB	300236.5S	1455657.6E	315/---	110.9	2400/2400	L
ATS ROUTE W709 T/W							
1	ENKOG	273413.1S	1530057.7E	---/317			
1	WACKO	271117.3S	1524511.1E	317/318	26.8	3900/3900	L
1	SURPO	265508.2S	1523422.2E	318/317	18.8	3900/3900	L
3	SUSGI	253541.9S	1514023.4E	318/---	92.9	4300/4300	L
ATS ROUTE W713 T/W							
3	KADOM	334238.9S	1501758.6E	---/186			
3	AKMIR	341042.8S	1500624.3E	186/---	29.6	5600/5600	L
ATS ROUTE W717 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/324			
3	ELONG	320406.0S	1485636.0E	325/325	88.3	4700/4700	L
3	REPOB	313408.5S	1484104.0E	325/325	32.7	3000/3000	L
3	ONUMA	305828.0S	1482248.9E	326/---	38.9	2600/2600	L
ATS ROUTE W720 T/W							
3	SWH NDB	352249.8S	1433225.1E	---/145			
3	TELIP	364434.0S	1441934.1E	144/132	90.1	2600/2600	L
1	ARBEY	371006.0S	1444354.0E	131/---	32.1	4100/4500	L
ATS ROUTE W723 T/W							
1	DOLVU	344225.1S	1383753.8E	---/332			
3	AVPAS	323134.6S	1374204.0E	333/---	138.7	4600/4000	L
ATS ROUTE W724 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/269			
1	GLB NDB	344825.8S	1494413.8E	270/255	40.1	4300/4300	L
3	AVBEG	344942.2S	1490231.7E	256/---	34.4	4500/4500	L
ATS ROUTE W727 T/W							
3	SUSGI	253541.9S	1514023.4E	---/307			
3	RUROX	242938.9S	1503411.6E	308/305	89.2	3900/3900	L
5	BIMAV	232812.0S	1492542.0E	306/306	87.7	4600/4500	L
1	SABUR	224810.0S	1484218.0E	306/313	56.5	4600/2800	L
1	NIPOM	220344.9S	1480431.1E	314/---	56.4	3000/3100	L
ATS ROUTE W731 T/W							
1	KADOM	334238.9S	1501758.6E	---/303			
1	UPTUP	333118.7S	1500435.8E	303/303	15.9	5200/5200	L
3	EMVOM	331728.4S	1494823.1E	303/303	19.4	5700/5700	L
3	DU NDB	321303.1S	1483332.7E	305/315	90.1	5400/5400	L
3	LLAMA	311736.0S	1475006.0E	316/315	66.6	2500/2500	L
1	OLVOR	295829.2S	1464842.3E	317/---	95.1	2000/2000	L
ATS ROUTE W741 T/W							
1	IBOBO	381714.5S	1422713.3E	---/323			
1	HML NDB	373857.4S	1420328.3E	324/---	42.6	2900/2900	L
ATS ROUTE W749 T/W							
2	IVL NDB	295304.9S	1510823.9E	---/021			
3	DULIN	273855.5S	1524324.6E	020/---	157.7	6400/6400	L
ATS ROUTE W755 T/W							
3	METUV	341340.0S	1481443.9E	---/239			
3	VINOP	344207.1S	1463100.8E	241/---	90.3	3300/3800	L
ATS ROUTE W758 LIMITED SEG T/W							
2	KA VOR	204254.3S	1164626.2E	---/134			
3	HOOLI	215651.7S	1180743.9E	133/133	105.8	4500/4500	L
4	NWN VOR	232515.9S	1194810.9E	132/---	128.0	5500/5500	L
ATS ROUTE W760 T/W							
4	DU NDB	321303.1S	1483332.7E	---/038			
3	OLRON	305714.9S	1501453.7E	037/040	115.0	4700/4100	L
3	ALDAR	293548.0S	1521040.9E	039/035	129.0	6400/6400	L
3	IDNER	285228.5S	1530252.7E	035/340	62.9	5500/5500	L
3	HUUGO	280523.3S	1525529.2E	341/327	47.4	5200/5200	L
3	DULIN	273855.5S	1524324.6E	327/---	28.5	3600/3600	L
ATS ROUTE W762 T/W							
3	NATYA	345808.2S	1431357.5E	---/075			
3	TREST	345300.0S	1442518.0E	074/074	58.9	1700/1700	L
3	VINOP	344207.1S	1463100.8E	072/071	104.1	2300/2300	L
1	ISNOL	342312.4S	1485831.8E	068/066	123.3	3800/3800	L
1	VEVOS	341927.2S	1491918.8E	065/065	17.6	4300/4300	L
3	ANNKY	341401.6S	1494845.9E	065/---	25.0	4800/4800	L
ATS ROUTE W764 T/W							
3	GOMUL	273316.5S	1352629.5E	---/147			
3	NUSVA	285224.0S	1361236.0E	147/146	88.8	2800/2800	L
2	OMKEK	302712.7S	1370959.7E	145/167	107.0	2300/2800	L
3	WHA NDB	330329.2S	1373127.2E	166/---	157.0	2500/2500	L
ATS ROUTE W766 T/W							
2	EML NDB	233402.8S	1481015.8E	---/319			
3	LUKPU	224622.8S	1473729.8E	319/---	56.3	2600/2600	L
ATS ROUTE W768 T/W							
2	LHI NDB	313144.1S	1590422.6E	---/255			
2	RIBLU	313134.2S	1564330.1E	257/257	120.4	4500/4500	L
2	BENVO	313002.0S	1545916.7E	258/258	89.1	1500/1500	L
1	PMQ NDB	312608.4S	1525200.3E	260/233	108.9	1900/1900	L
3	SORTI	314915.5S	1515245.0E	233/---	55.6	5700/0	L
ATS ROUTE W775 T/W							
3	BOGES	365109.9S	1454418.5E	---/018			
1	COR NDB	355914.9S	1462125.9E	018/354	59.9	4100/4100	L
4	VINOP	344207.1S	1463100.8E	354/---	77.4	2200/2200	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE W785 T/W						
2	MUDGI	323339.3S	1493537.3E	---/279			
4	DU NDB	321303.1S	1483332.7E	280/274	56.4	4300/4300	L
3	IRVIT	315206.0S	1470548.0E	275/276	77.5	2600/2600	L
3	CBA NDB	313224.5S	1454755.0E	277/260	69.3	3100/2900	L
1	IDNUT	313134.6S	1432229.3E	262/244	124.3	2600/2600	L
2	BHI VOR	320002.4S	1412847.9E	246/---	101.0	2700/2700	L
	ATS ROUTE W786 T/W						
3	GOMOL	281008.2S	1533014.7E	---/207			
3	ALDAR	293548.0S	1521040.9E	208/196	110.4	5500/5500	L
4	ARM NDB	303138.3S	1513654.1E	196/180	62.9	6300/6300	L
3	SANAD	312311.0S	1512444.6E	180/183	52.5	5900/5900	L
1	EKIBI	320021.6S	1511302.4E	183/164	38.4	5900/5900	L
3	OLTIN	323307.7S	1511527.0E	164/---	32.8	6000/6000	L
	ATS ROUTE W791 T/W						
4	DUBUS	360854.5S	1475142.8E	---/235			
3	BOGES	365109.9S	1454418.5E	236/---	111.0	8700/8700	L
	ATS ROUTE W793 T/W						
3	MA VOR	203952.6S	1392908.3E	---/022			
5	SHINN	191042.0S	1401718.0E	021/021	99.8	3200/3200	L
2	NTN NDB	174144.7S	1410422.9E	021/075	99.3	2100/2100	L
2	FASIE	171952.3S	1431052.0E	074/074	122.8	2300/2400	L
5	BOBEB	170642.0S	1442324.0E	073/073	70.7	4800/3900	L
3	NONUM	165500.7S	1452442.7E	072/---	59.9	5100/4800	L
	ATS ROUTE W795 T/W						
3	VALDU	370827.9S	1473307.8E	---/323			
3	AY VOR	360404.8S	1465757.9E	324/---	70.3	8000/8000	L
	ATS ROUTE W797 T/W						
1	EKIBI	320021.6S	1511302.4E	---/204			
1	ISREV	322822.4S	1504857.3E	204/---	34.6	5800/5800	L
	ATS ROUTE W798 T/W						
2	KA VOR	204254.3S	1164626.2E	---/262			
1	BAROW	205150.2S	1152441.4E	263/---	77.1	1900/1900	L
	ATS ROUTE W799 T/W						
1	SPARK	285415.4S	1534041.8E	---/346			
1	ENAID	272256.5S	1533732.3E	347/261	91.1	0/0	L
3	BN VOR	272157.9S	1530821.2E	261/---	26.0	0/0	L
	ATS ROUTE W806 T/W						
2	OOM NDB	280615.6S	1401156.9E	---/082			
5	MIBUP	280430.0S	1413218.0E	081/081	71.1	2100/2300	L
5	KIDEX	275935.7S	1434853.8E	079/046	121.0	3100/2200	L
5	LEPTA	270412.0S	1451542.0E	046/045	94.9	2700/2500	L
3	CV NDB	262512.1S	1461456.4E	045/023	65.8	2700/2600	L
5	GUVUS	243836.0S	1472724.0E	023/023	124.9	5400/4900	L
2	EML NDB	233402.8S	1481015.8E	023/358	75.4	5400/4900	L
3	PN VOR	202948.8S	1483310.7E	359/---	184.8	5500/5500	L
	ATS ROUTE W809 T/W						
2	ESL NDB	380640.8S	1470934.4E	---/259			
3	MOZZA	380454.0S	1460554.0E	260/---	50.3	6600/6600	L
	ATS ROUTE W811 T/W						
5	ANBAN	311948.1S	1491614.4E	---/311			
2	AGETA	300143.1S	1480742.3E	313/---	97.8	5200/5200	L
	ATS ROUTE W812 T/W						
2	LHI NDB	313144.1S	1590422.6E	---/267			
2	POSUM	310553.3S	1564700.5E	269/269	120.5	4500/4500	L
2	BILBY	304230.5S	1545234.0E	271/271	101.2	1500/1500	L
2	CFS VOR	301910.2S	1530715.2E	273/---	93.9	2900/2900	L
	ATS ROUTE W817 T/W						
3	AY VOR	360404.8S	1465757.9E	---/042			
1	MUSOP	353106.0S	1475412.0E	042/042	56.4	4300/4300	L
3	AVBEG	344942.2S	1490231.7E	041/041	69.6	4900/4900	L
1	KEDDY	343433.5S	1492734.0E	041/028	25.6	4700/4700	L
3	ANNKY	341401.6S	1494845.9E	028/---	27.0	4800/4800	L
	ATS ROUTE W821 T/W						
3	TW VOR	310357.9S	1504948.9E	---/091			
1	PMQ NDB	312608.4S	1525200.3E	089/---	107.1	6200/6200	L
	ATS ROUTE W822 T/W						
4	DU NDB	321303.1S	1483332.7E	---/343			
2	HILAR	313842.8S	1482909.5E	343/341	34.5	2600/2600	L
3	ONUMA	305828.0S	1482248.9E	342/336	40.5	2600/2600	L
2	AGETA	300143.1S	1480742.3E	337/337	58.1	2000/2000	L
1	BITUL	292732.3S	1475906.2E	338/---	34.9	2000/2000	L
	ATS ROUTE W824 T/W						
3	OLTIN	323307.7S	1511527.0E	---/046			
2	UGPOT	315322.2S	1523034.1E	045/---	75.1	4900/4900	L
	ATS ROUTE W830 T/W						
2	CMU NDB	280205.2S	1453725.5E	---/010			
3	CV NDB	262512.1S	1461456.4E	010/---	102.2	2600/2600	L
	ATS ROUTE W831 T/W						
1	BIKEP	270919.1S	1511602.3E	---/110			
3	OK VOR	272358.8S	1514416.3E	109/122	29.1	3300/3300	L
1	BIVAT	273231.4S	1515443.1E	122/---	12.6	5100/4000	L
	ATS ROUTE W834 T/W						
2	NUNPA	400544.3S	1480053.4E	---/228			
2	WYY NDB	405952.7S	1454229.6E	230/181	118.6	3100/3100	L
5	GOMOM	420910.2S	1451741.4E	181/---	71.7	5600/5600	L
	ATS ROUTE W836 T/W						
1	ISNOL	342312.4S	1485831.8E	---/260			
3	BORLI	341458.0S	1460355.3E	263/---	144.9	3800/3900	L
	ATS ROUTE W839 T/W						
1	PH VOR	315642.2S	1155733.2E	---/012			
1	PEA NDB	313915.8S	1160108.1E	012/328	17.7	2300/2300	L
1	GIG NDB	312735.0S	1155156.0E	328/---	14.1	2300/2300	L
	ATS ROUTE W841 T/W						
3	TL VOR	191439.1S	1464529.1E	---/279			
5	DOTTE	184154.0S	1445242.0E	281/281	111.8	4900/4900	L
3	ISMUN	181739.9S	1433256.6E	282/278	79.5	4800/4700	L
2	NTN NDB	174144.7S	1410422.9E	279/---	146.0	2800/4100	L
	ATS ROUTE W843 T/W						
1	DBY NDB	172124.6S	1234001.1E	---/038			
3	TWIST	154406.0S	1250206.0E	037/037	124.9	3700/3700	L
1	DUDIM	140522.9S	1262311.7E	037/068	125.8	3700/3700	L
1	MILEM	132938.4S	1280204.4E	068/068	102.6	2000/2800	L
3	IKASO	132607.5S	1281140.5E	068/068	10.0	1500/2200	L
3	GUSNU	125410.8S	1293758.3E	067/067	90.0	1900/1500	L
2	DN VOR	122523.8S	1305423.3E	067/---	80.0	1900/1600	L
	ATS ROUTE W847 T/W						
2	ESL NDB	380640.8S	1470934.4E	---/005			
3	VALDU	370827.9S	1473307.8E	005/001	61.1	6500/6500	L
4	DUBUS	360854.5S	1475142.8E	002/329	61.3	7200/7200	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	WG VOR	350956.7S	1472808.7E	330/---	61.9	5600/7100	L
ATS ROUTE W849 T/W							
2	DN VOR	122523.8S	1305423.3E	---/049			
1	BEDUG	113453.2S	1315752.1E	049/049	80.0	2100/2100	L
1	ENPUD	110954.0S	1322902.0E	049/---	39.4	2100/2100	L
ATS ROUTE W853 T/W							
2	DN VOR	122523.8S	1305423.3E	---/071			
1	ACKER	120116.1S	1321218.2E	070/070	80.0	2300/2300	L
1	PUNOT	113902.0S	1332254.0E	070/---	72.7	2300/2300	L
ATS ROUTE W859 T/W							
3	BOGES	365109.9S	1454418.5E	---/090			
3	VALDU	370827.9S	1473307.8E	088/093	88.9	7800/7600	L
3	OTKED	373546.2S	1494306.0E	090/---	107.1	7800/8000	L
ATS ROUTE W865 T/W							
2	EGUMI	153035.2S	1280905.4E	---/307			
1	DADPI	141722.1S	1263758.3E	308/---	114.5	2900/2900	L
ATS ROUTE W879 T/W							
3	MA VOR	203952.6S	1392908.3E	---/333			
3	KAKTU	184514.0S	1384211.0E	334/007	122.5	3100/3100	L
1	VESOP	163933.0S	1391013.4E	007/---	128.0	2400/2400	L
ATS ROUTE W883 T/W							
2	CMU NDB	280205.2S	1453725.5E	---/262			
5	KIDEX	275935.7S	1434853.8E	264/218	96.1	2300/2300	L
3	EVOKE	284300.9S	1425658.5E	219/219	63.0	2300/2100	L
3	IDKEG	292646.9S	1420329.3E	219/---	64.0	2300/2100	L
ATS ROUTE W889 T/W							
3	RK VOR	232258.1S	1502817.5E	---/322			
5	VANVA	222130.0S	1495154.0E	323/323	69.9	4200/4200	L
3	MK VOR	211022.8S	1491114.0E	324/---	80.3	3200/3200	L
ATS ROUTE W890 T/W							
3	MOG NDB	280350.8S	1175037.4E	---/006			
1	OSUMA	272648.4S	1175507.1E	006/033	37.2	3300/3300	L
2	MEK VOR	263625.3S	1183157.0E	033/---	60.1	3200/3200	L
ATS ROUTE W894 T/W							
4	VINOP	344207.1S	1463100.8E	---/309			
3	BORLI	341458.0S	1460355.3E	310/---	35.2	2400/2400	L
ATS ROUTE Y10 O/W							
1	OTLED	304952.0S	1154203.0E	---/011			
2	ESDEG	291231.7S	1160124.9E	011/---	98.5	0/0	B
ATS ROUTE Y12 O/W							
3	BENDO	351436.2S	1393036.5E	---/106			
2	RELEP	361000.4S	1420507.0E	103/103	137.5	0/0	H
3	LULTO	362556.9S	1425205.2E	102/102	41.2	0/0	H
1	METES	365539.1S	1442310.8E	100/120	79.0	0/0	H
1	ARBEY	371006.0S	1444354.0E	119/---	22.0	0/0	H
ATS ROUTE Y13 O/W							
1	MANIG	305116.1S	1170955.9E	---/029			
1	COPDI	293319.7S	1175629.5E	028/028	87.6	0/0	H
2	WAGOO	280853.5S	1184525.5E	027/027	94.5	0/0	H
2	EZDON	250000.0S	1202953.7E	025/025	210.3	0/0	H
5	VALRA	214241.4S	1221248.0E	024/---	218.3	0/0	H
ATS ROUTE Y14 O/W							
3	DU NDB	321303.1S	1483332.7E	---/147			
3	VIRUR	332259.3S	1490727.8E	146/131	75.4	4900/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	RUPEM	335322.1S	1493452.1E	131/---	38.0	5200/0	L
ATS ROUTE Y15 O/W							
1	PH VOR	315642.2S	1155733.2E	---/357			
1	AVNEX	304844.7S	1155137.6E	357/006	68.0	2400/0	B
2	ESDEG	291231.7S	1160124.9E	006/004	96.4	0/0	B
2	OSTOL	274208.4S	1160735.2E	004/004	90.3	0/0	B
2	IDRIM	234935.0S	1162243.7E	003/001	232.3	0/0	B
1	GUGRA	212336.0S	1162542.0E	001/---	145.5	0/0	B
ATS ROUTE Y18 O/W							
1	MANIG	305116.1S	1170955.9E	---/042			
2	BIMBY	294650.6S	1181427.1E	041/041	85.1	0/0	H
2	SUGAB	284629.0S	1191312.2E	040/---	79.1	0/0	H
ATS ROUTE Y21 O/W							
1	CORRS	375532.0S	1453649.8E	---/109			
4	DADAD	400842.8S	1503506.2E	103/---	267.7	0/0	H
ATS ROUTE Y24 O/W							
2	MASMI	294020.3S	1514141.9E	---/354			
3	LAREG	283133.0S	1514922.0E	354/338	68.9	0/0	L
2	UDERI	274113.9S	1513807.0E	338/037	51.2	0/0	L
3	EMSOD	273332.0S	1514738.0E	037/070	11.4	0/0	L
1	BIVAT	273231.4S	1515443.1E	070/---	6.4	0/0	L
ATS ROUTE Y25 O/W							
2	DN VOR	122523.8S	1305423.3E	---/101			
1	RUPEG	124257.0S	1321346.0E	100/166	79.6	0/0	H
2	ADKIV	140154.8S	1322940.4E	166/166	80.1	0/0	H
2	OPEKO	144242.7S	1323757.8E	166/166	41.4	0/0	H
2	BEBUX	145547.9S	1324038.1E	166/163	13.3	0/0	H
2	DOSAM	165410.3S	1331200.3E	162/---	121.7	0/0	H
ATS ROUTE Y27 O/W							
1	UPROT	343406.0S	1391830.0E	---/061			
2	UBDIB	341403.1S	1402059.7E	060/060	55.4	0/0	H
2	IGIPA	334438.1S	1414900.3E	059/043	78.9	0/0	H
2	ISGEL	312242.3S	1452007.1E	041/041	227.8	0/0	H
2	VERAV	295939.4S	1471508.9E	040/054	129.2	0/0	H
1	IGDIT	292521.6S	1483501.0E	053/079	77.5	0/0	H
1	GOPVO	292448.7S	1492646.2E	078/078	45.2	0/0	H
1	AVBOS	292415.2S	1500137.2E	078/078	30.4	0/0	H
1	EMTID	292345.9S	1502619.8E	078/050	21.6	0/0	H
2	SUKTU	290506.8S	1510446.3E	050/050	38.4	0/0	H
2	EDPEG	284953.0S	1513542.7E	049/034	31.1	0/0	H
2	ENLIP	275701.5S	1523450.9E	033/029	74.2	0/0	H
2	BN VOR	272157.9S	1530821.2E	029/---	45.9	0/0	H
ATS ROUTE Y31 O/W							
1	PH VOR	315642.2S	1155733.2E	---/074			
1	AMANA	314527.8S	1163743.0E	073/048	36.0	0/0	H
1	LAKIR	313318.6S	1165242.3E	048/021	17.6	0/0	H
1	MANIG	305116.1S	1170955.9E	020/023	44.5	0/0	H
3	LAKMO	294914.8S	1173818.2E	022/022	66.6	0/0	H
2	ANKEL	275901.1S	1182712.5E	021/021	118.0	0/0	H
3	MURCH	264539.1S	1185846.1E	020/020	78.4	0/0	H
3	WONYU	245529.6S	1194449.0E	020/020	117.4	0/0	H
1	COOBI	233517.3S	1201725.4E	019/021	85.3	0/0	H
2	DAMPU	212217.2S	1211607.6E	021/021	143.3	0/0	H
2	ASEBU	200750.4S	1214903.4E	021/021	80.3	0/0	B
1	KAPNI	185645.3S	1221958.3E	021/353	76.6	0/0	B
4	BRM NDB	175646.7S	1221407.1E	353/---	60.0	0/0	B
ATS ROUTE Y32 O/W							
3	ELDEK	203258.8S	1491429.9E	---/139			
1	EGUGO	235053.5S	1513255.9E	137/137	235.4	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	REBEG	255829.4S	1530646.0E	135/---	153.2	0/0	H
ATS ROUTE Y33 O/W							
3	MATAR	220618.5S	1461849.5E	---/173			
2	MIMIB	274515.3S	1461218.8E	172/172	337.9	0/0	H
4	SAPNO	290000.0S	1461047.3E	172/172	74.6	0/0	H
3	BORLI	341458.0S	1460355.3E	170/176	314.3	0/0	H
1	DUBED	353630.1S	1455205.7E	175/---	82.0	0/0	H
ATS ROUTE Y34 O/W							
3	HUG NDB	204914.2S	1441344.5E	---/067			
2	DAVEY	202432.6S	1454458.8E	066/067	89.1	4700/0	L
3	EFFEY	200921.3S	1464030.8E	066/065	54.4	4700/0	L
1	BATIR	200646.6S	1464919.0E	065/---	8.7	3200/0	L
ATS ROUTE Y35 O/W							
1	KACEY	352637.2S	1465332.0E	---/031			
3	METUV	341340.0S	1481443.9E	030/058	98.9	3200/0	B
3	ENVOL	335507.1S	1491311.2E	057/---	52.0	4500/0	B
ATS ROUTE Y36 O/W							
1	MANIG	305116.1S	1170955.9E	---/048			
3	ENGUD	295934.1S	1181233.6E	046/046	74.8	0/0	H
2	YEEDI	285207.4S	1193147.7E	045/045	96.5	0/0	H
3	LST NDB	275026.3S	1204201.0E	044/033	87.3	0/0	H
4	AGREK	270120.1S	1211921.5E	033/033	59.2	0/0	H
2	BIDAP	242404.6S	1231444.3E	031/---	188.2	0/0	H
ATS ROUTE Y37 O/W							
1	RUGBO	292049.1S	1165656.0E	---/003			
1	ENVOS	284555.0S	1165817.0E	002/---	34.8	0/0	L
ATS ROUTE Y38 O/W							
3	AKDAV	330146.5S	1361212.9E	---/138			
1	ATNAR	344402.4S	1373902.7E	137/---	125.1	3800/0	H
ATS ROUTE Y39 O/W							
3	DADRU	344954.7S	1360000.0E	---/079			
1	ATNAR	344402.4S	1373902.7E	078/---	81.8	3800/0	H
ATS ROUTE Y41 O/W							
1	NINEK	304053.3S	1165428.4E	---/002			
1	RUGBO	292049.1S	1165656.0E	002/300	79.9	0/0	L
1	IKEVA	291257.0S	1164112.0E	300/---	15.8	0/0	L
ATS ROUTE Y43 O/W							
1	MATLA	324517.6S	1513154.7E	---/012			
1	GUXOT	312008.0S	1521733.4E	012/012	93.4	0/0	H
3	BANDA	304759.3S	1523423.4E	012/010	35.2	0/0	H
1	VESOK	300645.3S	1525324.1E	010/010	44.3	0/0	H
3	BERNI	285018.1S	1532754.8E	010/010	82.0	0/0	H
1	ROONY	283132.6S	1533614.4E	010/356	20.1	0/0	H
1	GREAV	281900.1S	1533811.0E	356/344	12.6	0/0	H
1	KERRI	280910.6S	1533718.0E	344/250	9.8	0/0	H
3	GOMOL	281008.2S	1533014.7E	250/---	6.3	0/0	H
ATS ROUTE Y44 O/W							
2	ESDEG	291231.7S	1160124.9E	---/015			
2	KAYOK	274430.5S	1162601.0E	014/014	90.4	0/0	B
3	IGASO	263818.5S	1164404.4E	014/014	67.9	0/0	B
2	PEXOR	242721.9S	1171845.7E	013/013	134.3	0/0	B
3	BUTON	212448.0S	1180506.0E	012/025	186.9	0/0	B
2	PD VOR	202242.5S	1183721.8E	025/---	68.8	0/0	B
ATS ROUTE Y46 O/W							
2	IGIPA	334438.1S	1414900.3E	---/059			
2	ALASU	330000.0S	1440000.0E	058/049	118.4	0/0	H
2	GUMAP	305201.8S	1475353.7E	046/046	236.5	0/0	H
1	AVGEK	294350.9S	1494932.6E	044/044	121.0	0/0	H
2	RACHL	293209.3S	1500850.2E	044/050	20.5	0/0	H
1	EMTID	292345.9S	1502619.8E	050/---	17.4	0/0	H
ATS ROUTE Y50 O/W							
1	OVNOM	293912.8S	1500604.6E	---/129			
1	NIXIM	295426.4S	1502041.2E	129/149	19.8	3700/0	B
3	RUPOG	303643.6S	1503818.9E	149/149	44.9	4500/0	B
3	TW VOR	310357.9S	1504948.9E	148/156	28.9	4300/0	B
1	ADMOD	315030.0S	1510115.0E	156/167	47.5	6100/0	B
1	IRPIR	320848.4S	1510131.4E	167/167	18.3	4500/0	B
1	IVTON	323219.0S	1510155.3E	167/167	23.5	3700/0	B
1	DABOG	324653.1S	1510210.2E	167/167	14.5	3000/0	B
1	BOREE	331414.2S	1510238.4E	167/158	27.3	3000/0	B
1	TESAT	335637.7S	1511057.3E	158/---	42.9	2500/0	B
ATS ROUTE Y52 O/W							
4	APOMA	295352.7S	1424053.5E	---/121			
1	GUVBO	330401.0S	1472652.8E	115/098	309.4	0/0	H
1	OMDOG	331452.4S	1480457.7E	097/114	33.8	0/0	H
3	ENVOL	335507.1S	1491311.2E	113/072	69.7	0/0	H
1	RUPEM	335322.1S	1493452.1E	072/081	18.1	0/0	H
1	TOROB	335347.1S	1494518.3E	080/081	8.7	0/0	H
1	REVKI	335418.9S	1495634.2E	081/077	9.4	0/0	H
1	UPDAK	335327.1S	1504305.6E	076/---	38.7	0/0	H
ATS ROUTE Y53 O/W							
1	BURGU	325811.5S	1183919.7E	---/114			
1	MEMUP	334511.6S	1205230.2E	112/112	121.0	0/0	H
2	VIMUS	350406.0S	1250000.0E	108/105	219.4	0/0	H
2	RIDLE	354518.0S	1280000.0E	102/102	152.8	0/0	H
2	ROMPA	362700.0S	1313000.0E	098/098	175.2	0/0	H
2	RUFLE	370154.0S	1350000.0E	094/094	172.3	0/0	H
1	BUNGY	372906.0S	1381948.0E	090/090	161.8	0/0	H
3	MTG VOR	374505.0S	1404707.0E	087/083	118.1	0/0	H
2	TYNDI	374816.9S	1421855.9E	081/081	72.9	2600/0	B
1	ALAXO	375024.0S	1435842.0E	080/---	79.1	3000/0	B
ATS ROUTE Y54 O/W							
2	UBDIB	341403.1S	1402059.7E	---/067			
1	VENEL	332824.4S	1434624.5E	064/060	177.0	0/0	H
2	ISNUG	324119.4S	1461446.2E	058/070	133.2	0/0	H
2	RIKDA	321713.6S	1485938.2E	068/057	141.5	0/0	H
1	OVSIV	315906.4S	1495354.9E	057/037	49.5	0/0	H
1	URKER	313647.5S	1502300.4E	036/030	33.3	0/0	H
1	OLRIP	302354.4S	1513820.9E	030/034	97.4	0/0	H
1	OVREX	295232.4S	1521538.6E	034/034	45.0	0/0	H
1	VIMEG	293553.5S	1523511.8E	034/034	23.8	0/0	H
3	BERNI	285018.1S	1532754.8E	033/---	64.8	0/0	H
ATS ROUTE Y59 O/W							
1	DOSEL	370954.4S	1452343.1E	---/043			
3	EBONY	361056.5S	1470414.3E	041/041	100.0	0/0	H
1	ARRAN	355015.2S	1473821.8E	041/041	34.5	0/0	H
1	NONUP	352550.1S	1481755.8E	040/040	40.4	0/0	H
1	CULIN	344424.0S	1492324.0E	040/050	67.8	0/0	H
1	TARAL	343006.6S	1495600.5E	049/049	30.5	0/0	H
1	ENLAD	342257.6S	1501207.8E	049/049	15.1	0/0	H
1	RIVET	341650.7S	1502549.1E	049/049	12.9	0/0	H
1	TESAT	335637.7S	1511057.3E	049/---	42.6	0/0	H
ATS ROUTE Y60 O/W							
2	ESDEG	291231.7S	1160124.9E	---/025			
2	PALTI	275109.0S	1164212.6E	024/024	88.8	0/0	H
3	ISDOR	260754.0S	1173223.4E	023/019	112.3	0/0	H
2	TUSVA	243219.3S	1180819.8E	018/018	100.7	0/0	H

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1 ■ 2 ▲ 3 △ 4 ◭ 5 ◺

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	GUVNA	230200.1S	1184124.8E	018/---	95.0	0/0	H
ATS ROUTE Y61 O/W							
1	MUNAR	212948.9S	1491701.8E	---/150			
3	ROX	242938.9S	1503411.6E	149/---	192.8	0/0	H
ATS ROUTE Y62 O/W							
2	ANROM	294733.6S	1470618.9E	---/064			
1	IGDIT	292521.6S	1483501.0E	063/---	80.4	0/0	H
ATS ROUTE Y66 O/W							
1	CORRS	375532.0S	1453649.8E	---/098			
4	GIVID	391412.4S	1502737.4E	092/---	241.2	0/0	H
ATS ROUTE Y67 O/W							
1	BOSLI	311607.6S	1173140.6E	---/066			
3	YAHMO	304300.6S	1185149.3E	064/087	76.4	0/0	H
1	DOBGU	303649.0S	1205431.9E	086/110	106.0	0/0	H
3	KG VOR	304723.4S	1212710.0E	110/---	30.0	0/0	H
ATS ROUTE Y69 O/W							
1	LAKIR	313318.6S	1165242.3E	---/064			
1	BOSLI	311607.6S	1173140.6E	064/054	37.5	0/0	H
3	YOKRA	300447.1S	1191933.6E	052/056	117.1	0/0	H
2	LEO NDB	285243.9S	1211913.0E	054/067	126.8	0/0	H
4	SKIPA	265423.5S	1262207.1E	063/063	293.2	0/0	H
3	MARIT	260050.3S	1282734.7E	061/061	124.6	0/0	H
3	UPRUN	252759.7S	1294135.3E	060/060	74.4	0/0	H
1	RURAP	244145.6S	1312224.0E	059/059	102.5	0/0	H
3	VIPAR	240045.7S	1324848.5E	058/---	88.9	0/0	H
ATS ROUTE Y70 O/W							
2	ATNAT	335409.5S	1543011.6E	---/005			
2	NUBNI	330653.0S	1544940.0E	005/005	49.9	0/0	H
2	DUDEP	323455.9S	1550237.1E	005/004	33.7	0/0	H
2	BISAB	320757.7S	1551238.2E	004/---	28.2	0/0	H
ATS ROUTE Y71 O/W							
2	VAGPO	310000.0S	1424844.5E	---/110			
1	GUVBO	330401.0S	1472652.8E	105/---	266.8	0/0	H
ATS ROUTE Y76 O/W							
1	SCOTT	275206.0S	1534800.0E	---/121			
4	SIFRA	294804.9S	1561224.6E	119/---	171.7	0/0	H
ATS ROUTE Y77 O/W							
2	GEL VOR	284725.2S	1144222.0E	---/003			
1	MORID	260124.9S	1144908.7E	003/003	165.7	0/0	B
1	SAGNO	215832.4S	1145830.8E	002/---	242.2	0/0	B
ATS ROUTE Y79 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/066			
3	KANKO	262823.3S	1490433.2E	065/092	16.4	0/0	B
2	BEPNA	264325.7S	1502557.5E	091/095	74.5	0/0	B
3	IRMOX	264610.0S	1503701.0E	095/096	10.3	0/0	B
3	OPIPO	265944.7S	1512803.8E	096/096	47.6	0/0	B
1	NODOR	270850.0S	1520254.0E	095/095	32.4	0/0	B
1	WOODY	271416.9S	1522416.9E	095/090	19.8	0/0	B
3	BN VOR	272157.9S	1530821.2E	090/---	40.0	0/0	B
ATS ROUTE Y80 O/W							
2	LAKOT	213024.1S	1453422.2E	---/033			
1	BATIR	200646.6S	1464919.0E	032/007	109.0	0/0	H
2	VOMPA	194825.3S	1465418.1E	007/---	18.9	0/0	B
ATS ROUTE Y81 O/W							
1	CORRS	375532.0S	1453649.8E	---/084			

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	GEMAC	381325.8S	1501930.5E	079/---	223.9	0/0	H
ATS ROUTE Y82 O/W							
1	ISNOL	342312.4S	1485831.8E	---/011			
3	ENVOL	335507.1S	1491311.2E	011/---	30.6	4500/0	B
ATS ROUTE Y83 O/W							
2	BEBUX	145547.9S	1324038.1E	---/175			
2	GREGA	170020.2S	1324528.0E	175/---	124.1	0/0	H
ATS ROUTE Y84 O/W							
3	TESAT	335637.7S	1511057.3E	---/115			
3	OPTIC	342404.1S	1515319.8E	114/116	44.6	0/0	H
4	TONIM	360153.7S	1542045.9E	113/---	155.3	0/0	H
ATS ROUTE Y85 O/W							
2	KILIK	111012.9S	1264812.1E	---/091			
2	PAGMI	111435.0S	1283921.0E	090/---	109.3	0/0	H
ATS ROUTE Y87 O/W							
1	MEMUP	334511.6S	1205230.2E	---/128			
4	TAPAX	361818.0S	1250000.0E	124/---	254.3	0/0	H
ATS ROUTE Y88 O/W							
3	GUMKI	271113.0S	1535133.0E	---/043			
3	HARVS	254259.9S	1560400.5E	042/---	147.9	0/0	B
ATS ROUTE Y89 O/W							
2	KELPI	223410.2S	1513511.6E	---/172			
1	BESBO	254440.1S	1512929.5E	171/---	190.0	0/0	H
ATS ROUTE Y91 O/W							
2	IDOTO	113106.0S	1263848.4E	---/081			
2	PAGMI	111435.0S	1283921.0E	080/101	119.5	0/0	H
2	ANUPA	113051.6S	1295424.7E	100/---	75.5	0/0	H
ATS ROUTE Y93 O/W							
1	VIPAR	240045.7S	1324848.5E	---/062			
1	LISZT	233958.3S	1333834.7E	061/116	50.1	0/0	B
2	AS VOR	234734.4S	1335241.6E	116/---	15.0	0/0	B
ATS ROUTE Y94 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/073			
3	MEMOV	301151.1S	1405758.8E	071/071	133.2	0/0	B
4	APOMA	295352.7S	1424053.5E	070/070	91.1	0/0	B
5	IDODA	292646.4S	1450214.8E	068/068	126.1	0/0	B
4	AROLI	290702.8S	1463702.6E	067/067	85.2	0/0	B
2	GUSNI	281223.4S	1503316.7E	064/064	214.8	0/0	B
2	PARRY	274446.3S	1522119.9E	062/---	99.6	0/0	B
ATS ROUTE Y95 O/W							
1	ADKUL	092436.9S	1295619.5E	---/179			
2	ANUPA	113051.6S	1295424.7E	179/---	125.7	0/0	H
ATS ROUTE Y97 O/W							
2	KA VOR	204254.3S	1164626.2E	---/169			
3	MUNNI	211233.8S	1165157.9E	169/---	30.0	0/0	B
ATS ROUTE Y98 O/W							
3	GUMKI	271113.0S	1535133.0E	---/098			
3	BONEY	274830.0S	1555430.0E	096/---	115.5	0/0	B
ATS ROUTE Y105 O/W							
4	VEPAP	290000.0S	1443541.9E	---/141			
1	GUVBO	330401.0S	1472652.8E	137/115	284.4	0/0	H
1	VELGI	332151.4S	1475539.5E	115/121	30.0	0/0	H
1	MAKKA	342551.1S	1492005.5E	120/086	95.0	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	TARAL	343006.6S	1495600.5E	085/---	30.0	5900/0	H
ATS ROUTE Y108 O/W							
1	METES	365539.1S	1442310.8E	---/096			
4	GEMAC	381325.8S	1501930.5E	089/---	293.7	0/0	H
ATS ROUTE Y126 O/W							
1	GUXOT	312008.0S	1521733.4E	---/028			
1	AGRAB	310000.0S	1523724.0E	028/---	26.3	0/0	H
ATS ROUTE Y130 O/W							
1	OLRIP	302354.4S	1513820.9E	---/051			
1	IDBAB	300540.0S	1521758.0E	050/034	38.8	0/0	H
1	UPSEL	293314.0S	1525543.0E	033/026	46.1	0/0	H
2	BNA NDB	285004.2S	1533344.6E	026/---	54.4	2300/0	B
ATS ROUTE Y135 O/W							
1	BURGU	325811.5S	1183919.7E	---/093			
2	HECTO	330018.0S	1203054.0E	091/100	93.9	0/0	H
1	STILE	331154.0S	1215036.0E	099/101	67.9	0/0	H
2	AKRUN	334236.0S	1250000.0E	098/098	161.4	0/0	H
2	MOSLA	340700.0S	1280000.0E	095/095	151.8	0/0	H
2	NUSKU	342942.0S	1313000.0E	092/092	175.4	0/0	H
2	TUTNO	344618.0S	1350000.0E	088/088	174.1	0/0	H
3	DADRU	344954.7S	1360000.0E	087/087	49.5	0/0	H
3	TEDUS	345441.5S	1373648.2E	085/---	79.8	0/0	H
ATS ROUTE Y139 O/W							
2	MIGAX	160143.5S	1342644.9E	---/129			
2	LEMUD	184141.4S	1373416.4E	127/127	239.9	0/0	H
2	OKVAR	212219.0S	1405241.6E	124/124	246.0	0/0	H
2	OSANO	222747.7S	1421705.1E	123/123	102.1	0/0	H
2	IGNIX	241847.5S	1444536.7E	121/---	175.8	0/0	H
ATS ROUTE Y153 O/W							
1	AKROM	182113.7S	1464801.0E	---/159			
3	JEMMA	194910.6S	1471130.4E	158/158	90.4	0/0	H
2	GOBAR	224504.7S	1475953.6E	157/157	181.0	0/0	H
1	ARNTU	253805.0S	1484937.8E	156/156	178.3	0/0	H
2	KANKO	262823.3S	1490433.2E	155/153	51.9	0/0	H
3	ROKUU	281103.3S	1494007.6E	152/---	107.2	0/0	H
ATS ROUTE Y161 O/W							
2	SURVO	152149.9S	1364006.5E	---/137			
2	NOMEL	204523.5S	1412328.4E	133/133	420.3	0/0	H
2	NUMRI	221410.1S	1424549.3E	132/132	117.1	0/0	H
2	IGNIX	241847.5S	1444536.7E	130/127	166.1	0/0	H
3	MEYJI	252034.7S	1455336.8E	126/126	87.3	0/0	H
2	UBGAN	272011.7S	1481027.1E	124/143	171.3	0/0	H
2	SGE NDB	280249.8S	1483549.8E	142/131	48.1	0/0	H
2	OTLAM	285452.5S	1492405.8E	130/130	67.1	0/0	H
1	OVNOM	293912.8S	1500604.6E	129/---	57.5	0/0	H
ATS ROUTE Y166 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/069			
3	IDLEG	260848.3S	1505451.4E	068/---	117.4	0/0	B
ATS ROUTE Y173 O/W							
2	GULOP	154912.4S	1415522.4E	---/148			
3	BEPKU	174607.5S	1425549.5E	147/147	130.1	0/0	H
3	DOLIB	203326.8S	1442501.0E	146/147	186.8	0/0	H
2	DABMI	214340.3S	1450205.8E	146/146	78.1	0/0	H
3	PUDUR	242355.0S	1462922.1E	145/145	178.8	0/0	H
2	ELRUG	255523.4S	1472103.3E	144/144	102.5	0/0	H
2	UBGAN	272011.7S	1481027.1E	143/---	95.4	0/0	H
ATS ROUTE Y177 O/W							
3	CS VOR	165100.1S	1454438.0E	---/140			
1	AKROM	182113.7S	1464801.0E	139/144	108.4	0/0	H
1	WALTA	194126.2S	1473526.3E	143/143	91.7	0/0	H
1	COCKA	230230.7S	1493829.5E	141/141	230.9	0/0	H
1	ROX	242938.9S	1503411.6E	140/137	100.8	0/0	H
1	BESBO	254440.1S	1512929.5E	136/128	90.1	0/0	H
1	LAMUG	263802.0S	1522256.0E	127/126	71.7	0/0	H
1	SMOKA	265232.7S	1523755.8E	126/126	19.7	0/0	H
1	DAYBO	270715.3S	1525305.6E	126/126	20.0	0/0	H
1	BN VOR	272157.9S	1530821.2E	126/106	20.0	0/0	H
1	DUNNI	272849.0S	1532321.5E	106/132	15.0	0/0	H
1	IDRIL	274152.3S	1533424.7E	132/176	16.3	0/0	H
1	GOMOL	281008.2S	1533014.7E	176/---	28.4	0/0	H
ATS ROUTE Y193 O/W							
1	OLSEM	333852.0S	1513618.5E	---/020			
1	ISMUM	332940.3S	1514331.9E	020/002	11.0	0/0	H
1	EMVUG	332218.3S	1514555.1E	002/002	7.6	0/0	H
1	VERES	312117.0S	1522410.0E	003/003	125.0	0/0	H
3	BANDA	304759.3S	1523423.4E	003/---	34.4	0/0	H
ATS ROUTE Y195 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/099			
3	OK VOR	272358.8S	1514416.3E	096/096	166.5	0/0	B
1	AGIVA	272713.2S	1515559.9E	096/117	10.9	0/0	B
3	PARRY	274446.3S	1522119.9E	117/062	28.5	0/0	B
3	ELENI	274233.3S	1522944.2E	062/062	7.8	0/0	B
3	DULIN	273855.5S	1524324.6E	062/063	12.7	0/0	B
1	GLENN	273430.0S	1530112.0E	063/016	16.4	0/0	B
1	BN VOR	272157.9S	1530821.2E	016/---	14.0	0/0	B
ATS ROUTE Y207 O/W							
2	LM VOR	221405.4S	1140538.9E	---/165			
2	KADLU	245321.1S	1145149.9E	165/165	164.3	0/0	B
2	BORVI	272248.1S	1153704.7E	165/---	154.5	0/0	B
ATS ROUTE Y208 O/W							
1	VENGA	212246.0S	1151259.9E	---/176			
1	PANBA	215824.0S	1151517.0E	176/176	35.6	0/0	B
2	VESIM	233409.0S	1152131.4E	176/176	95.6	0/0	B
2	BORVI	272248.1S	1153704.7E	177/---	228.4	0/0	B
ATS ROUTE Y218 O/W							
3	BENDO	351436.2S	1393036.5E	---/121			
1	LOLLS	361404.3S	1410000.0E	119/148	93.9	0/0	H
1	GRACY	372050.2S	1413443.3E	147/118	72.3	0/0	H
2	TYNDI	374816.9S	1421855.9E	117/---	44.6	0/0	H
ATS ROUTE Y241 O/W							
1	BIVAT	273231.4S	1515443.1E	---/045			
2	WOODY	271416.9S	1522416.9E	044/---	32.0	0/0	B
ATS ROUTE Y258 O/W							
1	IDRAS	271600.5S	1534730.3E	---/276			
1	OTGAT	265803.0S	1524337.0E	277/272	59.8	0/0	H
1	LEBIT	264813.0S	1515627.0E	273/---	43.3	0/0	H
ATS ROUTE Y260 O/W							
1	ML VOR	373936.5S	1445031.2E	---/102			
1	CORRS	375532.0S	1453649.8E	101/104	40.0	0/0	H
4	ECKHO	393928.2S	1503103.9E	097/---	252.3	0/0	H
ATS ROUTE Y305 O/W							
2	KA VOR	204254.3S	1164626.2E	---/179			
2	GUTLI	240636.6S	1164749.9E	179/---	203.0	0/0	B
ATS ROUTE Y316 O/W							

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	ROM NDB	263235.1S	1484654.1E	---/088			
2	BEPNA	264325.7S	1502557.5E	086/---	89.4	0/0	B
ATS ROUTE Y327 O/W							
1	VIMAP	403927.4S	1471154.2E	---/010			
1	MAKRL	382952.2S	1482528.0E	010/---	141.4	0/0	H
ATS ROUTE Y340 O/W							
1	IGUPI	262848.9S	1515541.6E	---/100			
1	LAMUG	263802.0S	1522256.0E	100/---	26.1	0/0	H
ATS ROUTE Y408 O/W							
2	BELUL	242534.5S	1452609.1E	---/081			
3	PUDUR	242355.0S	1462922.1E	080/080	57.7	0/0	L
3	PONAN	242105.7S	1475145.4E	079/---	75.3	0/0	L
ATS ROUTE Y409 O/W							
2	EML NDB	233402.8S	1481015.8E	---/118			
1	BESBO	254440.1S	1512929.5E	115/---	223.4	0/0	H
ATS ROUTE Y495 O/W							
3	PN VOR	202948.8S	1483310.7E	---/150			
3	NITIT	214238.7S	1490400.8E	150/150	78.1	5600/0	H
3	MAGRA	222535.5S	1492227.8E	149/149	46.1	0/0	H
2	COCKA	230230.7S	1493829.5E	149/---	39.7	0/0	H
ATS ROUTE Y557 O/W							
2	URBEN	415236.0S	1461736.0E	---/103			
1	MORGO	421018.0S	1470439.9E	102/---	39.3	6100/0	B
ATS ROUTE Y684 O/W							
2	MOVBA	233330.0S	1451752.8E	---/089			
3	OMUBI	233815.4S	1460405.8E	088/106	42.7	0/0	L
3	PONAN	242105.7S	1475145.4E	104/104	107.4	0/0	L
3	COOLA	251800.0S	1502204.7E	102/095	148.0	0/0	L
3	SUSGI	253541.9S	1514023.4E	093/---	73.0	0/0	L
ATS ROUTE Z10 O/W							
2	TODOT	091758.5S	1265724.5E	126/126	66.7	0/0	B
2	ANUPA	113051.6S	1295424.7E	125/---	218.9	0/0	B
ATS ROUTE Z11 T/W							
3	CS VOR	165100.1S	1454438.0E	---/289			
3	IDETU	161153.5S	1442011.5E	290/290	90.0	0/0	L
3	RUMGI	154530.6S	1432411.7E	290/290	60.0	0/0	L
2	MILAK	145350.0S	1413639.0E	291/---	116.0	0/0	L
ATS ROUTE Z12 T/W							
2	BACAU	082906.0S	1262400.0E	---/114			
4	ELBIS	090518.0S	1274342.0E	113/---	86.7	0/0	H
ATS ROUTE Z13 T/W							
3	BDV NDB	255346.6S	1392112.3E	---/357			
3	MUGTI	242046.0S	1392737.0E	357/010	92.9	0/0	L
3	BOU NDB	225453.2S	1395425.1E	010/---	89.1	0/0	L
ATS ROUTE Z14 T/W							
2	MILAK	145350.0S	1413639.0E	---/162			
3	VEVAV	152847.3S	1414454.5E	162/---	35.7	0/0	L
ATS ROUTE Z17 O/W							
1	AKROM	182113.7S	1464801.0E	---/128			
3	OVRON	202104.2S	1485721.2E	126/---	170.9	0/0	B
ATS ROUTE Z19 O/W							
1	PH VOR	315642.2S	1155733.2E	---/056			
1	REPOK	313539.4S	1163151.2E	056/021	36.0	0/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	NINEK	304053.3S	1165428.4E	020/026	58.0	0/0	L
3	DUTAK	293011.6S	1173256.1E	026/026	78.0	0/0	L
1	LAKAV	284326.7S	1175749.4E	025/025	51.5	0/0	L
2	WIRAL	274630.7S	1182735.1E	025/025	62.6	0/0	L
3	MURCH	264539.1S	1185846.1E	024/015	66.7	0/0	L
2	KABRO	251907.8S	1192521.6E	015/---	89.5	0/0	L
ATS ROUTE Z22 O/W							
2	LEO NDB	285243.9S	1211913.0E	---/218			
1	MULDM	294707.8S	1202837.4E	219/---	70.0	0/0	L
ATS ROUTE Z23 O/W							
1	AVGIK	312644.1S	1164431.3E	---/066			
1	KATCM	310917.7S	1172709.5E	065/084	40.5	0/0	L
3	VIROK	305711.4S	1190946.8E	082/086	89.0	0/0	L
3	KG VOR	304723.4S	1212710.0E	084/---	118.6	0/0	L
ATS ROUTE Z25 O/W							
1	AKROM	182113.7S	1464801.0E	---/134			
3	ALBUX	200116.3S	1481254.9E	133/---	128.0	0/0	B
ATS ROUTE Z31 O/W							
2	AKNON	273827.0S	1524243.0E	---/092			
2	COWIE	274026.0S	1525206.0E	092/091	8.6	0/0	L
2	MAYSO	274129.0S	1525737.0E	091/091	5.0	0/0	L
1	LAGOB	274541.1S	1532003.6E	090/148	20.4	0/0	L
3	GOMOL	281008.2S	1533014.7E	148/134	26.0	0/0	L
2	SEMAJ	284036.0S	1535342.0E	134/---	36.8	0/0	L
ATS ROUTE Z32 T/W							
1	IPLAV	174503.9S	1393154.3E	---/250			
1	TERAR	175610.9S	1384907.1E	250/---	42.3	0/0	L
ATS ROUTE Z33 T/W							
1	AMB TAC	273829.5S	1524258.0E	---/195			
1	EMPUM	275158.9S	1523529.2E	195/147	15.0	0/0	L
2	IDNER	285228.5S	1530252.7E	146/125	65.0	0/0	L
1	TEDEB	291145.2S	1532346.3E	124/---	26.6	0/0	L
ATS ROUTE Z35 T/W							
3	OVMIS	162417.2S	1310024.5E	---/347			
3	JULES	150930.8S	1304633.5E	347/358	75.7	0/0	L
3	MOTRU	135733.4S	1304639.3E	358/002	71.6	0/0	L
2	DN VOR	122523.8S	1305423.3E	003/---	92.1	0/0	L
ATS ROUTE Z36 T/W							
1	AKMIR	341042.8S	1500624.3E	---/356			
1	GORPU	340132.0S	1500801.5E	356/356	9.3	4900/4900	L
1	ISBUL	334218.4S	1501123.8E	356/029	19.4	5600/5600	L
1	RUTOS	331447.6S	1504018.8E	029/059	36.6	5100/5100	L
1	MAKOR	330644.0S	1510821.5E	058/---	24.9	3200/3200	L
ATS ROUTE Z38 O/W							
3	NISOP	283644.1S	1222521.1E	---/234			
1	MULDM	294707.8S	1202837.4E	235/235	124.0	0/0	L
2	BUNGL	302017.3S	1193139.4E	236/236	59.5	0/0	L
3	YAHMO	304300.6S	1185149.3E	237/231	41.2	0/0	L
1	KELLA	313255.1S	1173921.9E	233/242	79.7	0/0	L
2	LAVEX	315326.7S	1165610.5E	242/267	42.2	0/0	L
1	PH VOR	315642.2S	1155733.2E	268/---	50.0	0/0	L
ATS ROUTE Z41 O/W							
2	GEL VOR	284725.2S	1144222.0E	---/149			
1	AVDIS	292118.9S	1150645.6E	149/141	40.0	0/0	L
1	HINDS	304741.6S	1163216.5E	140/175	113.7	0/0	L
1	TEBIP	310533.1S	1163427.3E	175/---	17.9	0/0	L

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Z42 T/W							
3	CS VOR	165100.1S	1454438.0E	---/305			
2	VAKSA	151106.3S	1434804.8E	306/306	150.0	0/0	L
3	SAMOR	132119.3S	1414321.1E	307/---	163.1	0/0	L
ATS ROUTE Z43 O/W							
1	RAKSO	340218.9S	1504129.7E	---/015			
1	NOLEM	335533.6S	1504545.0E	015/313	7.6	2000/0	L
1	ATRIR	334745.2S	1503916.7E	313/328	9.5	2500/0	L
1	TUPMA	334317.2S	1503723.5E	328/033	4.7	2800/0	L
1	STUIE	333549.0S	1504635.0E	033/---	10.7	2900/0	L
ATS ROUTE Z44 O/W							
1	PH VOR	315642.2S	1155733.2E	---/137			
1	MEVAD	322225.2S	1162717.5E	137/123	36.0	0/0	L
1	PUMRY	323910.9S	1165930.0E	123/107	32.0	0/0	L
3	ESP VOR	334050.1S	1214925.6E	102/---	251.0	0/0	L
ATS ROUTE Z47 O/W							
3	BOGES	365109.9S	1454418.5E	---/087			
1	OMBIS	370253.0S	1472004.0E	086/---	77.6	0/0	L
ATS ROUTE Z50 O/W							
2	AYE NDB	251021.7S	1305829.3E	---/101			
1	AVMON	253003.8S	1322405.3E	100/145	80.0	0/0	B
3	KADBA	261242.2S	1325207.7E	145/---	49.5	0/0	B
ATS ROUTE Z51 T/W							
2	TL VOR	191439.1S	1464529.1E	---/265			
2	KADMU	190550.6S	1433938.5E	267/267	176.1	0/0	L
2	PUDIN	185625.3S	1410932.7E	269/269	142.5	0/0	L
3	KAKTU	184514.0S	1384211.0E	270/---	140.2	0/0	L
ATS ROUTE Z52 O/W							
1	MALUP	322150.0S	1173922.2E	---/309			
2	LAVEX	315326.7S	1165610.5E	309/---	46.3	0/0	L
ATS ROUTE Z54 T/W							
3	LTV NDB	381209.1S	1462832.6E	---/025			
2	DADER	364248.2S	1475400.7E	024/024	112.2	0/0	L
3	CB VOR	351653.2S	1491144.6E	023/---	106.5	0/0	L
ATS ROUTE Z55 T/W							
2	KA VOR	204254.3S	1164626.2E	---/205			
1	GUGRA	212336.0S	1162542.0E	205/190	44.9	2700/4700	B
2	AVNOV	233000.0S	1160018.7E	190/192	128.1	4700/5100	B
3	WOLAG	263416.7S	1151557.1E	193/193	188.1	5000/5000	B
2	GEL VOR	284725.2S	1144222.0E	194/---	136.1	2900/2900	B
ATS ROUTE Z56 T/W							
3	WDH NDB	252439.3S	1423947.5E	---/123			
1	AVDOT	263631.0S	1441527.0E	121/076	112.1	0/0	L
3	CV NDB	262512.1S	1461456.4E	075/---	107.8	0/0	L
ATS ROUTE Z59 O/W							
1	TUPMA	334317.2S	1503723.5E	---/352			
1	RUTOS	331447.6S	1504018.8E	352/---	28.5	3500/0	L
ATS ROUTE Z61 O/W							
1	NINEK	304053.3S	1165428.4E	---/038			
3	LAKMO	294914.8S	1173818.2E	037/037	64.0	0/0	L
2	OMLAT	281707.1S	1185410.7E	035/035	113.4	0/0	L
3	WLU NDB	263729.2S	1201312.0E	034/---	121.7	0/0	L
ATS ROUTE Z66 O/W							
1	TUPMA	334317.2S	1503723.5E	---/295			
1	DUBSU	333532.0S	1502521.0E	295/---	12.7	4900/0	L
ATS ROUTE Z67 O/W							
1	KATCM	310917.7S	1172709.5E	---/071			
3	YAHMO	304300.6S	1185149.3E	070/---	77.4	0/0	L
ATS ROUTE Z68 O/W							
3	KAKDO	290557.5S	1222710.9E	---/242			
2	BUNGL	302017.3S	1193139.4E	245/---	169.9	0/0	L
ATS ROUTE Z69 O/W							
1	JULIE	114745.7S	1294213.2E	---/306			
2	METAN	092707.4S	1264047.3E	307/307	227.0	0/0	L
ATS ROUTE Z70 T/W							
1	HAAVI	251926.7S	1525259.0E	---/161			
1	SU VOR	263551.7S	1530525.1E	161/---	77.0	2200/2200	L
ATS ROUTE Z71 O/W							
1	TUPMA	334317.2S	1503723.5E	---/260			
1	KADOM	334238.9S	1501758.6E	260/---	16.2	4900/0	L
ATS ROUTE Z74 O/W							
1	ONEGI	262523.6S	1203436.1E	---/197			
1	URAMU	264550.5S	1202708.2E	197/214	21.5	0/0	L
3	LIRRI	271938.8S	1200059.8E	214/214	41.0	0/0	L
2	ENTAL	282841.9S	1190633.4E	215/215	84.1	0/0	L
2	NOMAV	291203.9S	1183136.4E	216/227	53.0	0/0	L
1	OVLUK	303538.6S	1164647.2E	229/---	123.5	0/0	L
ATS ROUTE Z81 T/W							
4	SATNA	110412.0S	1243412.0E	---/145			
4	NONOK	163754.1S	1282655.5E	143/143	402.0	0/0	H
2	GEKKO	211209.3S	1315023.6E	141/141	334.4	0/0	H
2	AS VOR	234734.4S	1335241.6E	139/---	191.9	0/0	H
ATS ROUTE Z82 O/W							
1	OMBIS	370253.0S	1472004.0E	---/249			
3	TEMIS	371222.8S	1455006.2E	251/---	72.6	0/0	L
ATS ROUTE Z83 O/W							
1	KATCM	310917.7S	1172709.5E	---/058			
3	YOKRA	300447.1S	1191933.6E	056/---	116.4	0/0	L
ATS ROUTE Z84 T/W							
1	SU VOR	263551.7S	1530525.1E	---/360			
1	CREDY	254824.0S	1531512.0E	360/314	48.1	1800/1800	L
1	HAAVI	251926.7S	1525259.0E	315/299	35.2	2200/2200	L
3	BUD NDB	245423.7S	1521913.1E	299/---	39.5	1700/1700	L
ATS ROUTE Z86 O/W							
3	IKUMA	102548.0S	1270806.0E	---/318			
2	ISMUD	093746.5S	1262659.5E	319/319	62.7	0/0	H
ATS ROUTE Z87 O/W							
1	REPOK	313539.4S	1163151.2E	---/052			
1	AVGIK	312644.1S	1164431.3E	052/022	14.0	0/0	L
1	VILOD	304541.2S	1170221.4E	021/054	43.7	0/0	L
3	ENGUD	295934.1S	1181233.6E	053/053	76.2	0/0	L
2	BULGI	290003.2S	1194014.6E	051/051	96.8	0/0	L
3	MIDIM	275230.1S	1211610.9E	050/---	108.1	0/0	L
ATS ROUTE Z88 O/W							
1	MEPIL	332409.8S	1511241.1E	---/188			
1	ATIRU	332856.6S	1511031.7E	188/188	5.1	2400/0	L
1	OMUVU	333150.8S	1510912.9E	188/188	3.1	2000/0	L
1	BEROW	333647.8S	1510658.4E	188/197	5.3	2000/0	L

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	IRSAG	334307.7S	1510242.4E	197/212	7.3	2000/0	L
1	NIXOD	334518.5S	1510009.9E	212/171	3.0	2000/0	L
1	PILAK	335542.0S	1505918.6E	171/---	10.4	2200/0	L
ATS ROUTE Z90 T/W							
1	AREPA	343427.7S	1375111.0E	---/324			
3	RUTMO	330043.5S	1365042.6E	325/325	106.3	0/0	L
2	TEGEX	311309.4S	1354415.6E	326/---	121.3	0/0	L
ATS ROUTE Z91 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/313			
1	TEGAL	314732.8S	1361807.5E	314/313	98.0	0/0	B
2	TEGEX	311309.4S	1354415.6E	314/332	44.9	0/0	B
1	CBP NDB	290154.5S	1344325.6E	333/---	141.2	0/0	B
ATS ROUTE Z92 T/W							
1	CBP NDB	290154.5S	1344325.6E	---/020			
1	RETEP	282956.4S	1350039.5E	020/085	35.3	0/0	B
1	VAPTA	282957.2S	1355005.5E	084/114	43.6	0/0	B
3	CALAR	290000.0S	1364951.1E	113/158	60.5	0/0	B
2	GAANY	302620.2S	1371756.3E	157/169	89.5	0/0	B
3	WHA NDB	330329.2S	1373127.2E	168/---	157.2	0/0	B
ATS ROUTE Z93 T/W							
3	RUTMO	330043.5S	1365042.6E	---/138			
3	MESER	334404.8S	1372715.3E	137/137	53.0	0/0	L
1	MARGO	342450.0S	1380219.2E	136/---	50.0	0/0	L
ATS ROUTE Z95 O/W							
3	MURCH	264539.1S	1185846.1E	---/028			
2	BELBI	250047.6S	1200023.0E	027/023	118.4	0/0	L
3	ATATA	214032.7S	1213538.0E	022/---	218.0	0/0	L
ATS ROUTE Z97 O/W							
1	REVKI	335418.9S	1495634.2E	---/115			
1	GORPU	340132.0S	1500801.5E	115/115	11.9	5800/0	L
1	WELSH	340805.8S	1501829.8E	114/063	10.9	4300/0	L
1	DAMID	340654.7S	1502356.6E	063/060	4.7	4200/0	L
1	RAKSO	340218.9S	1504129.7E	060/033	15.3	3600/0	L
1	ESGID	335526.3S	1504950.7E	033/079	9.8	2000/0	L
1	PILAK	335542.0S	1505918.6E	079/---	7.9	1900/0	L
ATS ROUTE Z98 T/W							
1	HAAVI	251926.7S	1525259.0E	---/170			
1	SAGLI	261816.0S	1525259.0E	169/---	58.6	0/0	L
ATS ROUTE Z102 T/W							
2	CAR VOR	245255.3S	1134022.4E	---/023			
3	TOLAG	234018.7S	1141322.0E	023/023	78.4	1700/1700	L
1	SAGNO	215832.4S	1145830.8E	022/022	109.7	2000/2000	L
3	ONSLO	213959.4S	1150643.4E	022/019	20.0	1600/1600	L
1	VENGA	212246.0S	1151259.9E	018/019	18.1	1600/1600	L
1	BAROW	205150.2S	1152441.4E	019/---	32.7	1700/1700	L
ATS ROUTE Z105 O/W							
1	ELKAB	321529.6S	1504639.9E	---/044			
1	UBLOM	320352.4S	1510656.7E	044/044	20.8	0/0	L
1	EKIBI	320021.6S	1511302.4E	044/---	6.3	0/0	L
ATS ROUTE Z127 O/W							
1	TUPMA	334317.2S	1503723.5E	---/336			
1	NIVOT	332221.0S	1503222.0E	336/319	21.3	3900/0	L
1	EKESU	330135.0S	1501911.0E	320/006	23.5	4200/0	L
1	DAGVA	322904.5S	1503152.2E	006/018	34.2	5600/0	L
3	LALIB	320205.1S	1504951.7E	017/---	31.0	3500/0	L
ATS ROUTE Z190 O/W							
1	ALDAR	293548.0S	1521040.9E	---/186			
1	ADMAR	301922.0S	1515442.7E	186/182	45.6	6000/0	L
1	OLTIN	323307.7S	1511527.0E	182/---	137.6	6700/0	L
ATS ROUTE Z202 O/W							
1	EKESU	330135.0S	1501911.0E	---/287			
1	AGVUB	325018.1S	1495535.6E	288/---	22.8	5100/0	L
ATS ROUTE Z214 O/W							
1	AGVUB	325018.1S	1495535.6E	---/084			
1	MONDO	325636.2S	1511411.1E	083/---	66.5	5600/0	L
ATS ROUTE Z233 O/W							
1	SORTI	314915.5S	1515245.0E	---/233			
1	INOKE	320200.4S	1511929.2E	234/232	31.0	6700/0	L
1	ELKAB	321529.6S	1504639.9E	232/---	30.9	6000/0	L
ATS ROUTE Z321 T/W							
3	TW VOR	310357.9S	1504948.9E	---/299			
1	BIARO	304641.5S	1502628.6E	299/299	26.5	3100/3100	L
3	NBR NDB	301914.7S	1494952.1E	300/---	41.8	4200/4200	L
ATS ROUTE Z400 T/W							
1	DAGVA	322904.5S	1503152.2E	---/031			
1	ELKAB	321529.6S	1504639.9E	031/---	18.5	3400/3400	L
ATS ROUTE Z418 T/W							
3	OK VOR	272358.8S	1514416.3E	---/257			
3	MUPIK	272709.2S	1500000.0E	258/258	92.8	0/0	L
3	COLLY	272922.2S	1473622.2E	260/260	127.8	0/0	L
3	NUBTA	272831.2S	1442713.0E	263/263	168.2	0/0	L
2	ELMOL	272431.0S	1414829.0E	265/236	141.3	0/0	L
3	TIGGA	274336.8S	1410447.1E	237/237	43.3	0/0	L
2	OOM NDB	280615.6S	1401156.9E	237/---	52.0	0/0	L
ATS ROUTE Z511 T/W							
3	NBR NDB	301914.7S	1494952.1E	---/139			
3	OLRON	305714.9S	1501453.7E	139/091	43.6	3100/3100	L
3	TW VOR	310357.9S	1504948.9E	091/---	30.7	3900/3900	L
ATS ROUTE Z832 O/W							
3	SEMAJ	284036.0S	1535342.0E	---/314			
3	GOMOL	281008.2S	1533014.7E	314/287	36.8	0/0	L
2	LIDPO	275208.0S	1525243.0E	287/287	37.8	0/0	L
1	RIRBO	274944.4S	1524746.0E	287/327	5.0	0/0	L
2	AKNON	273827.0S	1524243.0E	327/---	12.1	0/0	L

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