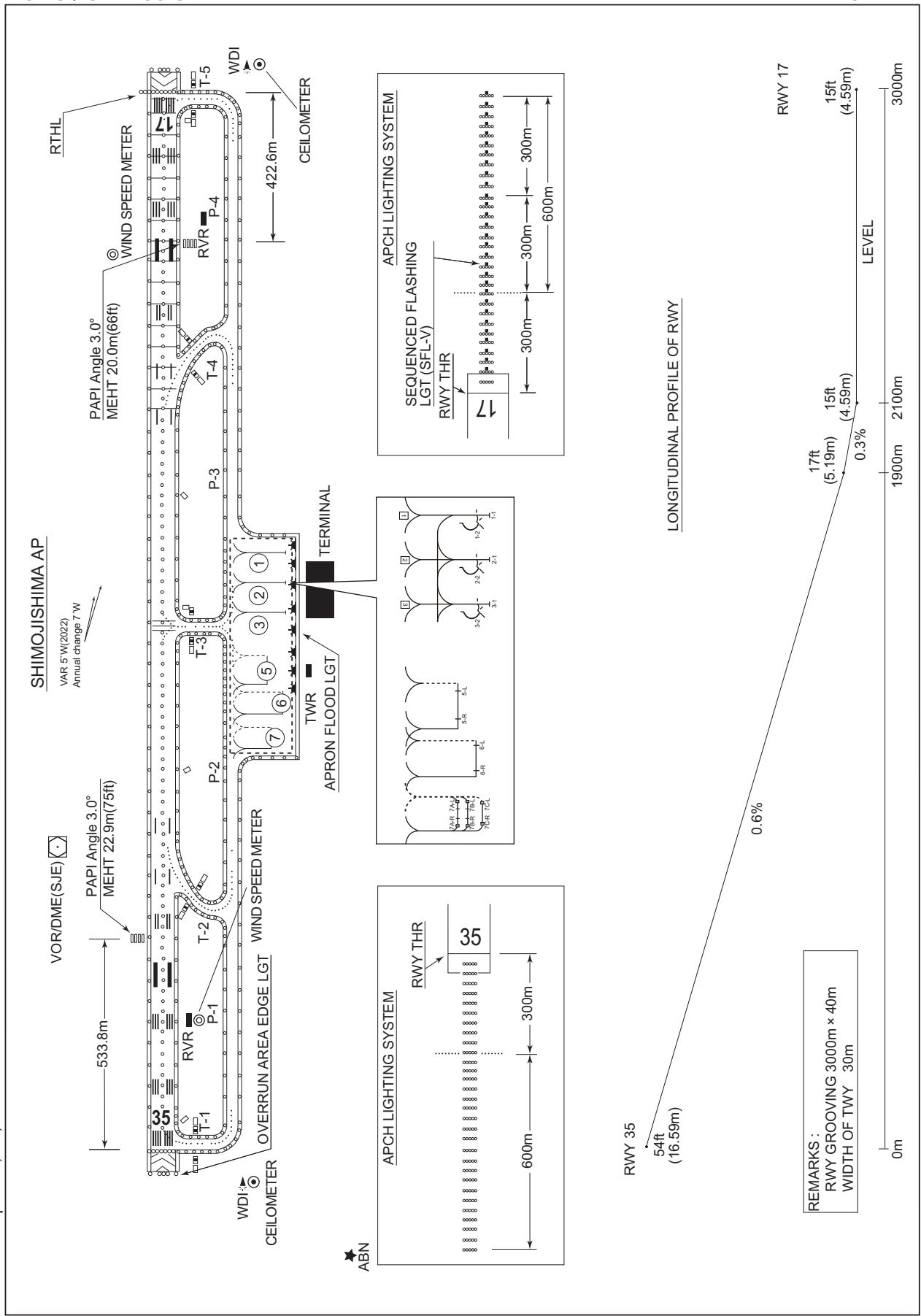


RORS / SHIMOJISHIMA

AD CHART

CHANGE : Spot 7A, 7B, 7C established.



STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

ANNIE SIX DEPARTURE

RWY17 : Climb RWY HDG to 500FT, turn right HDG037° to intercept and proceed ...

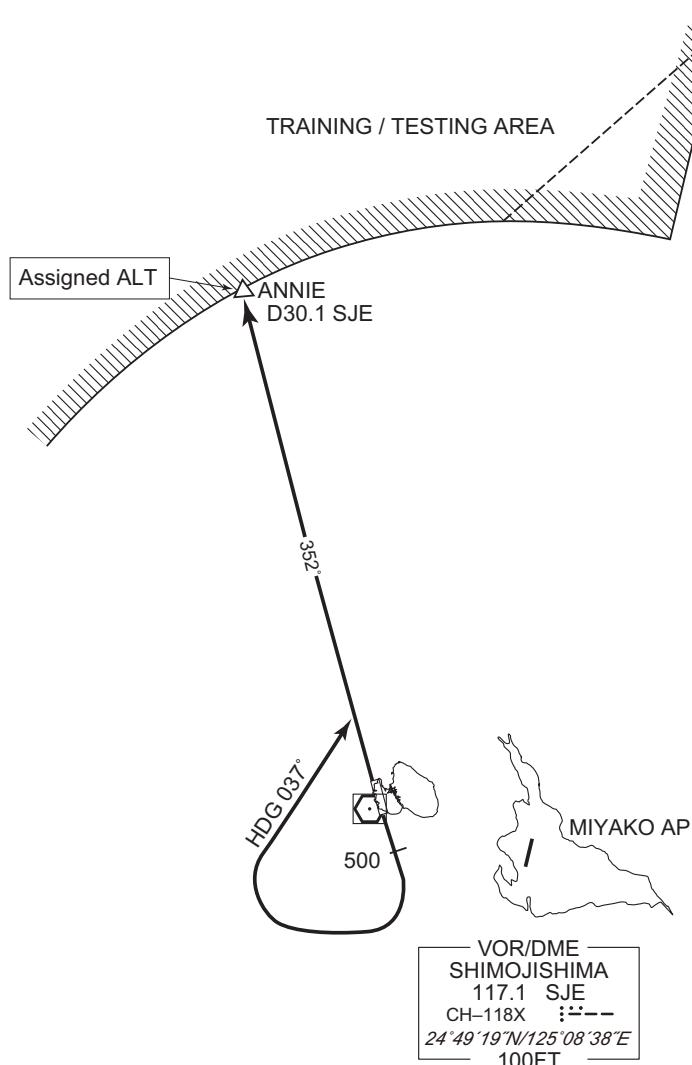
RWY35 : Climb ...

... via SJE R352 to ANNIE.

Cross ANNIE at assigned altitude.

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

OBST ALT 93FT located at 0.2NM 162° FM end of RWY17.



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

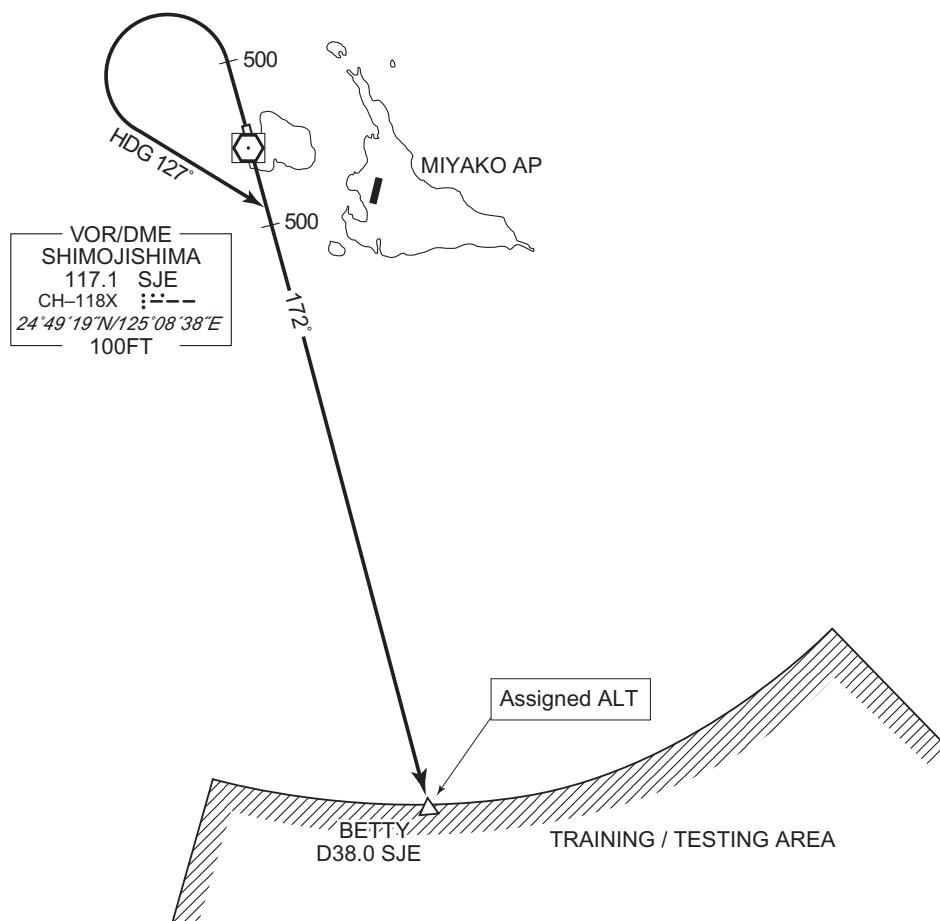
BETTY SIX DEPARTURE

RWY17 : Climb RWY HDG to 500FT ...

RWY35 : Climb RWY HDG to 500FT, turn left HDG 127° to intercept and proceed ...
... via SJE R172 to BETTY.
Cross BETTY at assigned altitude.

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

OBST ALT 93FT located at 0.2NM 162° FM end of RWY17.



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

MIYAKOJIMA FOUR DEPARTURE

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

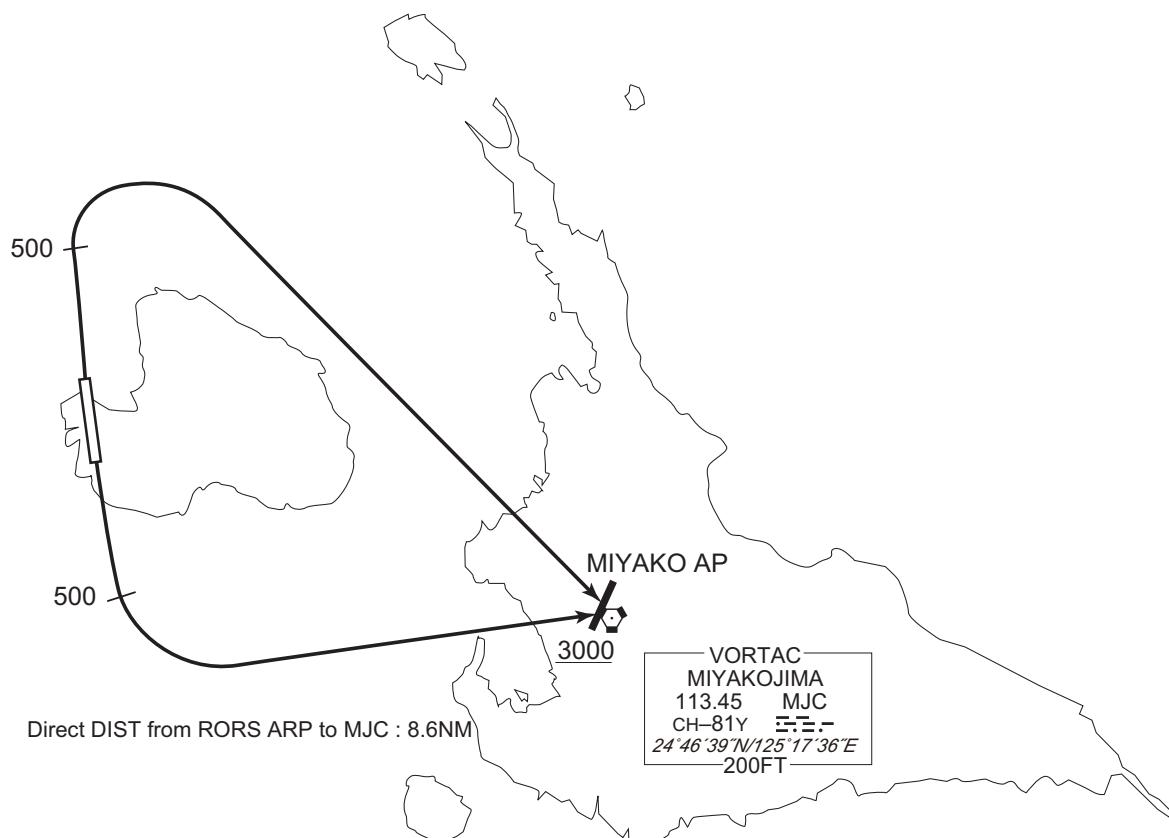
RWY35 : Climb RWY HDG to 500FT, turn right,...

...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 162° FM end of RWY17.

CHANGE : OBST.



Direct DIST from RORS ARP to MJC : 8.6NM

STANDARD DEPARTURE CHART - INSTRUMENT

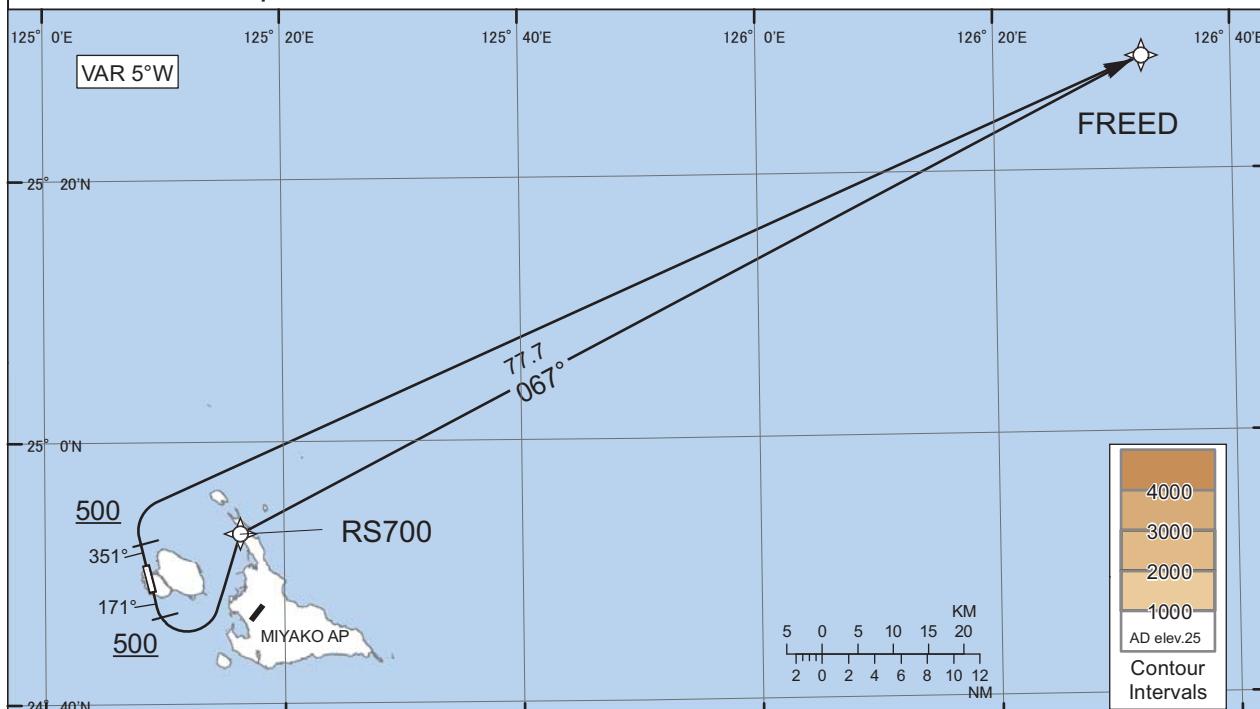
RORS / SHIMOJISHIMA

RNAV SID

FREED TWO DEPARTURE

RNP1

Note GNSS required.



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 162° 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	-	-	RNP1
002	DF	RS700	-	-	-5.1	-	L	-	-	-	RNP1
003	TF	FREED	-	067 (062.4)	-5.1	77.7	-	-	-	-	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	-	-	RNP1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
RS700	245300.5N / 1251621.0E
FREED	252840.1N / 1263232.7E

CHANGE : OBST. Waypoint Coordinates added.

STANDARD ARRIVAL CHART - INSTRUMENT

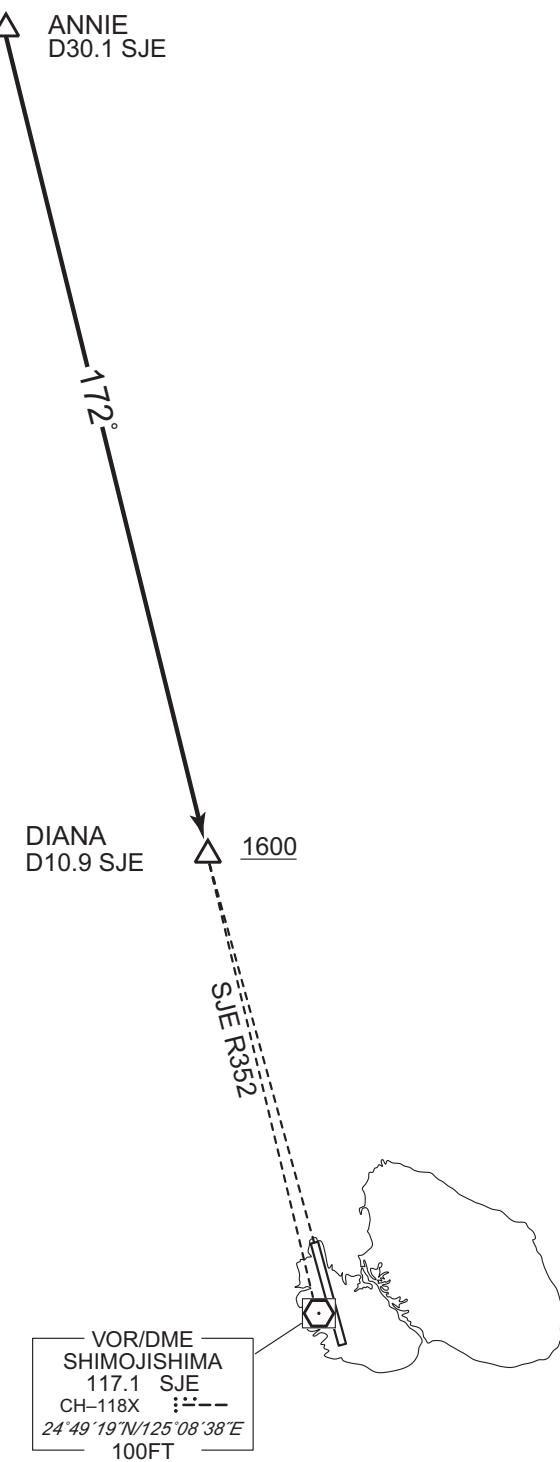
RORS / SHIMOJISHIMA

STAR

ANNIE ARRIVAL

From over ANNIE, proceed via SJE R352 to DIANA.
Cross DIANA at or above 1600FT.

CHANGE : PROC course.



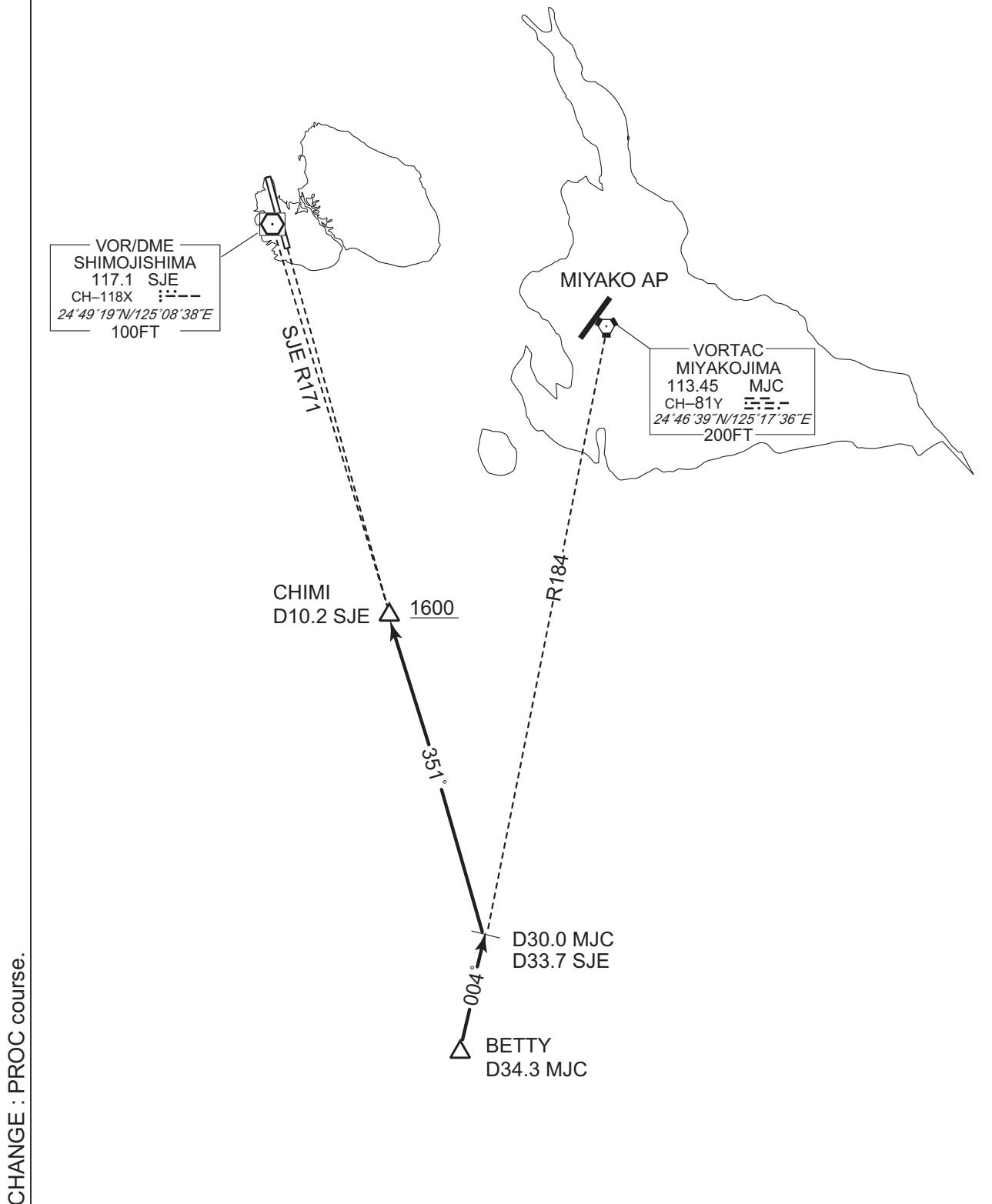
STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

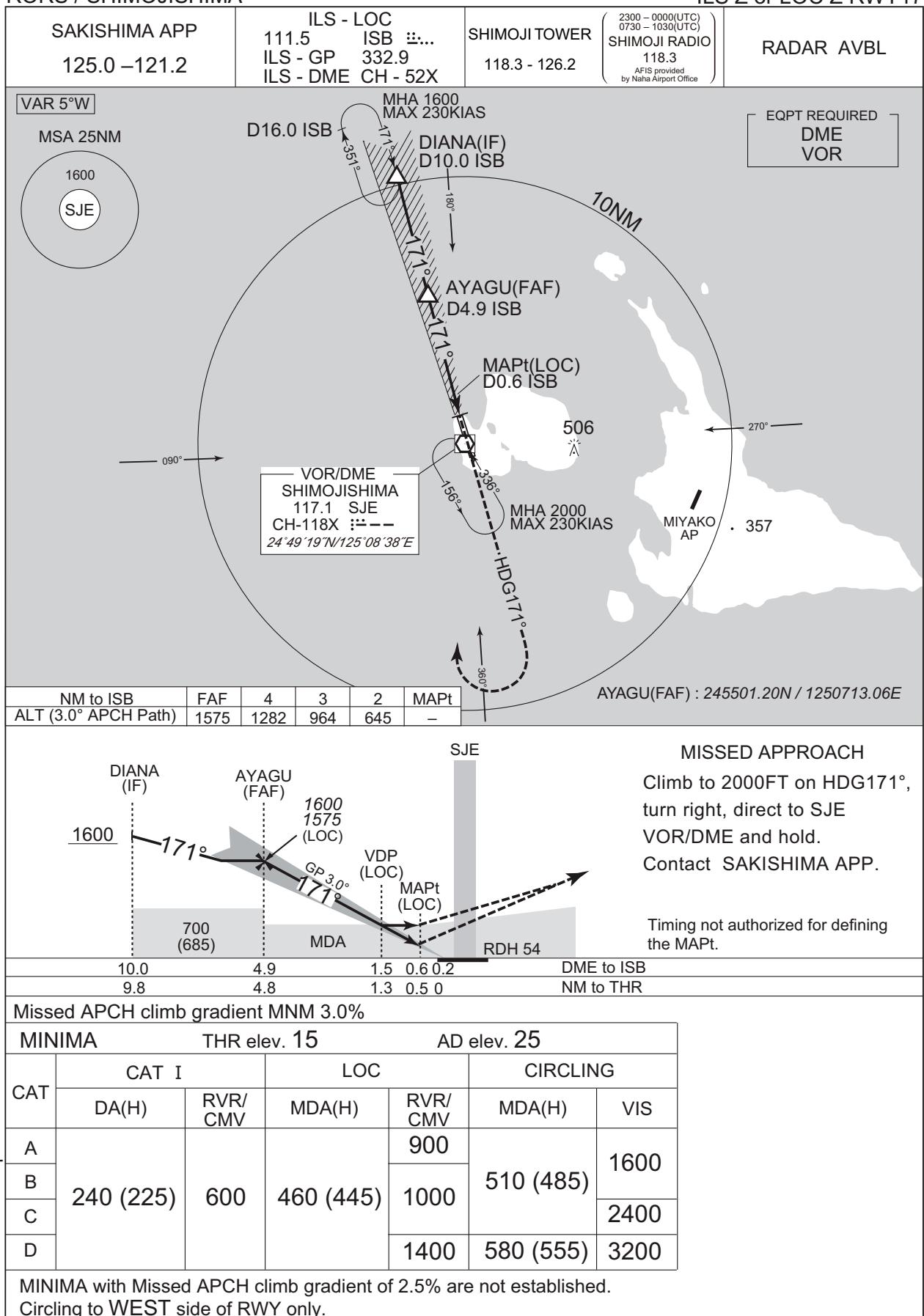
BETTY ARRIVAL

From over BETTY, proceed via MJC R184 to intercept and proceed via SJE R171 to CHIMI.
 Cross CHIMI at or above 1600FT.



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

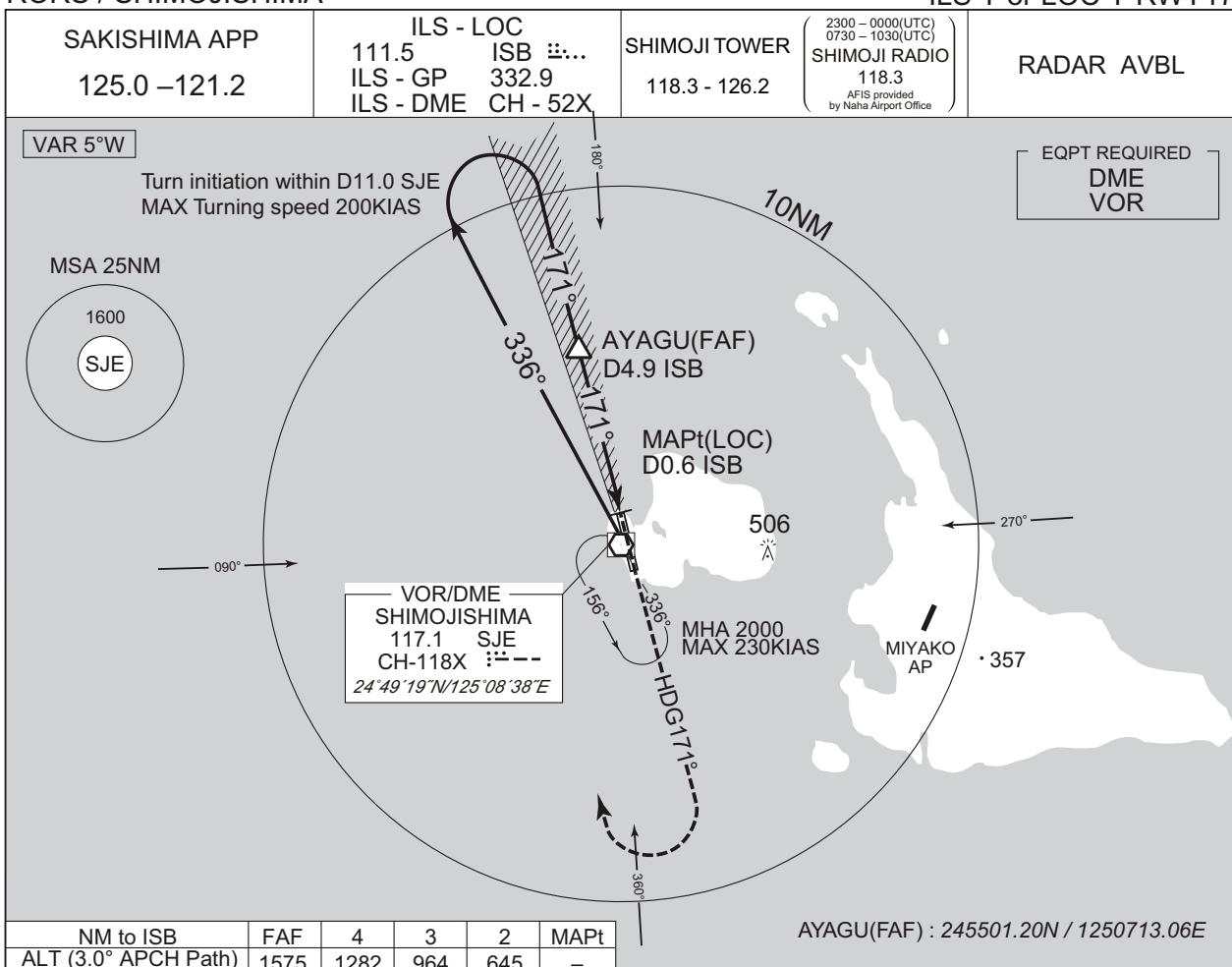


CHANGE : HDG pattern at SJE

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

ILS Y or LOC Y RWY17



Turn initiation within D11.0 SJE

SJE 2000

MISSSED APPROACH

Climb to 2000FT on HDG171°
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%

MDA 4.9 1.5 0.6 0.2 DME to ISB

700 (685) MDA RDH 54

4.8 1.3 0.5 0 NM to THR

GP 3.0°

AYAGU (FAF)

1600 1575 (LOC)

VDP (LOC)

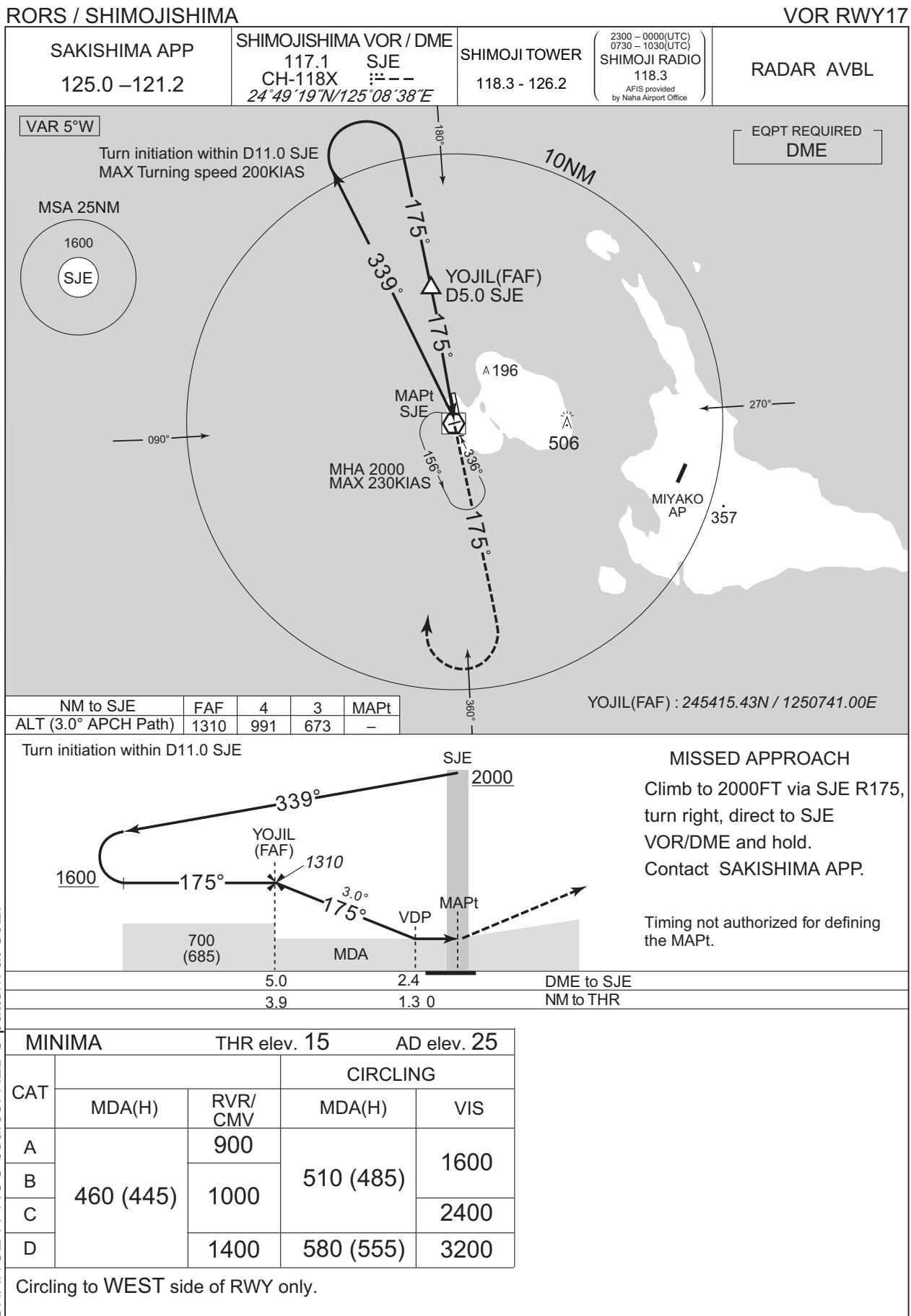
MAPt (LOC)

CHANGE : PROC course, HDG pattern at SJE.

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

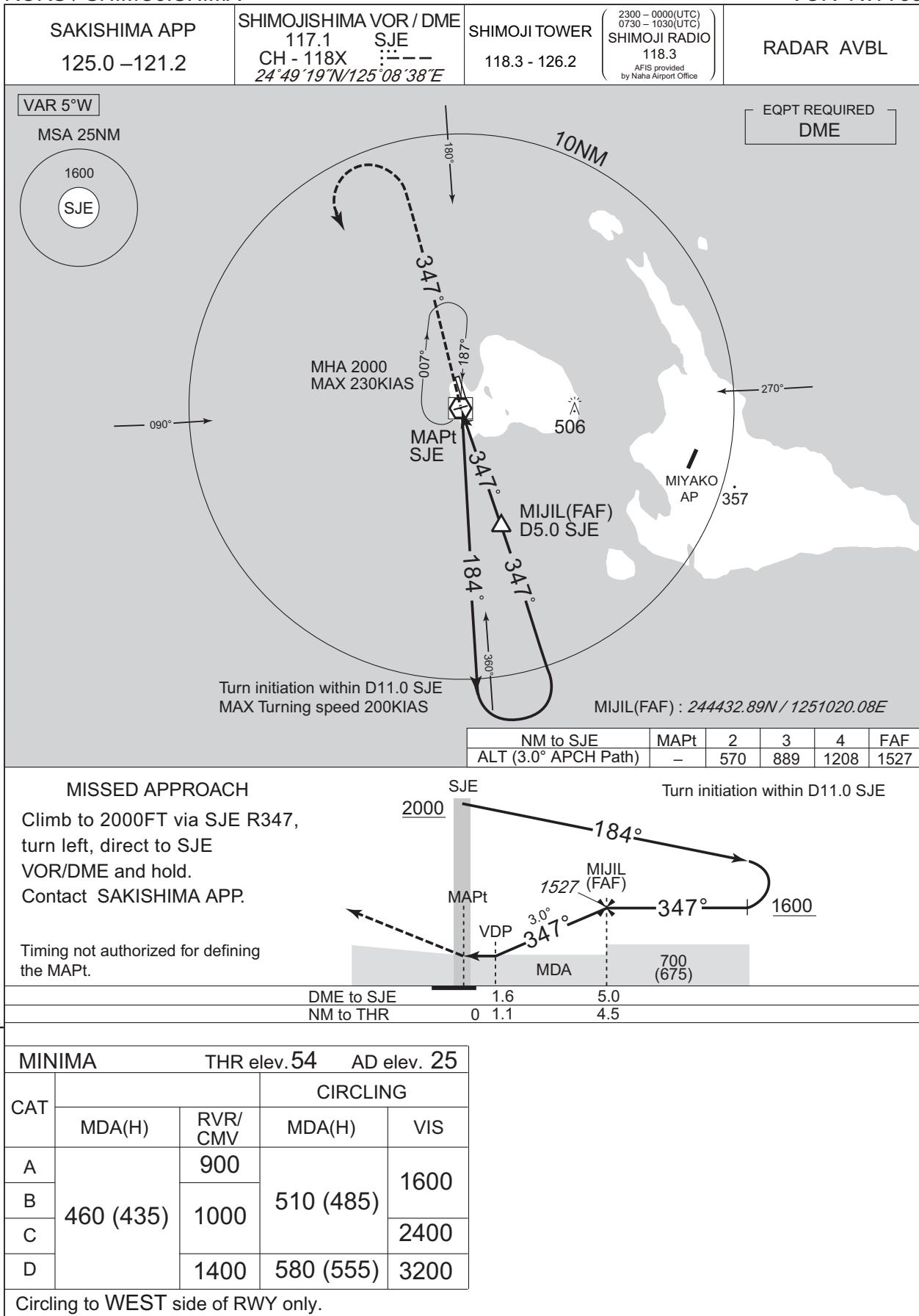
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

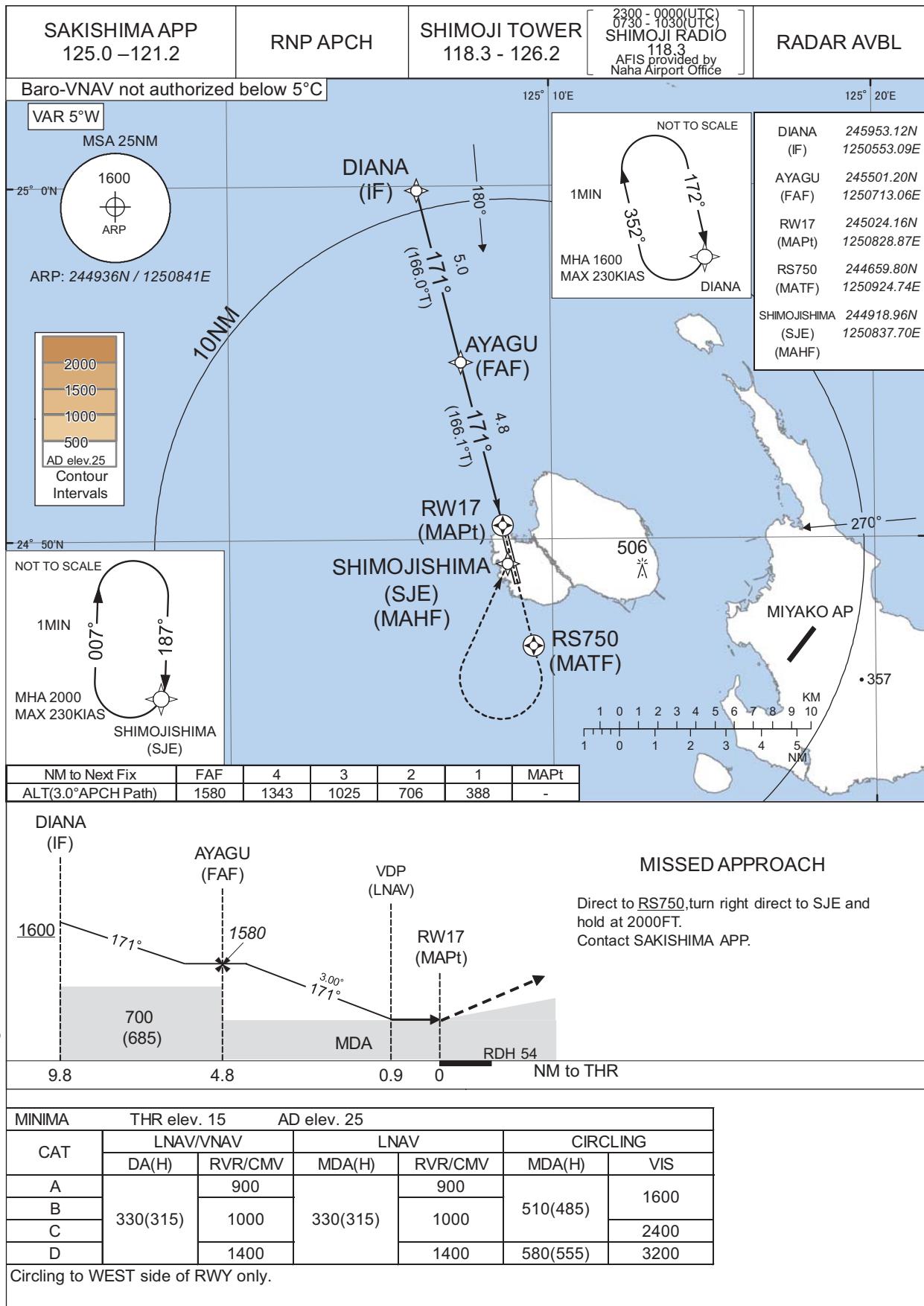
VOR RWY35



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

RNP RWY17



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

RNP RWY35

SAKISHIMA APP
125.0 – 121.2

RNP APCH

SHIMOJI TOWER
118.3 - 126.2

2300 - 0000(UTC)
0730 - 1030(UTC)
SHIMOJI RADIO
118.3
AFIS provided by
Naha Airport Office

RADAR AVBL

Baro-VNAV not authorized below 5°C

VAR 5°W

MSA 25NM
1600 ARP
ARP: 244936N / 1250841E
KM
1 0 1 2 3 4 5 6 7 8 9 10
1 0 1 2 3 4 5 6 7 8 9 10 NM

TAIKO

NOT TO SCALE
1MIN
352° 172° DIANA (IAF)

SHIMOJISHIMA (SJE) (MAHF)

RS551 (MATF)
203° (197.5°)
11.5° (166.0°T)

RS550 (MAPt)
3.9° (346.1°T)
351° (346.1°T)

PINZA (FAF)
5.0° (346.1°T)
351° (346.1°T)

NUUSI
6.0° (075.9°T)
081° (075.9°T)

CHIMI (IF)
351° (346.1°T)

MIYAKO AP

NOT TO SCALE
1MIN
200° 187° SHIMOJISHIMA (SJE)

CHIMI
351° 171° NOT TO SCALE

MHA 1600 MAX 230KIAS
MHA 2000 MAX 230KIAS

Contour Intervals
2000
1500
1000
500
AD elev.25

NOT TO SCALE
1MIN
351° 171° MHA 1600 MAX 230KIAS

DIANA (IAF)
245953.12N
1250553.09E

TAIKO
244856.60N
1250205.03E

NUUSI
243800.12N
1250504.90E

CHIMI (IF)
243927.59N
1251128.20E

PINZA (FAF)
244419.54N
1251008.52E

RS550 (MAPt)
244805.41N
1250906.81E

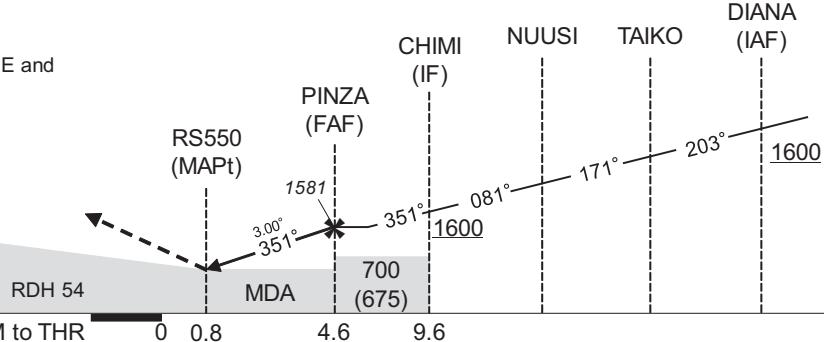
RS551 (MATF)
245213.91N
1250758.85E

SHIMOJISHIMA (SJE) (MAHF)
244918.96N
1250837.70E

MAPt	1	2	3	FAF	NM to Next Fix
	668	986	1205	1584	ALT 2.0°APCH Path

MISSED APPROACH

Direct to RS551, turn left direct to SJE and hold at 2000FT.
Contact SAKISHIMA APP.



MINIMA		THR elev. 54	AD elev. 25			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	350(296)	800	350(325)	900	510(485)	1600
B				1000		2400
C				1400	580(555)	3200
D		1200				

Circling to WEST side of RWY only.

CHANGE : Missed APCH for using VOR/DME abolished.

RORS / SHIMOJISHIMA

Visual REP

VAR 5°W(2022) / 7°W

SHIMOJI TOWER
118.3 - 126.2

SHIMOJISHIMA CONTROL ZONE

At or below 3000FT

(Excluding the area of MIYAKO CONTROL ZONE)

9NM NW

5NM from ARP

9NM SW



Webメルカトル図法(球体補正) / Web Mercator projection

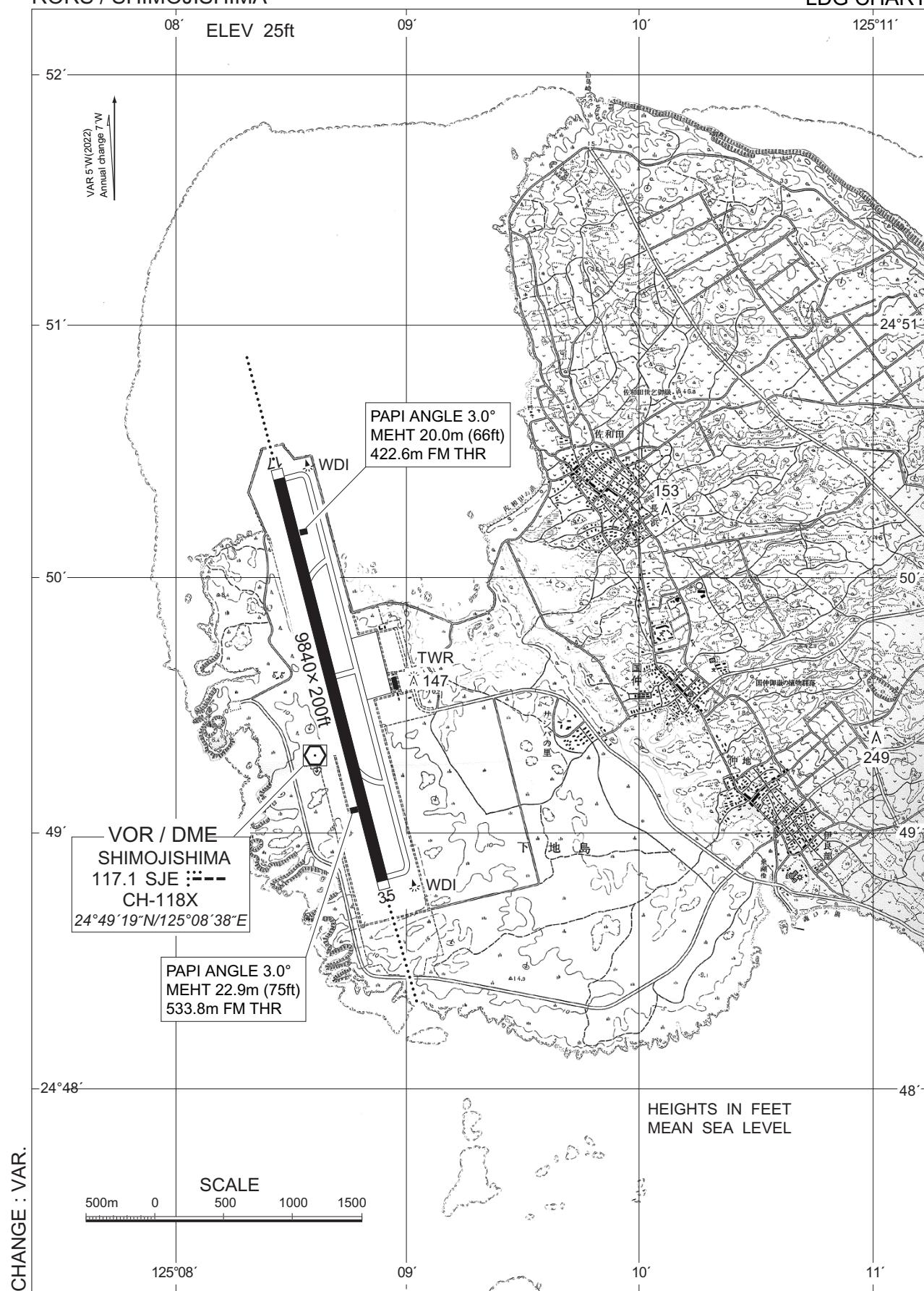
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
池間島 Ikemajima	040°T / 8.2NM	島 Island
9NM NW	290°T / 9.0NM	海上 Over the sea
9NM SW	230°T / 9.0NM	海上 Over the sea

RORS / SHIMOJISHIMA

LDG CHART



RORS / SHIMOJISHIMA

Minimum Vectoring Altitude CHART

