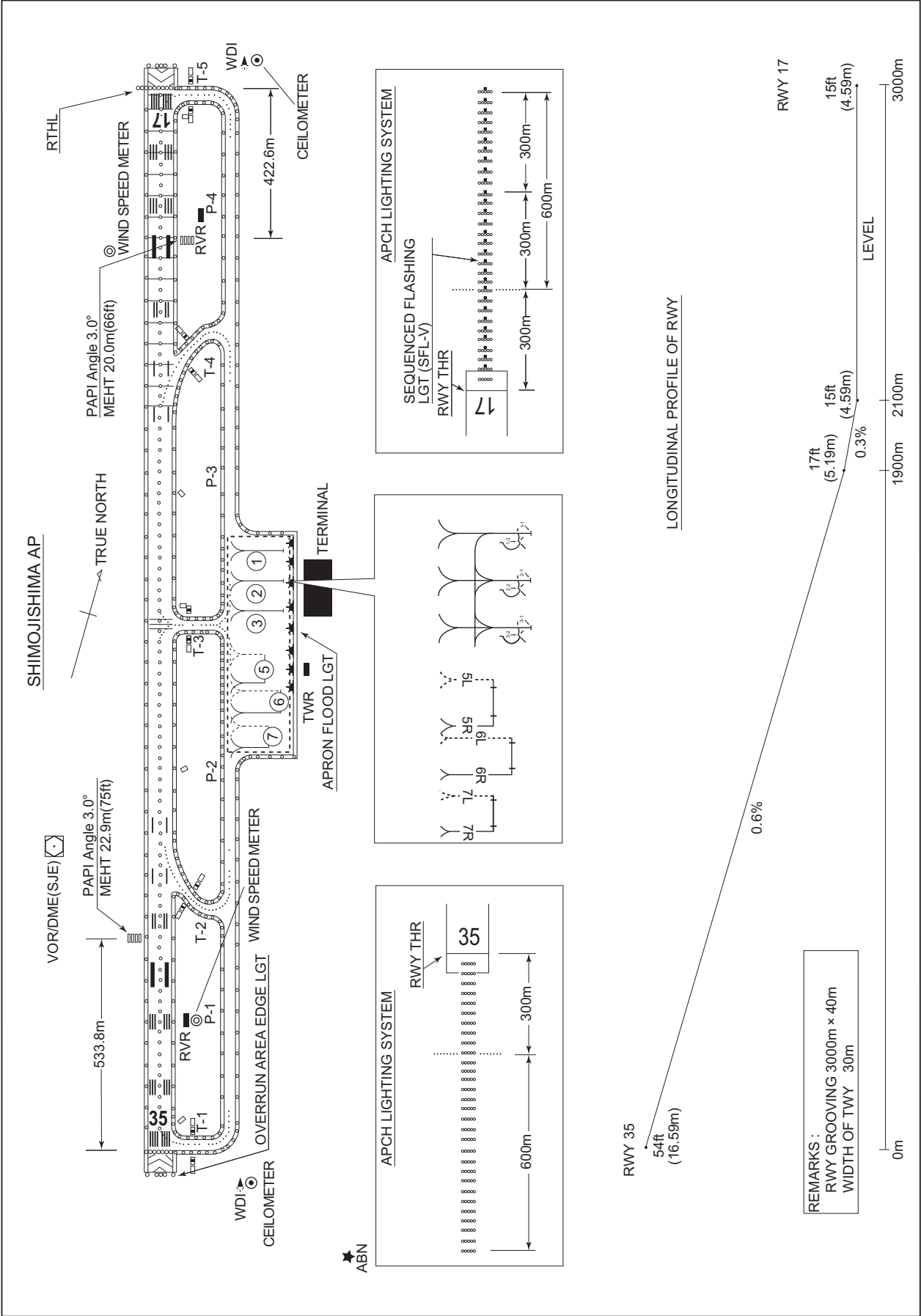


RORS / SHIMOJISHIMA

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 ...

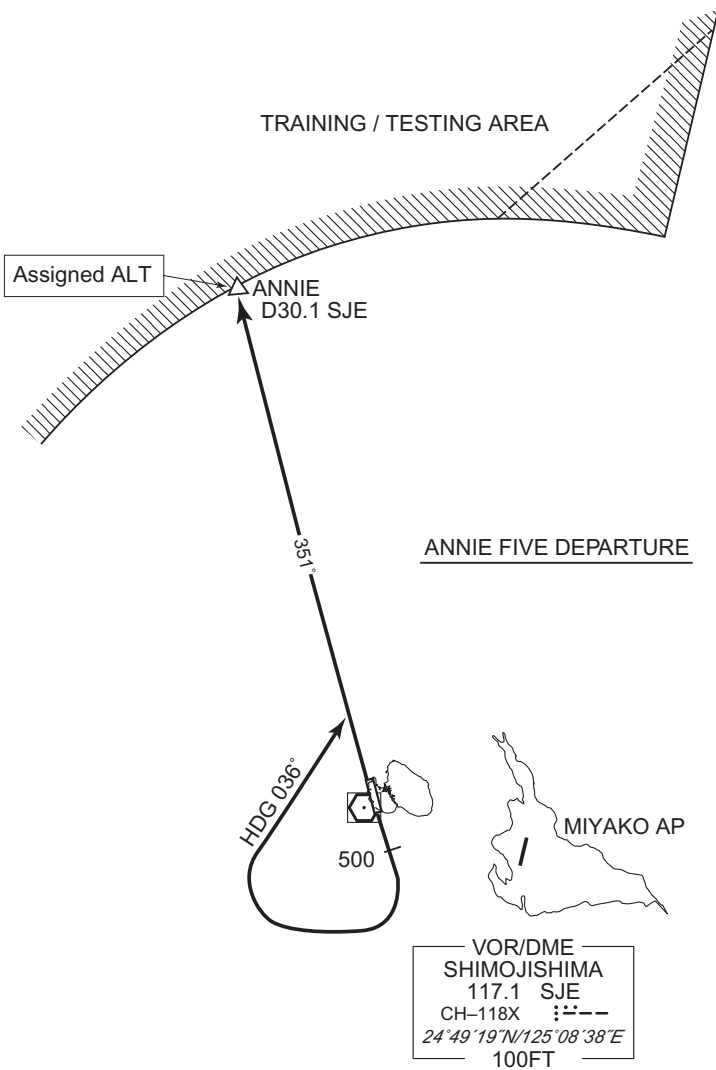
RWY35 : Climb ...

... 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,...

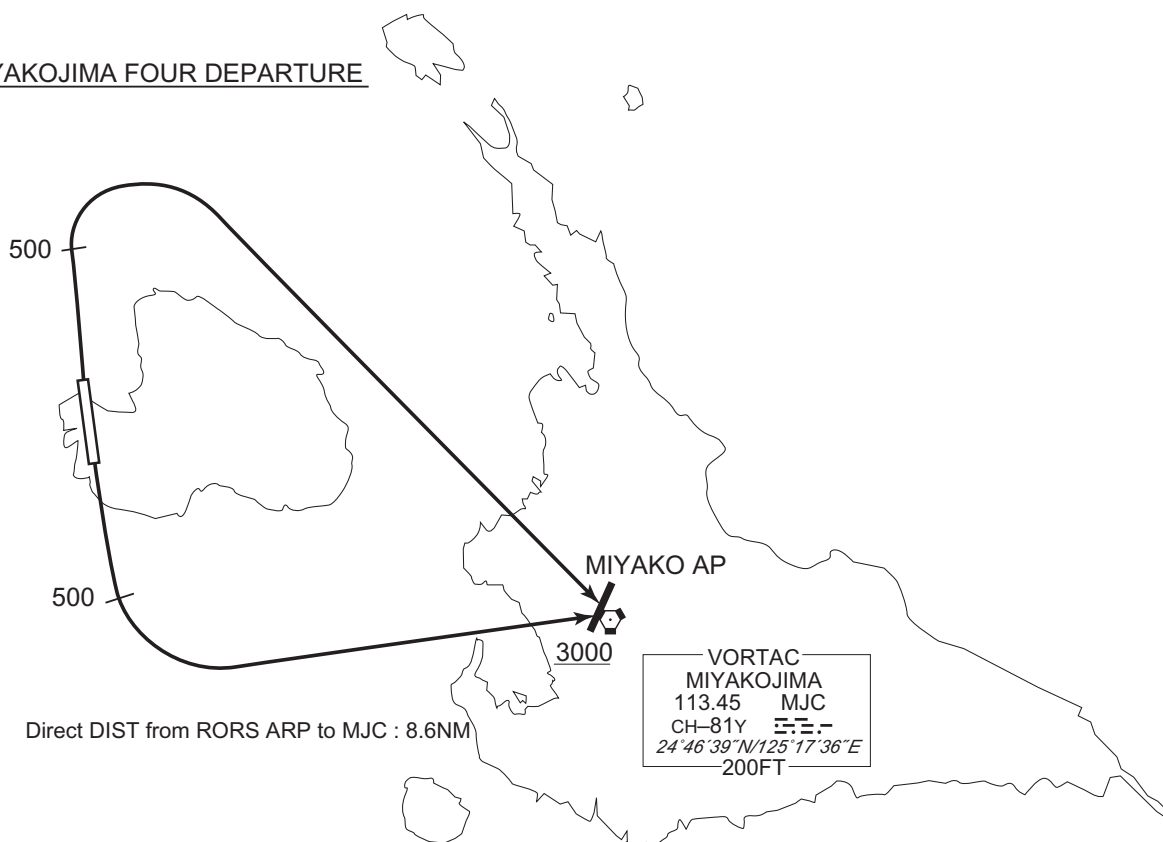
RWY35 : Climb RWY HDG to 500FT, turn right,...

...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

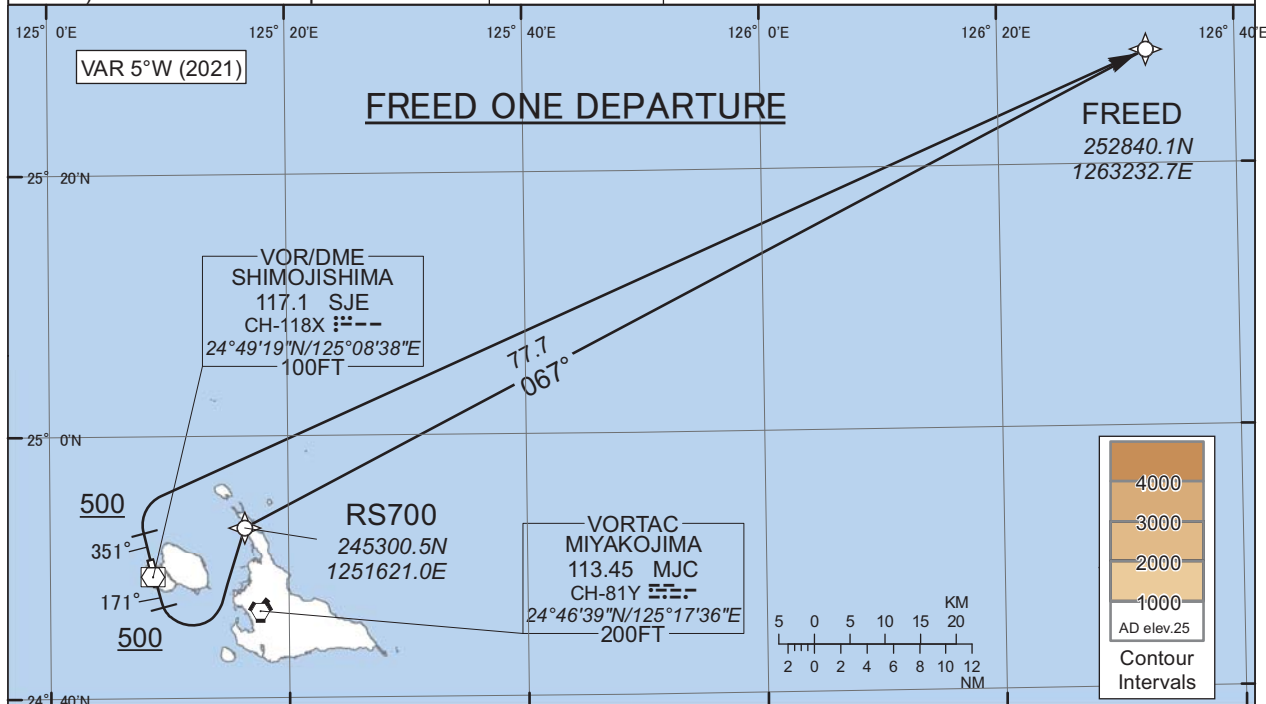
RNAV SID

FREED ONE DEPARTURE

RNAV1

Note 1) DME/DME/IRU or GNSS required.
 ※ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.
 2) RADAR service required.

Critical DME	RWY17/35 KXC : 9.2NM to FREED - FREED
DME GAP	RWY17/35 : DER - 9.2NM to FREED
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

FREED ONE 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	Waypoint 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	-	-	RNAV1
002	DF	RS700	-	-	-5.1	-	L	-	-	-	RNAV1
003	TF	FREED	-	067 (062.4)	-5.1	77.7	-	-	-	-	RNAV1

RWY35

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	VA	-	-	351 (346.1)	-5.1	-	-	+500	-	-	RNAV1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	RNAV1

CHANGE : New PROC.

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%

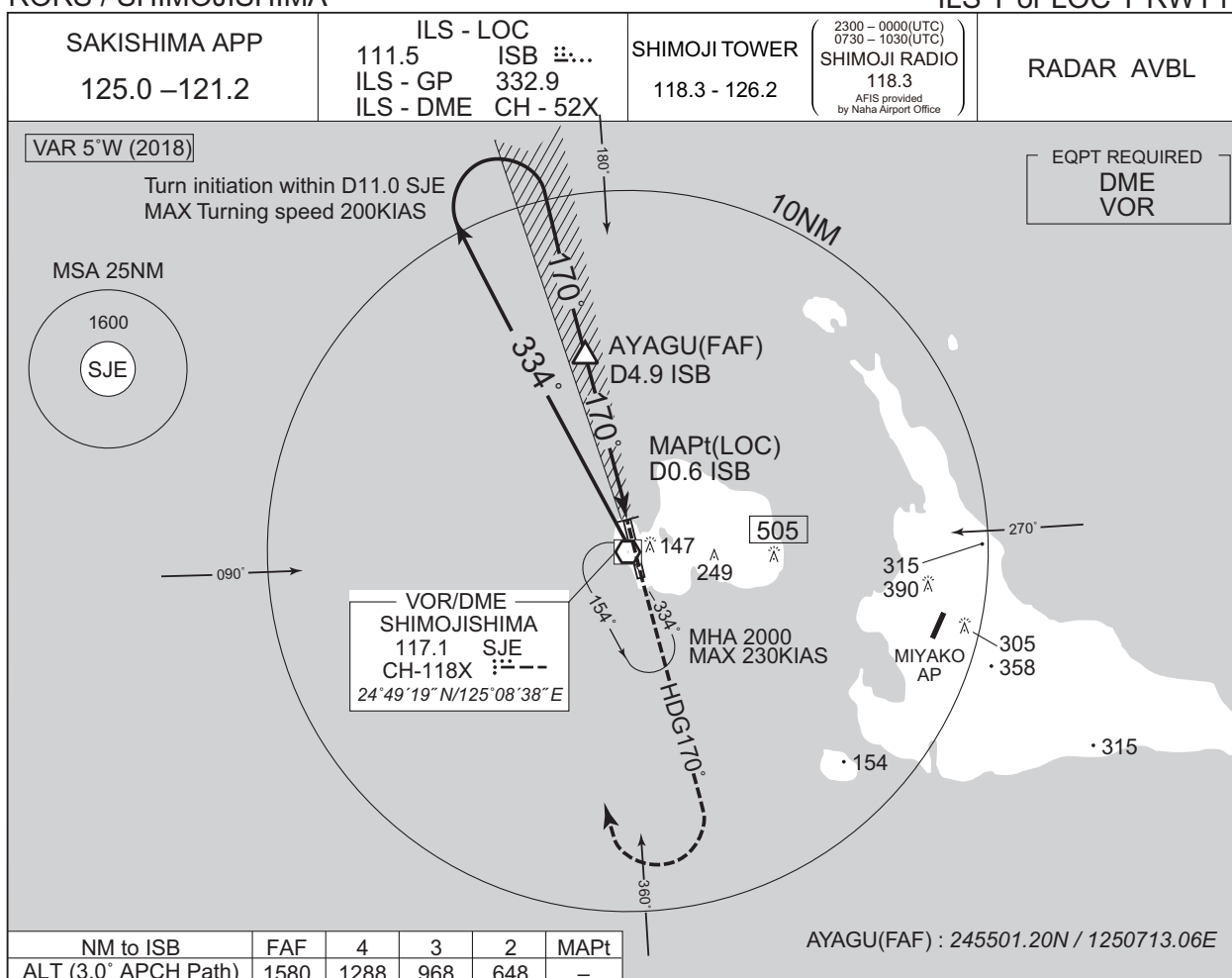
MINIMA							THR elev. 15		AD elev. 25	
CAT	CAT I		LOC		CIRCLING					
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS				
A	240 (225)	600	460 (445)	900	510 (485)	1600				
B				1000						
C					2400					
D				1400	580 (555)	3200				

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

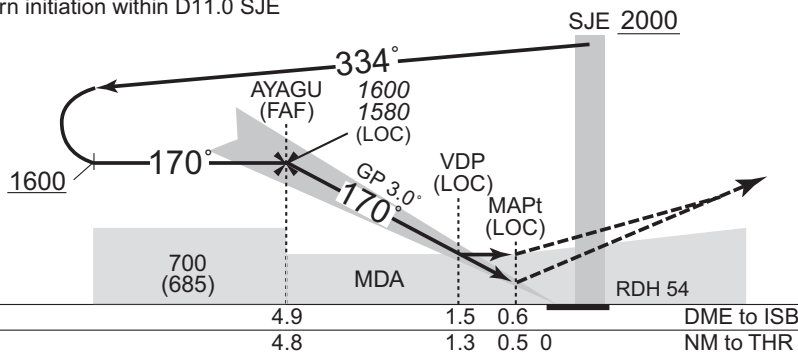
INSTRUMENT APPROACH CHART

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

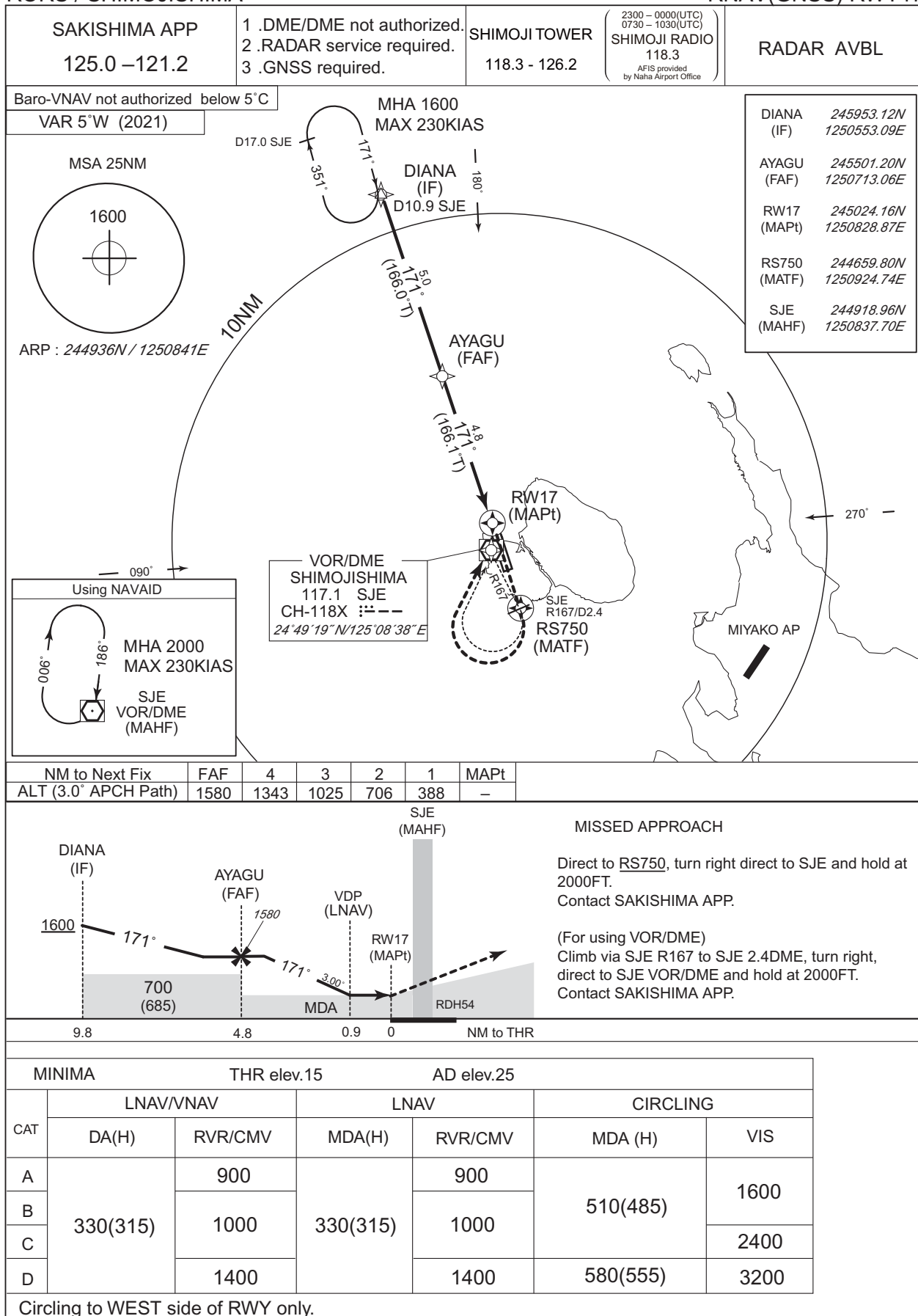


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

RNAV(GNSS) RWY17



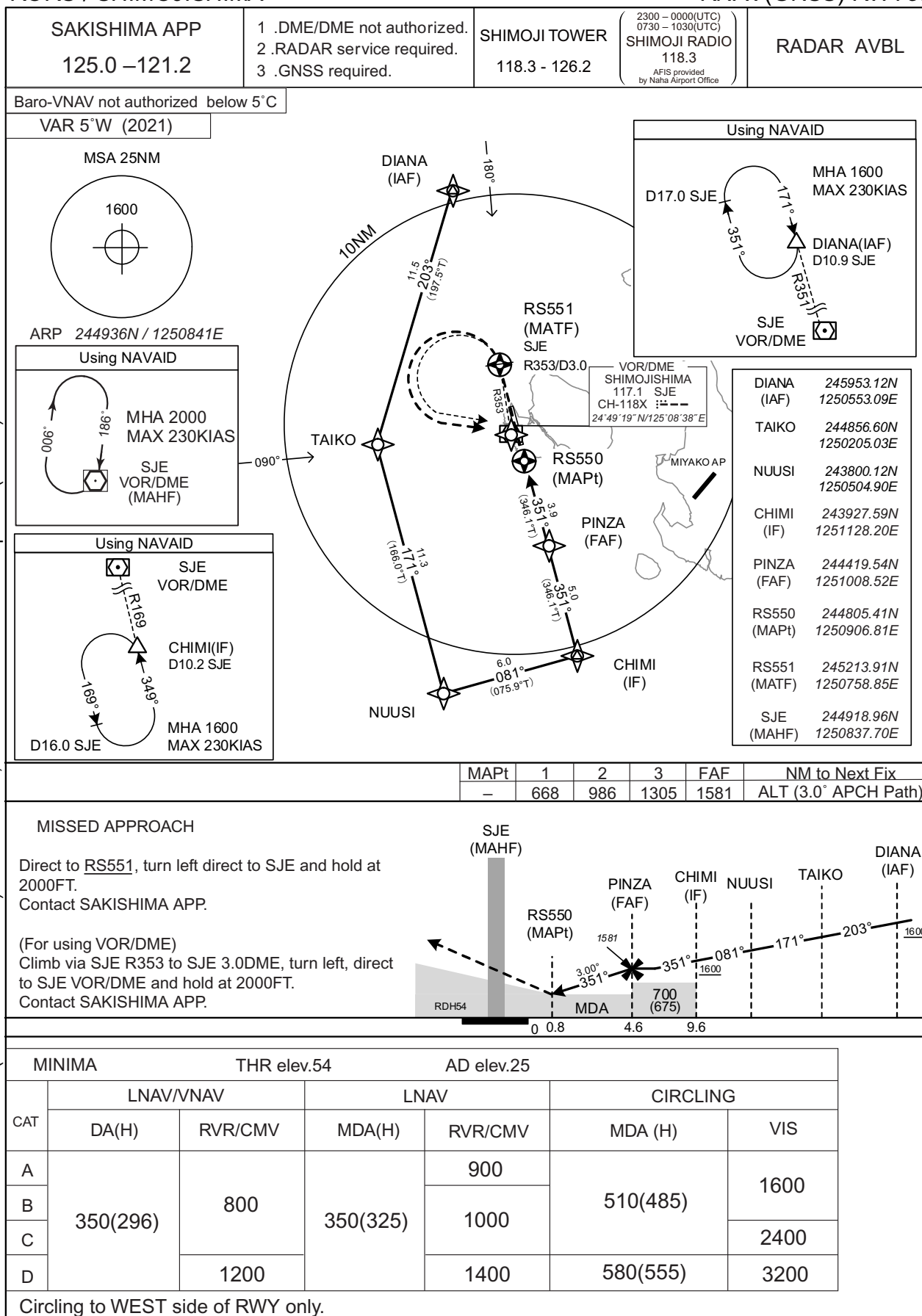
CHANGE : VAR.

INSTRUMENT APPROACH CHART

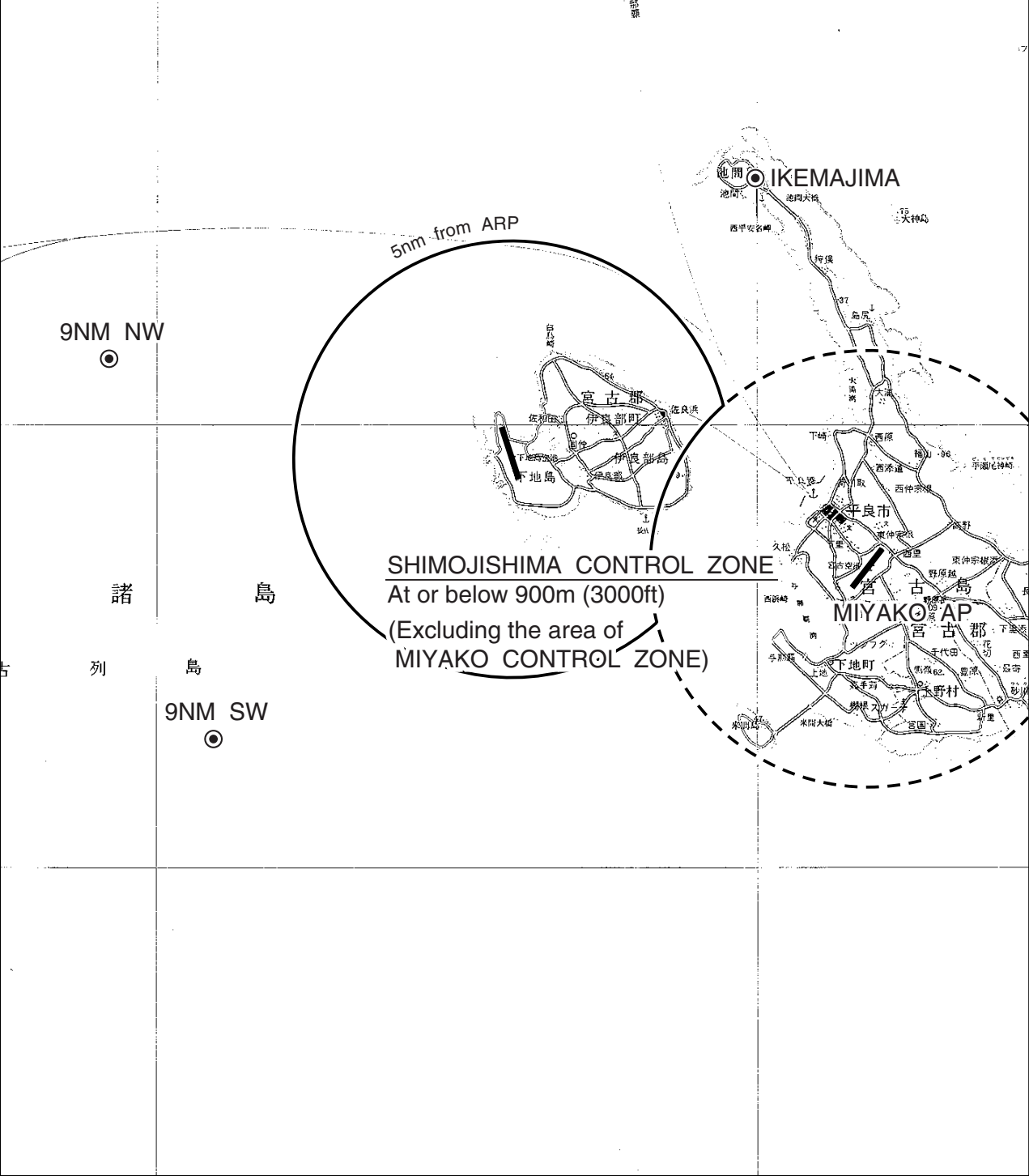
RORS / SHIMOJISHIMA

RNAV(GNSS) RWY35

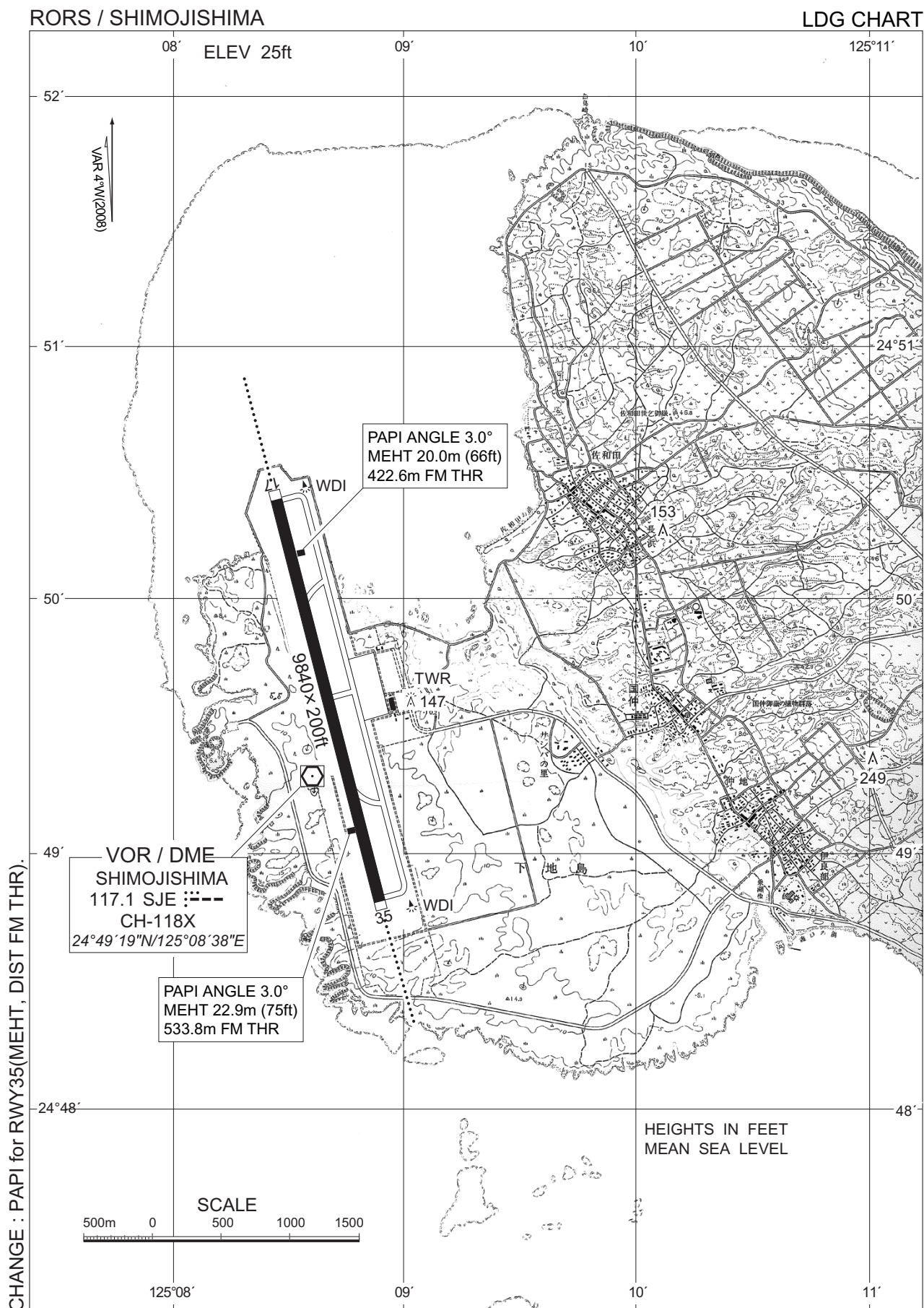
CHANGE : VAR. PROC course(FM DIANA to CHIMI) added. TAIKO, NUUSI established. HLDG pattern(DIANA) established.



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

Minimum Vectoring Altitude CHART

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

