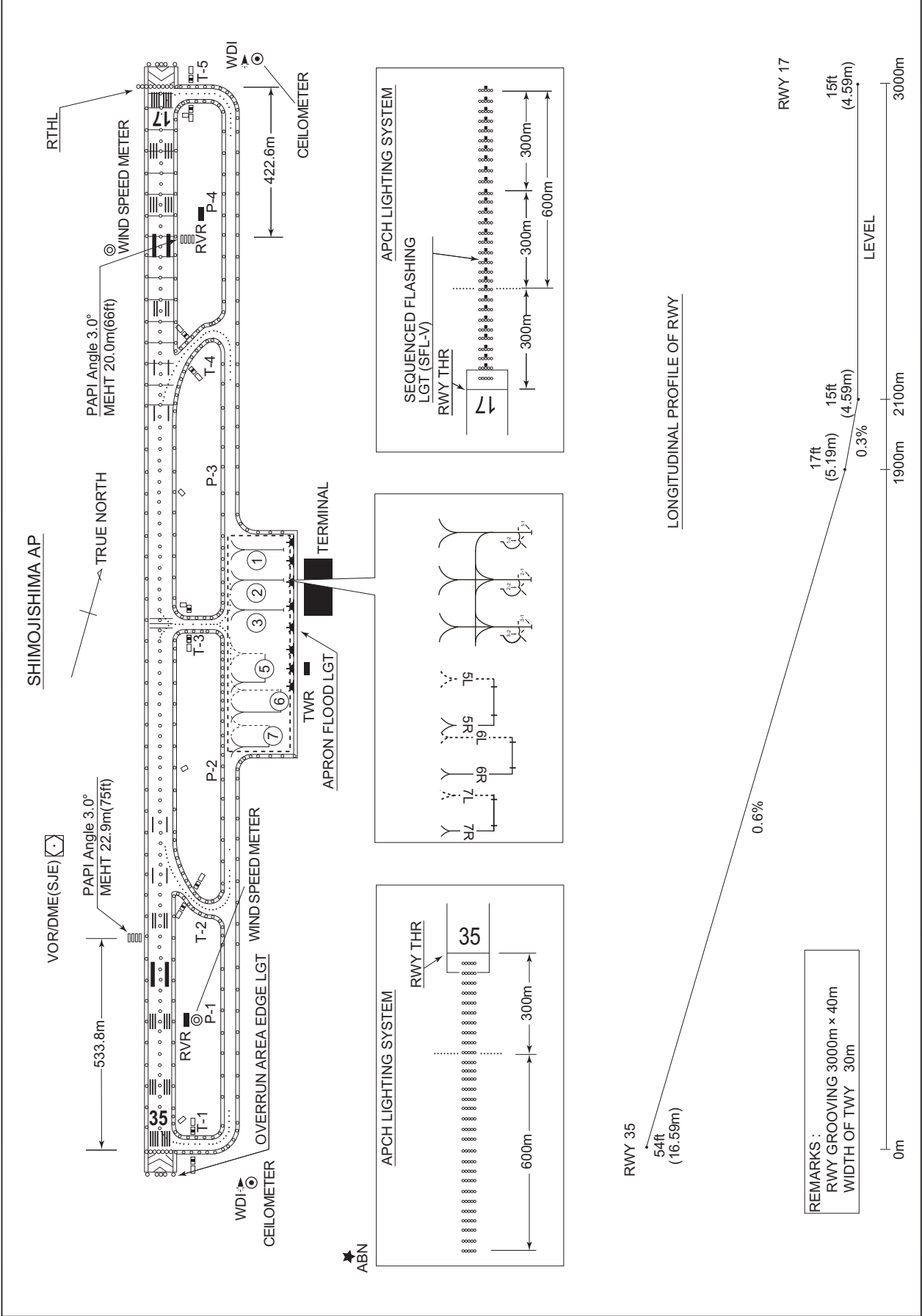


RORS / SHIMOJISHIMA

AD CHART

CHANGE : CEILOMETER, WIND SPEED METER added. RVR relocated.



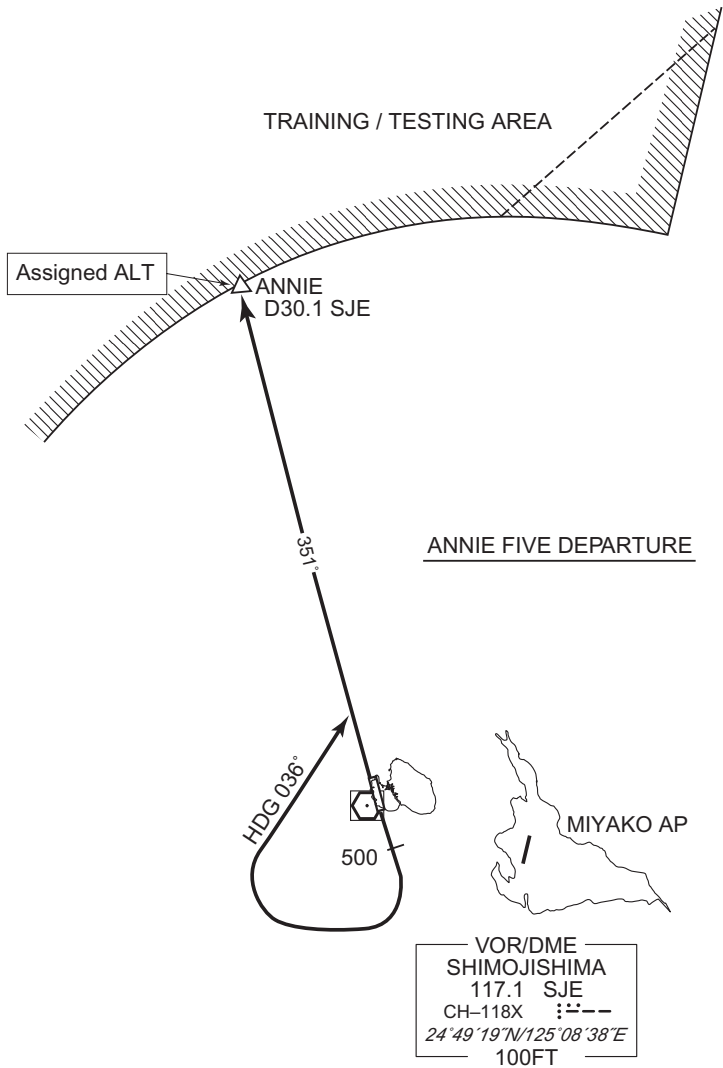
STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

ANNIE FIVE DEPARTURE

RWY17 : Climb RWY HDG to 500FT, turn right HDG036° to intercept and proceed ...
RWY35 : Climb ...
... via SJE R351 to ANNIE.
Cross ANNIE at assigned altitude.
Note RWY17 : 5.0% climb gradient required up to 500FT.
OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



CHANGE : PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

BETTY FIVE DEPARTURE

RWY17 : Climb RWY HDG to 500FT ...

RWY35 : Climb RWY HDG to 500FT, turn left HDG 126° to intercept and proceed ...

... via SJE R171 to BETTY.

Cross BETTY at assigned altitude.

Note RWY17 : 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



CHANGE : PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

MIYAKOJIMA FOUR DEPARTURE

RWY17 : Climb RWY HDG to 500FT, turn left,...

RWY35 : Climb RWY HDG to 500FT, turn right,...

...direct to MJC VORTAC. Cross MJC VORTAC at or above 3000FT.

Note RWY17 : 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.

MIYAKOJIMA FOUR DEPARTURE



CHANGE : PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

RNAV SID

FREED TWO DEPARTURE

Basic RNP1

Note GNSS required.



FREED TWO DEPARTURE

RWY17 : Climb on HDG171° at or above 500FT, turn left direct to RS700, to FREED.
RWY35 : Climb on HDG351° at or above 500FT, turn right direct to FREED.

Note RWY17 : 5.0% climb gradient required up to 500FT.
OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.

RWY17

Serial Number	Path Descriptor	Way point Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	171 (166.1)	-5.1	-	-	+500	-	-	Basic RNP1
002	DF	RS700	-	-	-5.1	-	L	-	-	-	Basic RNP1
003	TF	FREED	-	067 (062.4)	-5.1	77.7	-	-	-	-	Basic RNP1

RWY35

Serial Number	Path Descriptor	Way point Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	351 (346.1)	-5.1	-	-	+500	-	-	Basic RNP1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	Basic RNP1

CHANGE : PROC renamed. Navigation specification. Sensor for RNAV.

STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

ANNIE ARRIVAL

From over ANNIE, proceed via SJE R351 to DIANA.
Cross DIANA at or above 1600FT.



STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

BETTY ARRIVAL

From over BETTY, proceed via MJC R184 to intercept and proceed via SJE R169 to CHIMI.

Cross CHIMI at or above 1600FT.



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

ILS Z or LOC Z RWY17



CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.



Missed APCH climb gradient MNM 3.0%

MINIMA							THR elev. 15		AD elev. 25	
CAT	CAT I		LOC		CIRCLING					
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS				
A	240 (225)	600	460 (445)	900	510 (485)	1600				
B				1000		2400				
C										
D				1400	580 (555)	3200				

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

ILS Y or LOC Y RWY17



Turn initiation within D11.0 SJE



MISSED APPROACH

Climb to 2000FT on HDG170°,
turn right, direct to SJE
VOR/DME and hold.
Contact SAKISHIMA APP.

Timing not authorized for defining
the MAPt.

Missed APCH climb gradient MNM 3.0%

MINIMA		THR elev. 15		AD elev. 25		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	240 (225)	600	460 (445)	900	510 (485)	1600
B				1000		
C					1400	580 (555)
D				3200		

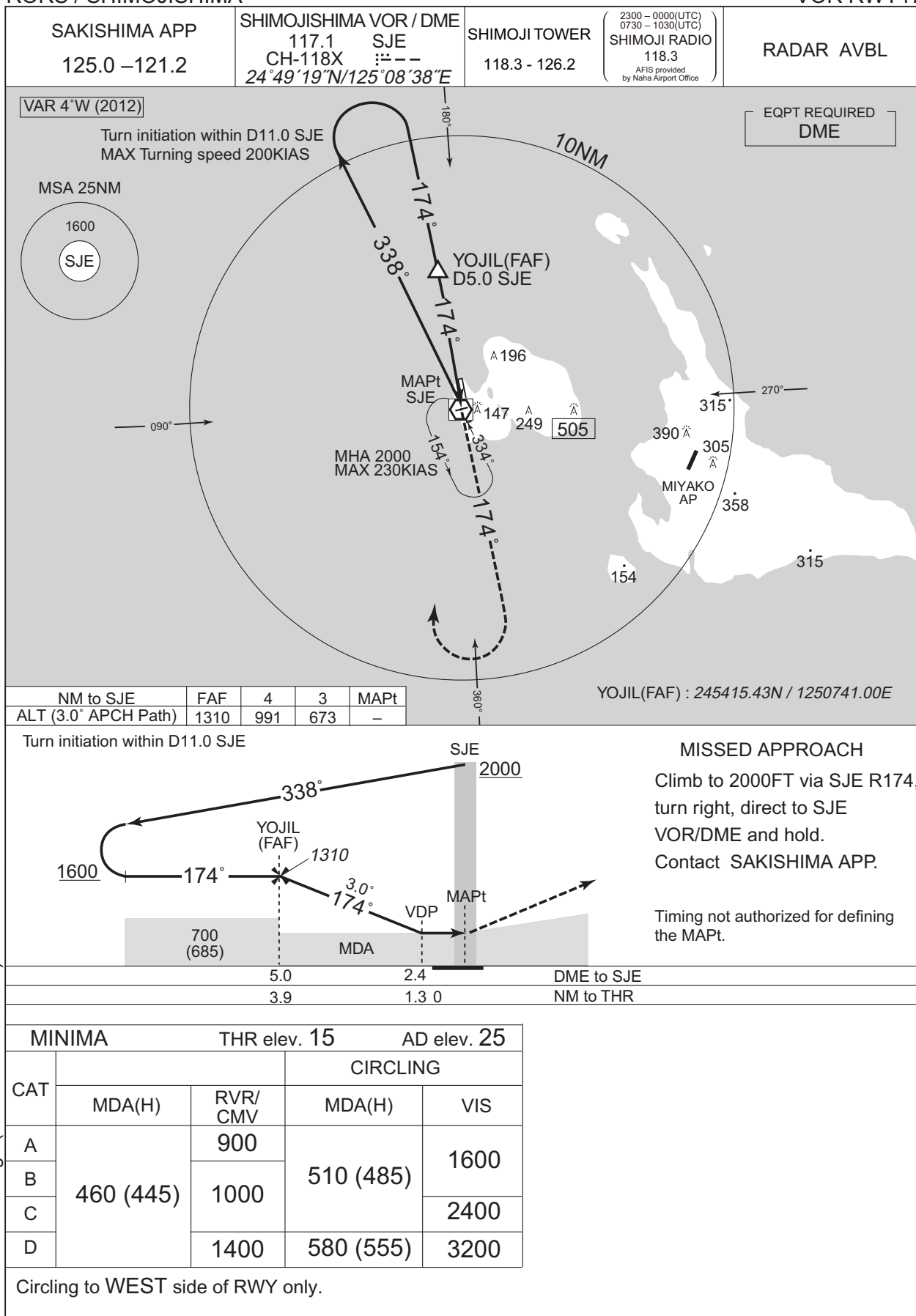
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : Call sign (REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

VOR RWY17

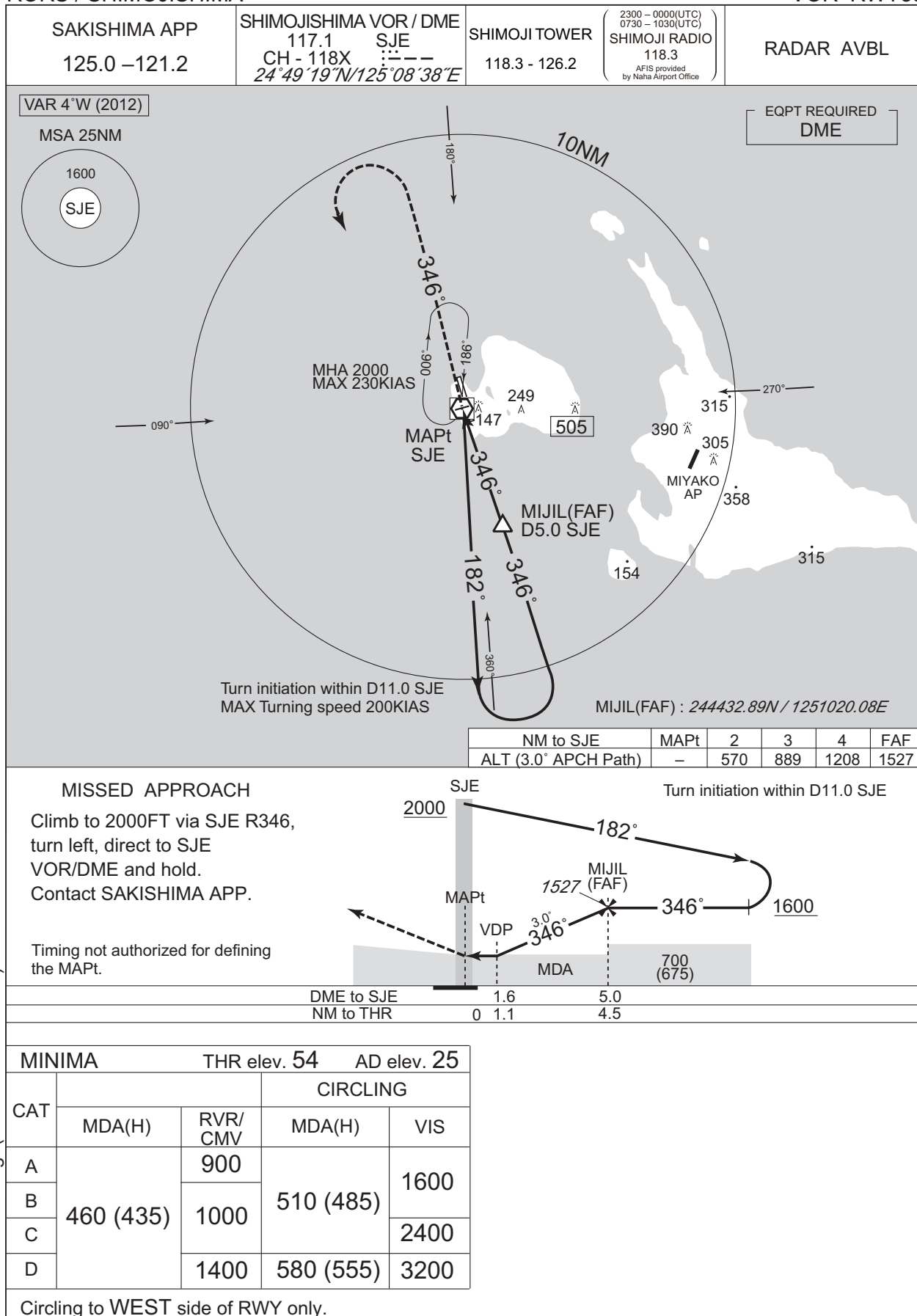


CHANGE : Call sign (REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

VOR RWY35

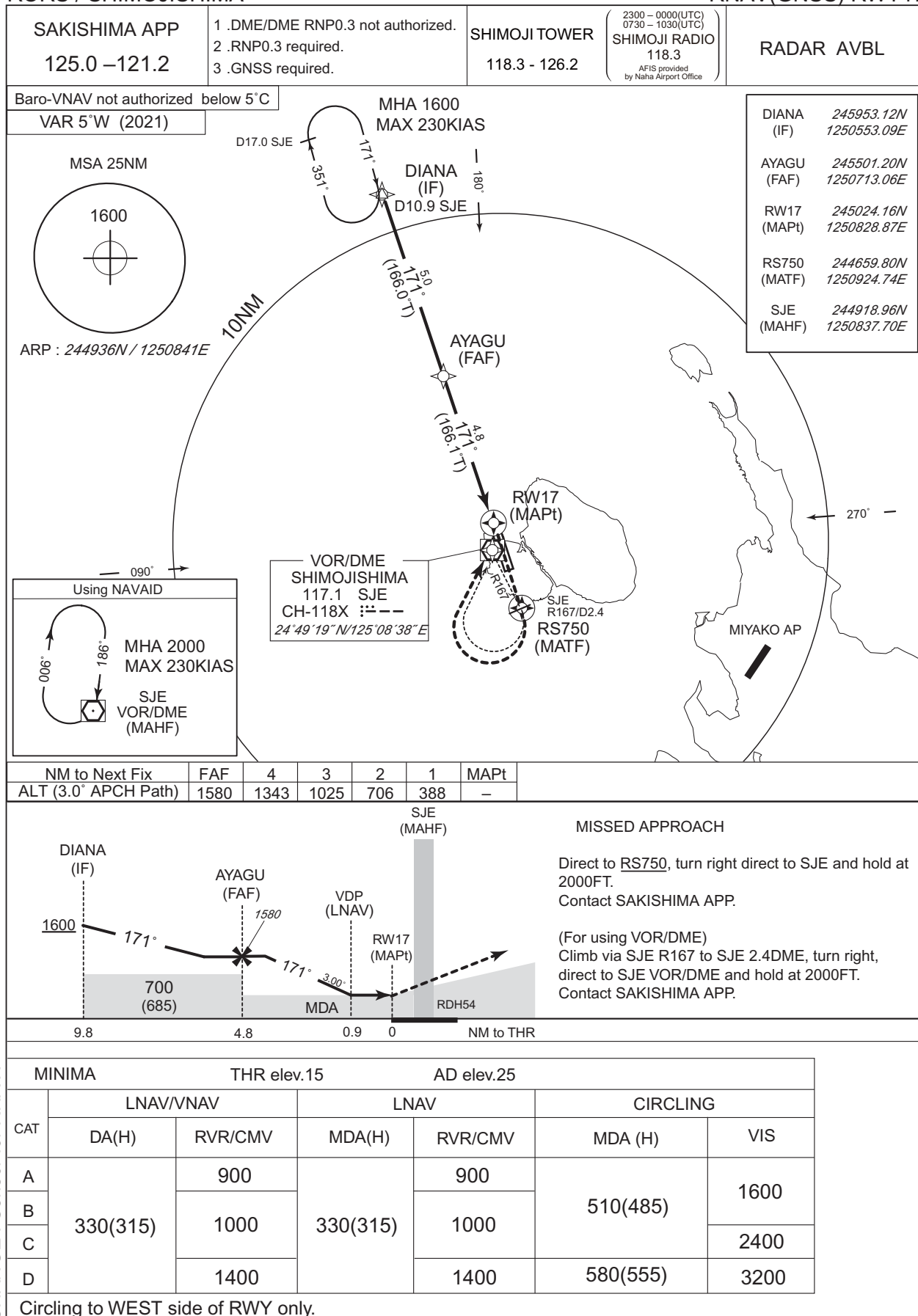


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

RNAV(GNSS) RWY17

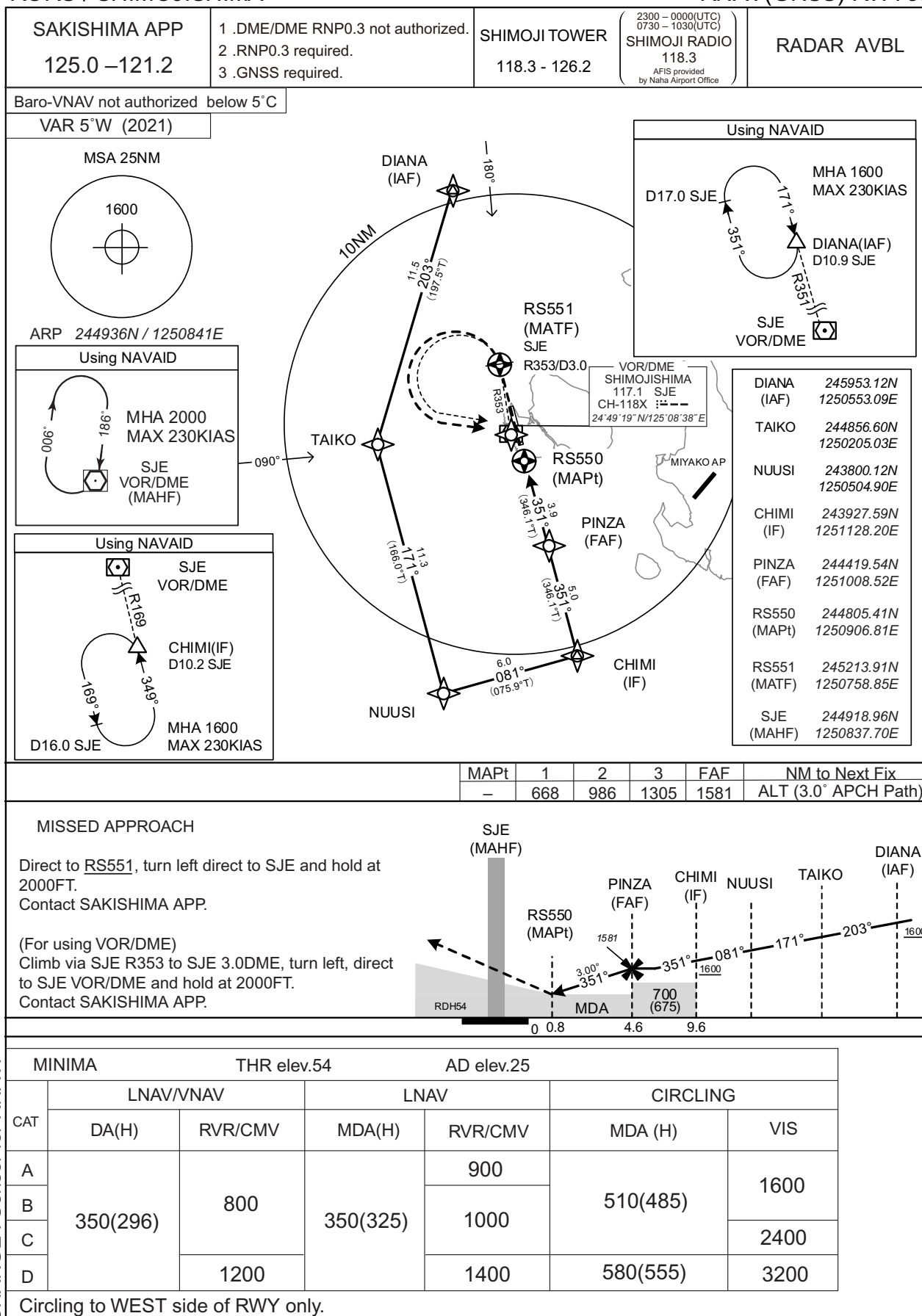


CHANGE : Sensor for RNAV.

INSTRUMENT APPROACH CHART

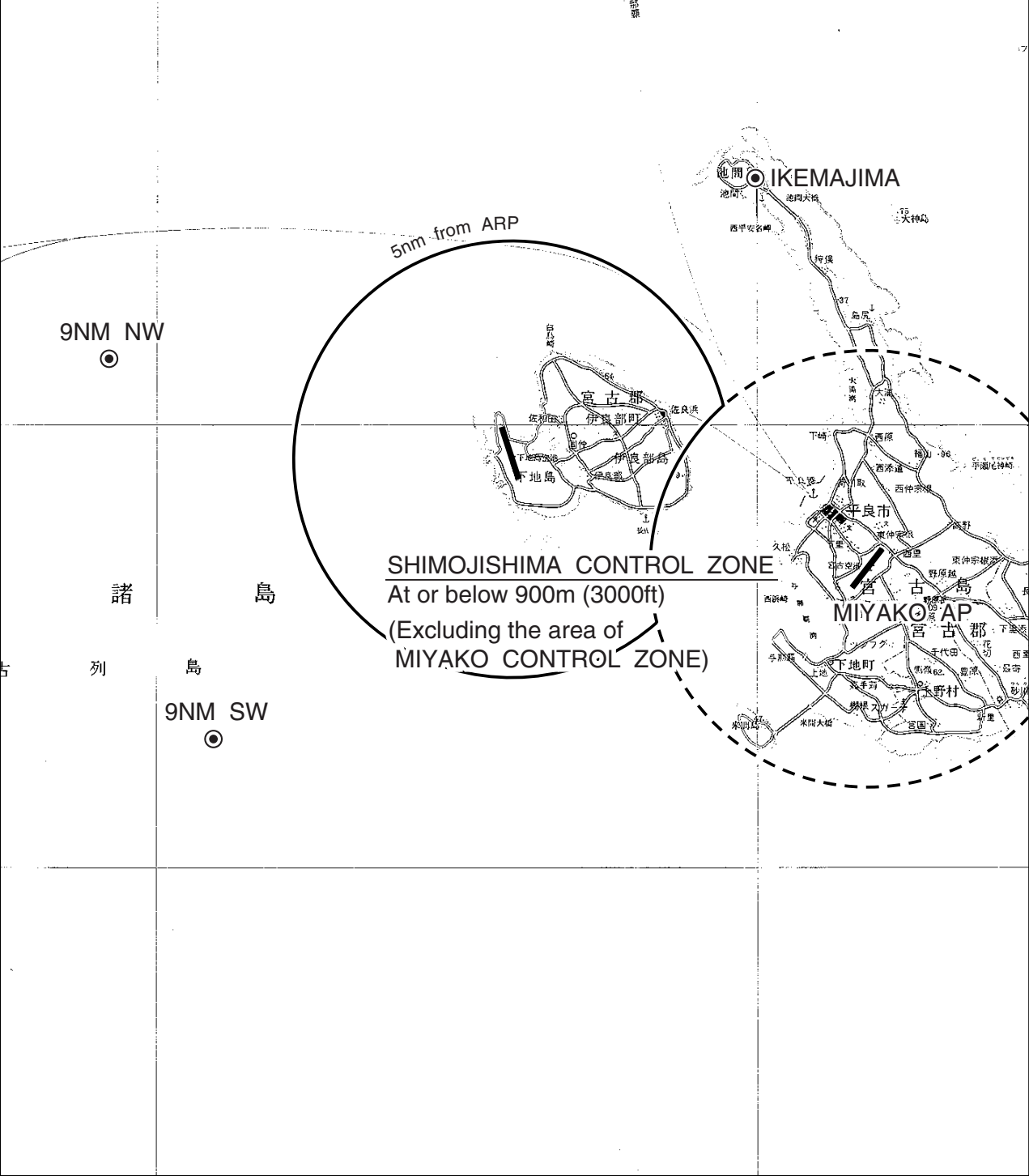
RORS / SHIMOJISHIMA

RNAV(GNSS) RWY35



CHANGE : Sensor for RNAV.

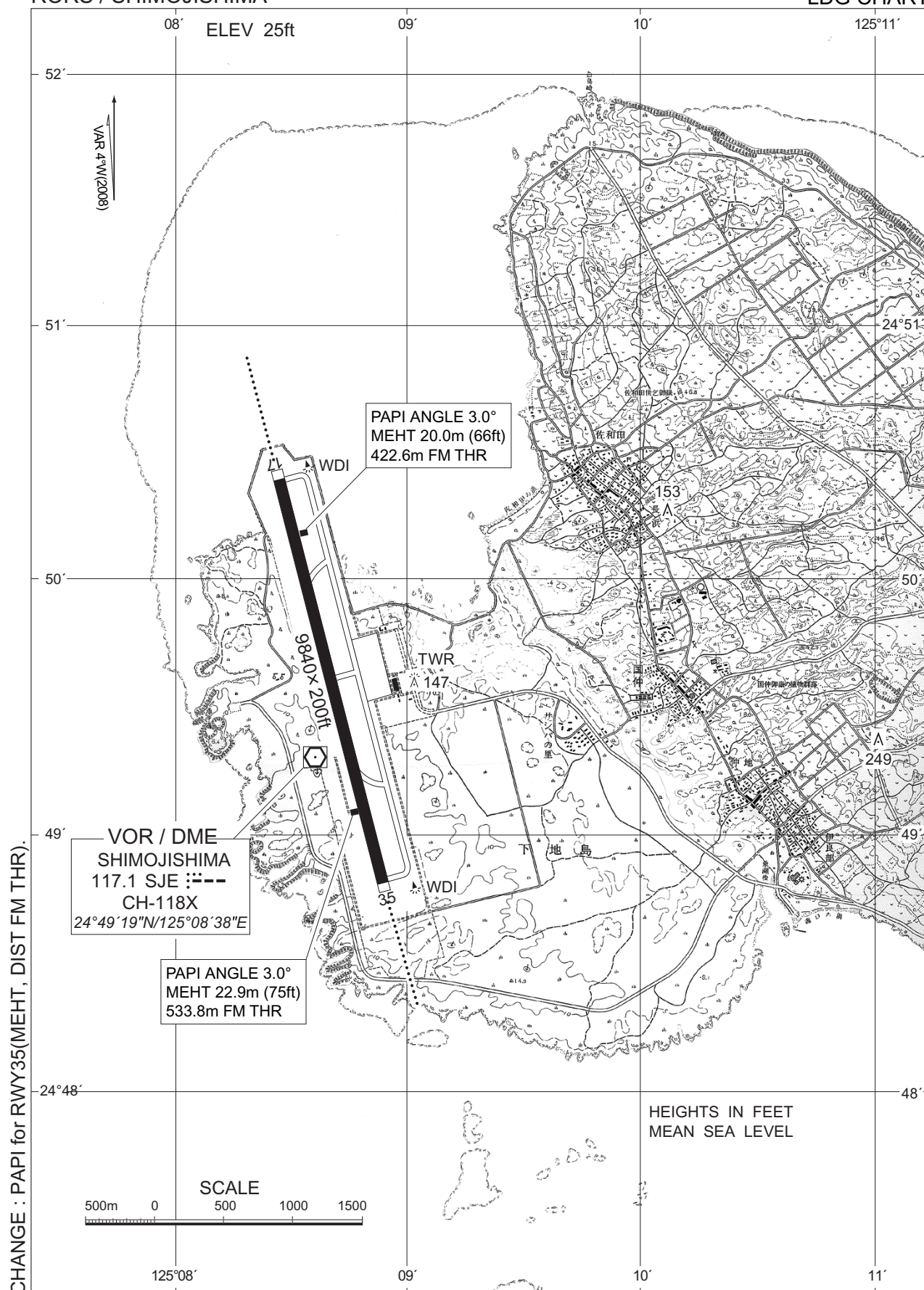
RORS SHIMOJISHIMA Visual REP



Call sign	BRG / DIST from ARP	Remarks
池間島 Ikemajima	045° / 9NM	島 Island
9NM NW	290° / 9NM	海上 Over the sea
9NM SW	230° / 9NM	海上 Over the sea

RORS / SHIMOJISHIMA

LDG CHART

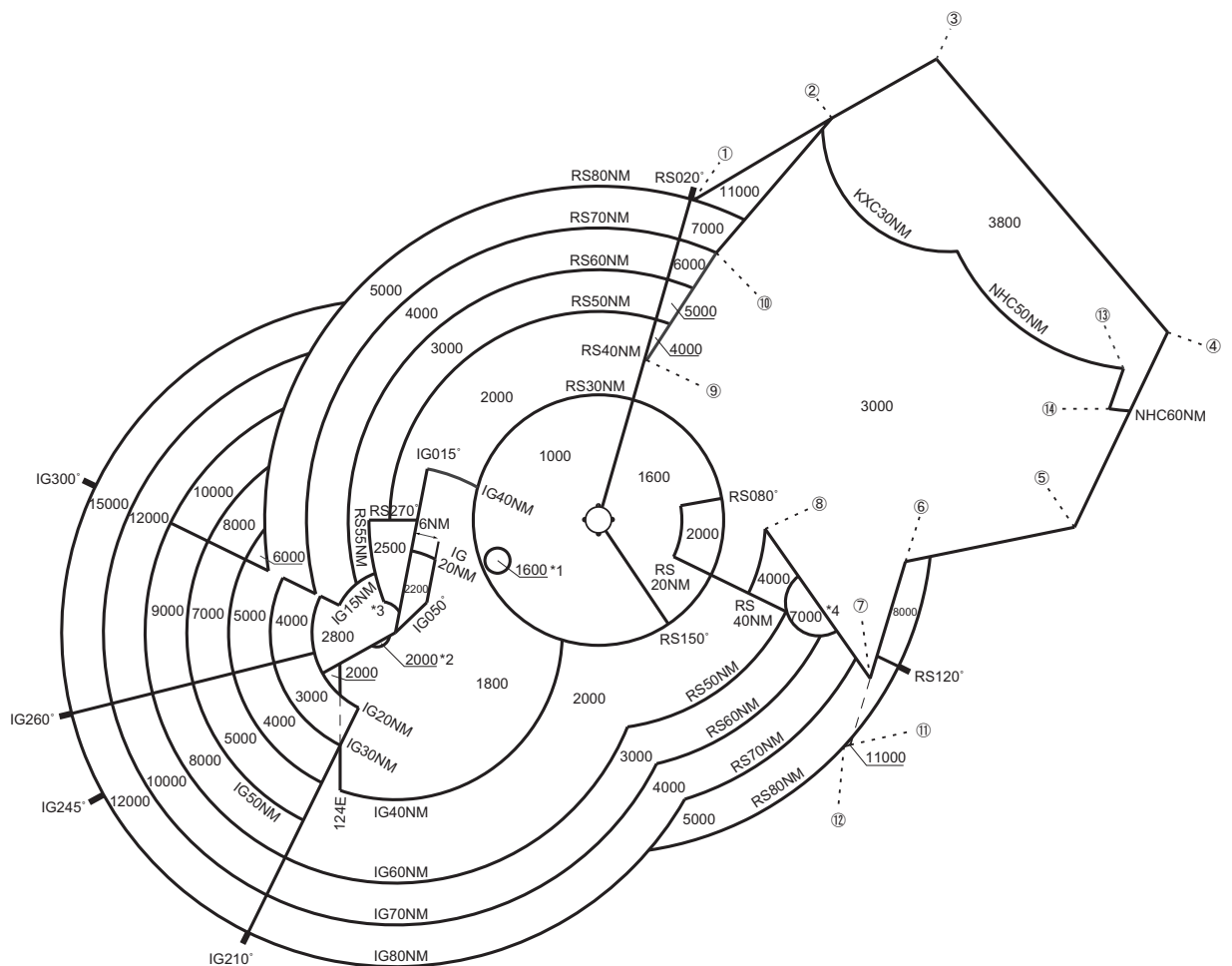


RORS / SHIMOJISHIMA

Minimum Vectoring Altitude CHART

CHANGE : Update(BTN RS020° and RS150°).

VAR 4°W (2013)



- ① 260606N/1253511E
- ② 262504N/1261226E
- ③ 263831N/1264046E
- ④ 253118N/1273951E
- ⑤ 244518N/1271337E
- ⑥ 243809N/1262857E
- ⑦ 241018N/1261859E
- ⑧ 244643N/1255220E
- ⑨ 252751N/1252151E
- ⑩ 255321N/1254054E
- ⑪ 235438N/1261324E
- ⑫ 235414N/1261156E
- ⑬ 252316N/1272802E
- ⑭ 251400N/1272404E

CENTER : 244938N/1250827E (RORS RADAR SITE)
CENTER : 242310N/1241441E (ROIG RADAR SITE)

- *1 : 244015N/1244143E RADIUS : 3NM
- *2 : 242248N/1240952E RADIUS : 3NM
- *3 : 242538N/1241100E RADIUS : 5NM
- *4 : 242850N/1260600E RADIUS : 8NM