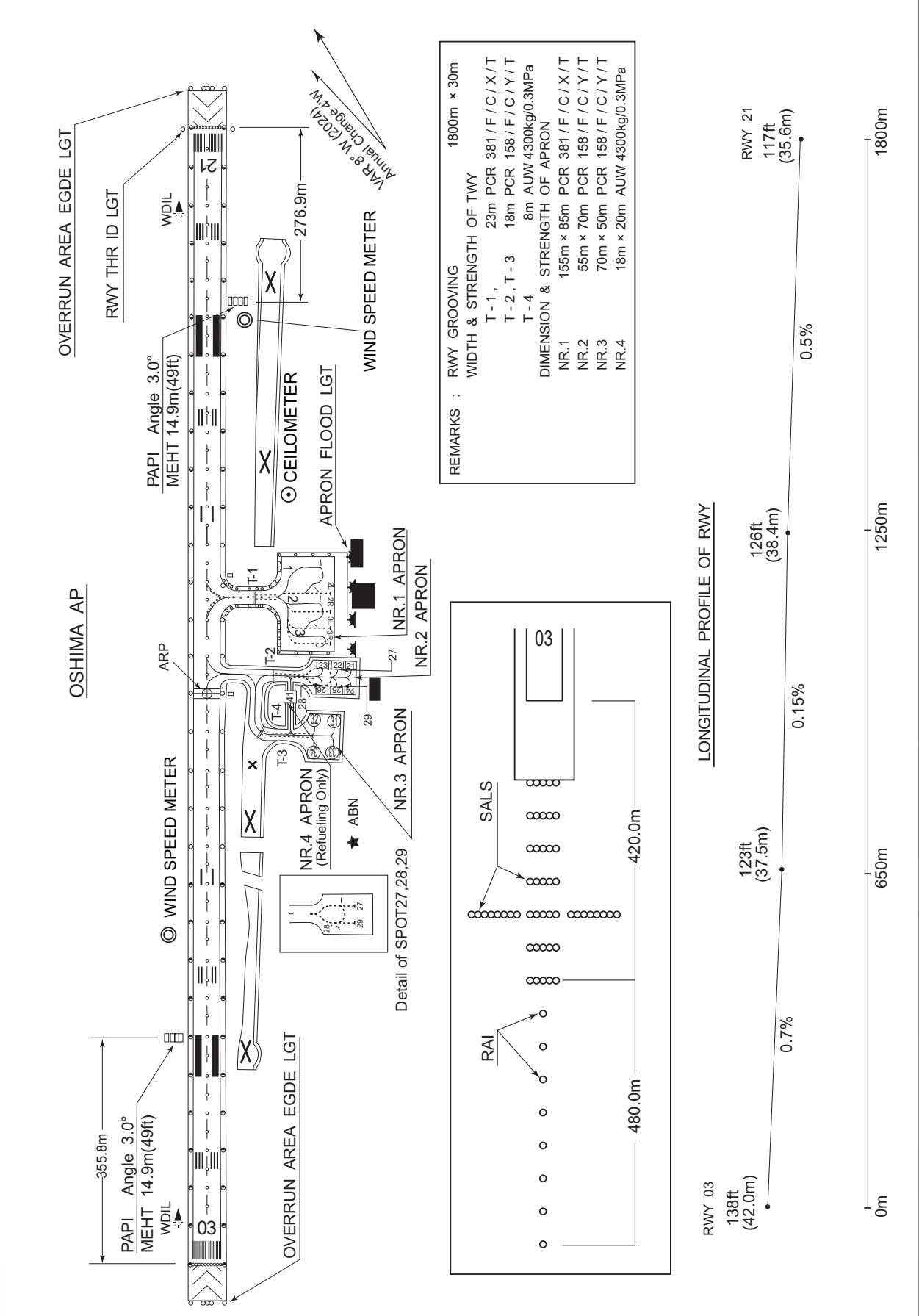


CHANGE : WIND SPEED METER, CEILOMETER added.



STANDARD DEPARTURE CHART -INSTRUMENT

RJTO / OSHIMA

SID

OSHIMA REVERSAL FOUR DEPARTURE

RWY03: Climb RWY HDG to 1100FT, turn left,...

RWY21: Climb RWY HDG to 1400FT, turn right,...

...direct to OSE VOR/DME.

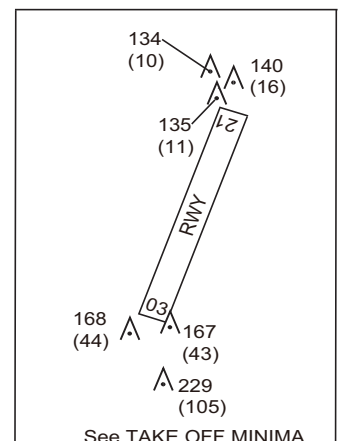
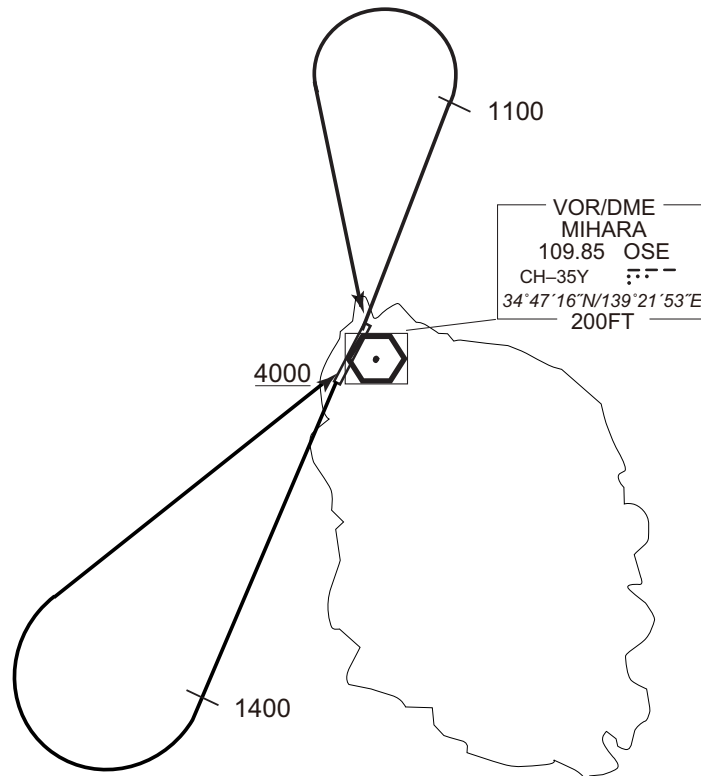
Cross OSE VOR/DME at or above 4000FT.

Note RWY03 : In case of climbing with 8.7% gradient up to 500FT, another TKOF  
WX MINIMA is applicable.

OBST ALT 394FT located at 0.6NM 050°FM end of RWY03.

RWY21 : 4.2% climb gradient required up to 1400FT.

OBST ALT 1444FT located at 2.2NM 166°FM end of RWY21

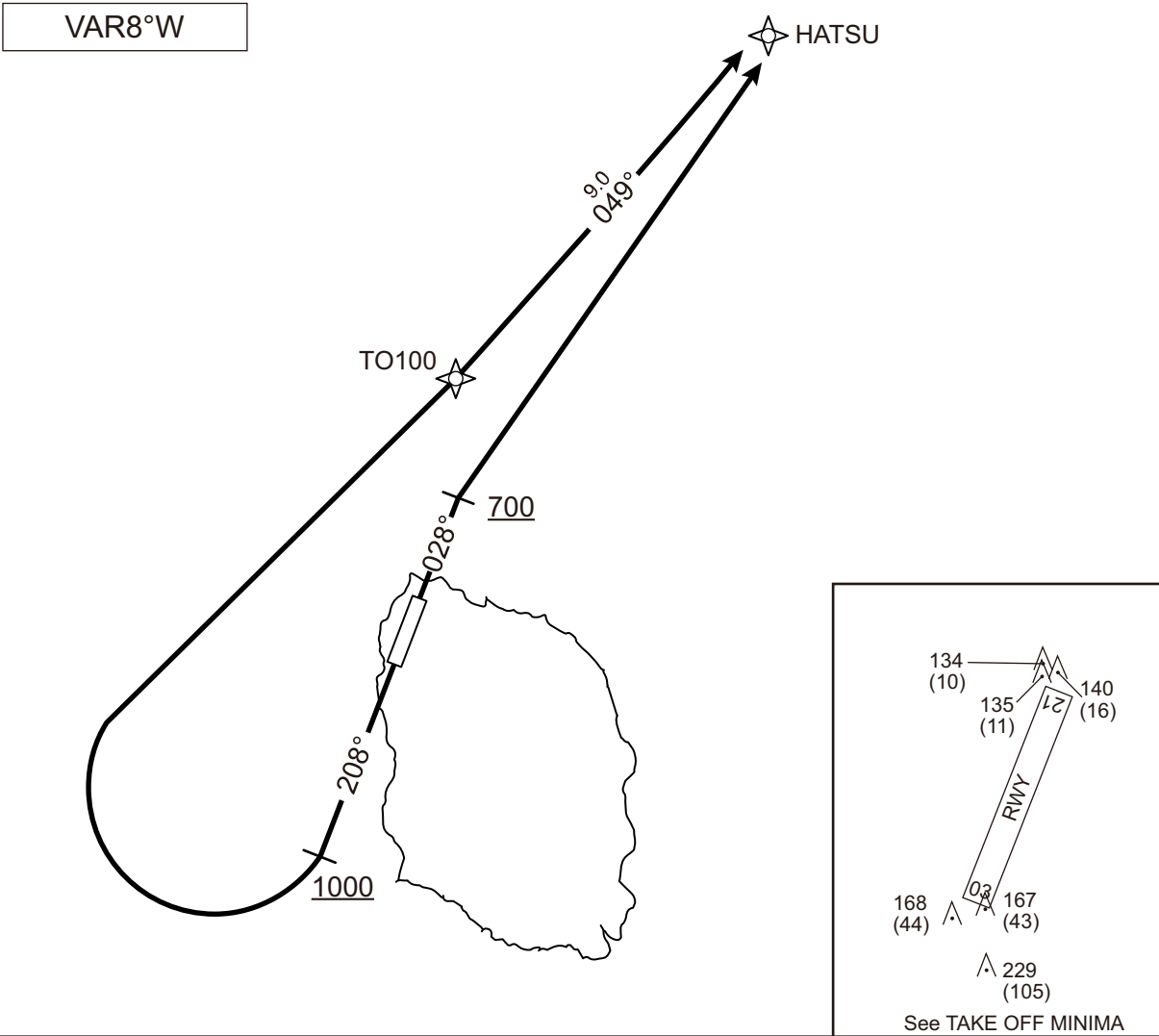


CHANGE : OBST.

STANDARD DEPARTURE CHART -INSTRUMENT

RJTO / OSHIMA	RNAV SID
MIHARA ONE DEPARTURE	RNP1

Note GNSS required.



RWY03: Climb on HDG028° at or above 700FT, direct to HATSU.

RWY21: Climb on HDG208° at or above 1000FT, turn right direct to TO100, to HATSU.

Note RWY03: In case of climbing with 8.7% gradient up to 500FT, another TKOF WX MINIMA is applicable.  
OBST ALT 394FT located at 0.6NM 050°FM end of RWY03.

RWY21: 3.8% climb gradient required up to 1000FT.  
OBST ALT 952FT located at 1.4NM 144°FM end of RWY21.

CHANGE : New PROC.

STANDARD DEPARTURE CHART -INSTRUMENT

RJTO / OSHIMA

RNAV SID

MIHARA ONE DEPARTURE

RWY03

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	-	-	028 (020.1)	-7.7	-	-	+700	-	-	RNP1
002	DF	HATSU	-	-	-7.7	-	-	-	-	-	RNP1

RWY21

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	-	-	208 (200.1)	-7.7	-	-	+1000	-	-	RNP1
002	DF	TO100	-	-	-7.7	-	R	-	-	-	RNP1
003	TF	HATSU	-	049 (041.2)	-7.7	9.0	-	-	-	-	RNP1

Waypoint Coordinates

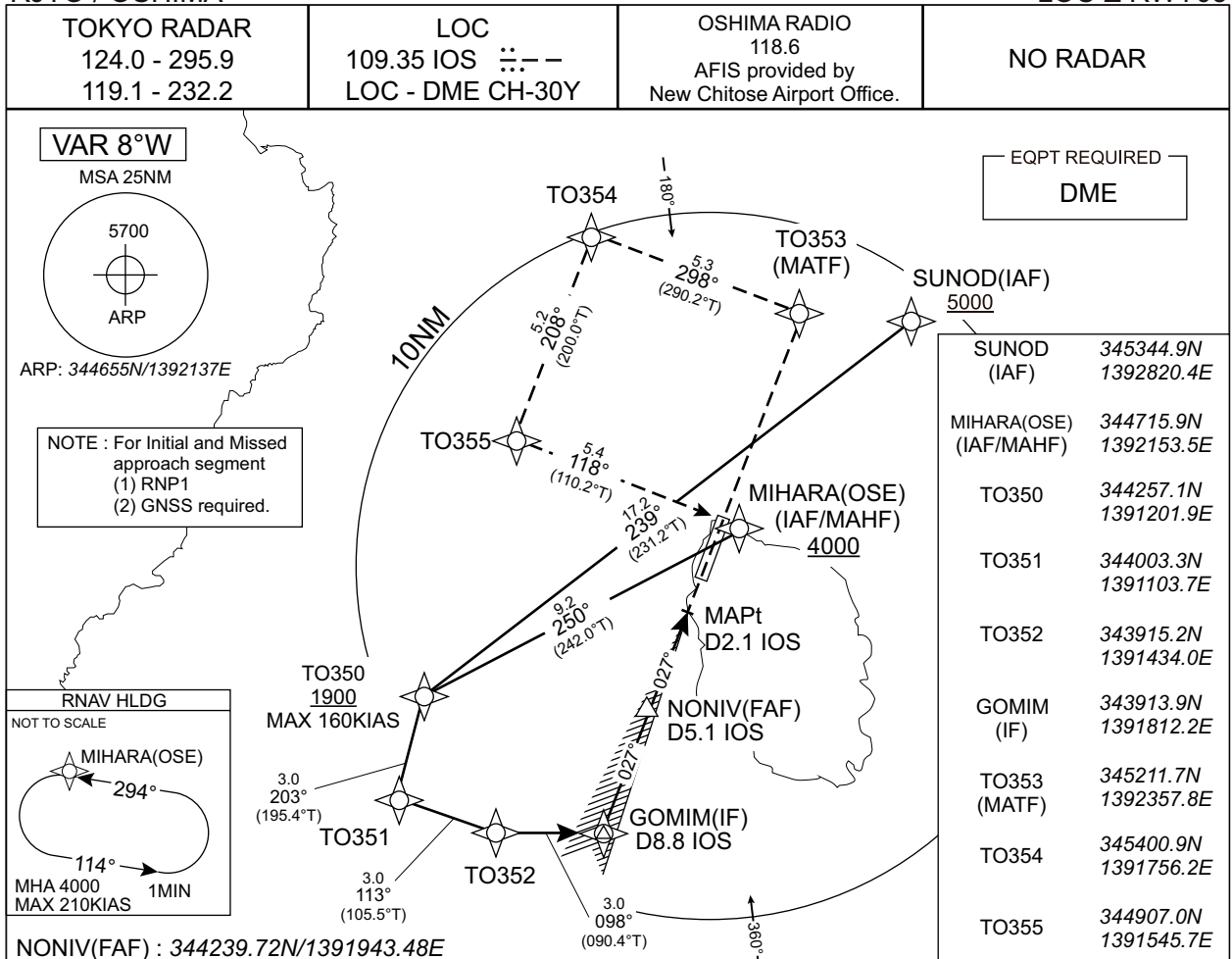
Waypoint Identifier	Coordinates
HATSU	345835.6N / 1392953.1E
TO100	345151.7N / 1392241.2E

CHANGE : New PROC.

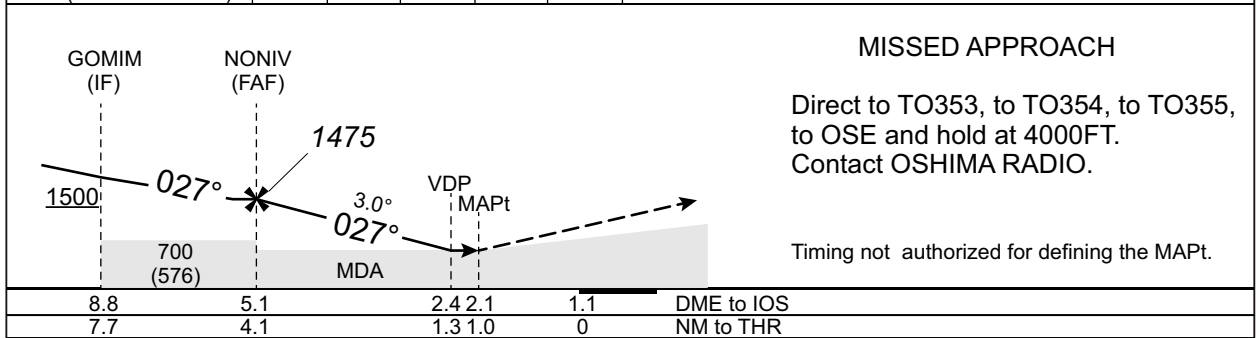
## INSTRUMENT APPROACH CHART

RJTO / OSHIMA

LOC Z RWY03



NM to IOS	FAF	5	4	3	MAPt
ALT (3.0° APCH Path)	1475	1435	1116	798	-

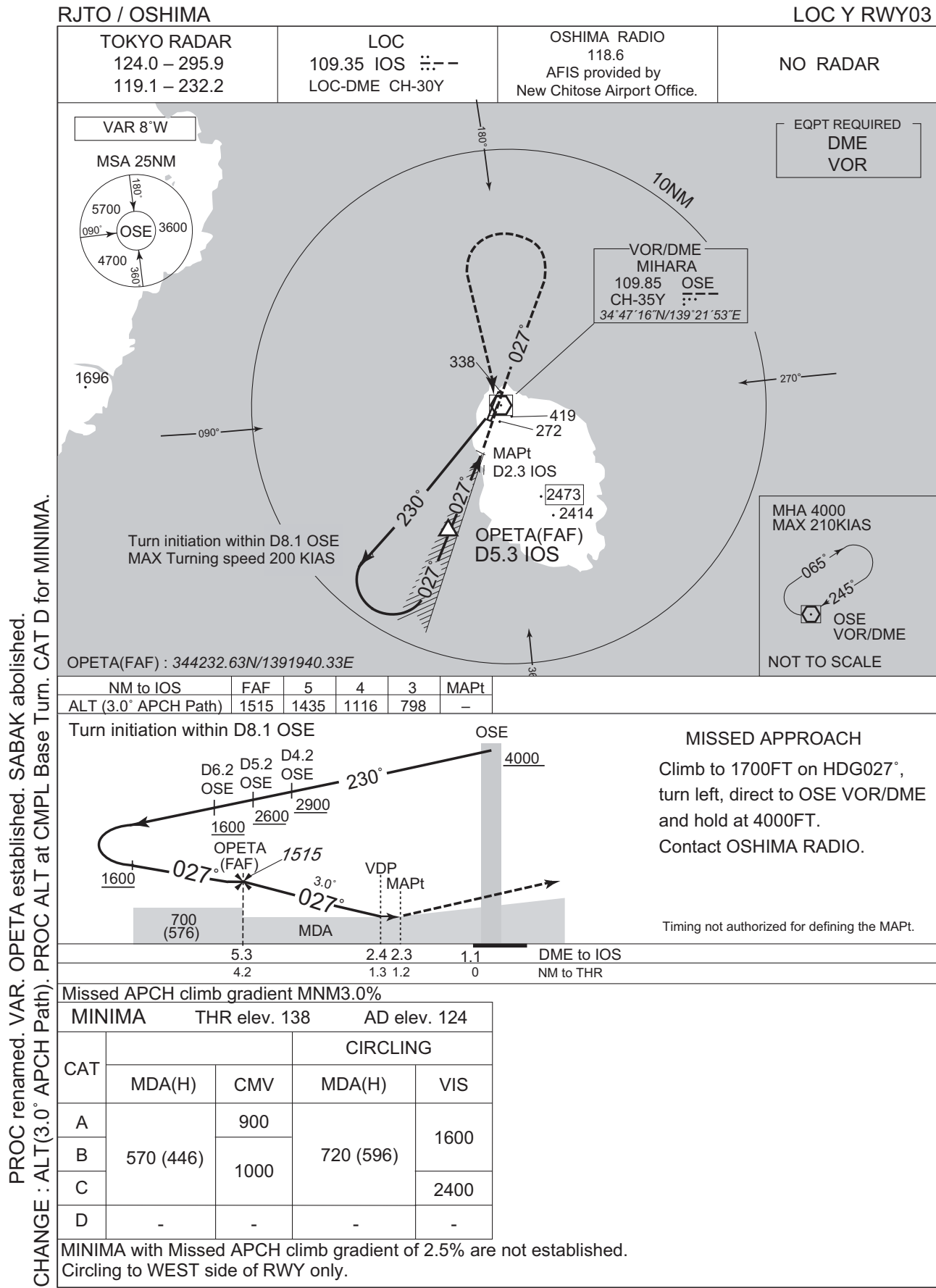


Missed APCH climb gradient MNM3.0%

MINIMA		THR elev. 138	AD elev. 124
CAT	MDA(H)		CIRCLING
	MDA(H)	CMV	MDA(H) VIS
	A	900	720(596) 1600
	B	570(446)	
	C	1000	2400
	D	-	-

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

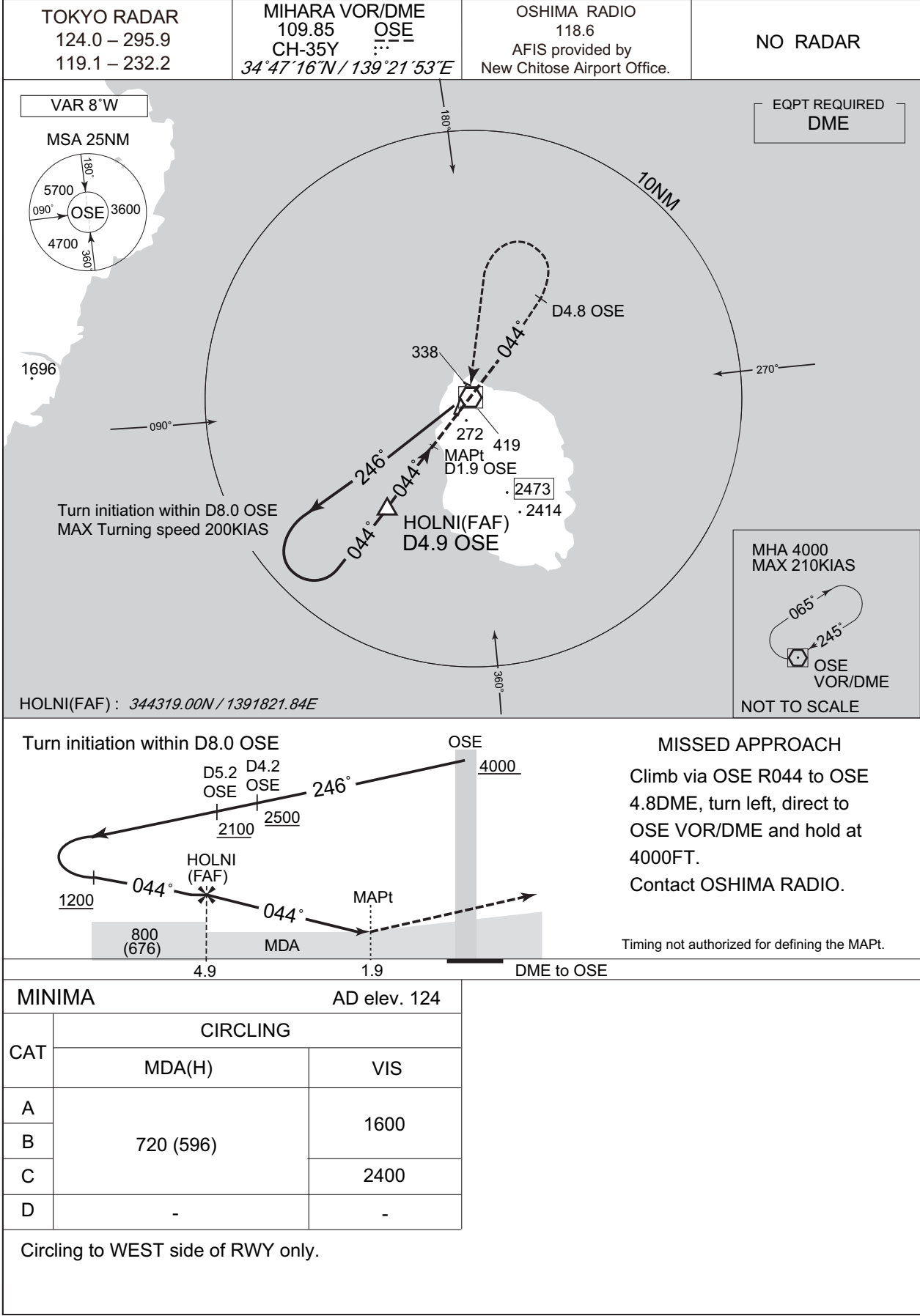
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

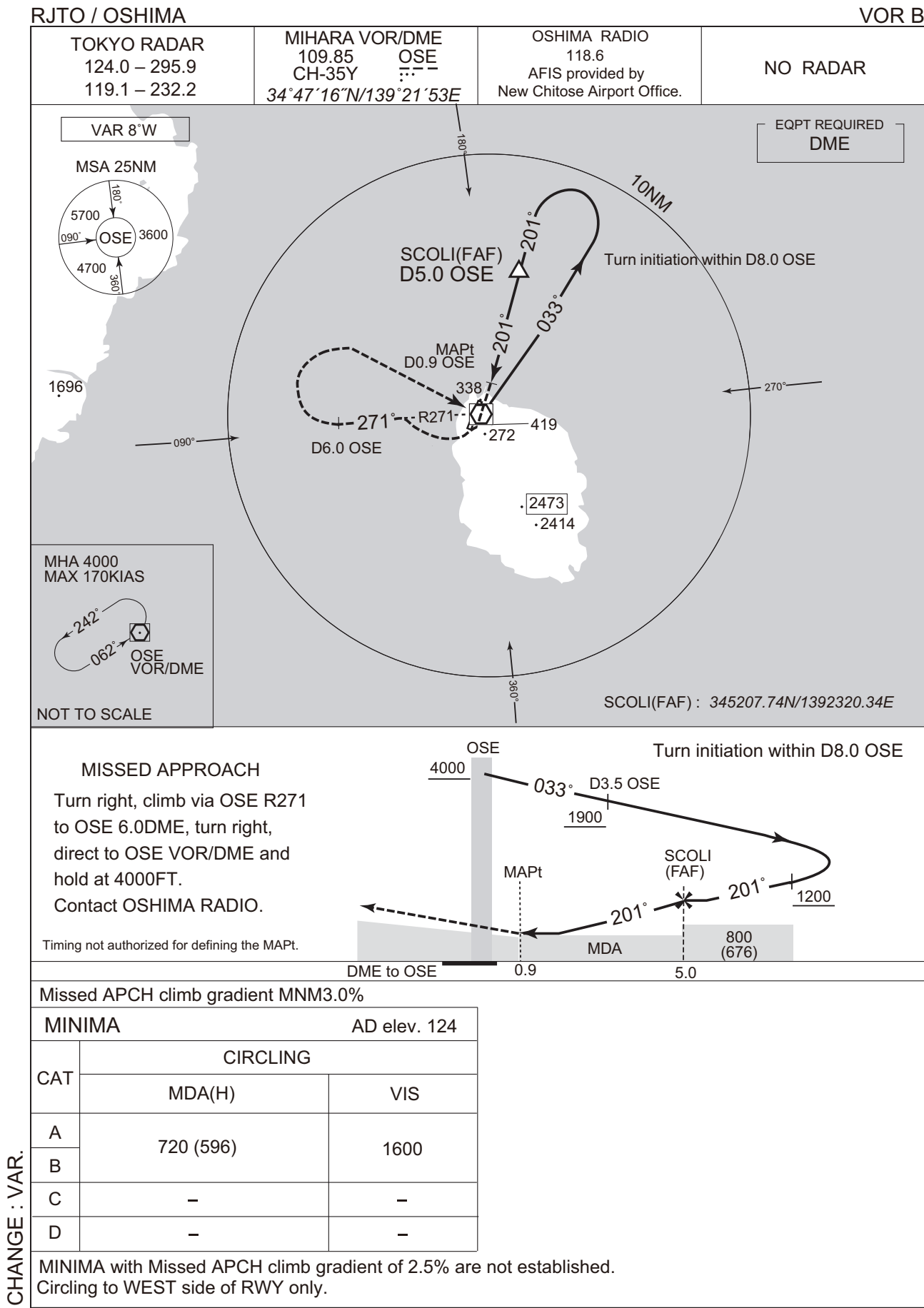
RJTO / OSHIMA

VOR A



CHANGE : VAR. CAT D for MINIMA.

INSTRUMENT APPROACH CHART

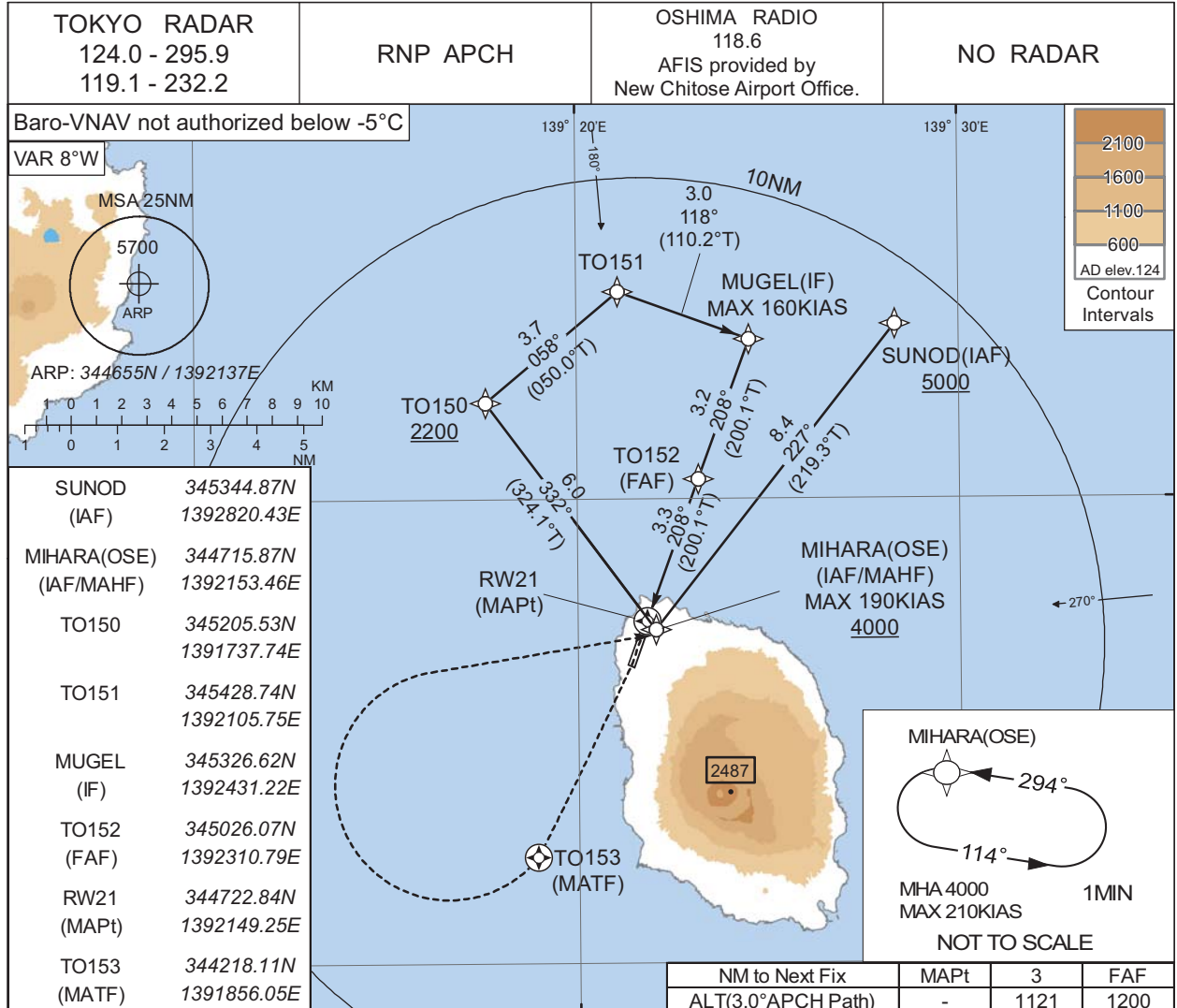




INSTRUMENT APPROACH CHART

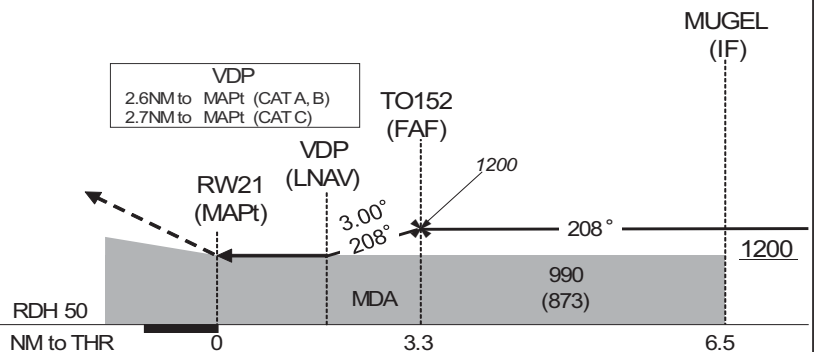
RJTO / OSHIMA

RNP RWY21



MISSED APPROACH

Direct to TO153, turn right direct to OSE and hold at 4000FT.  
Contact OSHIMA RADIO.



Missed APCH climb gradient MNM 5.0%

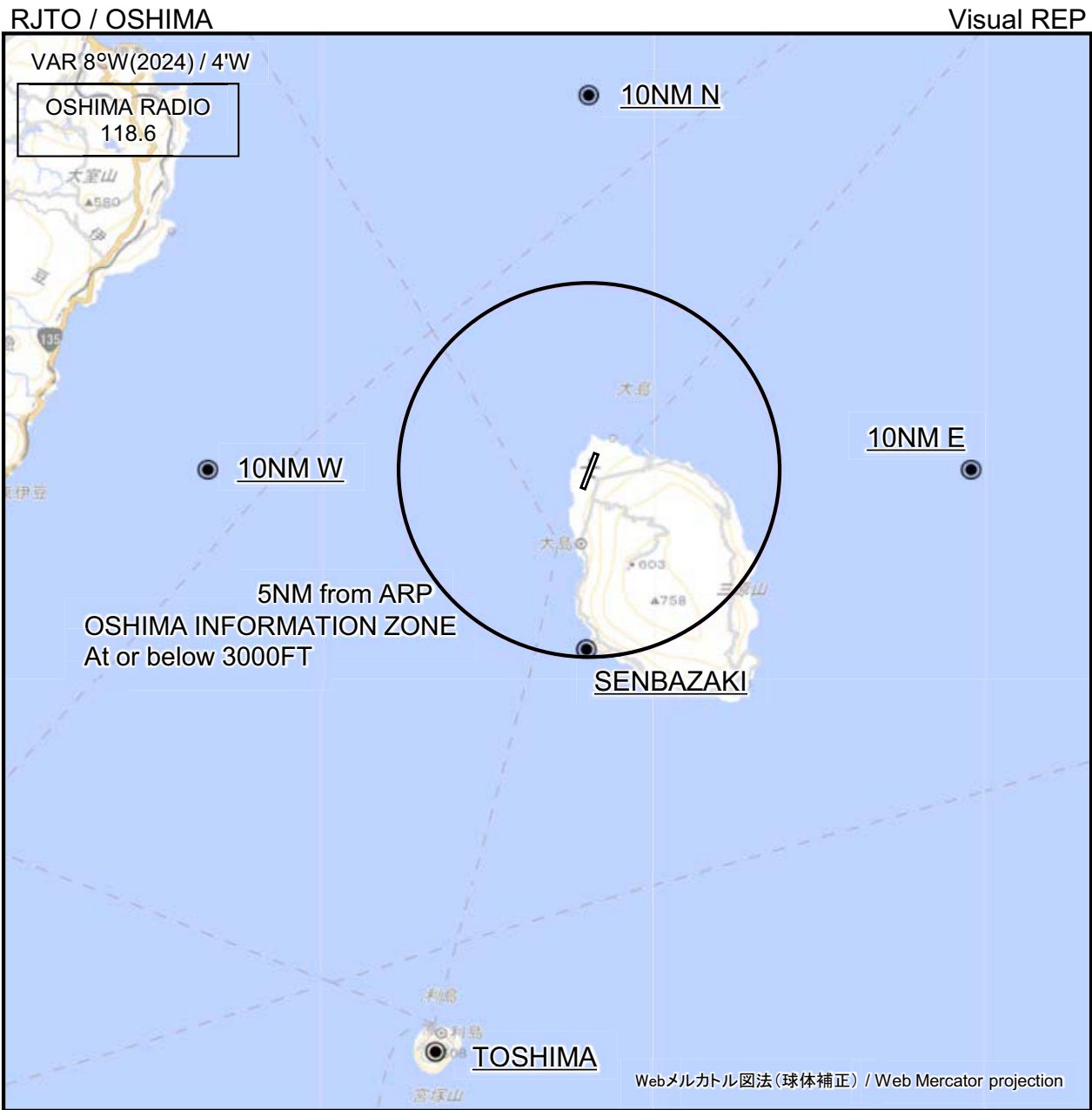
MINIMA	THR elev. 117		AD elev. 124			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	615(498)	1500	960(843)	1500	960(836)	1600
B						
C	641(524)	2000	990(873)	2000	990(866)	2400
D	-	-	-	-	-	-

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Circling to WEST side of RWY only.

CHANGE : New PROC.

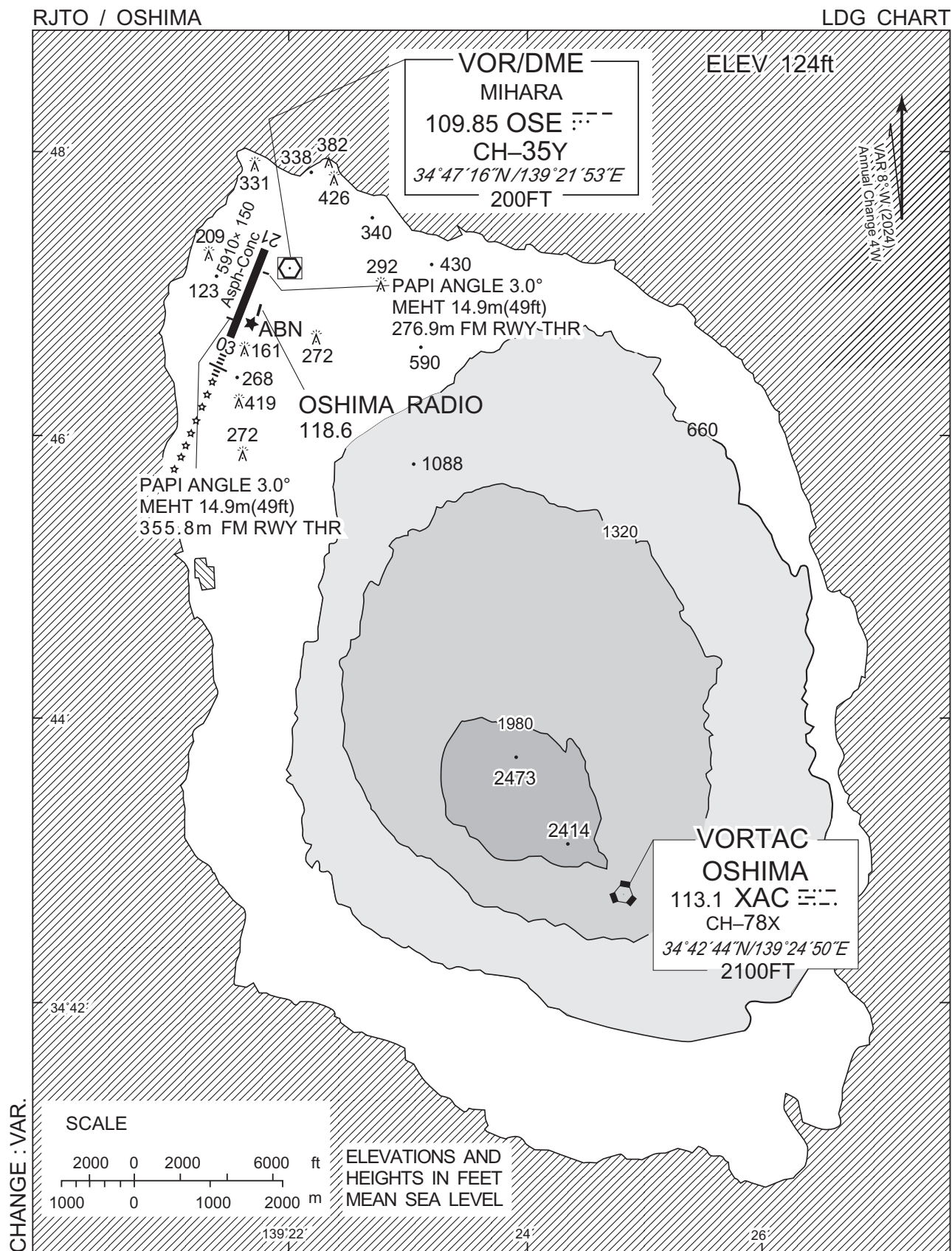
**INTENTIONALLY LEFT BLANK**



※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 : VAR.	Call sign	BRG / DIST from ARP	Remarks
	10NM N	360°T / 10.0NM	海上 Over the sea
	10NM E	090°T / 10.0NM	海上 Over the sea
	10NM W	270°T / 10.0NM	海上 Over the sea
	千波崎 Senbazaki	181°T / 4.8NM	岬 Cape
	利島 Toshima	194°T / 16.1NM	宮塚山 Mt. Miyatsuka

NOTE: In the SE direction of the airport, A/G COM from Oshima Radio is blinded by  
Mt Mihara(2,487ft)



## Minimum Vectoring Altitude CHART

- CHANGE : VAR.