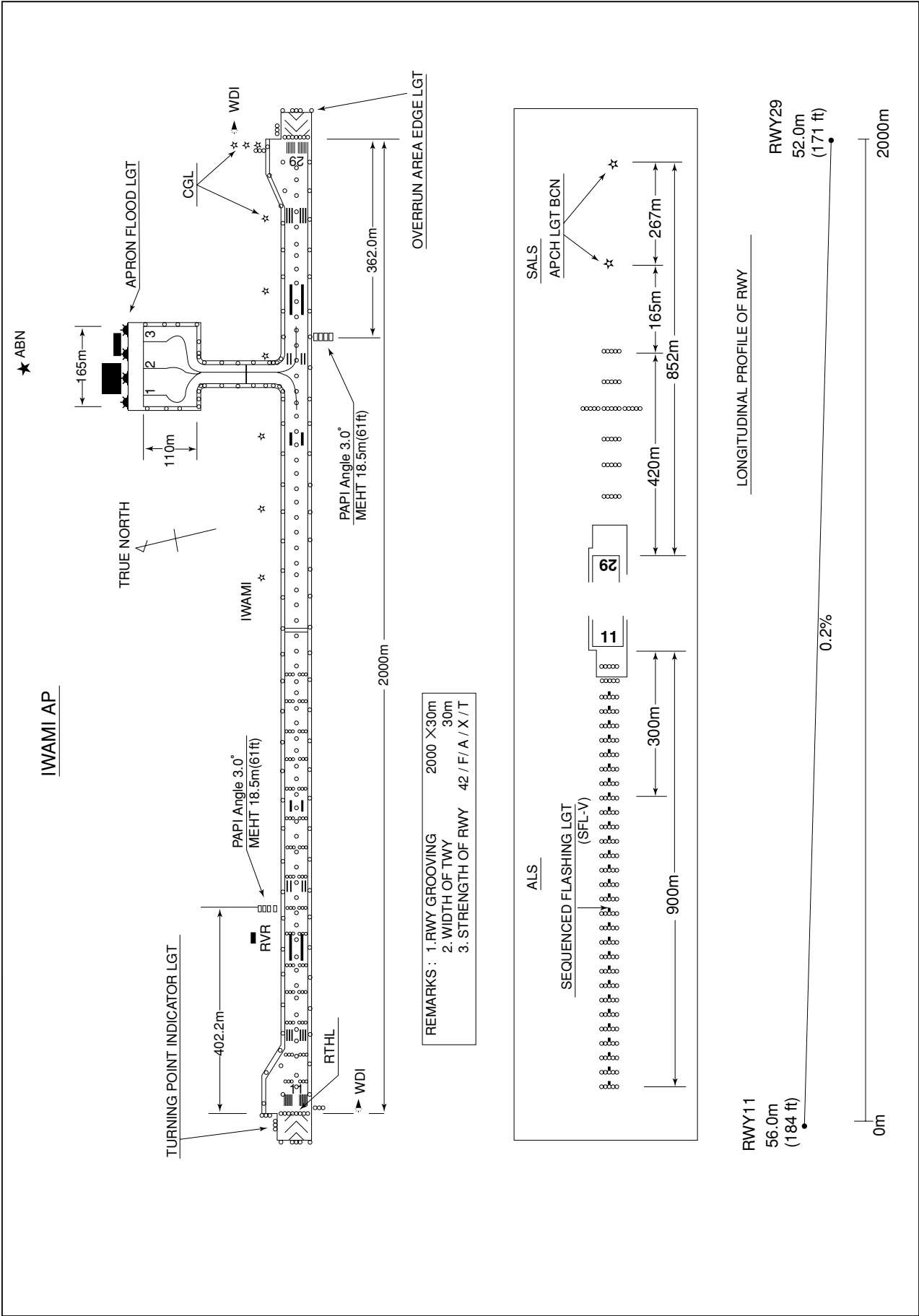


RJOW / IWAMI

AD CHART



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. |

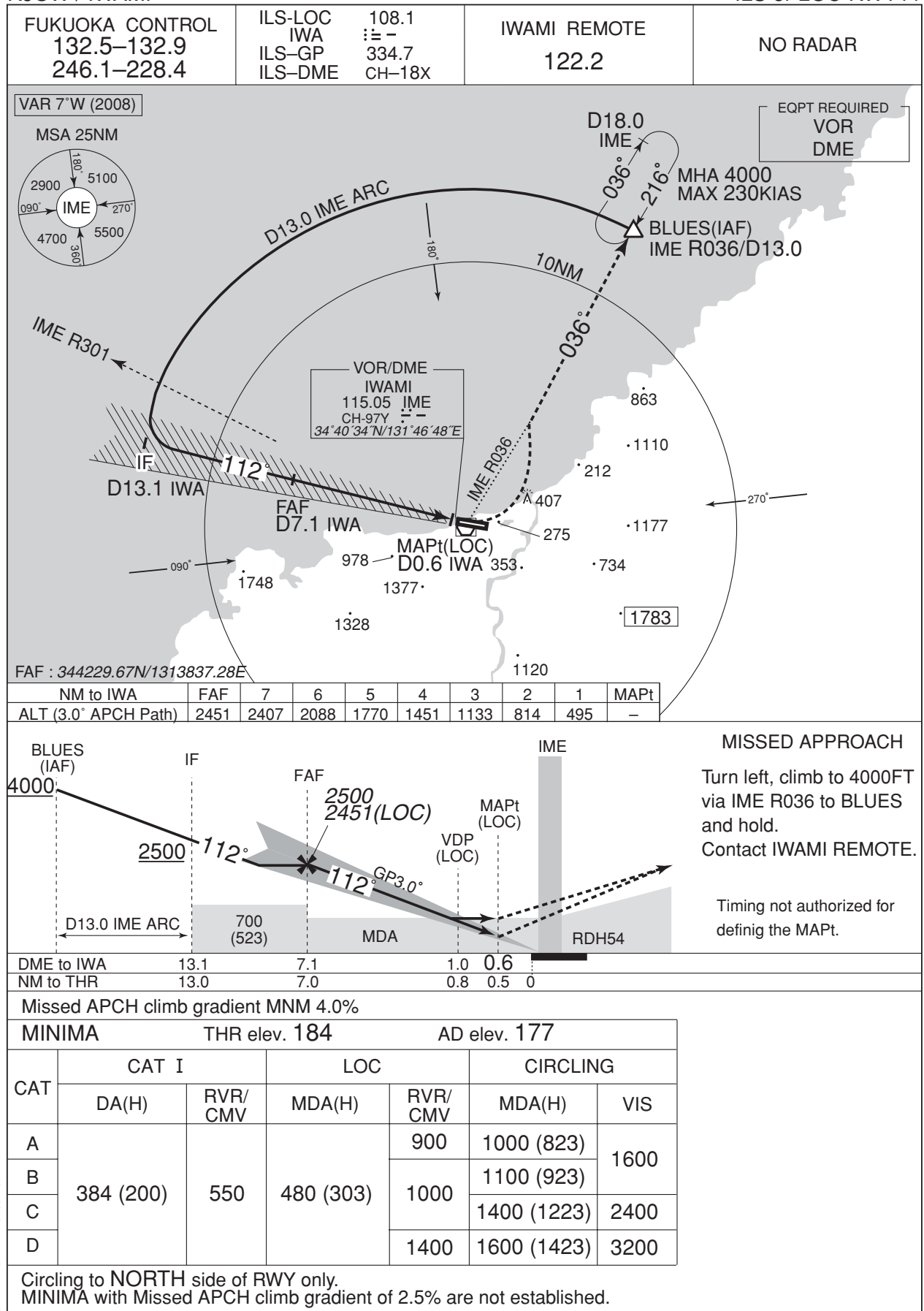
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|-----------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

CHANGE : New PROC

INSTRUMENT APPROACH CHART

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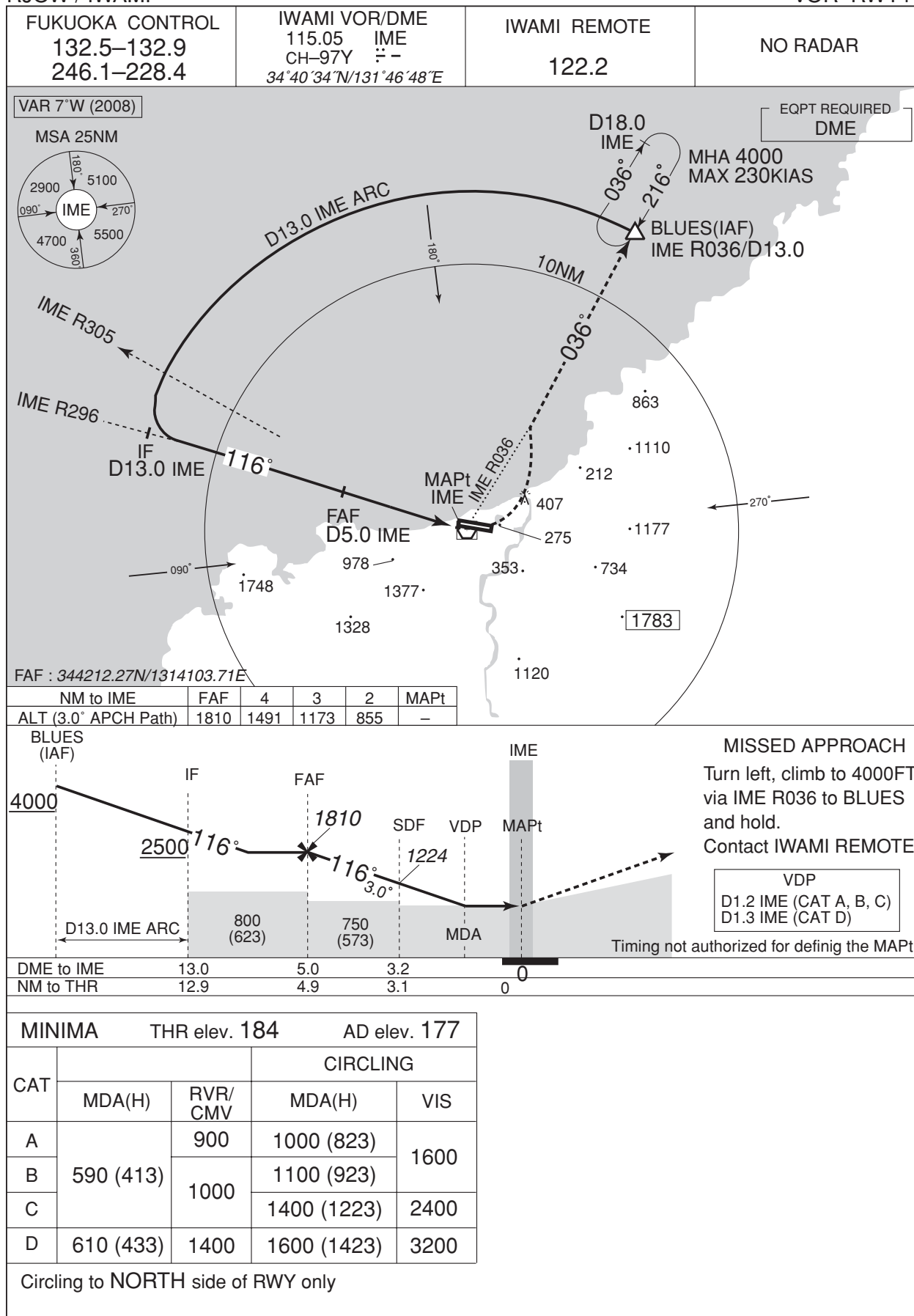
ILS or LOC RWY11



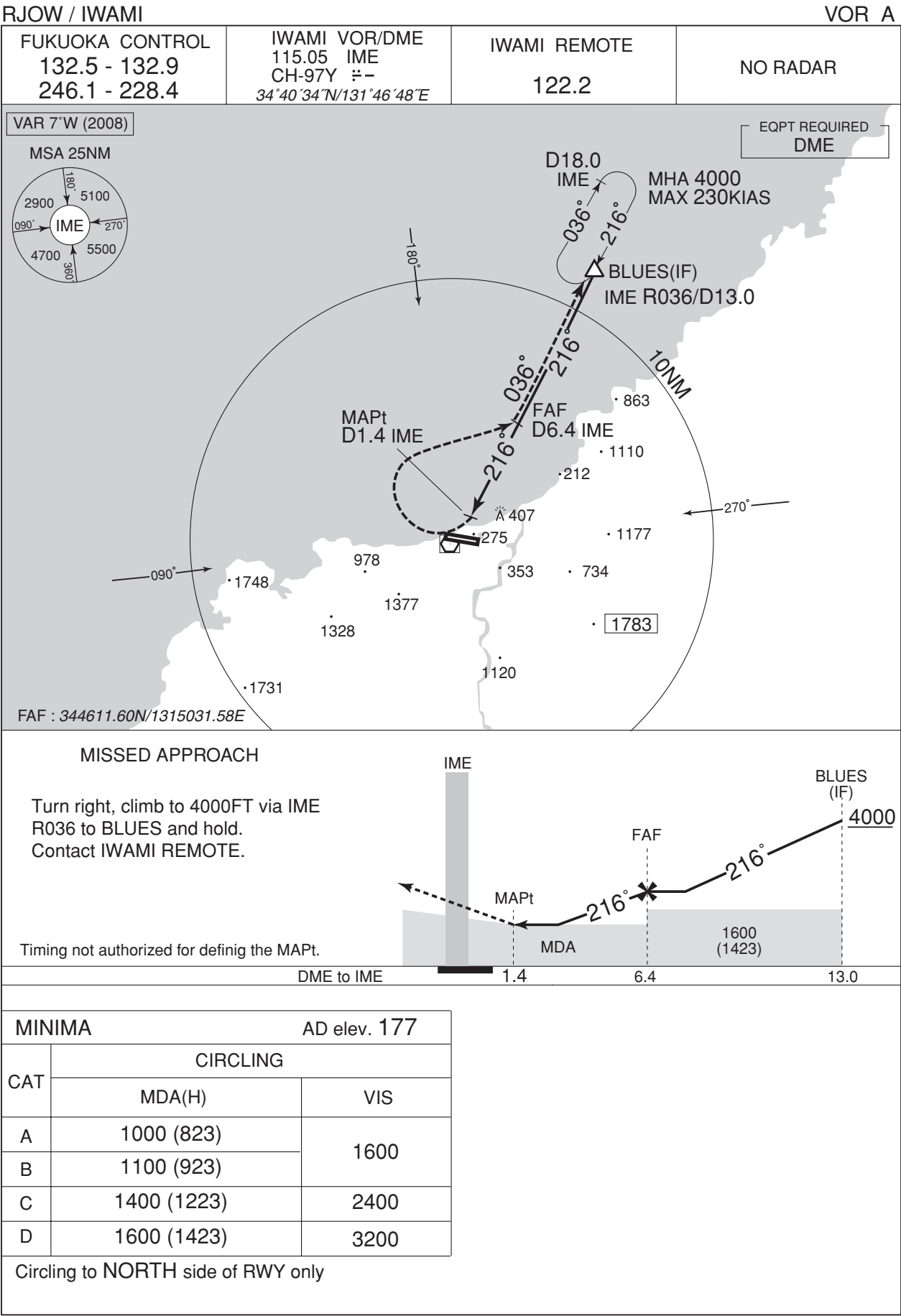
INSTRUMENT APPROACH CHART

RJOW / IWAMI

VOR RWY11



INSTRUMENT APPROACH CHART



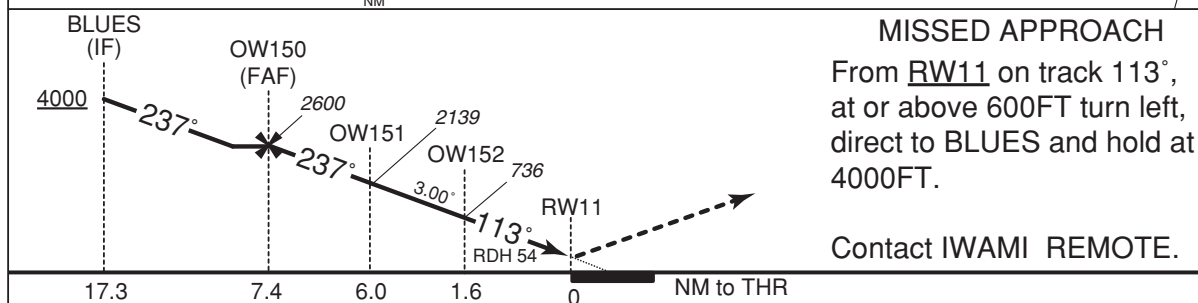
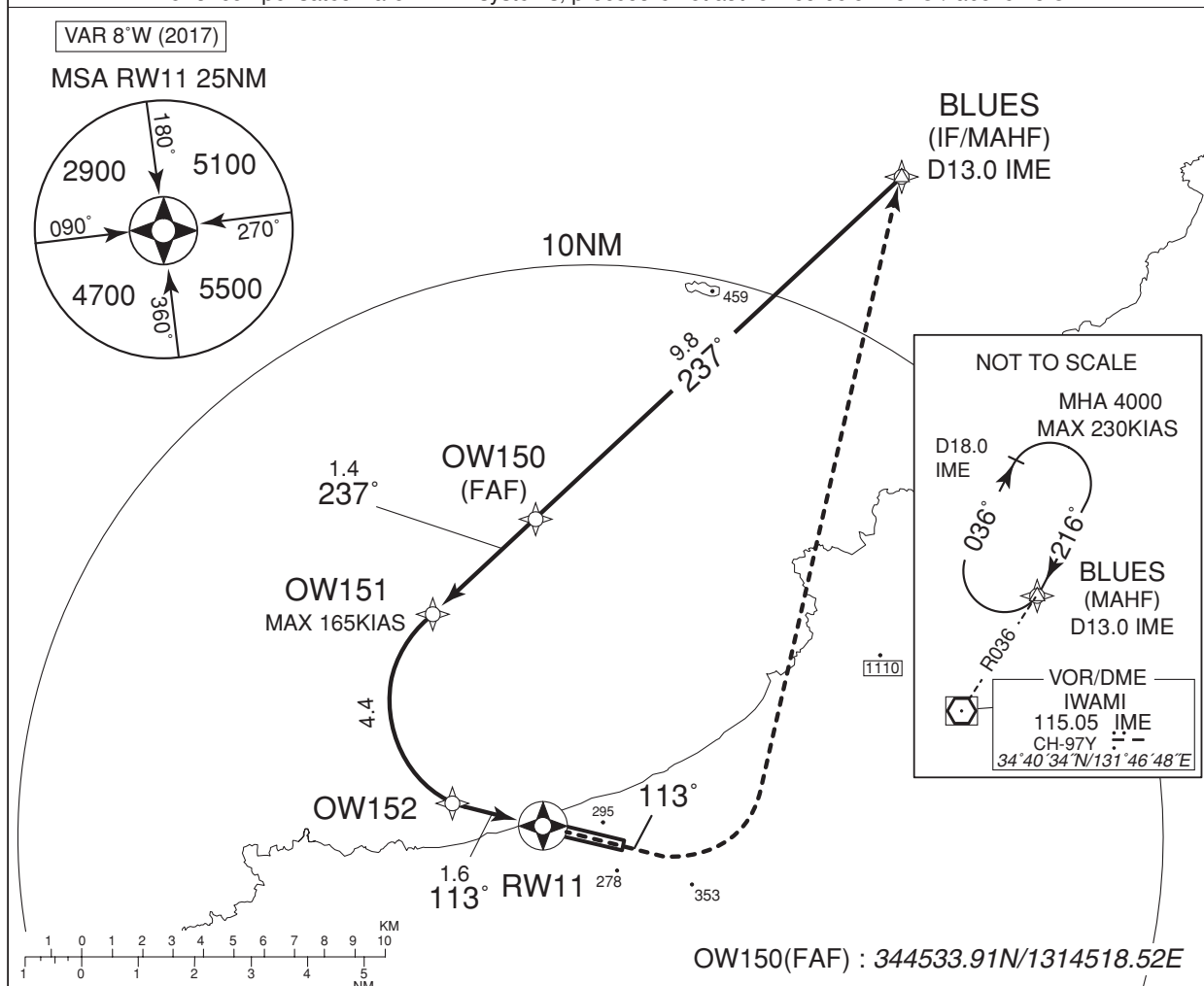
INSTRUMENT APPROACH CHART

RJOW / IWAMI

➔ RNAV(RNP) RWY11

| | | | |
|---------------------------------------------------|-----------------------|-----------------------|----------|
| FUKUOKA CONTROL 132.5 - 132.9 246.1 - 228.4 | GNSS and RF required. | IWAMI REMOTE 122.2 | NO RADAR |
|---------------------------------------------------|-----------------------|-----------------------|----------|

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



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

CHANGE : New PROC

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 (229.3) | -7.8 | 9.8 | — | 2600 | — | — | 1.0 |
| 003 | TF | OW151 | — | 237 (229.2) | -7.8 | 1.4 | — | 2139 | -165 | -3.00 | 0.3 |
| 004 | RF Center: OWRF1 r=2.03NM | OW152 | — | — | -7.8 | 4.4 | L | 736 | — | -3.00 | 0.3 |
| 005 | TF | RW11 | Y | 113 (104.8) | -7.8 | 1.6 | — | 238 | — | -3.00/54 | 0.3 |
| 006 | FA | — | — | 113 (104.8) | -7.8 | — | — | +600 | — | — | 1.0 |
| 007 | DF | BLUES | — | — | -7.8 | — | L | 4000 | — | — | 1.0 |

Waypoint Coordinates

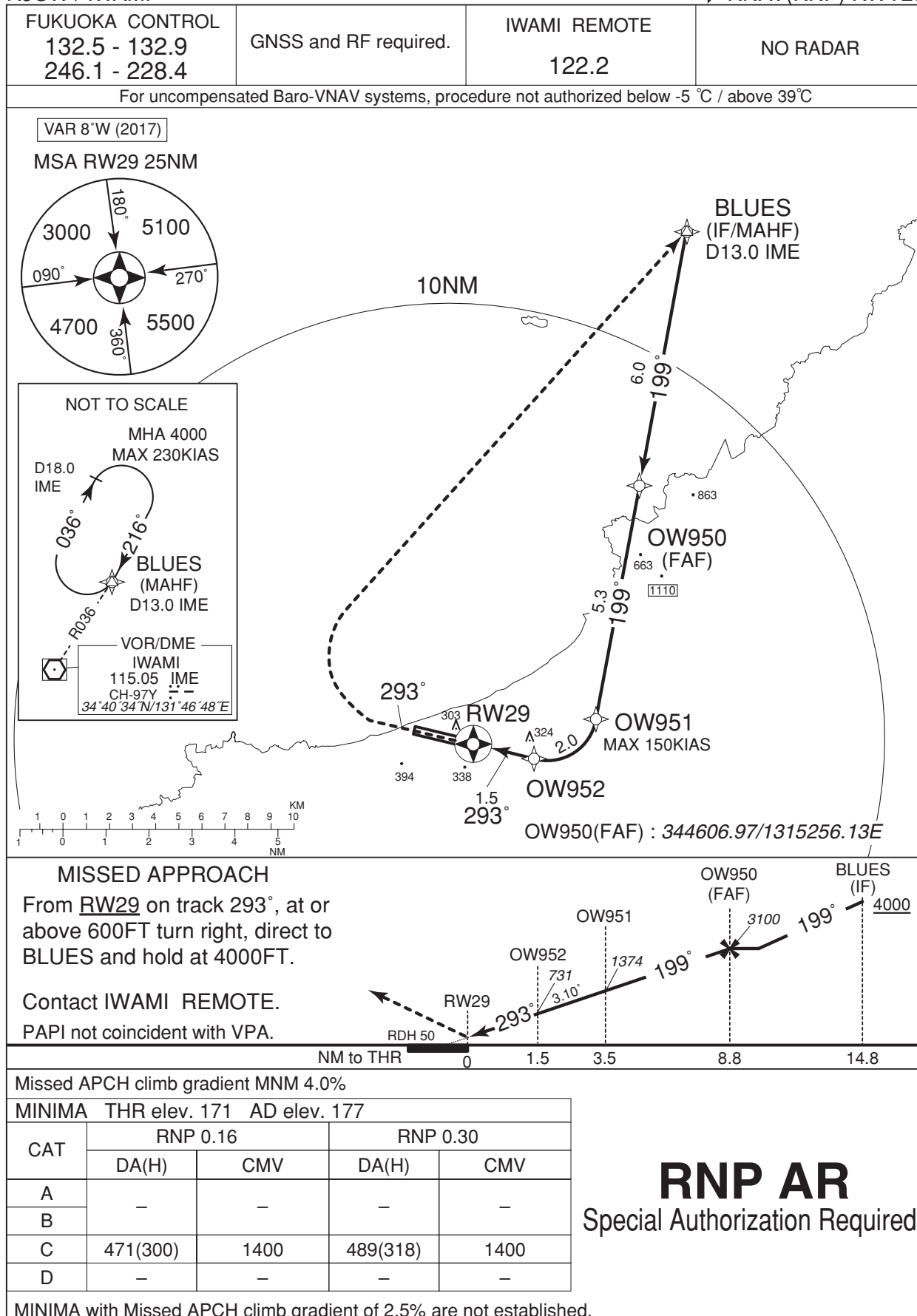
| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| BLUES | 345159.02N/1315423.09E | OWRF1 | 344304.90N/1314534.53E |
| OW150 | 344533.91N/1314518.52E | | |
| OW151 | 344437.18N/1314358.51E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

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJOW / IWAMI

➔ RNAV(RNP) RWY29



CHANGE : New PROC

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 (191.5) | -7.8 | 6.0 | — | 3100 | — | — | 1.0 |
| 003 | TF | OW951 | — | 199 (191.5) | -7.8 | 5.3 | — | 1374 | -150 | -3.10 | 0.16 0.3 |
| 004 | RF Center: OWRF2 r=1.20NM | OW952 | — | — | -7.8 | 2.0 | R | 731 | — | -3.10 | 0.16 0.3 |
| 005 | TF | RW29 | Y | 293 (284.9) | -7.8 | 1.5 | — | 221 | — | -3.10/50 | 0.16 0.3 |
| 006 | FA | — | — | 293 (284.9) | -7.8 | — | — | +600 | — | — | 1.0 |
| 007 | DF | BLUES | — | — | -7.8 | — | R | 4000 | — | — | 1.0 |

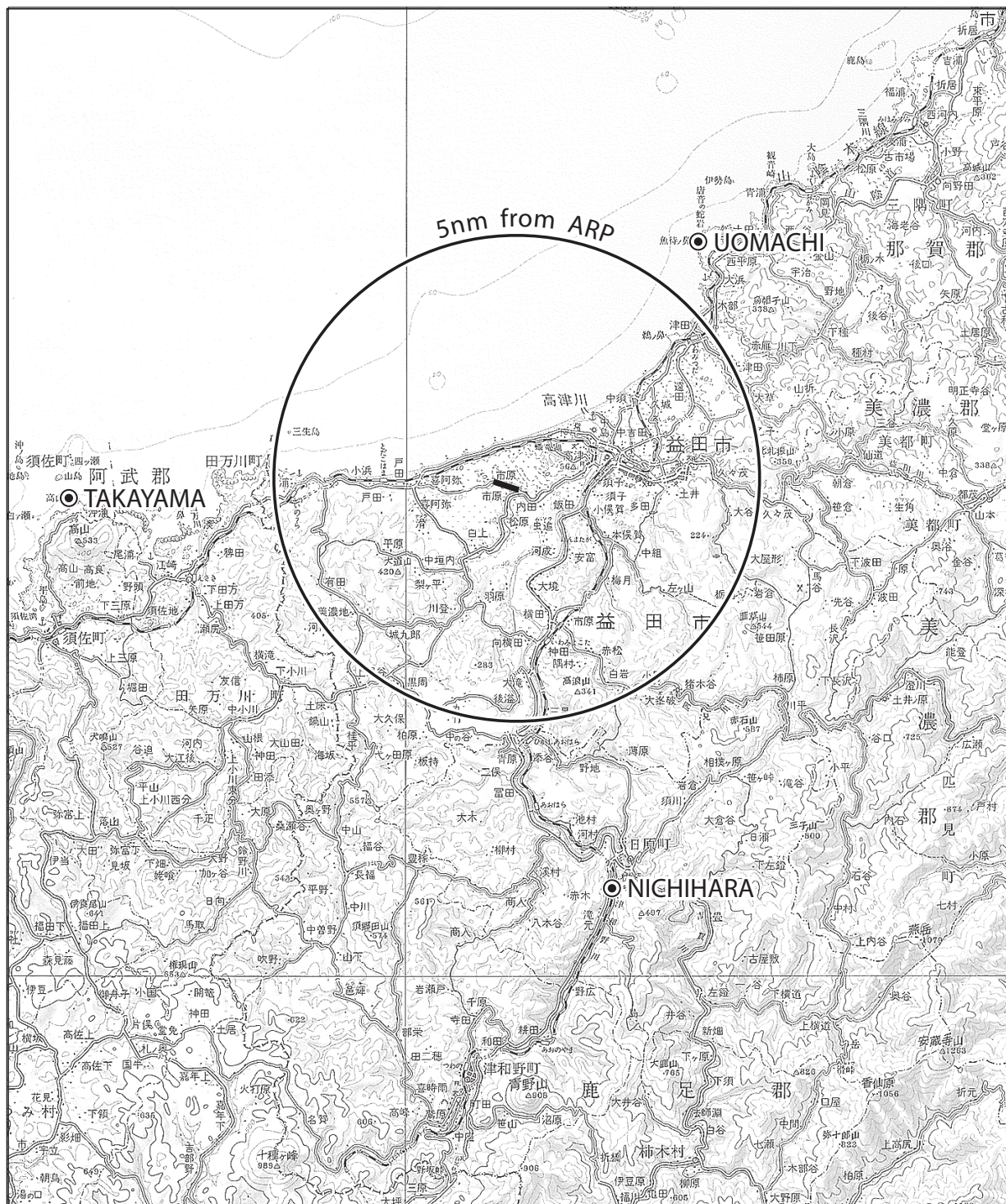
Waypoint Coordinates

| 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 Uomachi | 038°/6.0NM | 岬 Cape |
| 高 山 Takayama | 266°/8.9NM | 岬 Cape |
| 日 原 Nichihara | 164°/8.0NM | JR日原駅 JR station |



RJOW / IWAMI

Minimum Vectoring Altitude CHART



CENTER : 344035N/1314725E (ARP)