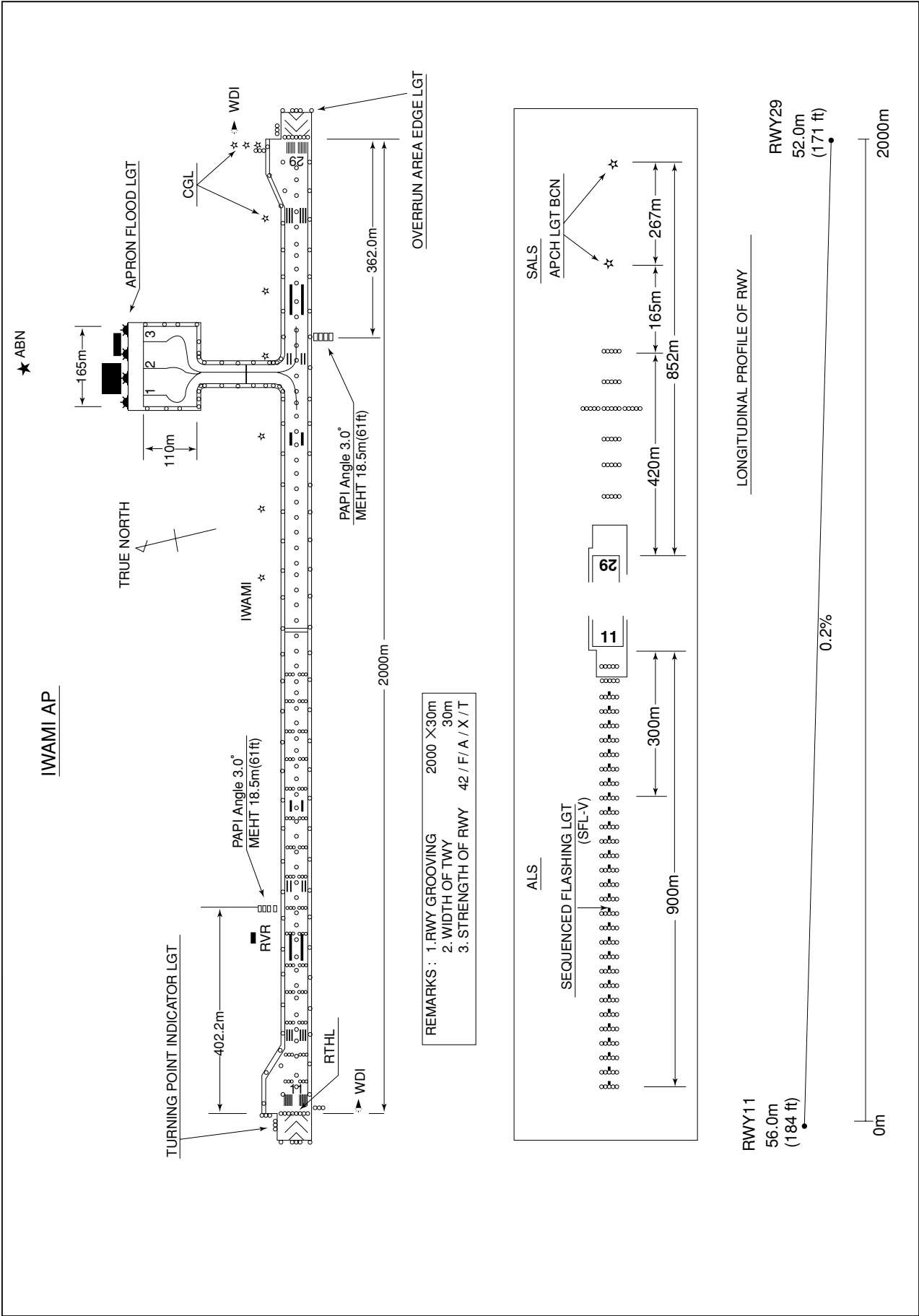


RJOW / IWAMI

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJOW / IWAMI

SID and TRANSITION

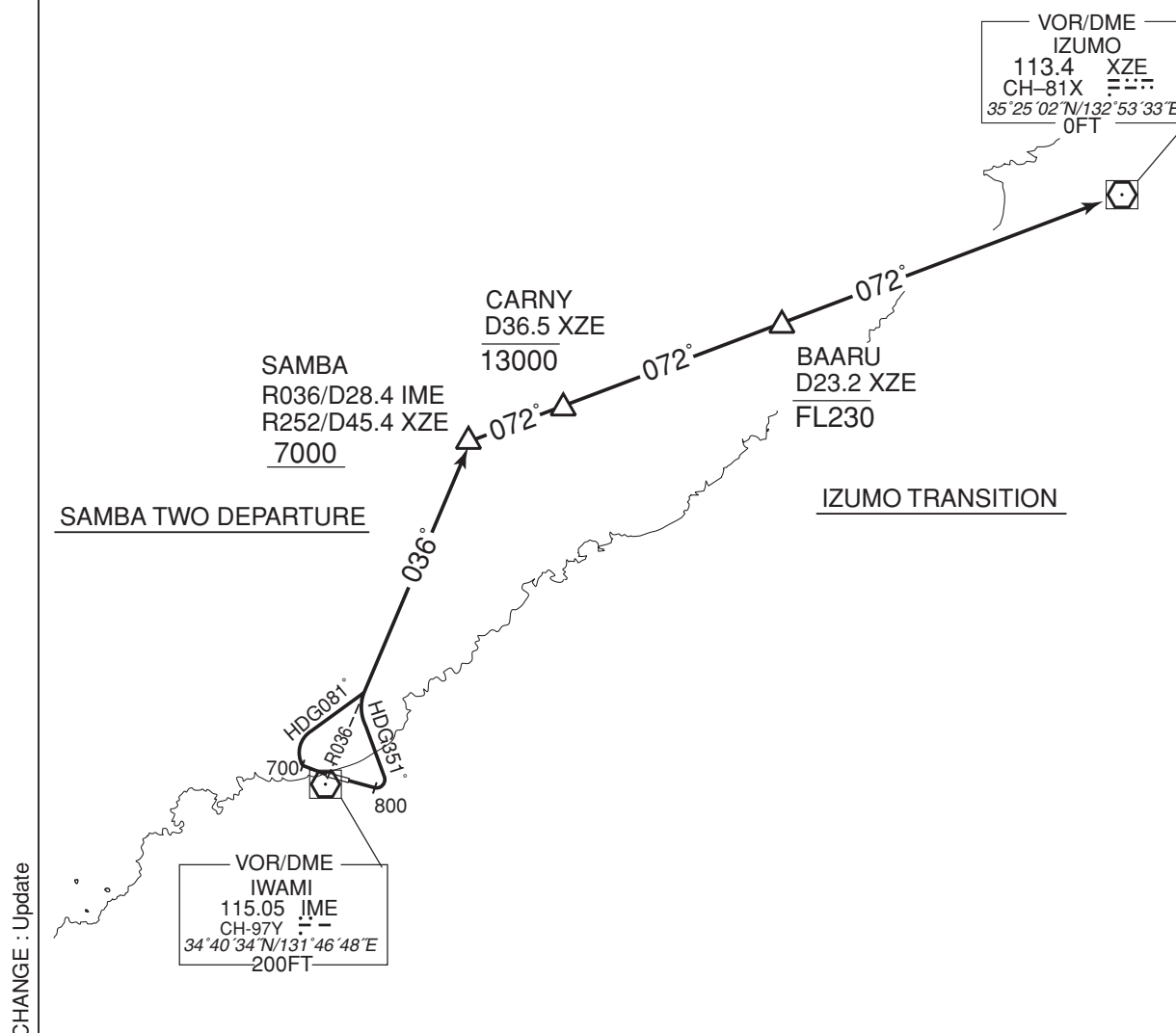
SAMBA TWO DEPARTURE

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. |

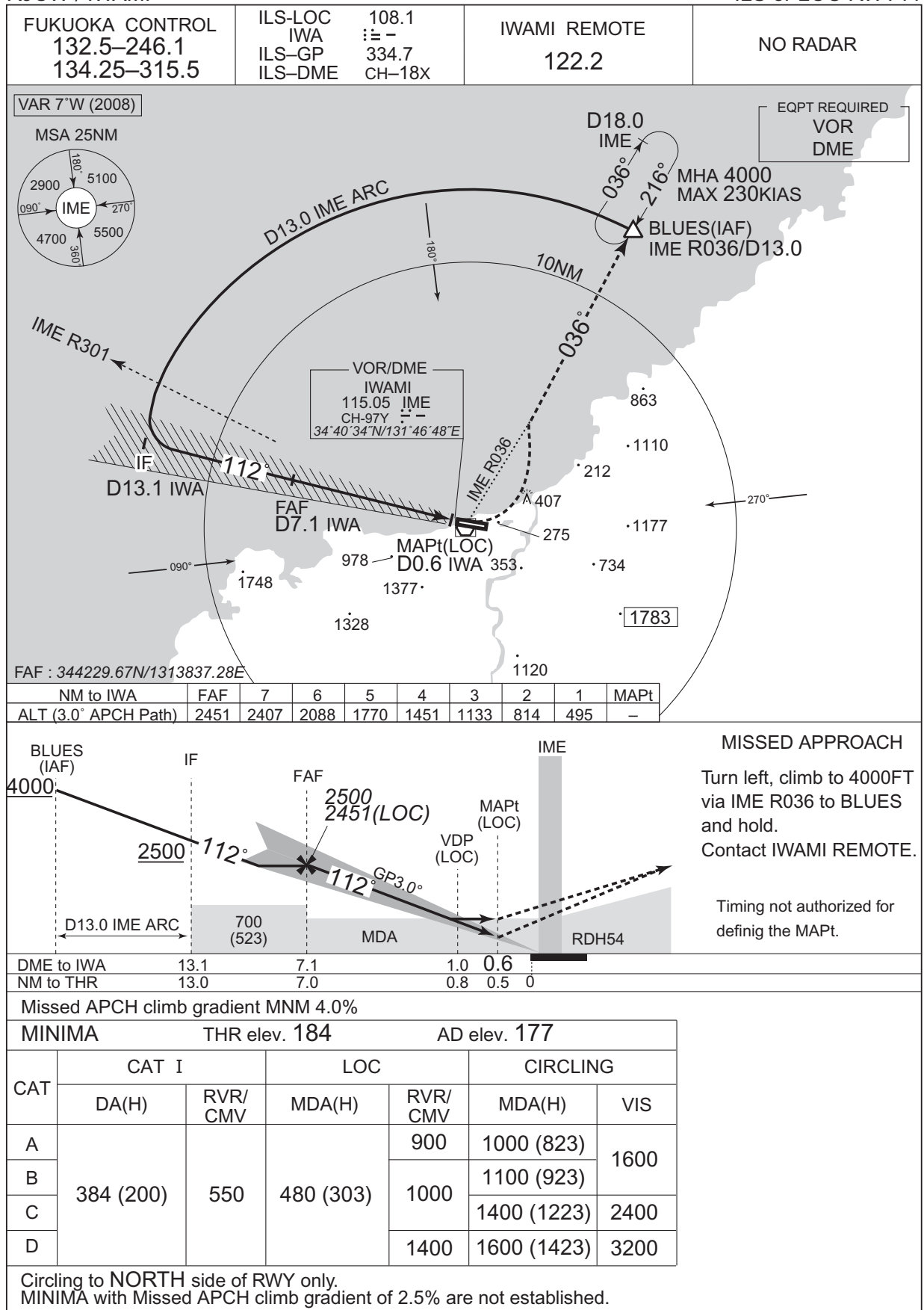
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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

RJOW / IWAMI

ILS or LOC RWY11

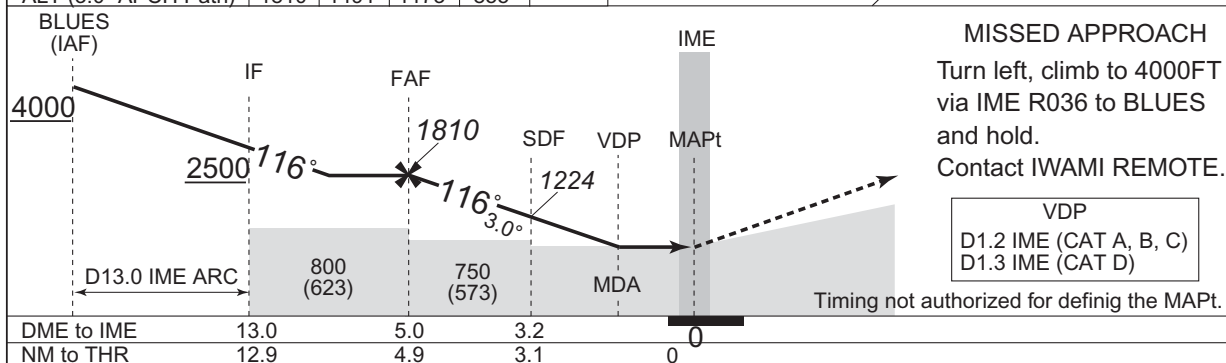
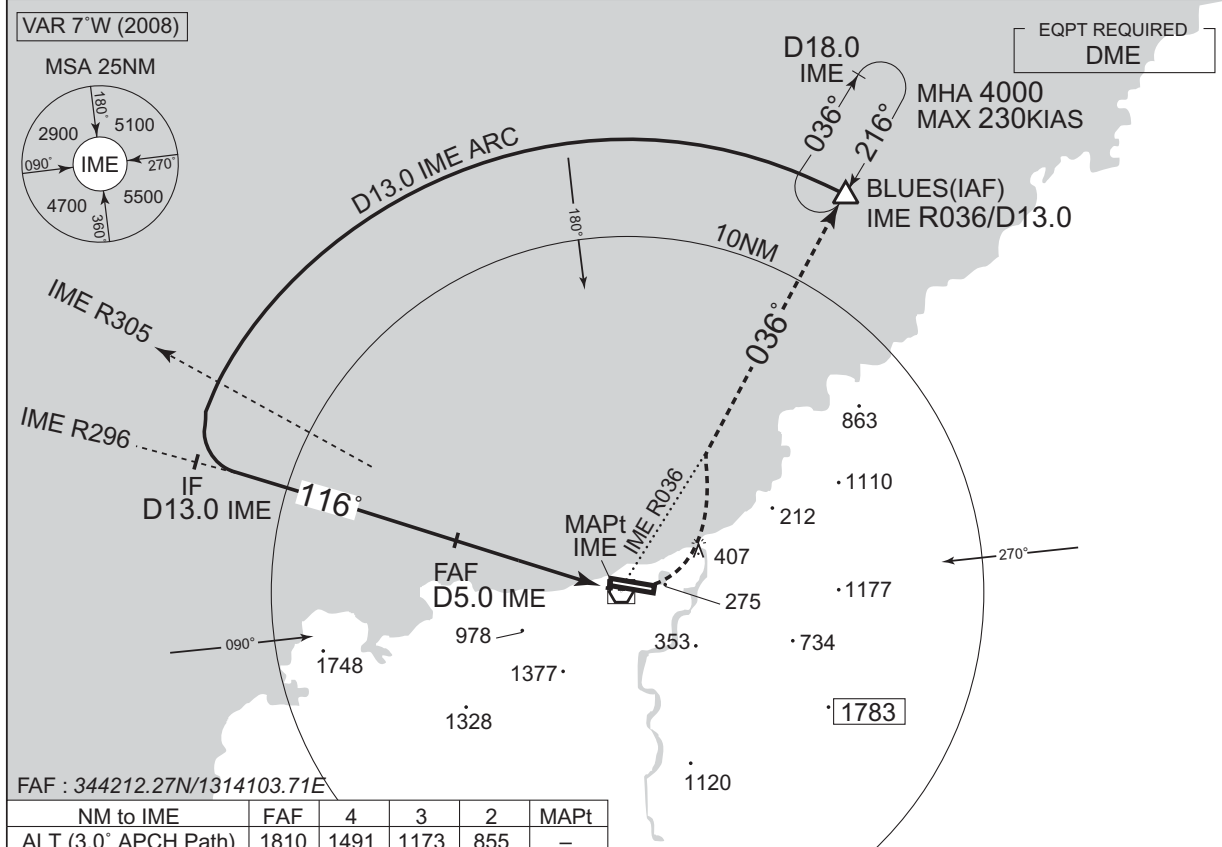


## INSTRUMENT APPROACH CHART

RJOW / IWAMI

VOR RWY11

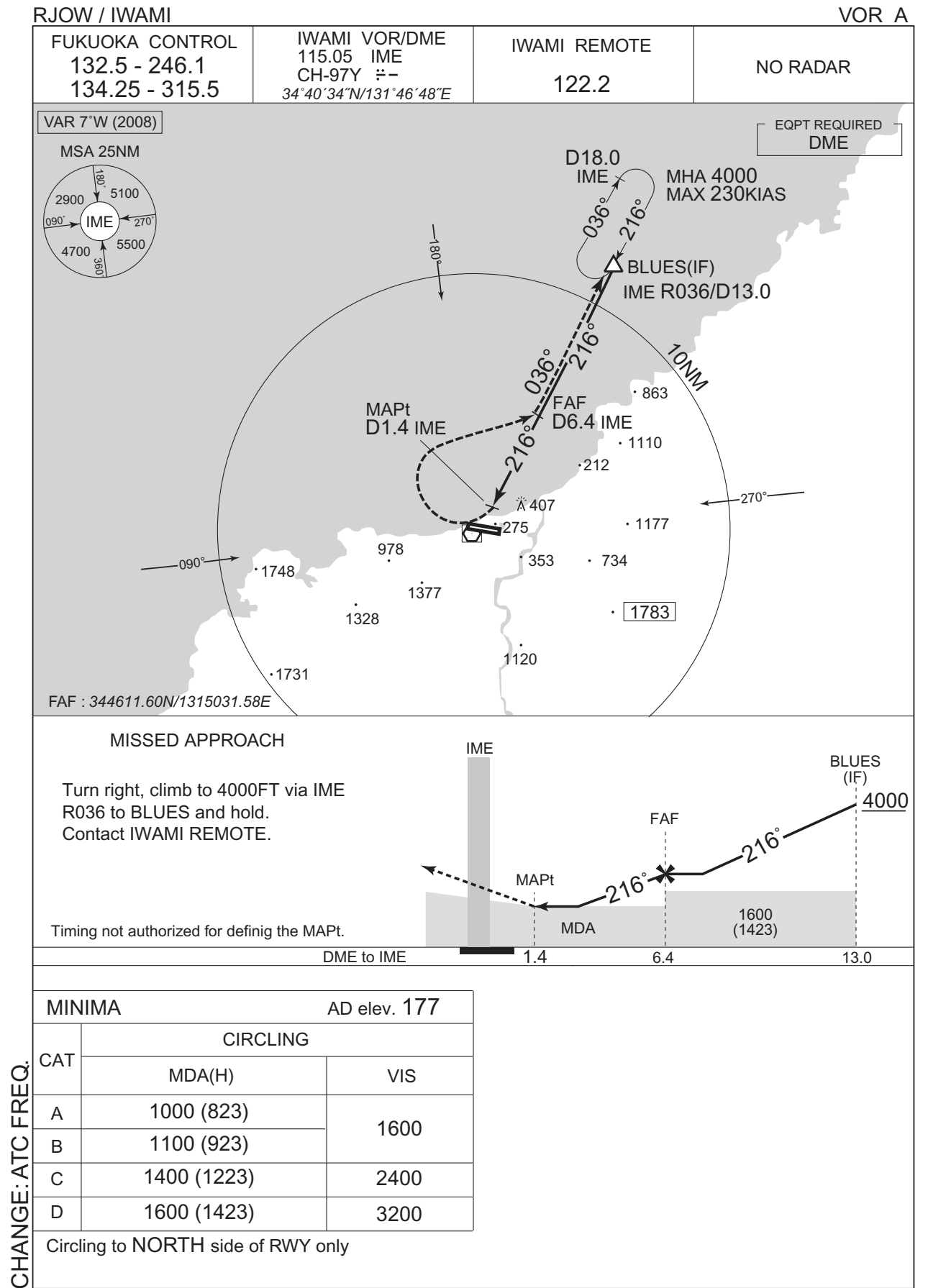
|  |   |                       |          |
|--|---|-----------------------|----------|
| FUKUOKA CONTROL<br>132.5–246.1<br>134.25–315.5 | IWAMI VOR/DME<br>115.05 IME<br>CH-97Y $\ddot{\text{---}}$<br>34°40'34"N/131°46'48"E | IWAMI REMOTE<br>122.2 | NO RADAR |
|--|---|-----------------------|----------|



| 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)  |      |
| D      | 610 (433) | 1400          | 1600 (1423)  | 3200 |

Circling to NORTH side of RWY only

INSTRUMENT APPROACH CHART



Civil Aviation Bureau,Japan (EFF:5 NOV 2020)

8/10/20

## RJOW / IWAMI

FUKUOKA CONTROL  
132.5 - 246.1  
134.25 - 315.5

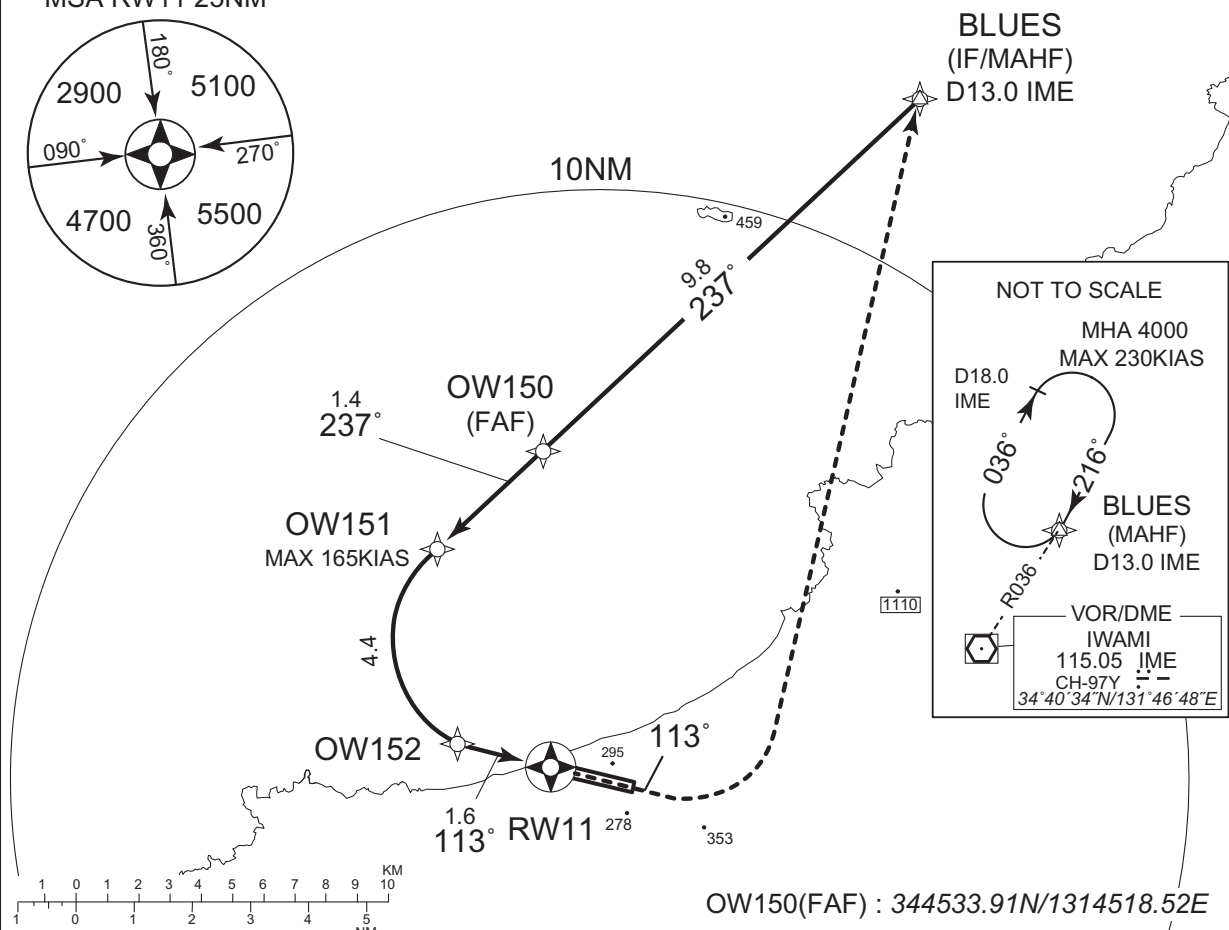
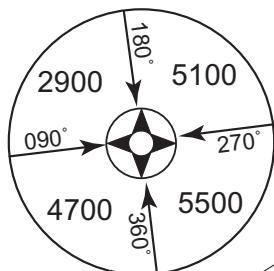
IWAMI REMOTE  
122.2

NO RADAR

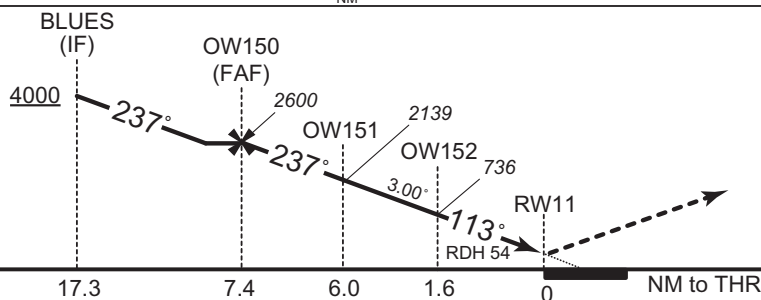
For uncompensated Baro-VNAV systems, procedure not authorized below -5 °C / above 45°C

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 |                          |                        |

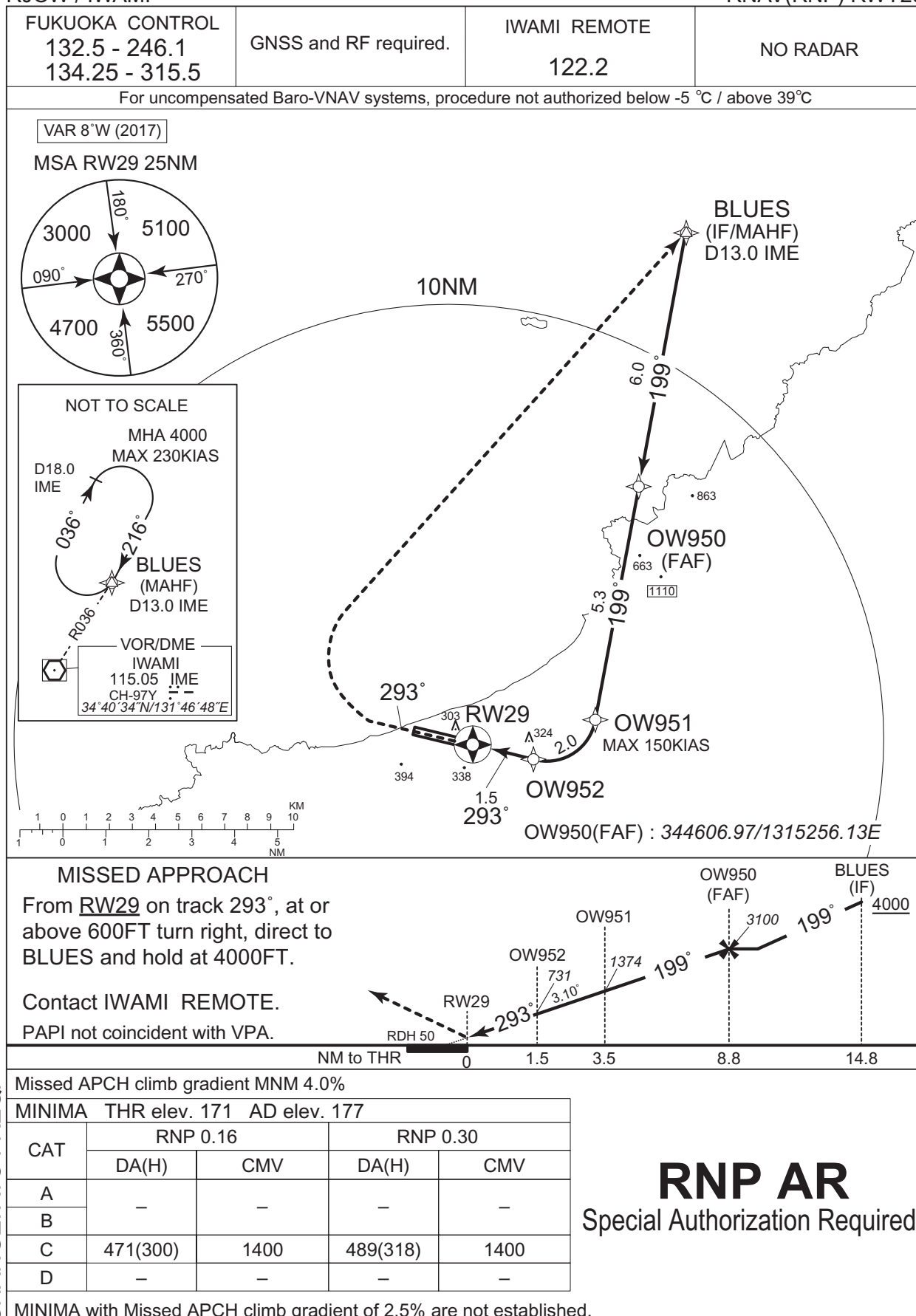
CHANGE : New PROC



## INSTRUMENT APPROACH CHART

RJOW / IWAMI

RNAV(RNP) RWY29



CHANGE: ATC FREQ.

## 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         |

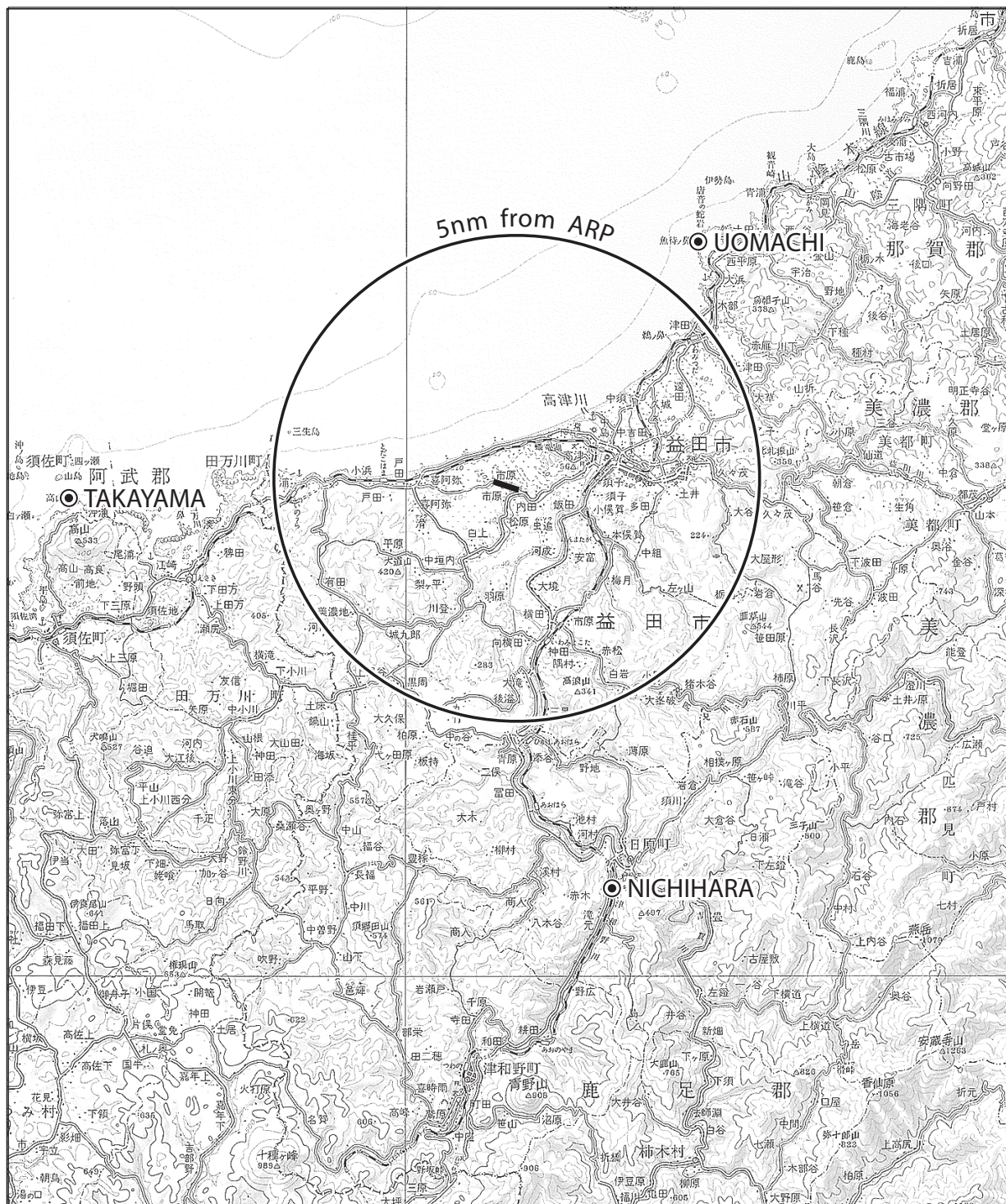
Waypoint Coordinates

| 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)