

## AD CHART

**SHIMOJISHIMA AP**

VOR/DME(S/E) VAR 5°VI(2022)  
Annual change 7°W

PAPI Angle 3.0°  
MEHT 22.9m(75ft)

533.8m

RTHL

WIND SPEED METER

P-1 T-1 RVR P-1

T-2 P-2 T-2

WIND SPEED METER

OVERRUN AREA EDGE LGT

WDI CEILOMETER

WDI CEILOMETER

422.6m

P-3 T-3 RVR P-3

P-4 T-4 RVR P-4

WDI CEILOMETER

TERMINAL

TWR APRON FLOOD LGT

APCH LIGHTING SYSTEM

SEQUENCED FLASHING LGT (SFL-V)

RWY THR

17

300m 300m 300m 600m

APCH LIGHTING SYSTEM

RWY THR

35

600m 300m

Detailed description: This technical drawing illustrates the layout of Runway 17 at Shimojishima Airport. The runway is oriented vertically and features various lighting systems including VOR/DME, PAPI, MEHT, RTHL, WSDM, OAAE, and ACFT. It also shows taxiways (T-1 to T-5), parking aprons (P-1 to P-4), wind direction indicators (WDI), and ceiling meters. A detailed inset at the bottom right provides a close-up view of the runway threshold area, showing the sequenced flashing lights (SFL-V) and the runway threshold (RWY THR) markings.

## LONGITUDINAL PROFILE OF RWY

**LONGITUDINAL PROFILE OF RWY**

RWY 35  
54ft  
(16.59m)

0.6%

17ft  
(5.19m)

0.3%

15ft  
(4.59m)

RWY 17

LEVEL

1900m 2100m 3000m

0m

REMARKS :  
RWY GROOVING 3000m x 40m  
WIDTH OF TWY 30m

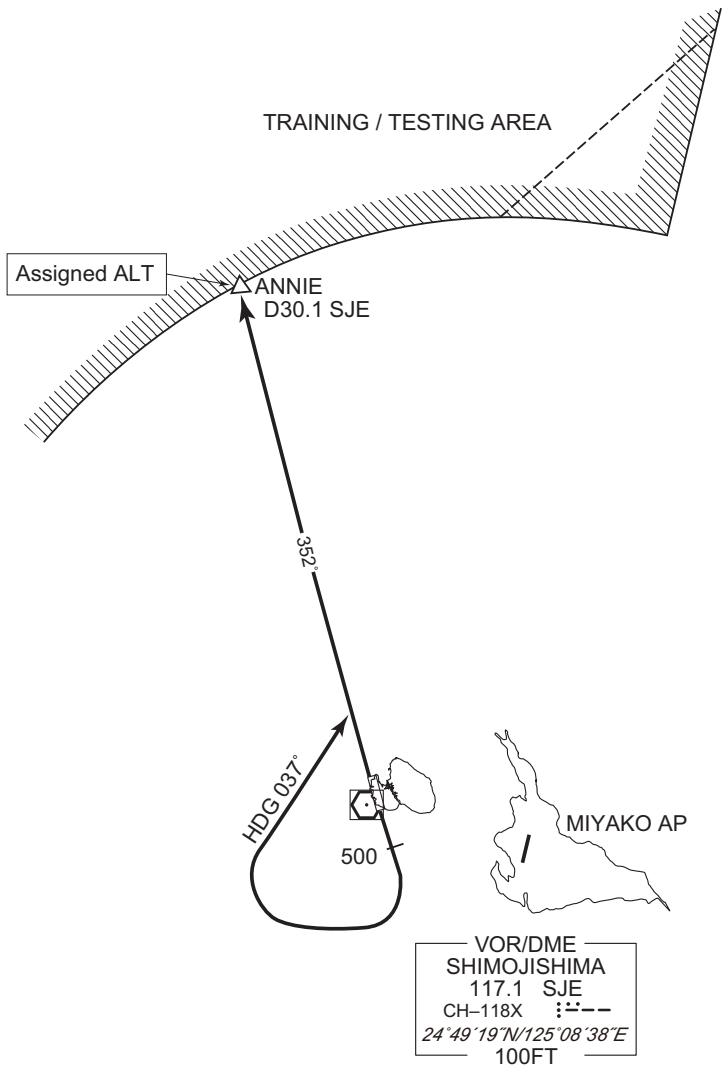
REMARKS :  
RWY GROOVING 3000m x 40m  
WIDTH OF TWY 30m

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 ...

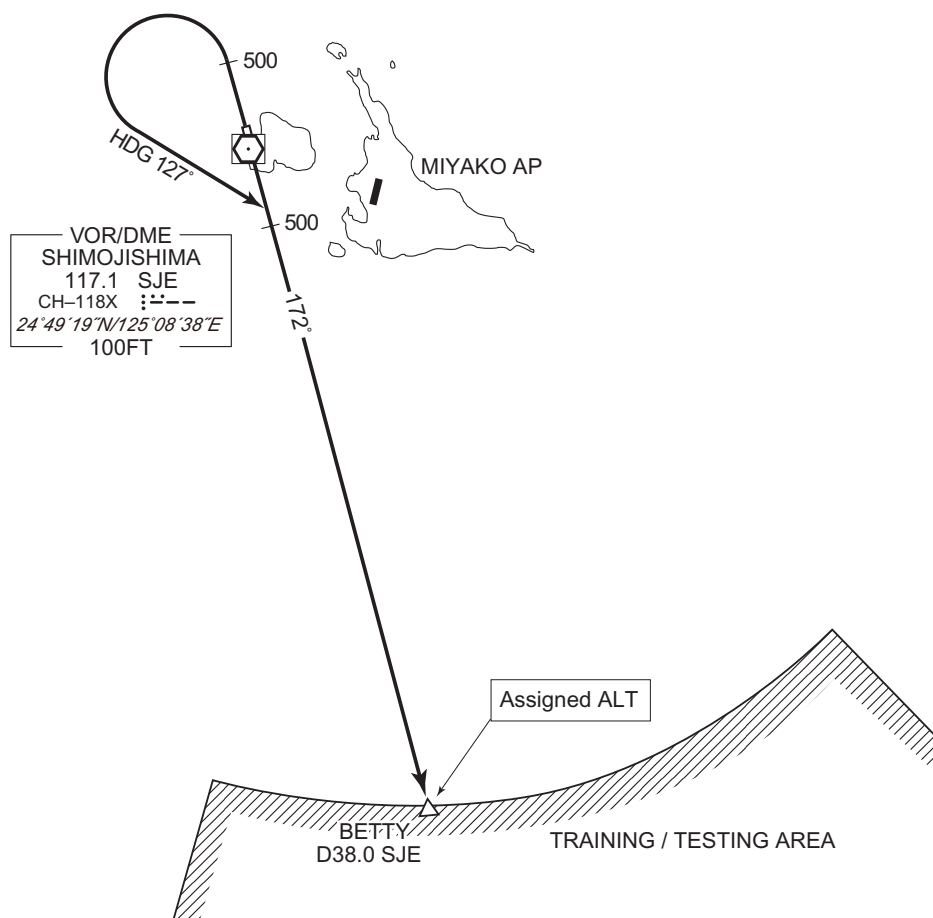
RWY35 : Climb RWY HDG to 500FT, turn left HDG 127° to intercept and  
proceed ...

... 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

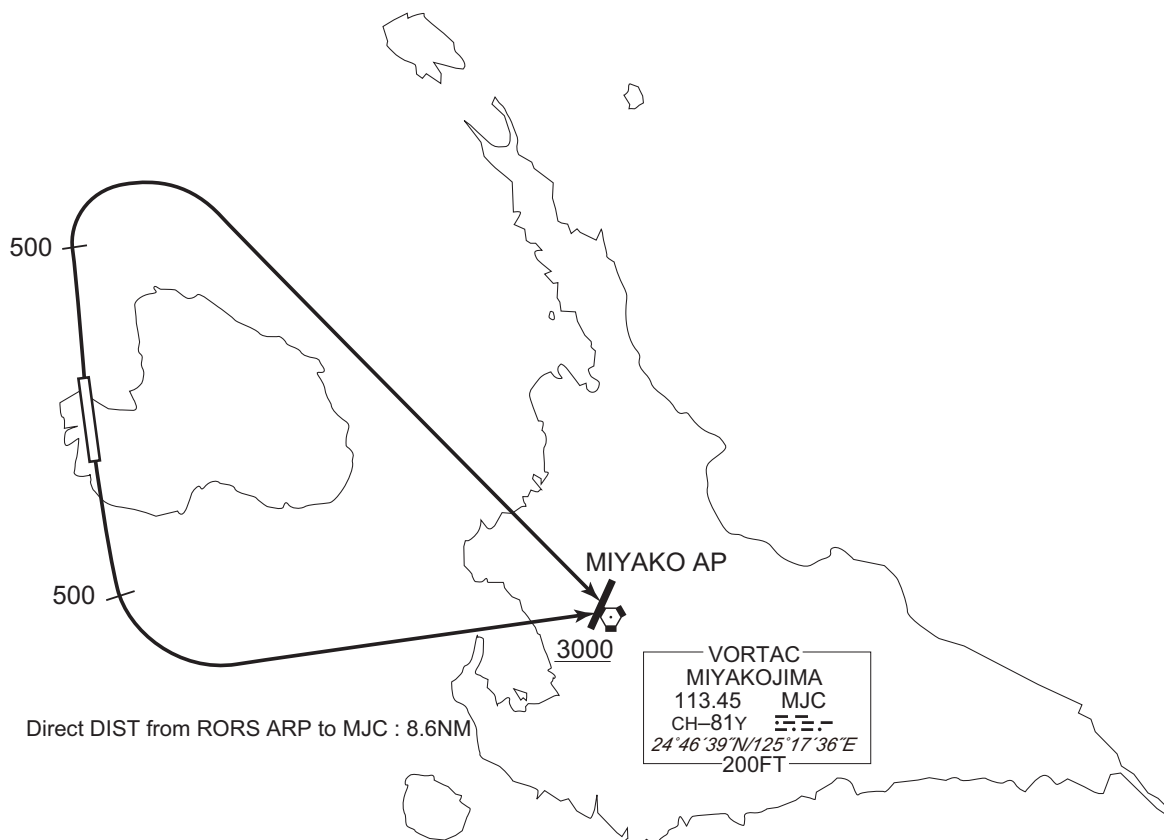
RWY17 : Climb RWY HDG to 500FT, turn left,...

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.

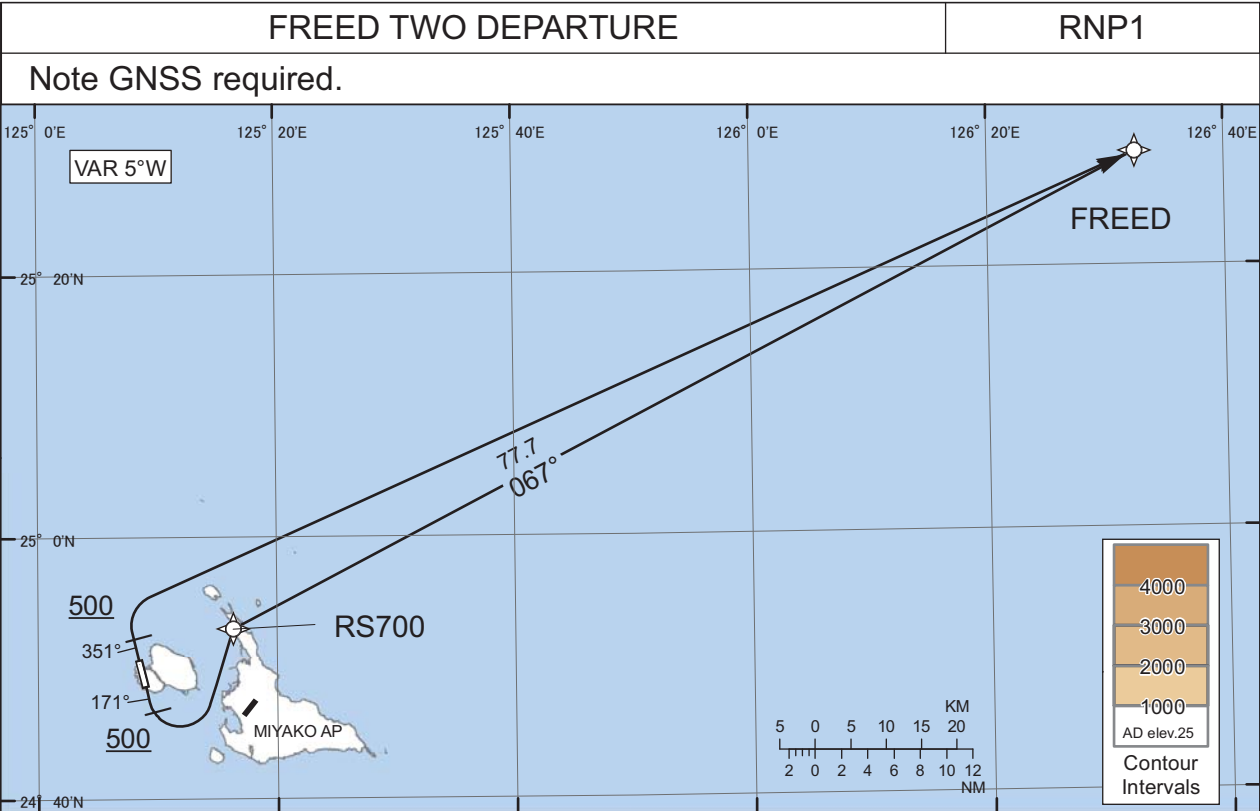


CHANGE : OBST.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

RNAV SID



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

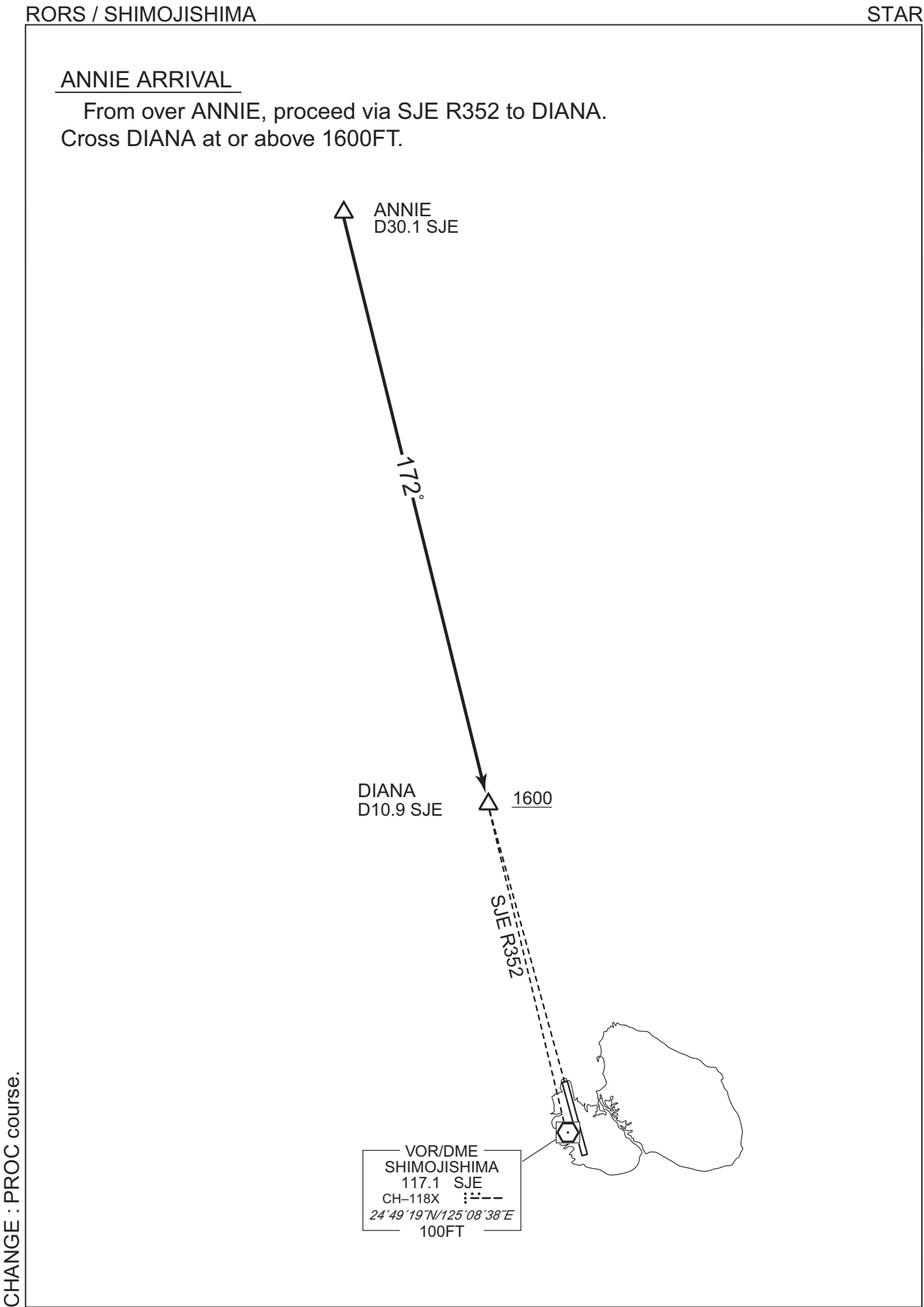
Serial Number	Path Descriptor	Way point Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	351 (346.1)	-5.1	-	-	+500	-	-	RNP1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	RNP1

Waypoint Coordinates

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

CHANGE : OBST. Waypoint Coordinates added.

STANDARD ARRIVAL CHART - INSTRUMENT



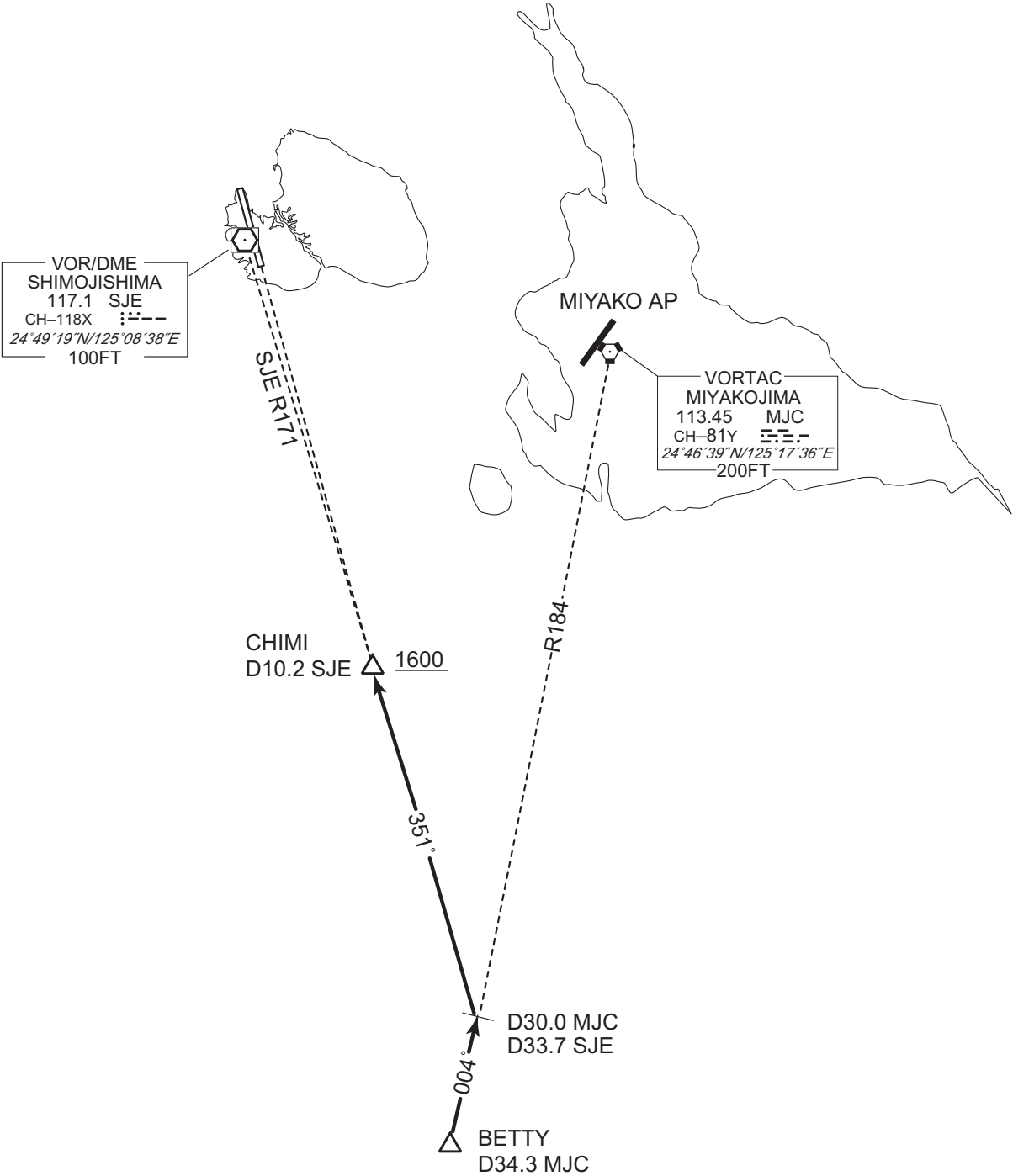
STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

BETTY ARRIVAL

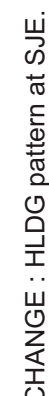
From over BETTY, proceed via MJC R184 to intercept and proceed via SJE R171 to CHIMI.  
Cross CHIMI at or above 1600FT.



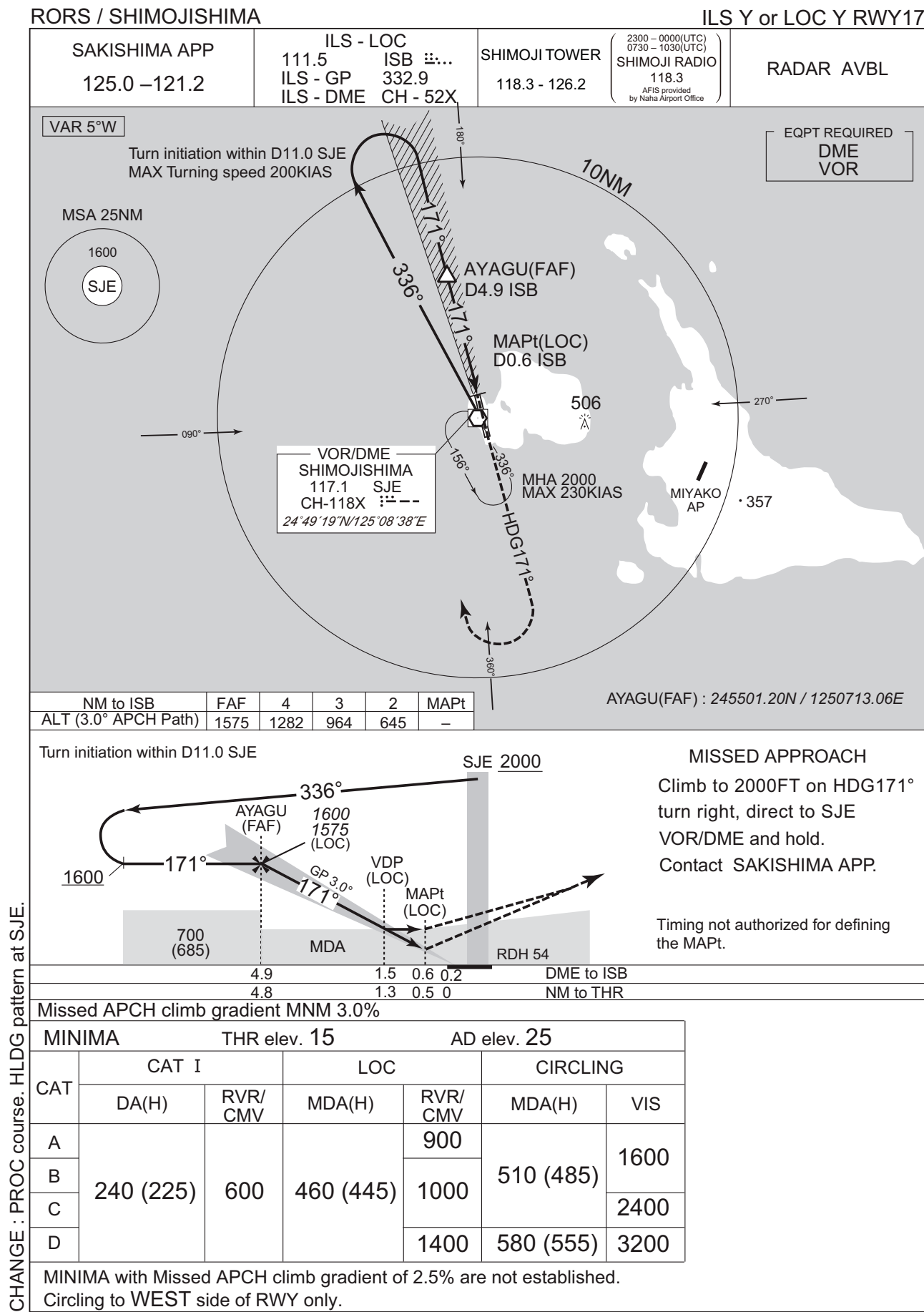
CHANGE : PROC course.

## RORS / SHIMOJISHIMA

ILS Z or LOC Z RWY17



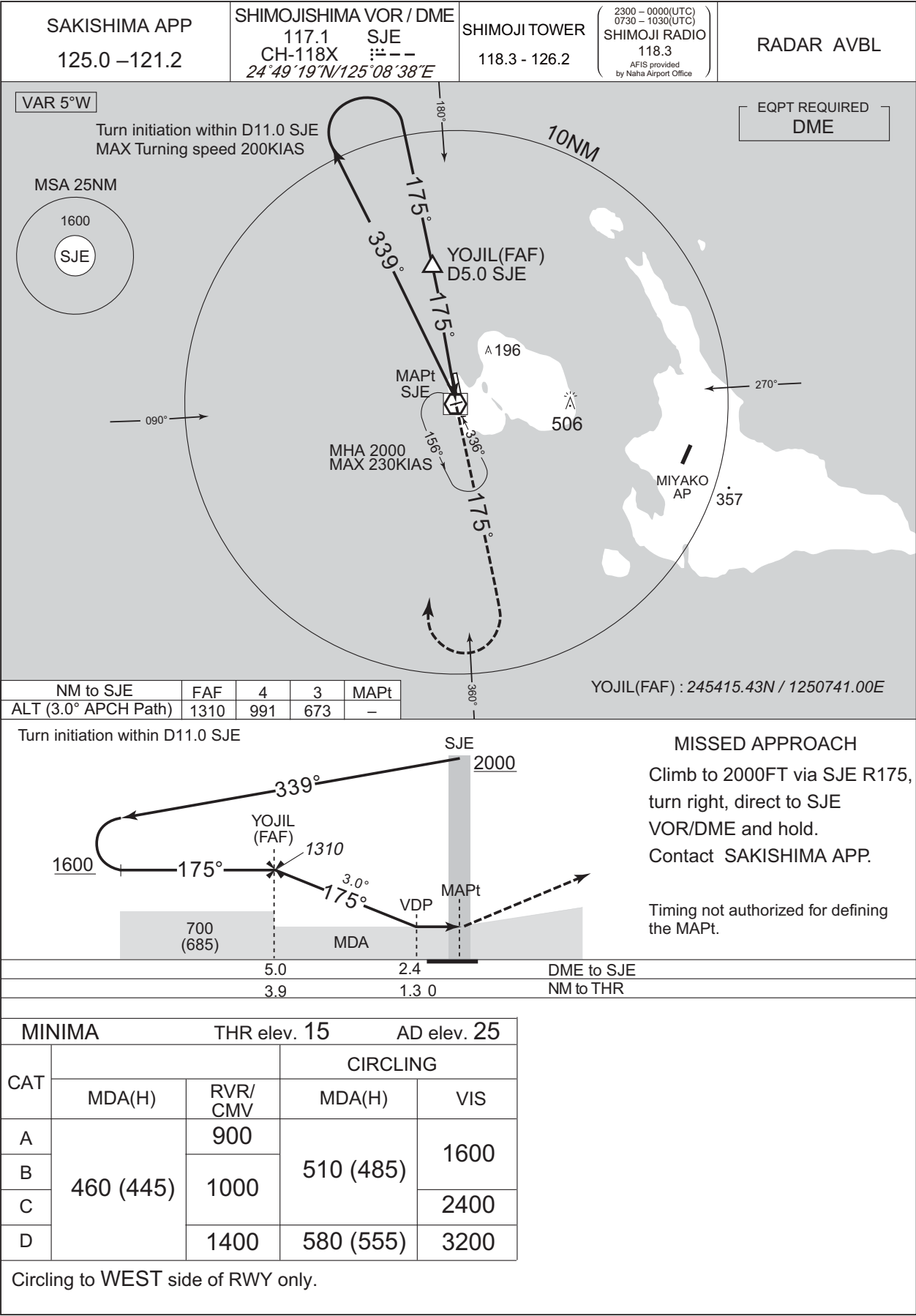
INSTRUMENT APPROACH CHART



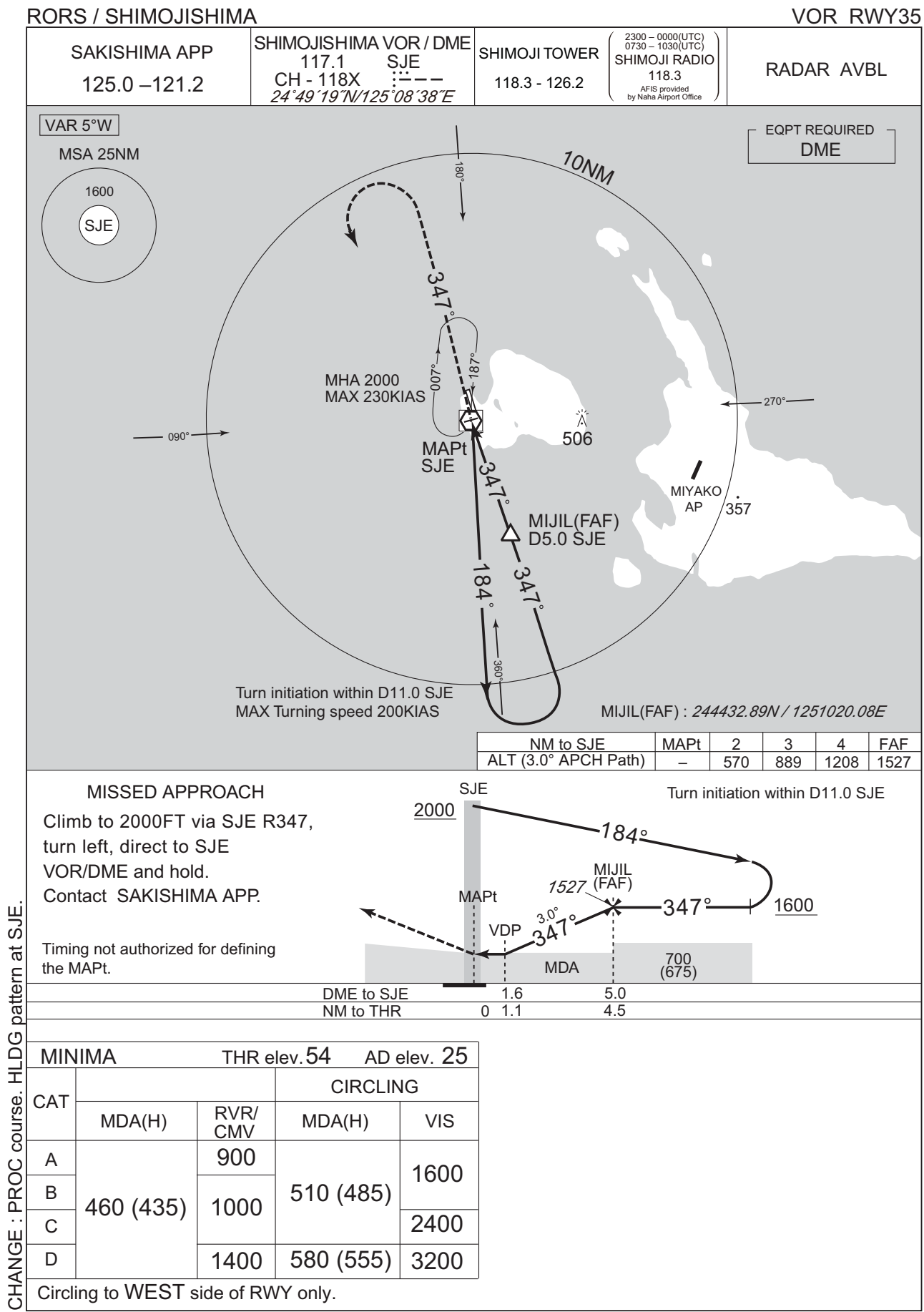
INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

VOR RWY17



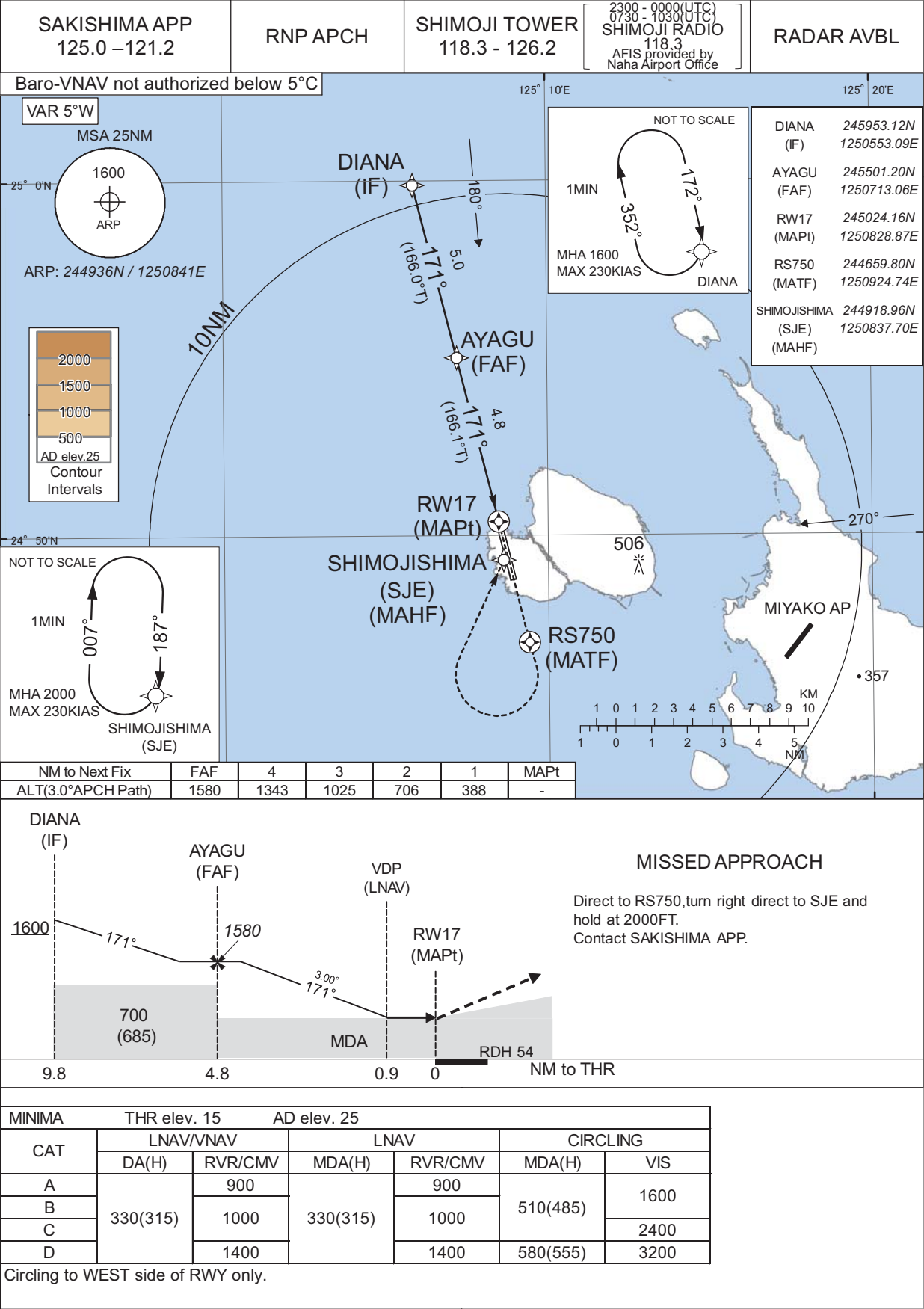
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

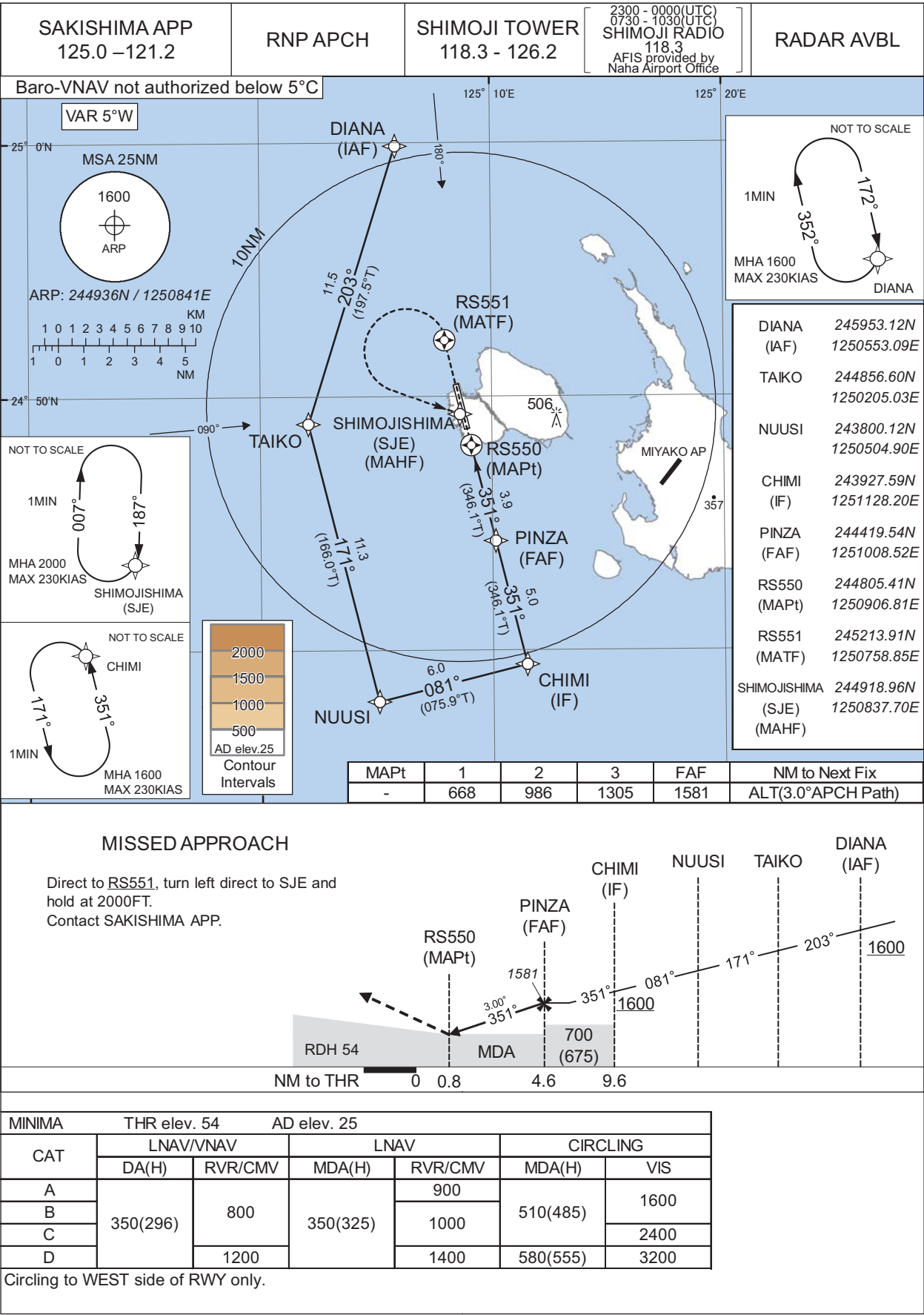
RNP RWY17



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

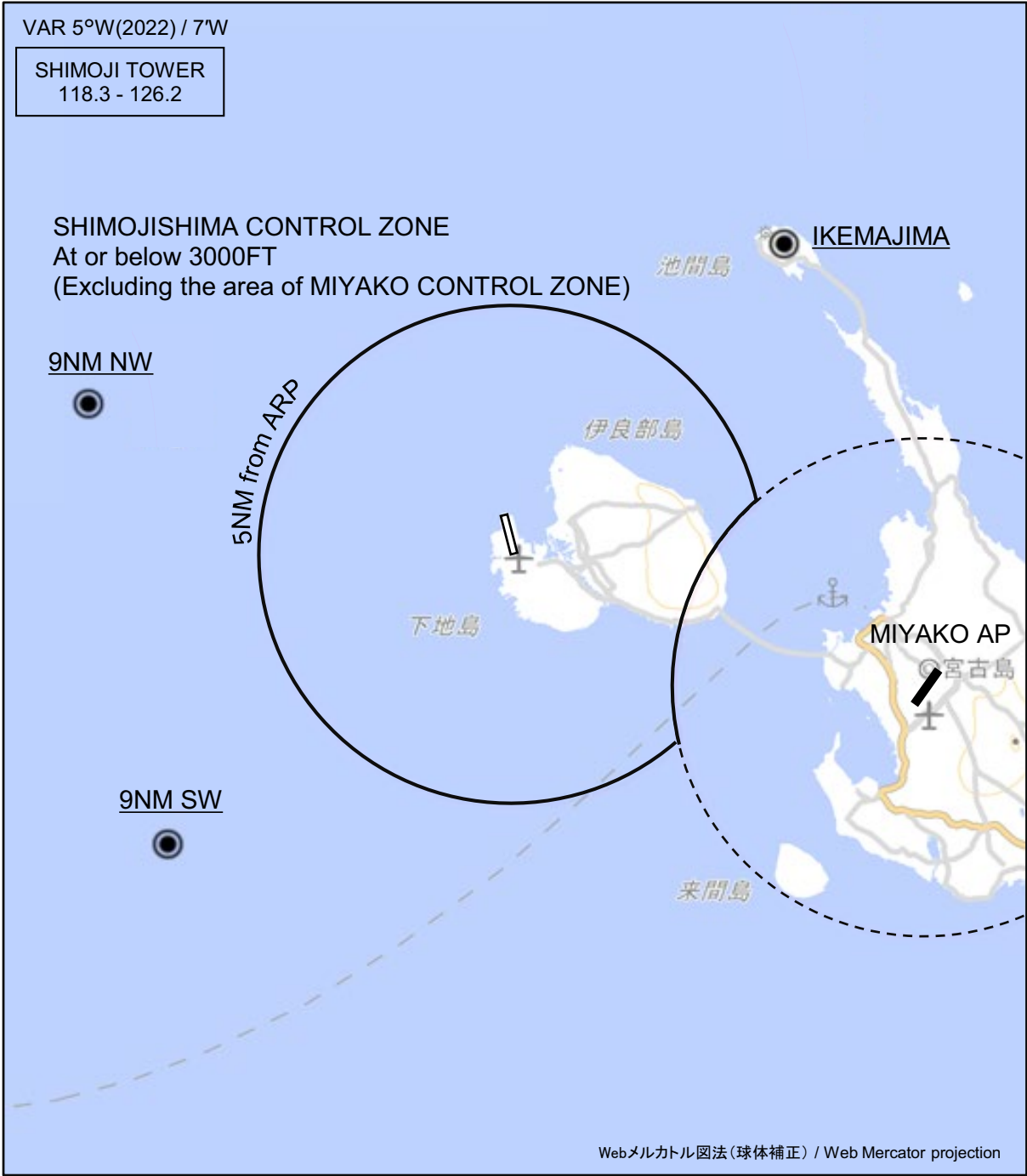
RNP RWY35



CHANGE : Missed APCH for using VOR/DME abolished.

RORS / SHIMOJISHIMA

Visual REP



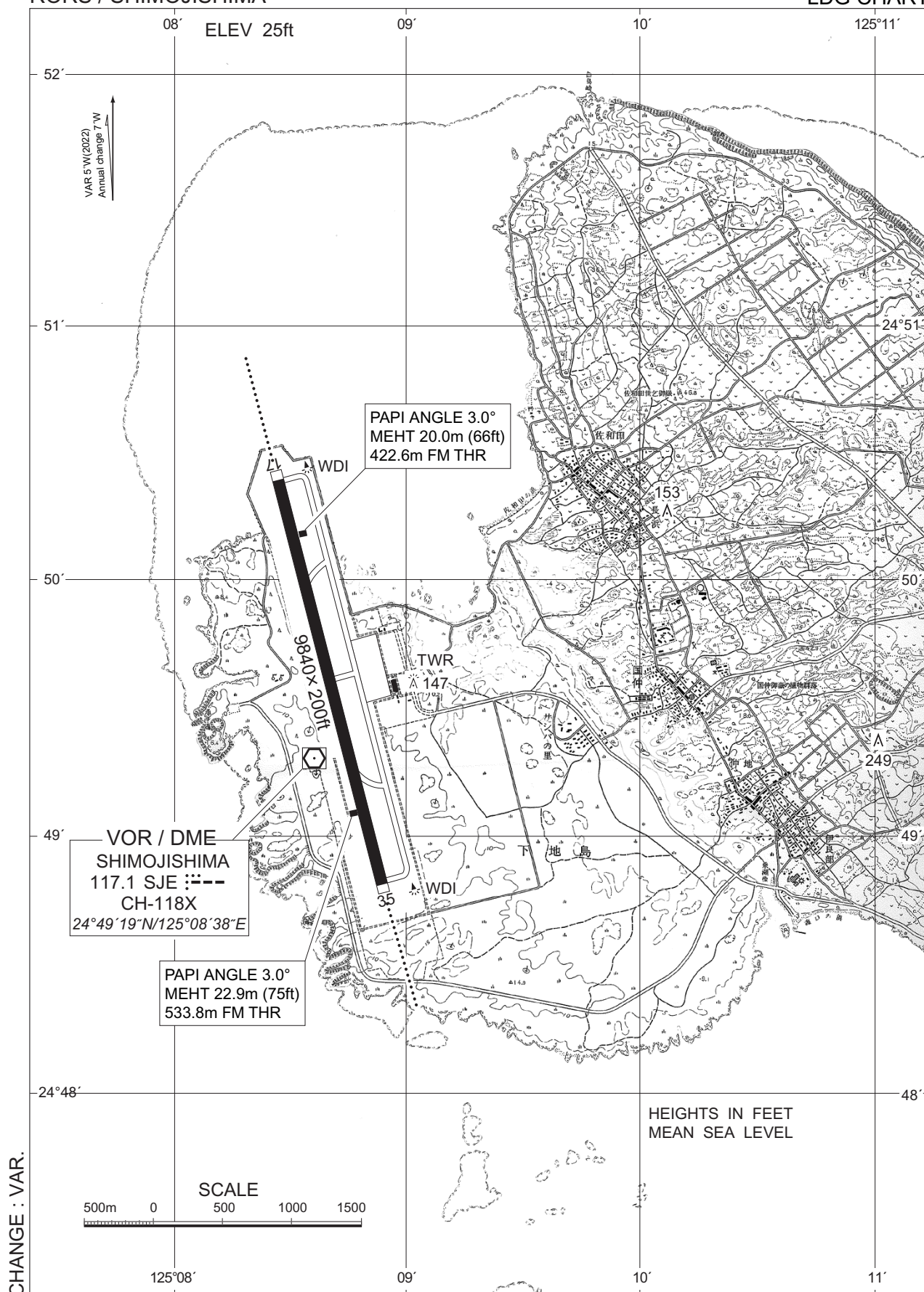
CHANGE : Map updated. BRG/DIST from ARP.

※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).

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



## Minimum Vectoring Altitude CHART

