

## AD 2 AERODROMES

## RJOW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJOW - IWAMI

## RJOW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD   | 344035N / 1314725E<br>105°/1km FM RWY 11 THR   |
| 2 | Direction and distance from (city)   | 2.8NM W of MASUDA City   |
| 3 | Elevation/ Reference temperature   | 177ft / 30°C(2003-2007)  |
| 4 | Geoid undulation at AD ELEV<br>PSN   | 108ft  |
| 5 | MAG VAR/ Annual change   | 7°W(2008) / 1.3°W  |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | Shimane Pref. Public AP<br>Iwami airport administration office.<br>1597, Uchida-cho, Masuda-city, Shimane, 698-0051 JAPAN<br>Tel : 0856-24-0002 Fax : 0856-23-5491<br>AFS : Nil<br>E-mail : iwamikukokanri@pref.shimane.lg.jp<br>Web : http://www.pref.shimane.jp/ |
| 7 | Types of traffic permitted<br>(IFR/VFR)  | IFR/VFR  |
| 8 | Remarks  | Nil  |

## RJOW AD 2.3 OPERATIONAL HOURS

|    |                           |   |
|----|---------------------------|---|
| 1  | AD Administration         | 2300 - 1030   |
| 2  | Customs and immigration   | On request<br>Customs: 0855-27-0366<br>Immigration: 0852-21-3834                              |
| 3  | Health and sanitation     | Quarantine(human): On request(082-251-1836)<br>Quarantine(animal, plant): Nil                 |
| 4  | AIS Briefing Office       | Nil   |
| 5  | ATS Reporting Office(ARO) | Nil   |
| 6  | MET Briefing Office       | H24 (KANSAI)  |
| 7  | ATS                       | 2300 - 1030<br>Remarks : Airport remote mobile communication service provided by Osaka<br>FSC |
| 8  | Fuelling                  | 2300 - 1030   |
| 9  | Handling                  | 2300 - 1030   |
| 10 | Security                  | 2300 - 1030   |
| 11 | De-icing                  | 2300 - 1030   |
| 12 | Remarks                   | Nil   |

**RJOW AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |   |
|---|---|---|
| 1 | Cargo-handling facilities               | All the modern institutions that deal with the aircraft to B737-500 |
| 2 | Fuel/ oil types                         | Fuel grades : JET-A-1<br>Oil grades : Nil                           |
| 3 | Fuelling facilities/ capacity           | Fuel truck refueling / Not limitation                               |
| 4 | De-icing facilities                     | TYPE-4 ABC-S, TYPE-1 DF-PLUS  |
| 5 | Hangar space for visiting aircraft      | Nil   |
| 6 | Repair facilities for visiting aircraft | Nil   |
| 7 | Remarks                                 | Nil   |

**RJOW AD 2.5 PASSENGER FACILITIES**

|   |                      |                    |
|---|----------------------|--------------------|
| 1 | Hotels               | In Masuda city     |
| 2 | Restaurants          | At airport         |
| 3 | Transportation       | Busses and taxis   |
| 4 | Medical facilities   | In Masuda city 5km |
| 5 | Bank and Post Office | Nil                |
| 6 | Tourist Office       | Nil                |
| 7 | Remarks              | Nil                |

**RJOW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |  |
|---|---|--|
| 1 | AD category for fire fighting               | CAT 7  |
| 2 | Rescue equipment                            | Chemical fire fighting truck x 2,<br>Emergency medical equipments conveyance truck x 1 |
| 3 | Capability for removal of disabled aircraft | Ask AD administration  |
| 4 | Remarks                                     | Nil  |

**RJOW AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |   |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | Snow plow x 2, Snow sweeper x 1, Rotary x 1 |
| 2 | Clearance priorities        | (1) RWY 11/29 (2)TWY, Apron                 |
| 3 | Remarks                     | Nil   |

**RJOW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |                                     |  |
|---|-------------------------------------|--|
| 1 | Apron surface and strength          | Surface : cement-concrete, Strength : PCN 53/R/C/X/T   |
| 2 | Taxiway width, surface and strength | Width:30m, Surface : asphalt-concrete, Strength:PCN 58/F/C/X/T                                 |
| 3 | ACL and elevation                   | Not available  |
| 4 | VOR checkpoints                     | Not available  |
| 5 | INS checkpoints                     | Spot NR<br>1: 344041.11N 1314746.35E<br>2: 344040.68N 1314748.34E<br>3: 344040.18N 1314750.62E |
| 6 | Remarks                             | Nil  |

**RJOW AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |  |  |
|---|--|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands | Nil  |
| 2 | RWY and TWY markings and LGT   | RWY:11/29<br>(Marking)<br>RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL, RWY turn pad aiming (LGT)RCLL, REDL, RTHL, RENL, RTZL(RWY11), WBAR(RWY11), Turning point indicator LGT<br><br>TWY:<br>(Marking)TWY CL, TWY side stripe, RWY HLDG PSN (LGT)TWY edge LGT, TWY CL |
| 3 | Stop bars  | Nil  |
| 4 | Remarks  | (Marking) Overrun area<br>(LGT) APN flood LGT  |

180° turn on RWY

RWY Turn pads are installed as shown in below figure, and procedures for 180° turn on RWY is established for RWY 11 and 29 as follows:

- Proceed along the RWY Center Line to the starting point of the RWY Turn Pad Center Line Marking; then,
- proceed along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Lights 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Lights 2 on a straight line at an angle of 9 o'clock. When turning, take MAX STEERING ANGLE.



## RJOW AD 2.10 AERODROME OBSTACLES

See AD2.24 chart

In approach/TKOF areas

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings / LGT | Remarks |
|-------------------|---------------|-------------|-----------|----------------|---------|
| Nil               |               |             |           |                |         |

In circling area and at AD

| Obstacle type | Coordinates          | Elevation | Markings / LGT | Remarks                               |
|---------------|----------------------|-----------|----------------|---------------------------------------|
| Panzer mast   | 343955.5N/1314634.1E | 314ft     | - / LIM (Red)  | Obstacle near the horizontal surface  |
| Panzer mast   | 343921.5N/1314637.1E | 361ft     | - / LIM (Red)  | Obstacle above the horizontal surface |
| Panzer mast   | 343923.5N/1314739.1E | 319ft     | - / LIM (Red)  | Obstacle near the horizontal surface  |
| Panzer mast   | 343929.5N/1314850.1E | 319ft     | - / LIL (Red)  | Obstacle near the horizontal surface  |

## RJOW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |  |   |
|----|--|---|
| 1  | Associated MET Office  | KANSAI  |
| 2  | Hours of service<br>MET Office outside hours                           | H24 (KANSAI)  |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil   |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil   |
| 5  | Briefing/ consultation provided  | Briefing is available upon inquiry at KANSAI  |
| 6  | Flight documentation<br>Language(s) used                               | C<br>En   |
| 7  | Charts and other information available<br>for briefing or consultation | S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW(domestic)</sub> , E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment<br>available for providing information         | Nil   |
| 9  | ATS units provided with information                                    | REMOTE  |
| 10 | Additional information(limitation of<br>service, etc.)                 | Nil   |

## RJOW AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE<br>BRG | Dimensions of<br>RWY(M) | Strength(PCN) and<br>surface of RWY | THR coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY |
|------------------------|-------------|-------------------------|-------------------------------------|---|---|
| 1                      | 2           | 3                       | 4                                   | 5                                       | 6   |
| 11                     | 104.78°     | 2000×45                 | PCN 42/F/A/X/T<br>Asphalt Concret   | 344043.28N<br>1314647.11E<br>108.2ft    | THR ELEV : 183.7ft<br>TDZ ELEV : 182.8ft                              |
| 29                     | 284.78°     | 2000×45                 | PCN 42/F/A/X/T<br>Asphalt Concrete  | 344026.72N<br>1314803.07E<br>108.3ft    | THR ELEV : 170.6ft  |

| Slope of RWY        | Strip<br>Dimensions(M) | RESA (Overrun)<br>Dimensions(M)        | Remarks                  |
|---------------------|------------------------|--|--------------------------|
| 7                   | 10                     | 11                                     | 14                       |
| SEE AD2.24 AD chart | 2120×300               | 190 × (MNM:160 MAX:300)*               | RWY Grooving : 2000m×30m |
|                     | 2120×300               | 40 × (MNM:272 MAX:300)*                |                          |
|                     |                        | *For detail, ask airport administrator |                          |

## RJOW AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1              | 2           | 3           | 4           | 5          | 6       |
| 11             | 2000        | 2000        | 2000        | 2000       | Nil     |
| 29             | 2000        | 2000        | 2000        | 2000       | Nil     |

## RJOW AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY<br>Designator   | APCH<br>LGT<br>type<br>LEN<br>INTST | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM<br>THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST          | REDL<br>LEN<br>Spacing<br>Color<br>INTST             | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|---|-------------------------------------|-----------------------|--|-------------|---|--|-----------------------|----------------------|
| 1   | 2                                   | 3                     | 4  | 5           | 6   | 7  | 8                     | 9                    |
| 11  | PALS<br>(CAT I)<br>900m<br>LIH      | Green<br>Green        | PAPI<br>3.0°/Left<br>402.2m<br>61ft                | 900m        | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*2)          |
| 29  | SALS<br>(*1)<br>420m<br>LIH         | Green<br>-            | PAPI<br>3.0°/Left<br>362.0m<br>61ft                | -           | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*2)          |
| Remarks   |                                     |                       |  |             |   |  |                       |                      |
| 10  |                                     |                       |  |             |   |  |                       |                      |
| SALS with APCH LGT beacon (585m and 852m FM RWY 29 THR ) (*1)<br>Overrun area edge LGT(LEN:60m Color:Red)(*2)<br>CGL for RWY 29 |                                     |                       |  |             |   |  |                       |                      |

**RJOW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 344049N/1314751E, White/Green EV4.3sec, HO   |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI : Nil<br>Anemometer :<br>RWY 11 : 330m FM RWY 11 THR, LGTD<br>RWY 29 : 260m FM RWY 29 THR, LGTD                       |
| 3 | TWY edge and center line lighting                        | TWY edge LGT: Blue<br>TWY CL LGT: ALTN Green/Yelow FM RWY leaving Report point, other Green                               |
| 4 | Secondary power supply / switch-over time                | Within 1sec : REDL, RTHL, RENL, WBAR, RCLL, Overrun area edge LGT, Turnig point indicator LGT<br>Within 15sec : Other LGT |
| 5 | Remarks  | WDI LGT   |

**RJOW AD 2.16 HELICOPTER LANDING AREA**

|     |
|-----|
| Nil |
|-----|

**RJOW AD 2.17 ATS AIRSPACE**

| Designation and lateral limits |  | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|--|----------------------|-------------------------|-----------------------------|---------|
| 1                              |  | 2                    | 3                       | 4                           | 6       |
| Iwami Information Zone         | Area within a radius of 5nm(9km)of Iwami ARP | 3,000                | E                       | Iwami Remote En             |         |

**RJOW AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign    | Frequency | Hours of operation | Remarks  |
|---------------------|--------------|-----------|--------------------|--|
| 1                   | 2            | 3         | 4                  | 5  |
| A/G                 | Iwami Remote | 122.2MHz  | 2300 - 1030        | Remoto air-ground facilities controlled by Osaka FSC |

## RJOW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

表 1 :

| Type of aid<br>(VOR declination) | ID  | Frequency            | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks   |
|----------------------------------|-----|----------------------|--------------------|--|---------------------------------------|---|
| 1                                | 2   | 3                    | 4                  | 5  | 6                                     | 7   |
| VOR<br>(7°W/<br>2008)            | IME | 115.05MHz            | 2300-<br>1030      | 344034.48N<br>1314647.57E                    |                                       |   |
| DME                              | IME | 1058 MHz<br>(CH-97Y) | 2300-<br>1030      | 344034.48N<br>1314647.57E                    | 228ft                                 |   |
| ILS-LOC<br>11                    | IWA | 108.1MHz             | 2300-<br>1030      | 344024.80N<br>1314812.02E                    |                                       | LOC : 235m away FM RWY 29 THR,<br>BRG (MAG) 112°<br>LOC unusable :<br>beyond 20° south(150Hz) side of LOC<br>course.  |
| ILS-GP 11                        | -   | 334.7MHz             | 2300-<br>1030      | 344044.37N<br>1314700.71E                    |                                       | GP : 327m inside FM RWY 11 THR,<br>120m N of RCL.<br>HGT of ILS Ref datum 16.5m (54ft)<br>GP angle 3.0.<br>GP unusable :<br>beyond 5° north(90Hz) side of LOC course. |
| ILS-DME<br>11                    | IWA | 979 MHz<br>(CH-18X)  | 2300-<br>1030      | 344044.68N<br>1314700.85E                    | 194ft                                 | DME : 327m inside FM RWY 11THR,<br>130m N of RCL.   |
| MSAS                             |     | 1575.42MHz           | H24                |  |                                       | Transmitting antennas are satellite based.  |



ILS

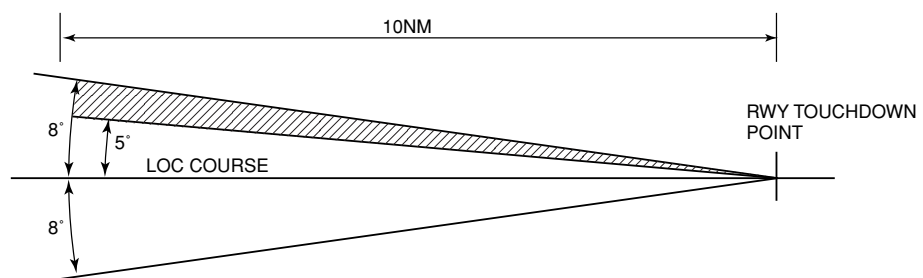
IWAMI AP



REMARKS : 1. LOC beam BRG(MAG) 112°  
 2. GP angle 3.0°  
 3. HGT of ILS REF datum 16.5m(54ft)  
 4. ELEV of ILS-DME 59.1m(194ft)



LOC unusable : Beyond 20° south (150Hz) side of LOC course.



GP unusable : Beyond 5° north (90Hz) side of LOC course.

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**RJOW AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

|   |
|---|
| On use of Iwami airport, aircraft operator is required to notify Shimane Pref in advance. |
|---|

## 2. Taxiing to and from stands

|     |
|-----|
| Nil |
|-----|

## 3. Parking area for small aircraft(General aviation)

|     |
|-----|
| Nil |
|-----|

## 4. Parking area for helicopters

|     |
|-----|
| Nil |
|-----|

## 5. Apron - taxiing during winter conditions

|     |
|-----|
| Nil |
|-----|

## 6. Taxiing - limitations

|     |
|-----|
| Nil |
|-----|

## 7. School and training flights - technical test flights - use of runways

|     |
|-----|
| Nil |
|-----|

## 8. Helicopter traffic - limitation

|     |
|-----|
| Nil |
|-----|

## 9. Removal of disabled aircraft from runways

|     |
|-----|
| Nil |
|-----|

**RJOW AD 2.21 NOISE ABATEMENT PROCEDURES**

|                       |
|-----------------------|
| Ask AD administration |
|-----------------------|

**RJOW AD 2.22 FLIGHT PROCEDURES****TAKE OFF MINIMA**

|  | RWY | REDL & RCLL     |      | REDL or RCLL or<br>RCL Marking |      | NIL<br>(DAY ONLY) |      |
|--|-----|-----------------|------|--------------------------------|------|-------------------|------|
|  |     | RVR             | VIS  | RVR                            | VIS  | RVR               | VIS  |
| Multi-Engine<br>ACFT with<br>TKOF ALTN<br>AP Filed | 11  | 400m            | 400m | 400m                           | 400m | -                 | 500m |
|  | 29  | -               | 400m | -                              | 400m | -                 | 500m |
| OTHER  | 11  | AVBL LDG MINIMA |      |                                |      |                   |      |
|  | 29  |                 |      |                                |      |                   |      |

**RJOW AD 2.23 ADDITIONAL INFORMATION**

Ask AD administration

**RJOW AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (SAMBA)  
Standard Departure Chart - Instrument (RNAV TRANSITION)  
Instrument Approach Chart (ILS or LOC RWY11)  
Instrument Approach Chart (VOR RWY11)  
Instrument Approach Chart (VOR A)  
Instrument Approach Chart (RNAV(RNP)RWY11)  
Instrument Approach Chart (RNAV(RNP)RWY29)  
Other Chart (Visual REP)  
Other Chart(LDG CHART)  
Other Chart(MVA CHART)

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## STANDARD DEPARTURE CHART-INSTRUMENT

RJOW / IWAMI

SID and TRANSITION

SAMBA TWO DEPARTURE

RWY11 : Climb RWY HDG to 800FT, turn left HDG351°,...

RWY29 : Climb RWY HDG to 700FT, turn right HDG081°,...

...to intercept and proceed via IME R036 to SAMBA.

Cross SAMBA at or above 7000FT.

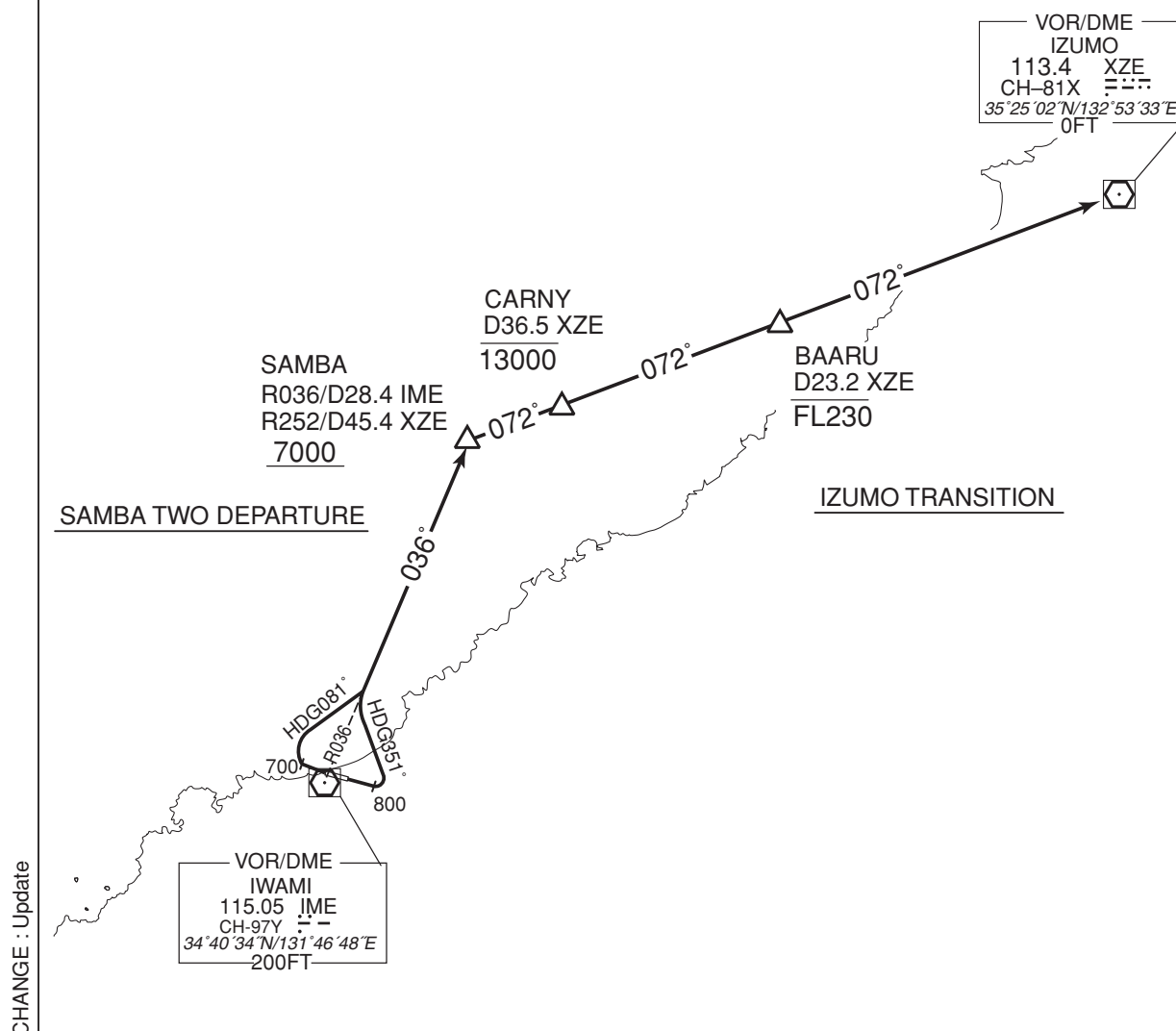
Note RWY11 : 5.7% climb gradient required up to 1700FT.

OBST ALT 1177FT located at 4.83NM 093° FM end of RWY11.

IZUMO TRANSITION

From over SAMBA, via XZE R252 to XZE VOR/DME.

Cross CARNY at or below 13000FT, cross BAARU at or below FL230.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJOW / IWAMI

➔ RNAV TRANSITION

## VIBEL TRANSITION

## RNAV1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 8°W (2017)

**VIBEL TRANSITION**

From SAMBA at or above 7000FT, to OSPEL at or below 13000FT, to VIBEL at or below FL230.

|                       |  |
|-----------------------|--|
| Critical DME          | STD : SAMBA – VIBEL                                |
| DME GAP               | –  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |

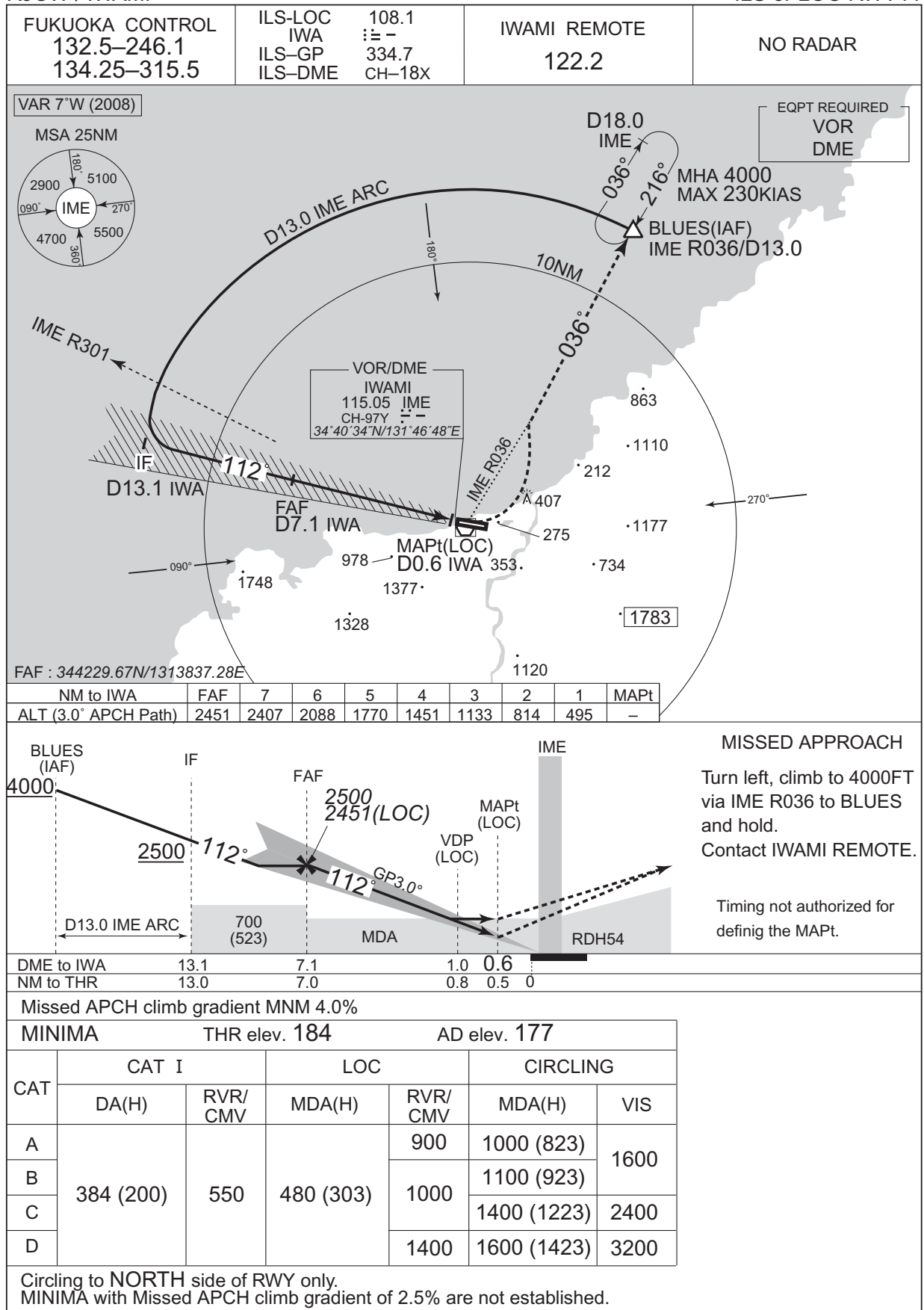
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SAMBA               | –        | –              | -7.8               | –             | –              | +7000         | –            | –              | RNAV1                    |
| 002           | TF              | OSPEL               | –        | 077<br>(069.7) | -7.8               | 10.5          | –              | -13000        | –            | –              | RNAV1                    |
| 003           | TF              | VIBEL               | –        | 078<br>(069.8) | -7.8               | 10.2          | –              | -FL230        | –            | –              | RNAV1                    |

CHANGE : New PROC

## INSTRUMENT APPROACH CHART

RJOW / IWAMI

ILS or LOC RWY11



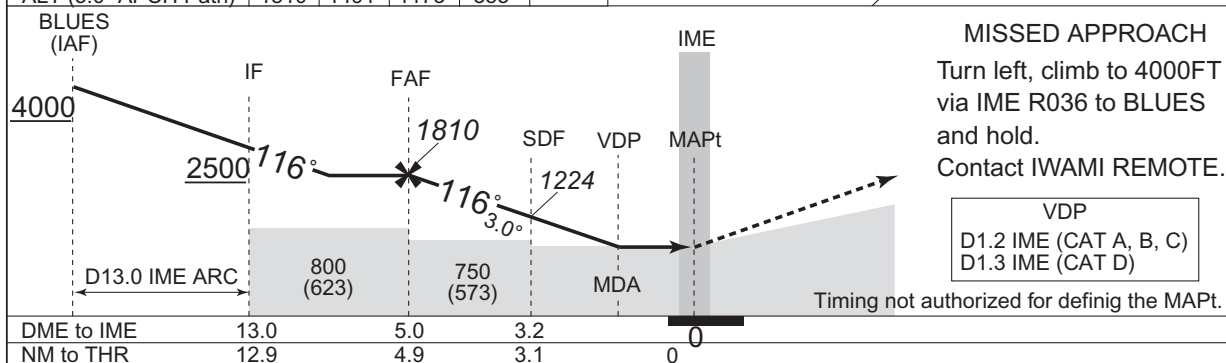
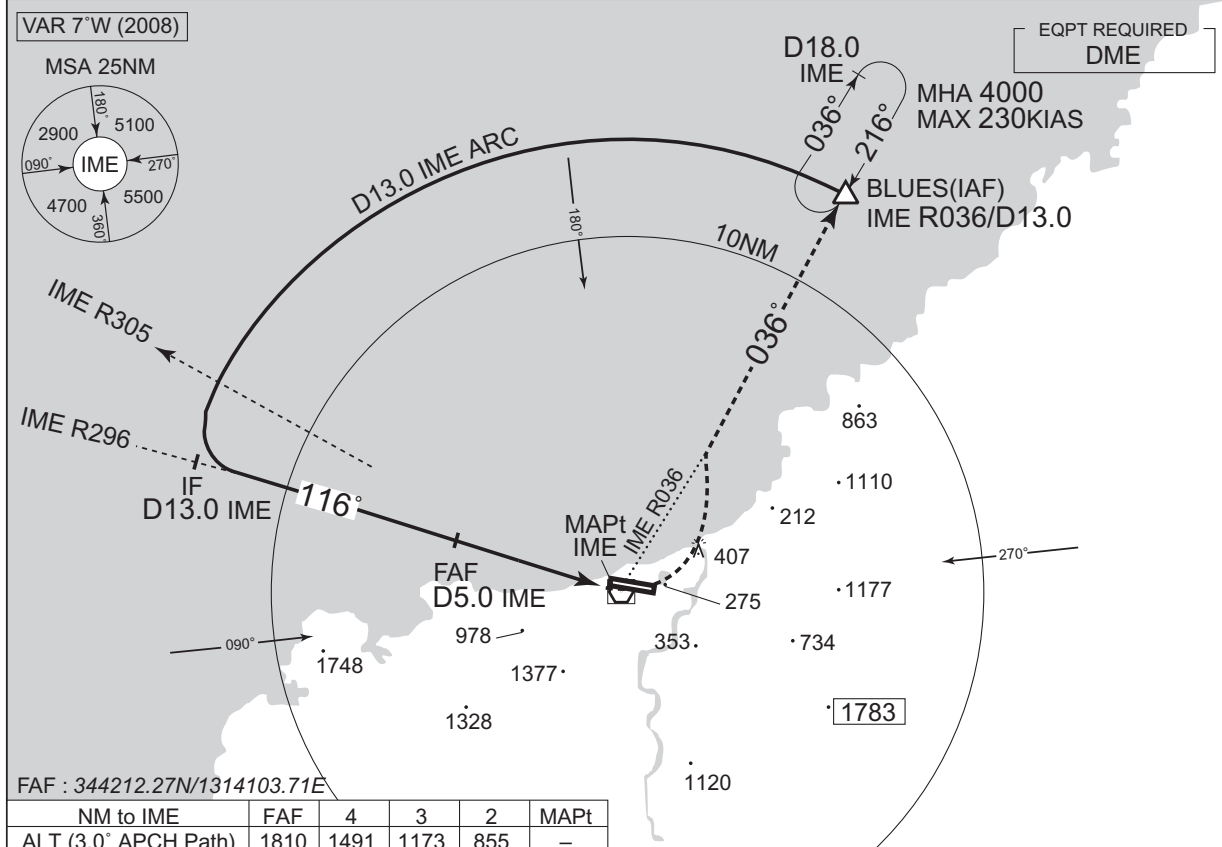


## INSTRUMENT APPROACH CHART

RJOW / IWAMI

VOR RWY11

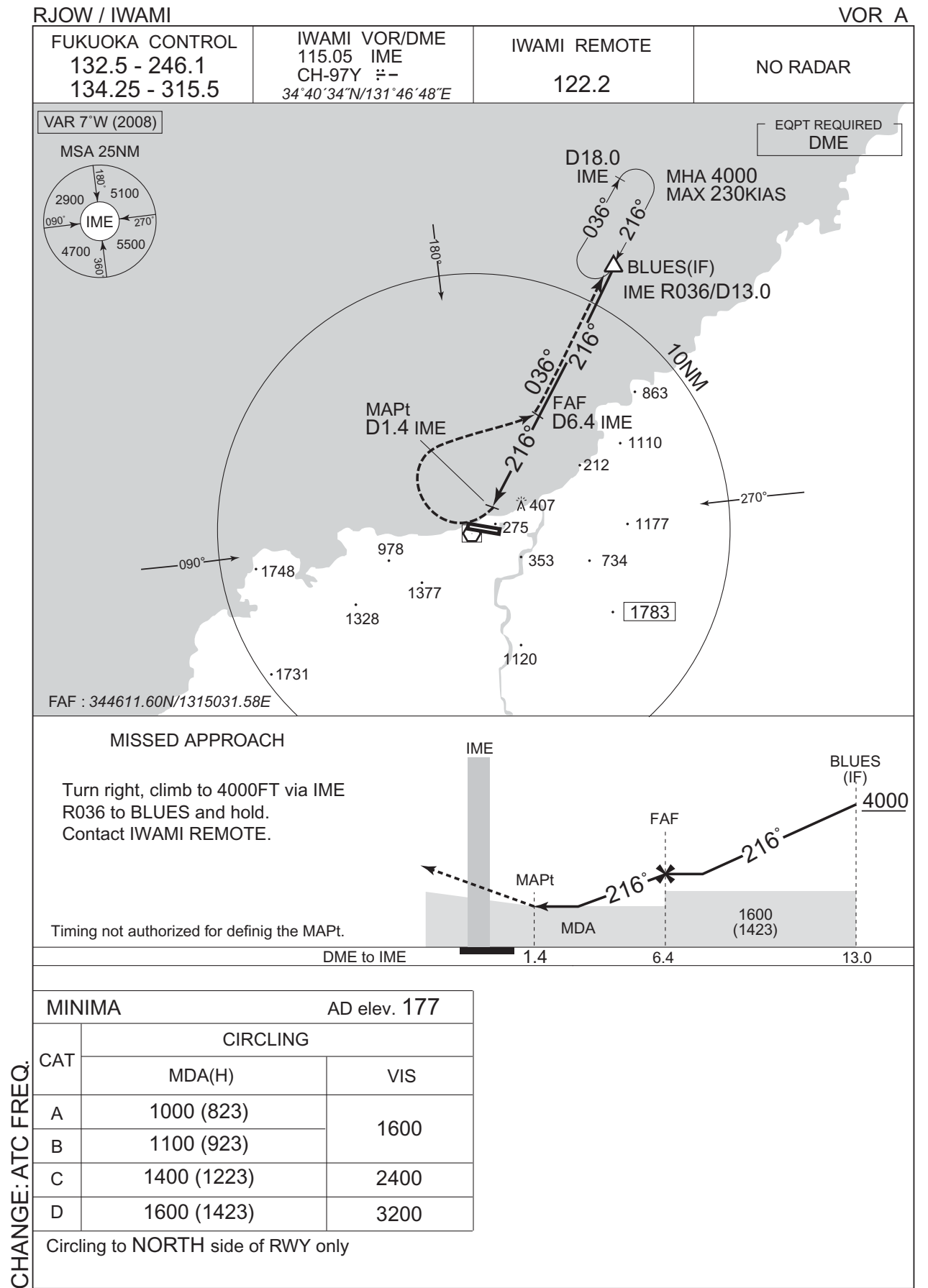
|  |   |                       |          |
|--|---|-----------------------|----------|
| FUKUOKA CONTROL<br>132.5–246.1<br>134.25–315.5 | IWAMI VOR/DME<br>115.05 IME<br>CH-97Y $\ddot{\text{---}}$<br>34°40'34"N/131°46'48"E | IWAMI REMOTE<br>122.2 | NO RADAR |
|--|---|-----------------------|----------|



| MINIMA |           | THR elev. 184 | AD elev. 177 |      |
|--------|-----------|---------------|--------------|------|
| CAT    | CIRCLING  |               |              |      |
|        | MDA(H)    | RVR/CMV       | MDA(H)       | VIS  |
| A      | 590 (413) | 900           | 1000 (823)   | 1600 |
| B      |           | 1000          | 1100 (923)   |      |
| C      |           |               | 1400 (1223)  | 2400 |
| D      | 610 (433) | 1400          | 1600 (1423)  | 3200 |

Circling to NORTH side of RWY only

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJOW / IWAMI

RNAV(RNP) RWY11

FUKUOKA CONTROL  
132.5 - 246.1  
134.25 - 315.5

GNSS and RF required.

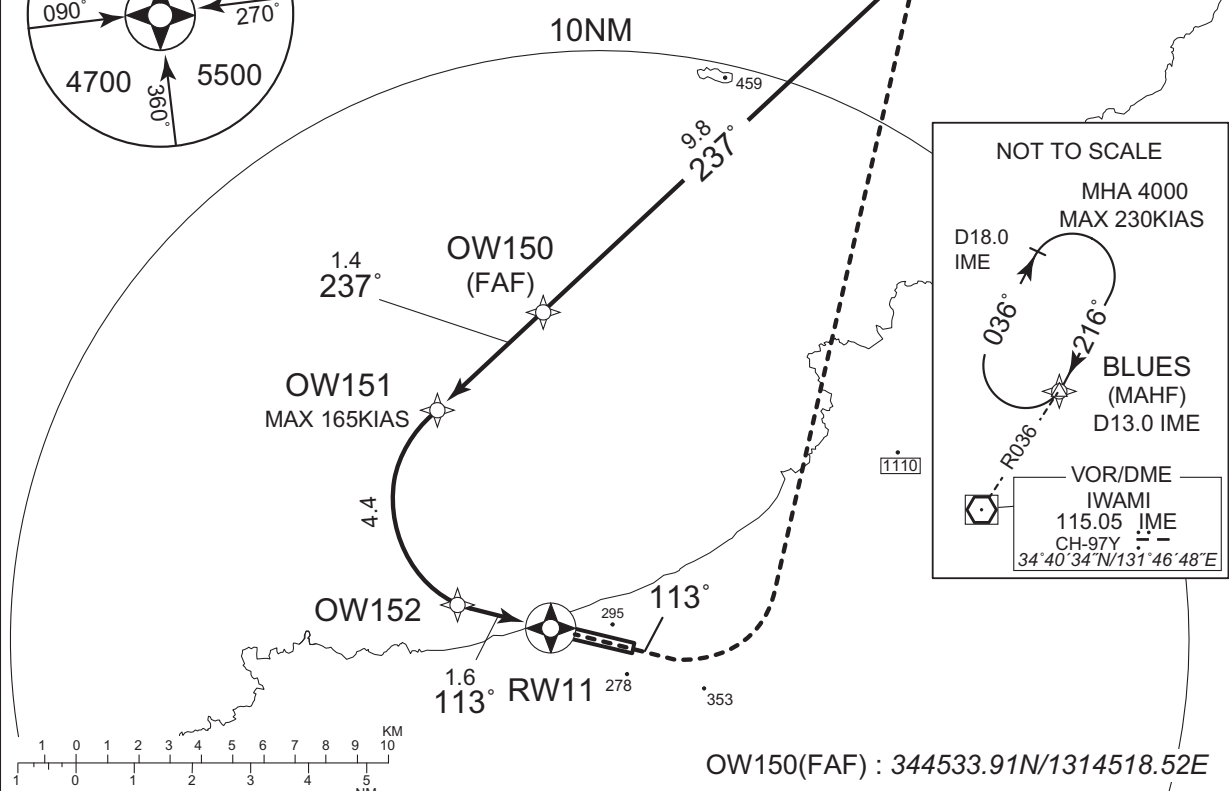
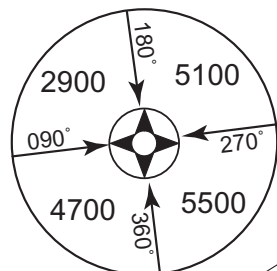
IWAMI REMOTE  
122.2

NO RADAR

For uncompensated Baro-VNAV systems, procedure not authorized below -5 °C / above 45°C

VAR 8°W (2017)

MSA RW11 25NM

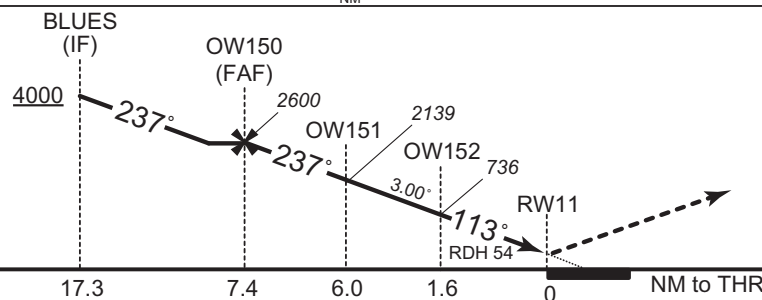


OW150(FAF) : 344533.91N/1314518.52E

## MISSED APPROACH

From RW11 on track 113°,  
at or above 600FT turn left,  
direct to BLUES and hold at  
4000FT.

Contact IWAMI REMOTE.



CHANGE: ATC FREQ.

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 184 AD elev. 177

| CAT | RNP 0.30 |         |
|-----|----------|---------|
|     | DA(H)    | RVR/CMV |
| A   | -        | -       |
| B   | -        | -       |
| C   | 484(300) | 1000    |
| D   | -        | -       |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

# RNP AR

Special Authorization Required

## INSTRUMENT APPROACH CHART

RJOW / IWAMI

➔ RNAV(RNP) RWY11

RNAV(RNP) RWY11Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/RDH (°/FT) | RNP Value |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|-----------|
| 001           | IF                                 | BLUES               | —        | —              | -7.8               | —             | —              | +4000         | —            | —              | 1.0       |
| 002           | TF                                 | OW150               | —        | 237<br>(229.3) | -7.8               | 9.8           | —              | 2600          | —            | —              | 1.0       |
| 003           | TF                                 | OW151               | —        | 237<br>(229.2) | -7.8               | 1.4           | —              | 2139          | -165         | -3.00          | 0.3       |
| 004           | RF<br>Center:<br>OWRF1<br>r=2.03NM | OW152               | —        | —              | -7.8               | 4.4           | L              | 736           | —            | -3.00          | 0.3       |
| 005           | TF                                 | RW11                | Y        | 113<br>(104.8) | -7.8               | 1.6           | —              | 238           | —            | -3.00/54       | 0.3       |
| 006           | FA                                 | —                   | —        | 113<br>(104.8) | -7.8               | —             | —              | +600          | —            | —              | 1.0       |
| 007           | DF                                 | BLUES               | —        | —              | -7.8               | —             | L              | 4000          | —            | —              | 1.0       |

Waypoint Coordinates

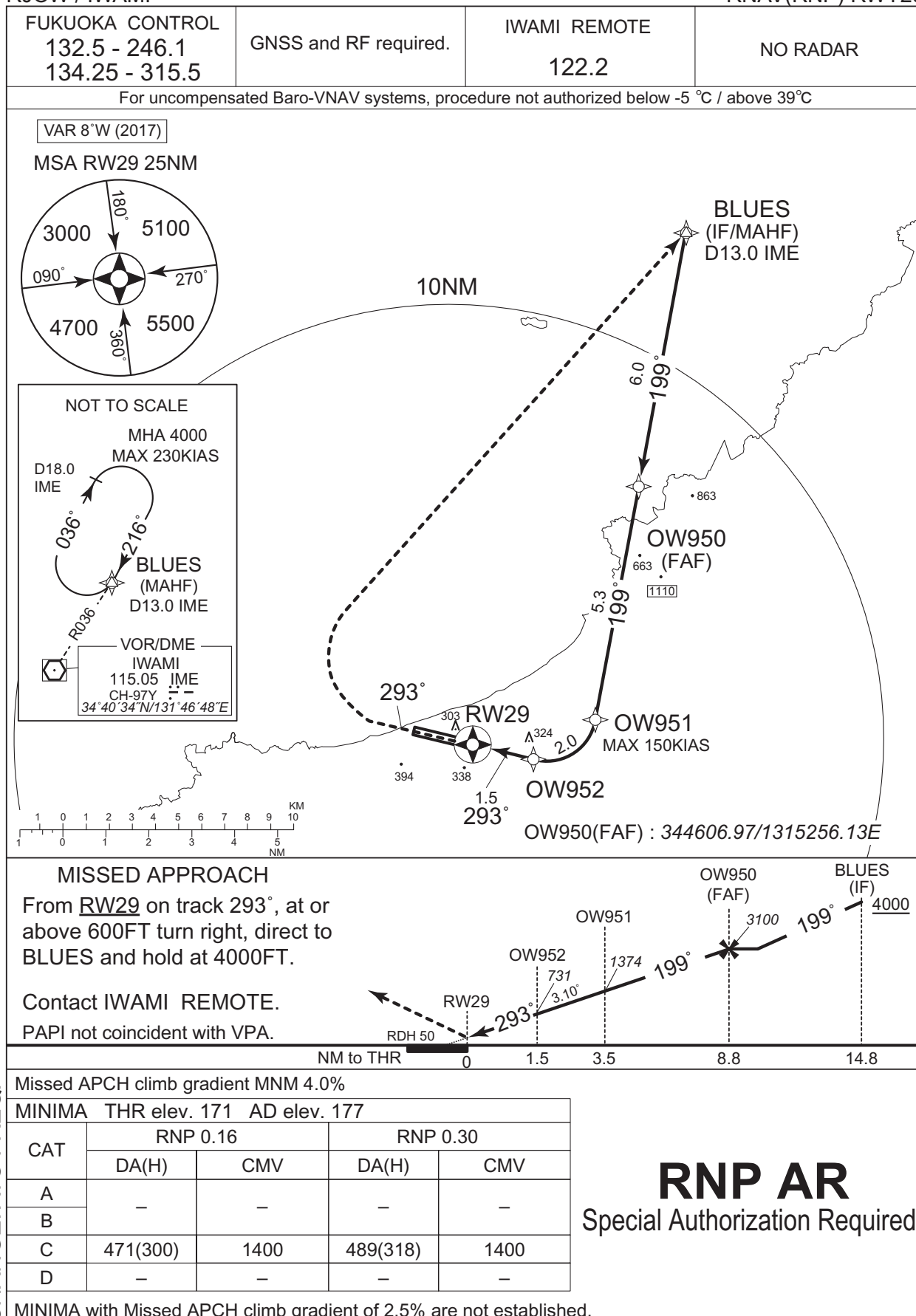
| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| BLUES               | 345159.02N/1315423.09E | OWRF1                    | 344304.90N/1314534.53E |
| OW150               | 344533.91N/1314518.52E |                          |                        |
| OW151               | 344437.18N/1314358.51E |                          |                        |
| OW152               | 344107.26N/1314456.99E |                          |                        |
| RW11                | 344043.28N/1314647.11E |                          |                        |

CHANGE : New PROC

## INSTRUMENT APPROACH CHART

RJOW / IWAMI

RNAV(RNP) RWY29



# RNP AR

Special Authorization Required

## INSTRUMENT APPROACH CHART

RJOW / IWAMI

➡ RNAV(RNP) RWY29

RNAV(RNP) RWY29Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/RDH (°/FT) | RNP Value   |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|-------------|
| 001           | IF                                 | BLUES               | —        | —              | -7.8               | —             | —              | +4000         | —            | —              | 1.0         |
| 002           | TF                                 | OW950               | —        | 199<br>(191.5) | -7.8               | 6.0           | —              | 3100          | —            | —              | 1.0         |
| 003           | TF                                 | OW951               | —        | 199<br>(191.5) | -7.8               | 5.3           | —              | 1374          | -150         | -3.10          | 0.16<br>0.3 |
| 004           | RF<br>Center:<br>OWRF2<br>r=1.20NM | OW952               | —        | —              | -7.8               | 2.0           | R              | 731           | —            | -3.10          | 0.16<br>0.3 |
| 005           | TF                                 | RW29                | Y        | 293<br>(284.9) | -7.8               | 1.5           | —              | 221           | —            | -3.10/50       | 0.16<br>0.3 |
| 006           | FA                                 | —                   | —        | 293<br>(284.9) | -7.8               | —             | —              | +600          | —            | —              | 1.0         |
| 007           | DF                                 | BLUES               | —        | —              | -7.8               | —             | R              | 4000          | —            | —              | 1.0         |

Waypoint Coordinates

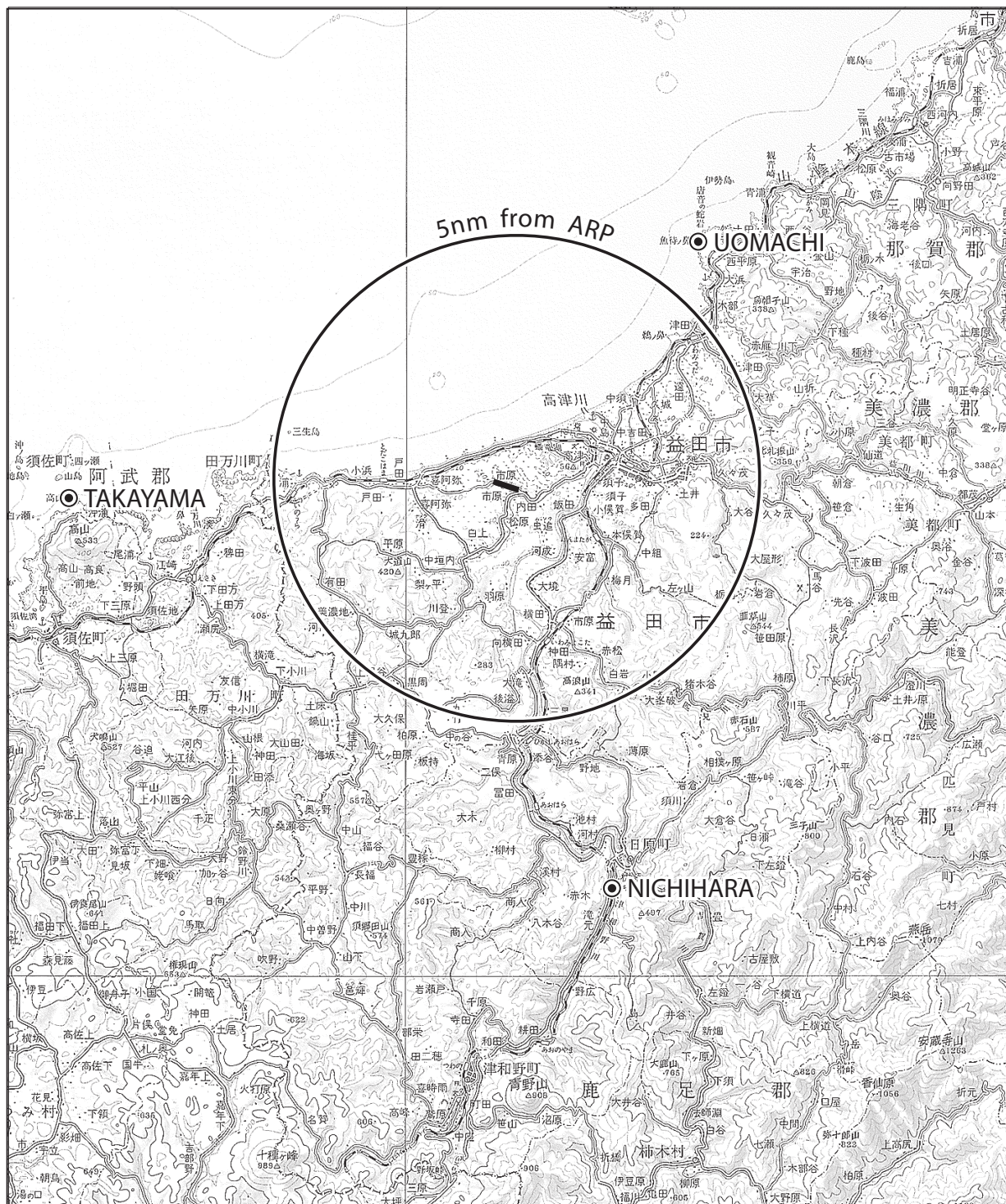
| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| BLUES               | 345159.02N/1315423.09E | OWRF2                    | 344112.62N/1315014.52E |
| OW950               | 344606.97N/1315256.13E |                          |                        |
| OW951               | 344058.27N/1315140.08E |                          |                        |
| OW952               | 344002.90N/1314952.21E |                          |                        |
| RW29                | 344026.72N/1314803.07E |                          |                        |

CHANGE : New PROC

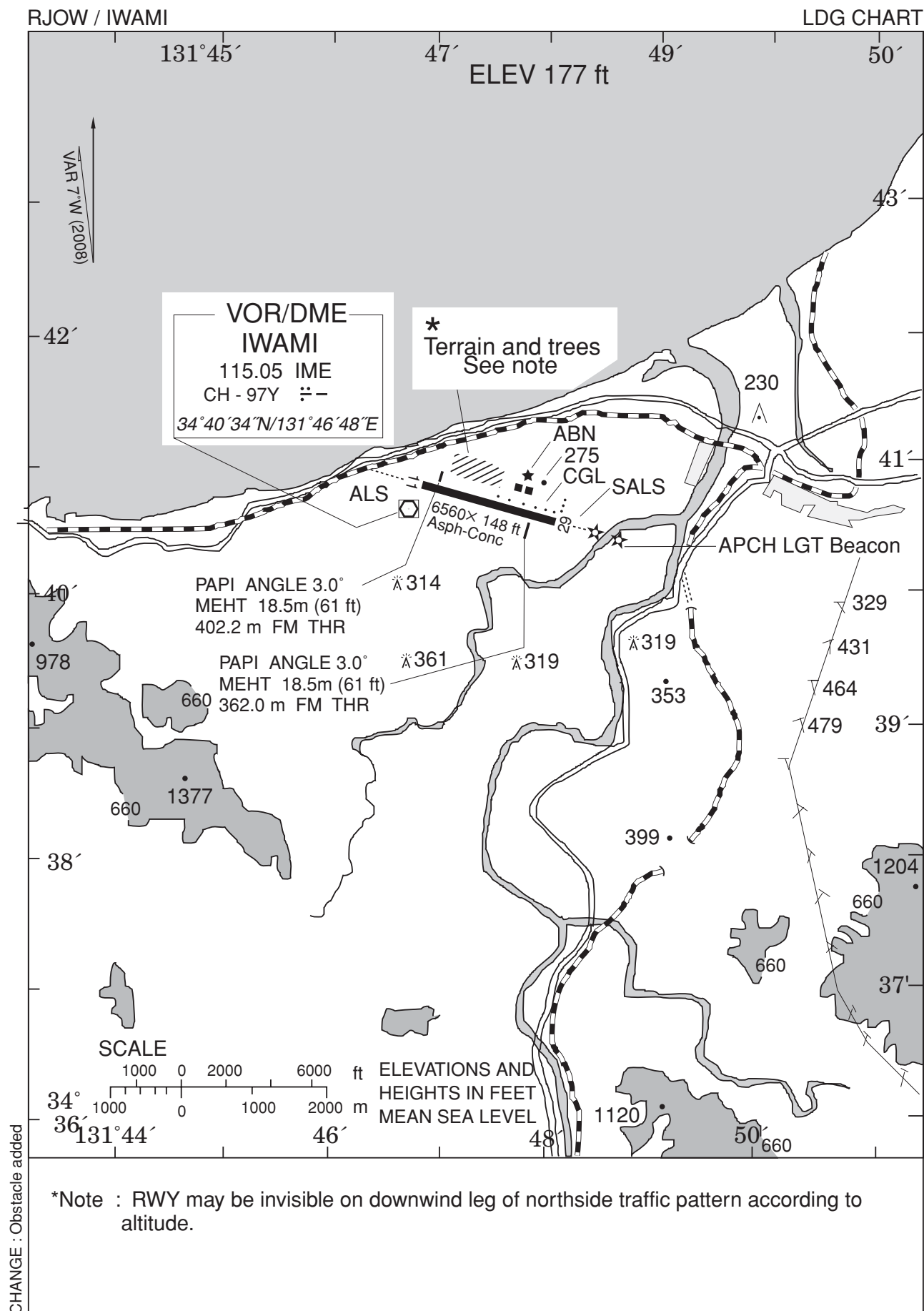


RJOW / IWAMI

Visual REP



| Call sign        | BRG / DIST from ARP | Remarks             |
|------------------|---------------------|---------------------|
| 魚 待<br>Uomachi   | 038°/6.0NM          | 岬<br>Cape           |
| 高 山<br>Takayama  | 266°/8.9NM          | 岬<br>Cape           |
| 日 原<br>Nichihara | 164°/8.0NM          | JR日原駅<br>JR station |





RJOW / IWAMI

Minimum Vectoring Altitude CHART



CENTER : 344035N/1314725E (ARP)