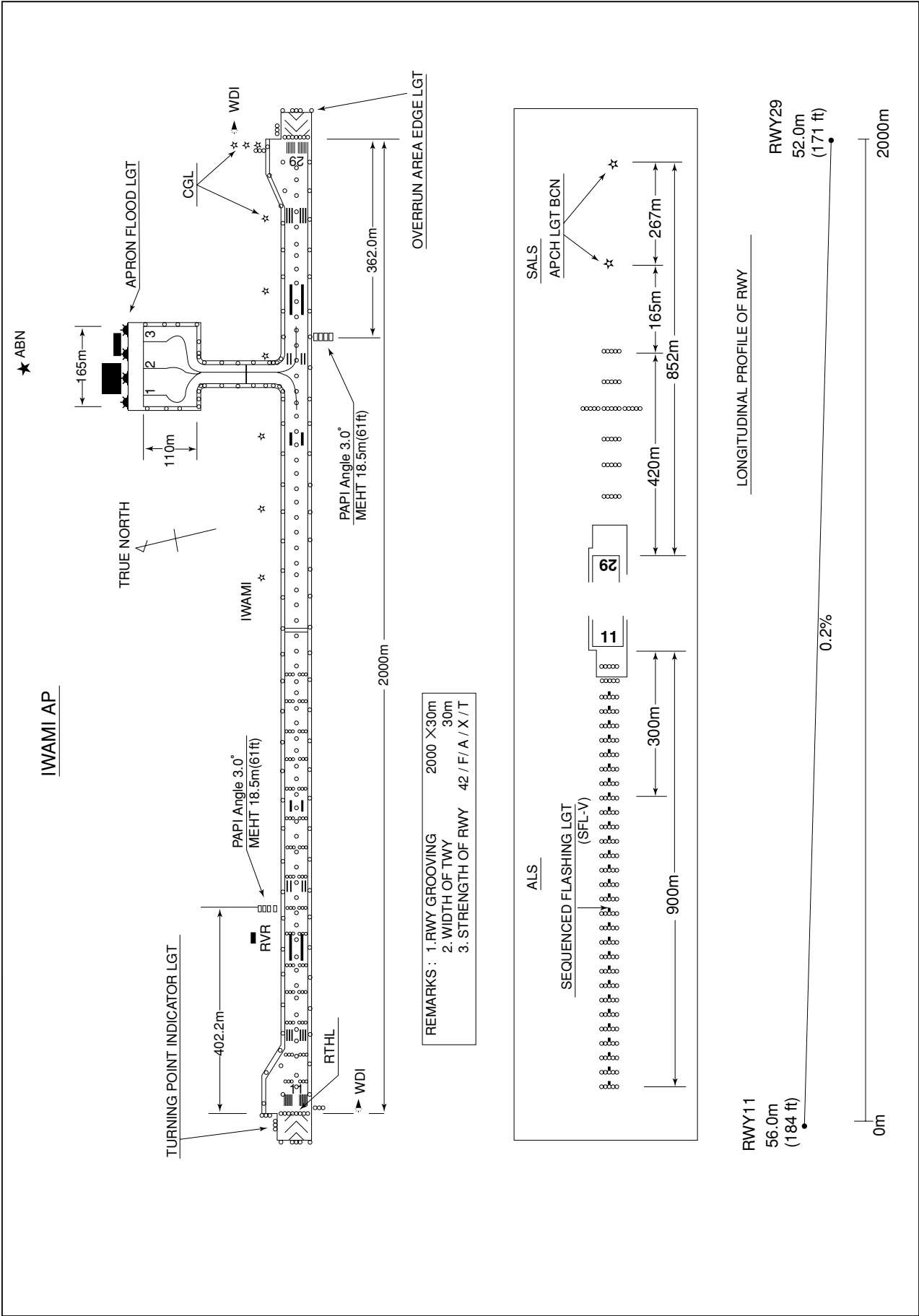


RJOW / IWAMI

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.

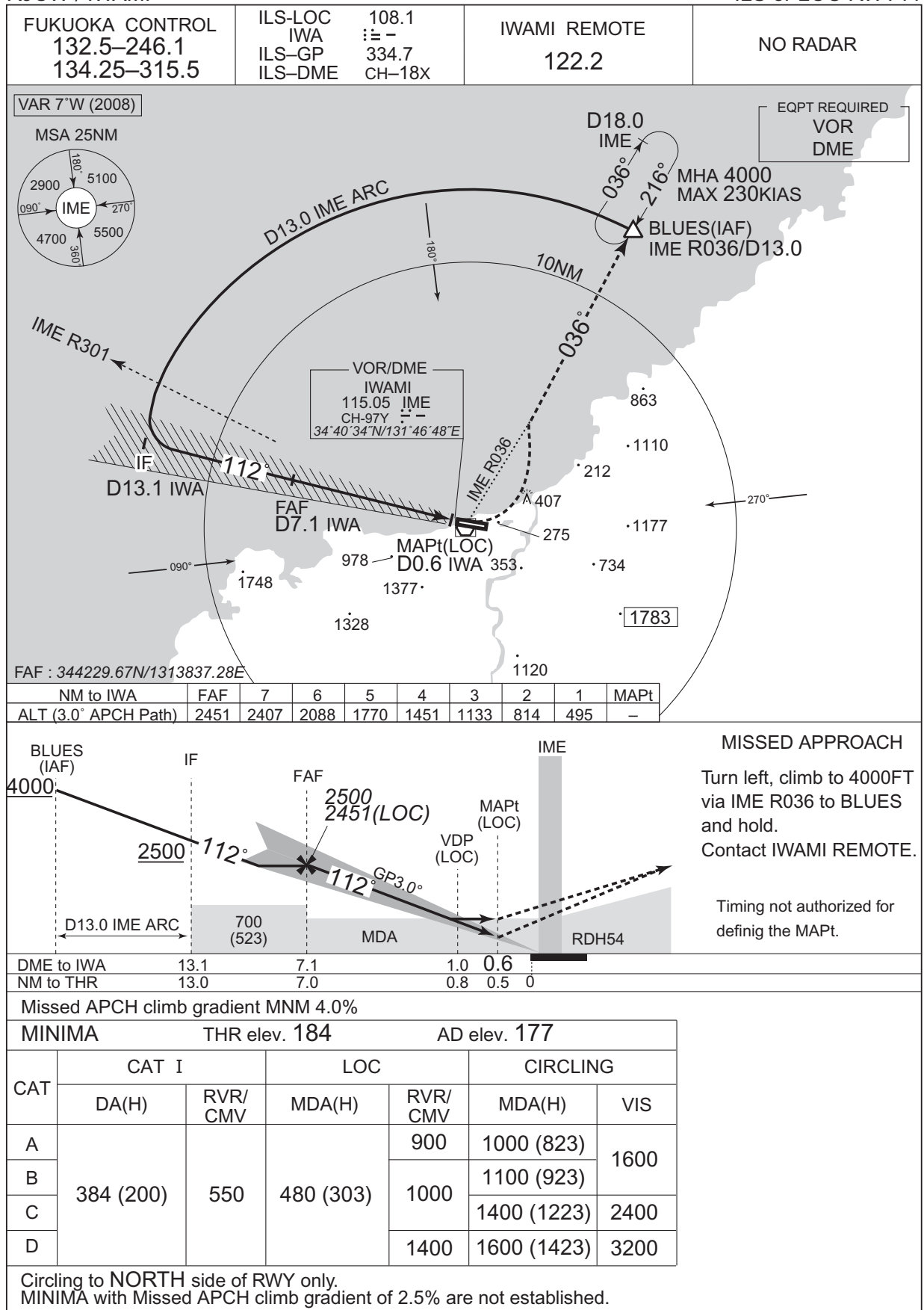
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	SAMBA	–	–	-7.8	–	–	+7000	–	–	RNAV1
002	TF	OSPEL	–	077 (069.7)	-7.8	10.5	–	-13000	–	–	RNAV1
003	TF	VIBEL	–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

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJOW / IWAMI

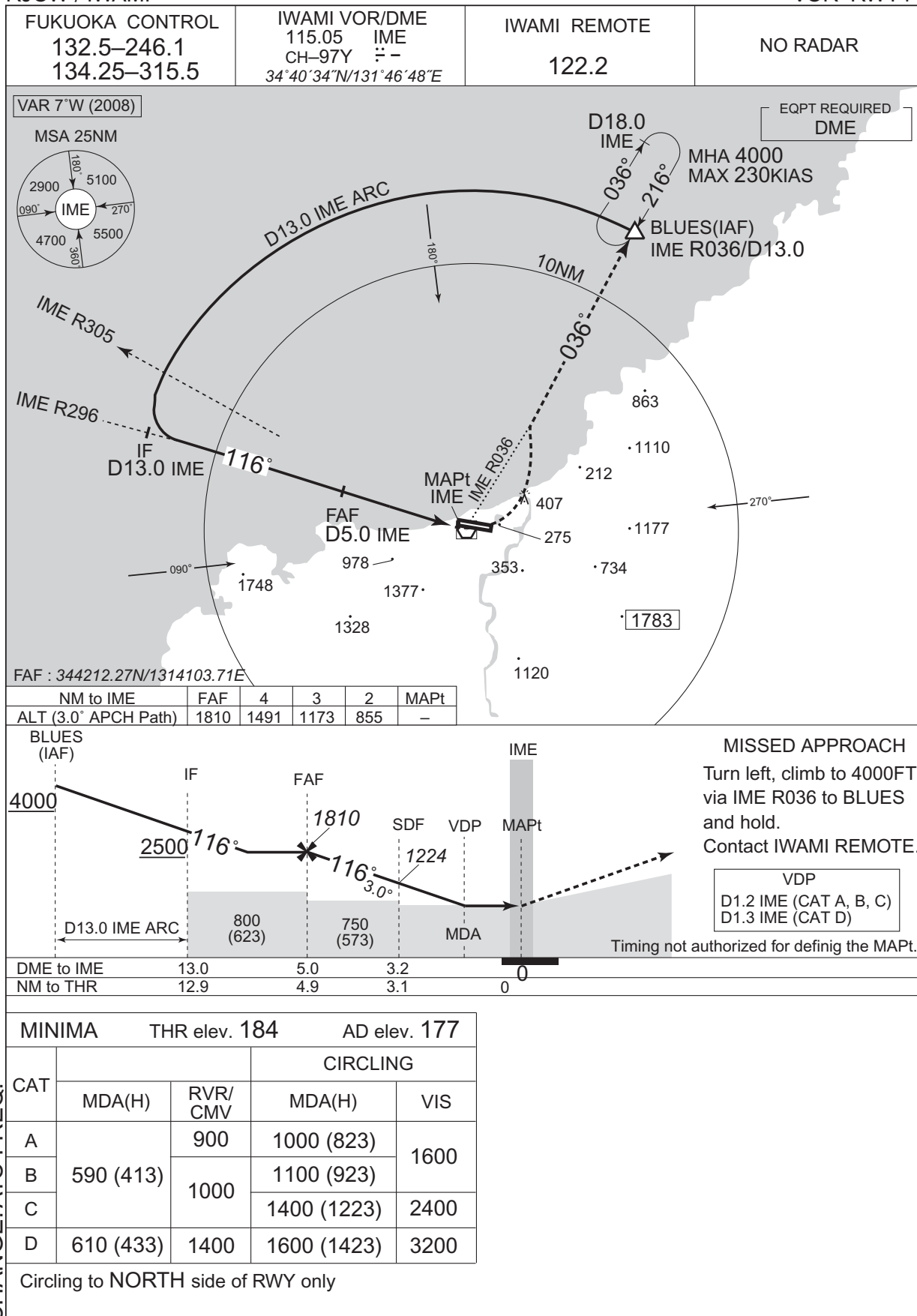
ILS or LOC RWY11



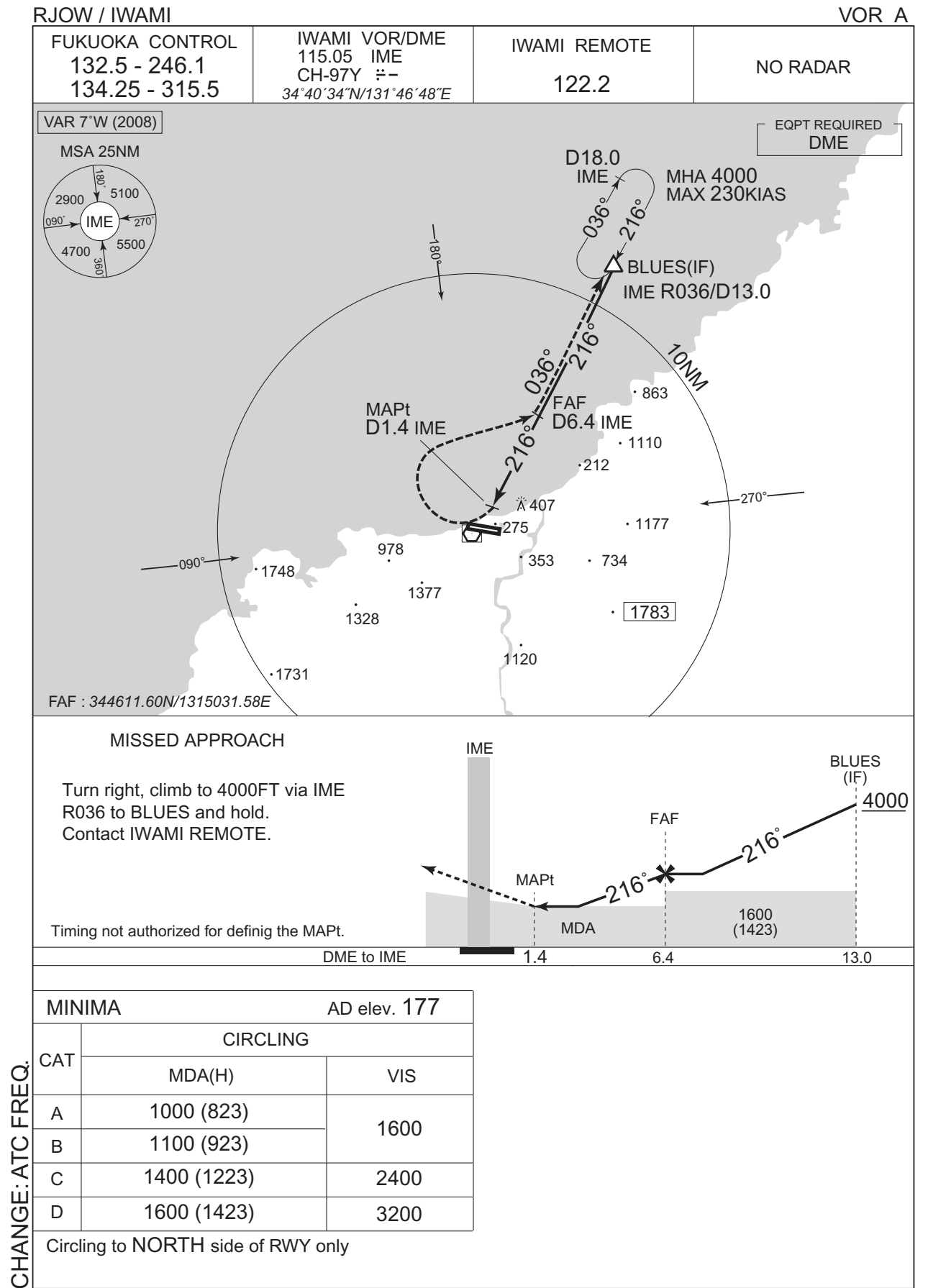
INSTRUMENT APPROACH CHART

RJOW / IWAMI

VOR RWY11



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.

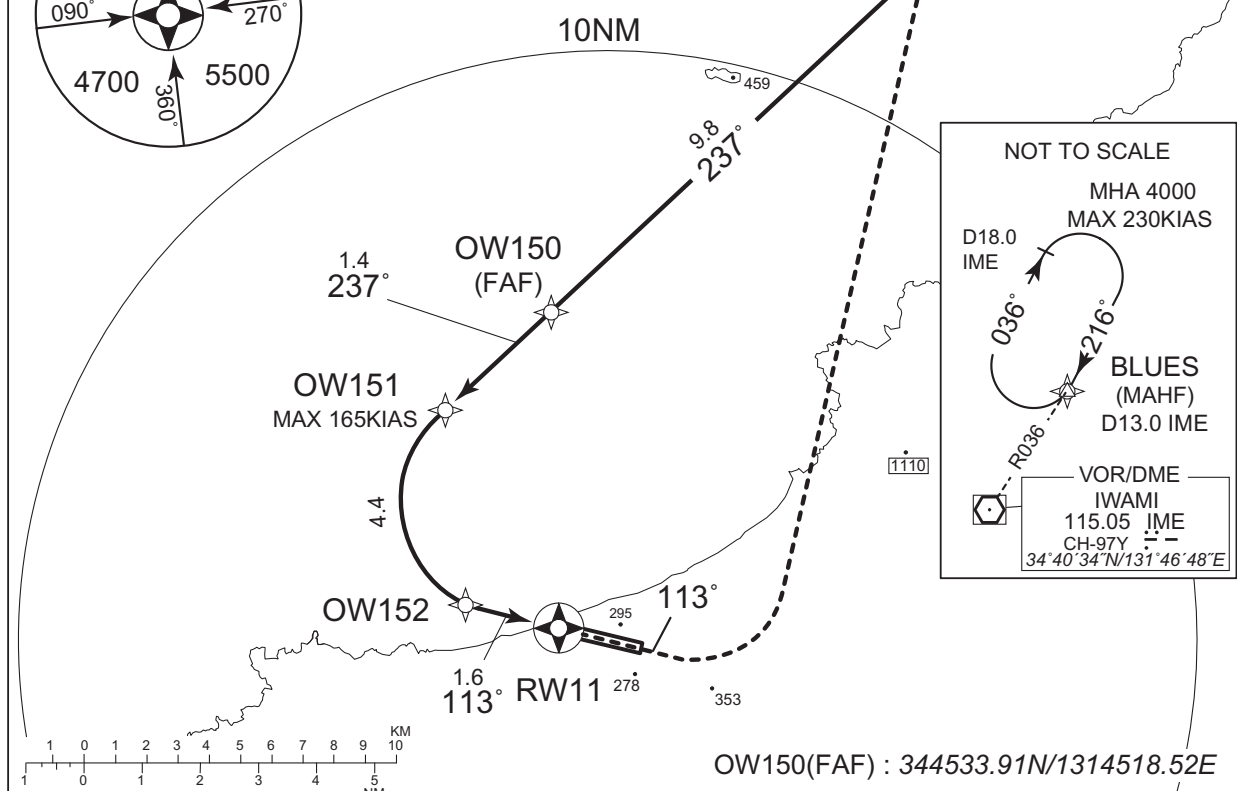
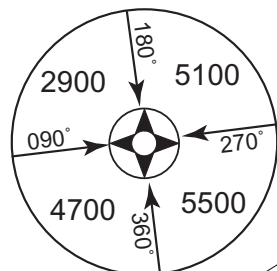
IWAMI REMOTE
122.2

NO RADAR

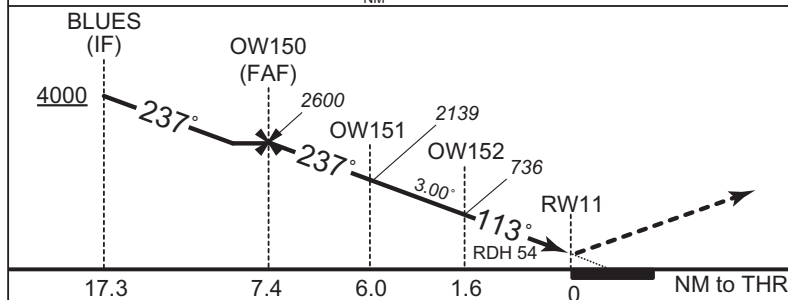
For uncompensated Baro-VNAV systems, procedure not authorized below -5 °C / above 45°C

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 (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

FUKUOKA CONTROL
132.5 - 246.1
134.25 - 315.5

GNSS and RF required.

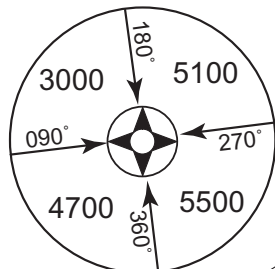
IWAMI REMOTE
122.2

NO RADAR

For uncompensated Baro-VNAV systems, procedure not authorized below -5 °C / above 39°C

VAR 8°W (2017)

MSA RW29 25NM



NOT TO SCALE

MHA 4000
MAX 230KIASD18.0
IME

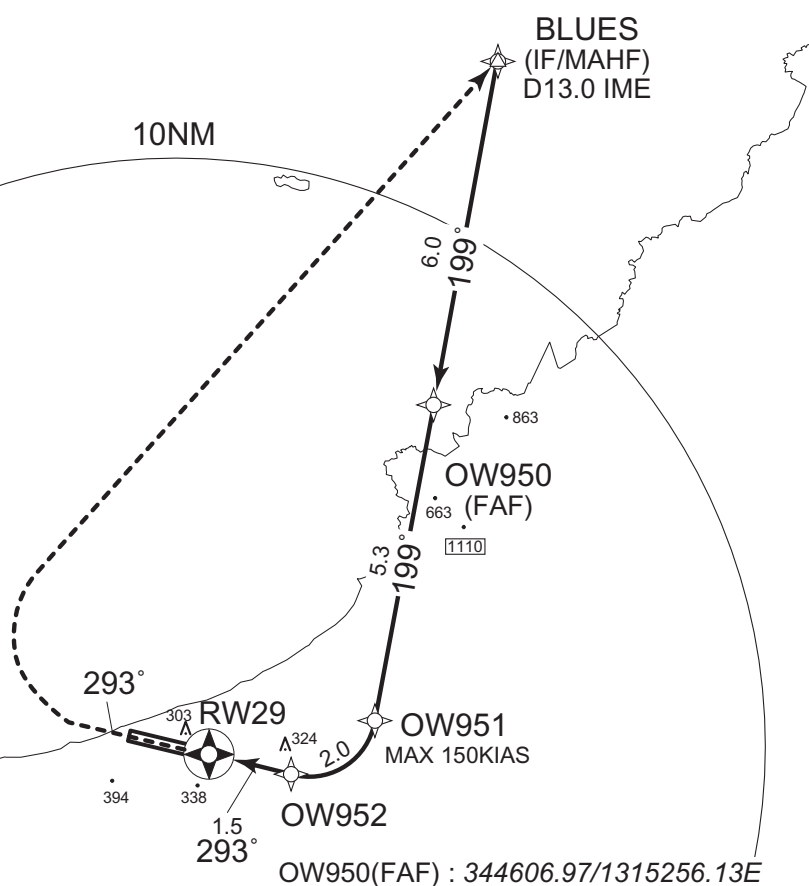
036°

216°

R036

BLUES
(MAHF)
D13.0 IMEVOR/DME
IWAMI
115.05 IME
CH-97Y
34°40'34"N/131°46'48"E

34°40'34"N/131°46'48"E



MISSED APPROACH

From RW29 on track 293°, at or above 600FT turn right, direct to BLUES and hold at 4000FT.

Contact IWAMI REMOTE.
PAPI not coincident with VPA.

NM to THR 0 1.5 3.5 8.8 14.8

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 171 AD elev. 177

CAT	RNP 0.16		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	—	—	—	—
B	—	—	—	—
C	471(300)	1400	489(318)	1400
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) 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

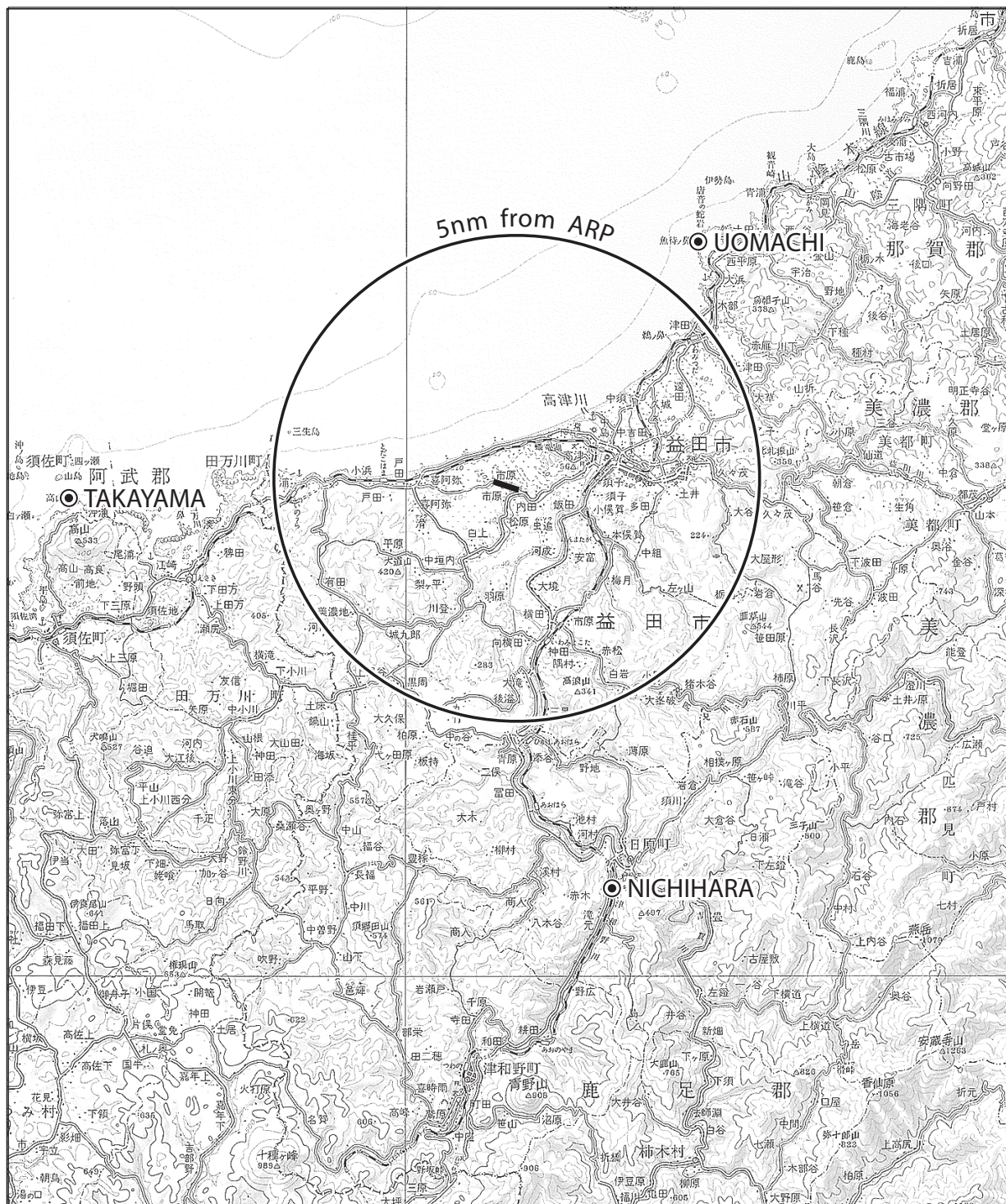
Waypoint Coordinates

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)