

## RJTH / HACHIJOJIMA

## AD CHART



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STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

SID

TEMAR FIVE DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left,....  
RWY 26 : Turn left, climb via HCE R240 to 4000FT or above,  
turn right proceed to HCE VOR/DME, ....  
....climb via HCE R056 to TEMAR.

HACHIO REVERSAL FOUR DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left, climb via HCE R056  
to 4000FT or above, turn left,....  
RWY 26 : Turn left, climb via HCE R240 to 4000FT or above,  
turn right,....  
....proceed to HCE VOR/DME.  
Cross HCE VOR/DME at or above 5000FT.

CHANGE : Correction of misdescription (TEMAR)



## STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA

SID

MIYAKE THREE DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left, climb via HCE R055 to 15.0DME, turn left to intercept and proceed via MOE R158 to MOE VOR/DME.

Cross HCE R055/15.0DME at or above 4000FT.

RWY 26 : Turn left, climb via HCE R240 to 18.0DME, turn right to intercept and proceed via MOE R194 to MOE VOR/DME.

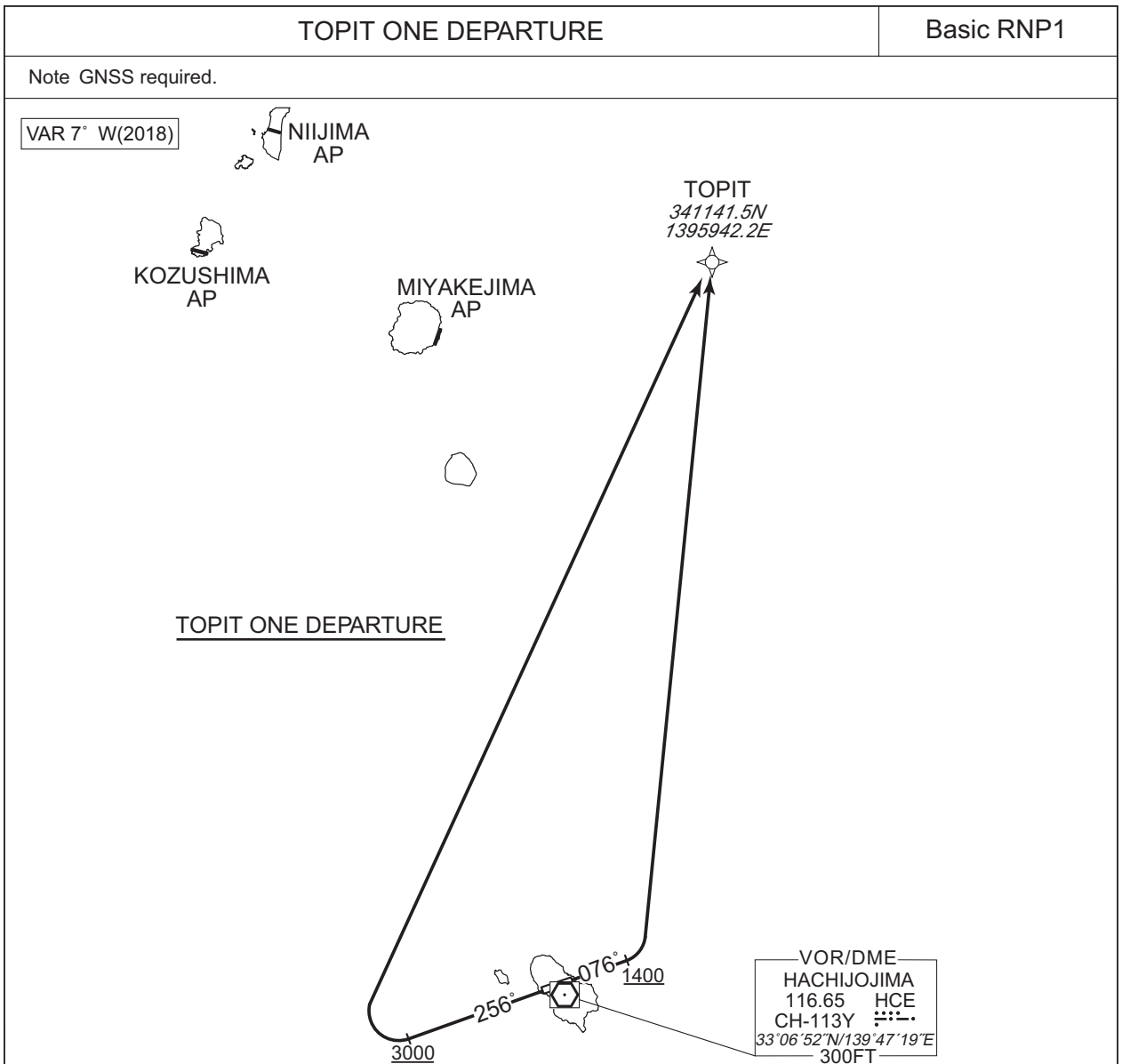
Cross HCE R240/18.0DME at or above 6000FT.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

RNAV SID

TOPIT ONE DEPARTURE

RWY08 : Climb on HDG 076° at or above 1400FT, turn left direct to TOPIT.

RWY26 : Climb on HDG 256° at or above 3000FT, turn right direct to TOPIT.

## RWY08

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	—	—	076 (069.5)	-6.7	—	—	+1400	—	—	Basic RNP1
002	DF	TOPIT	—	—	-6.7	—	L	—	—	—	Basic RNP1

## RWY26

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	—	—	256 (249.5)	-6.7	—	—	+3000	—	—	Basic RNP1
002	DF	TOPIT	—	—	-6.7	—	R	—	—	—	Basic RNP1

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STANDARD ARRIVAL CHART-INSTRUMENT

RJTH / HACHIOJIMA

STAR

HACHIOJO ARRIVAL

From over SANGO, proceed via HCE R009 to intercept and proceed via HCE 14.0DME clockwise ARC, via IHC-LOC to SHELL or HCE R075 to RURII.

Cross SANGO at or above 5000FT, cross SHELL or RURII at or above 2000FT.

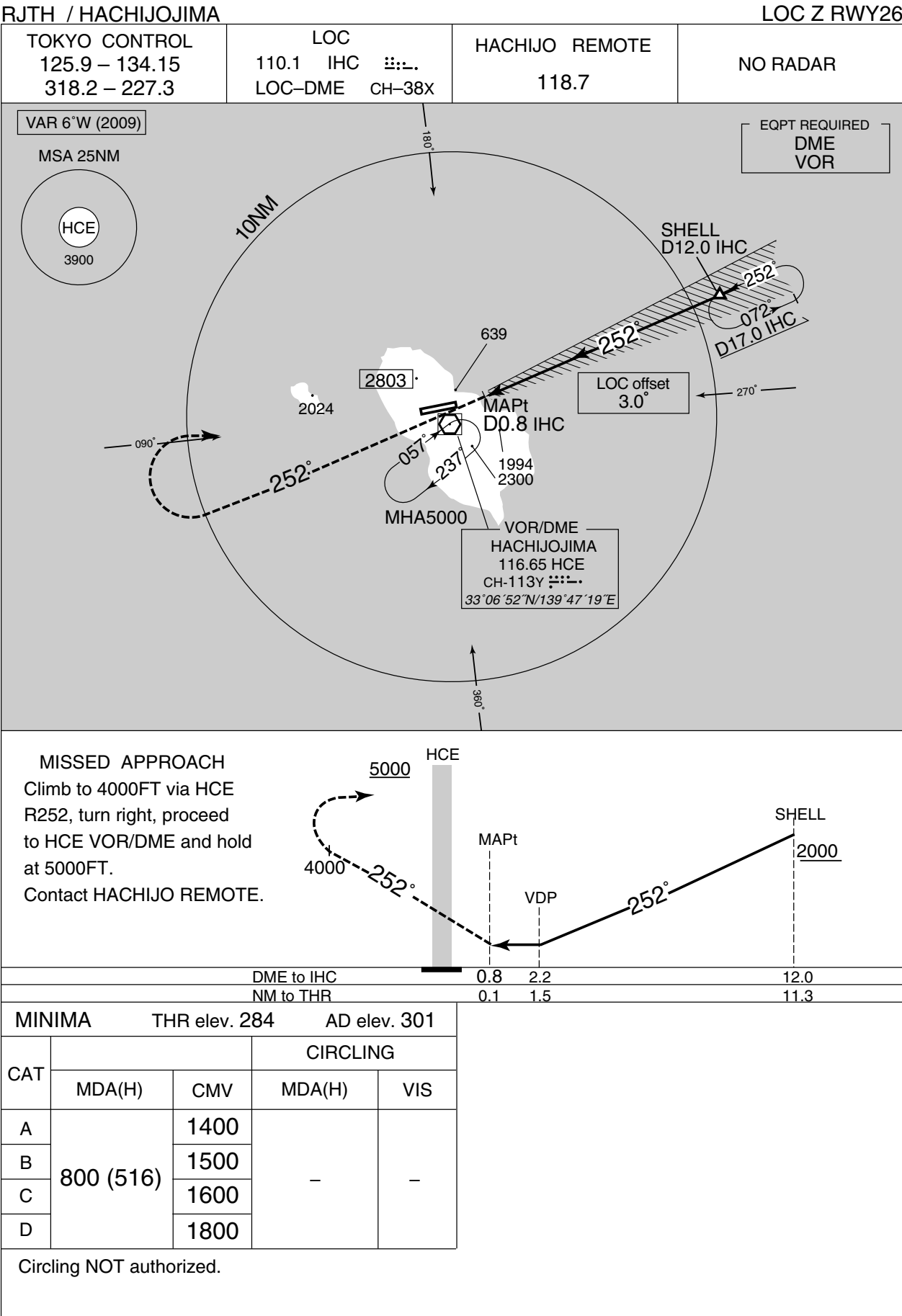
HACHIOJO ARRIVAL



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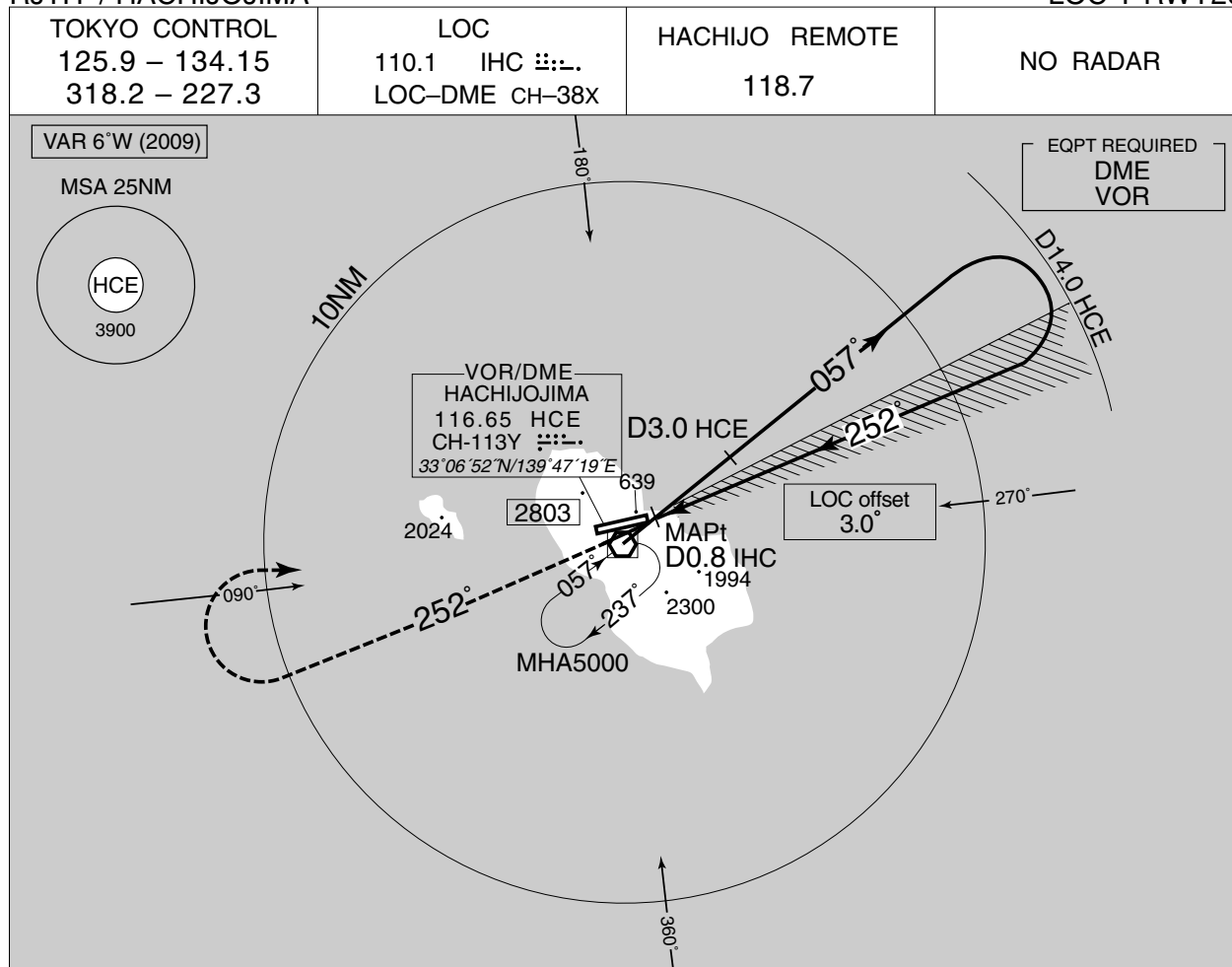
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

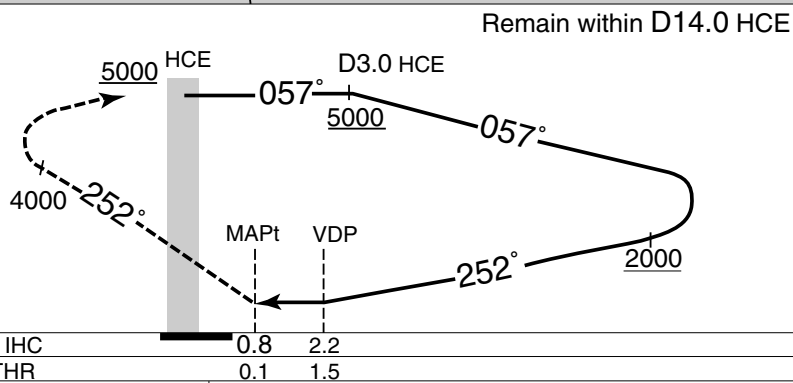
RJTH / HACHIOJIMA

LOC Y RWY26



## MISSED APPROACH

Climb to 4000FT via HCE  
R252, turn right, proceed  
to HCE VOR/DME and hold  
at 5000FT.  
Contact HACHIOJO REMOTE.



MINIMA		THR elev. 284	AD elev. 301	
CAT	CIRCLING		MDA(H)	VIS
	MDA(H)	CMV		
A	800 (516)	1400	-	-
B		1500		
C		1600		
D		1800		

Circling NOT authorized.

## RJTH / HACHIOJIMA

VOR A (For RWY 26)

VAR 6°W (2009)

MSA 25NM

HCE

3900

10NM

090°

180°

270°

360°

2803

639

1994

2300

MHA5000

MAPt

D6.0

HCE

RURII

D12.0

HCE

D16.0

HCE

060°

255°

075°

255°

270°

060°

240°

090°

EQPT REQUIRED

DME

The diagram illustrates a fly visual system model. A vertical grey bar on the left represents the HCE (Horizontal Cell Eye) with a height of 5000. A horizontal dashed line labeled 'FLY VISUAL' extends from the HCE. A curved dashed line represents the MAPt (Medial Anterior Process of the Tectum) with a radius of 4000. A solid line segment connects the MAPt to the RURII (Retinal Unit of the Retina) with a length of 2000. The angle between the horizontal dashed line and the solid line is 255°. The angle between the solid line and the curved dashed line is 060°. The horizontal coordinates for the MAPt and RURII are 6.0 and 12.0, respectively. The vertical coordinates for the MAPt and RURII are 5.6 and 11.6, respectively.

*MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.*

## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

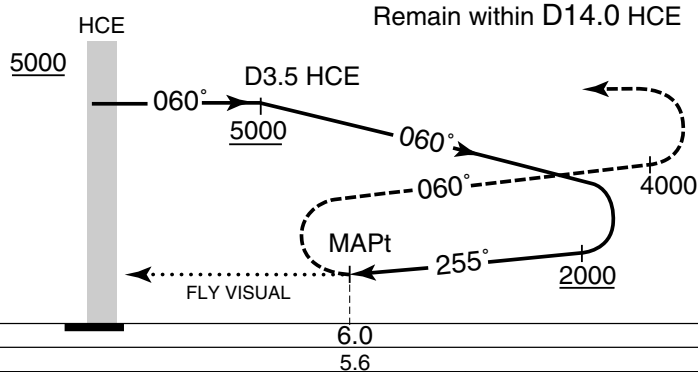
VOR B (For RWY 26)

TOKYO CONTROL 125.9 – 134.15 318.2 – 227.3	HACHIJOJIMA VOR/DME 116.65 HCE CH-113Y 33°06'52"N / 139°47'19"E	HACHIJO REMOTE 118.7	NO RADAR
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## MISSED APPROACH

Turn right, climb to 4000FT  
via HCE R060, turn right,  
proceed to HCE VOR/DME  
and hold at 5000FT.  
Contact HACHIJO REMOTE.



DME to HCE

NM to THR

6.0

5.6

## MINIMA

THR elev. 284

AD elev. 301

CAT	MDA(H)	Facilities			
		Full	Intermediate	Basic	Nil
		VIS	VIS		
A	800 (516)	-	4800		
B					
C					
D					

MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

VOR C (For RWY 26)



## INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

VOR D (For RWY 08)



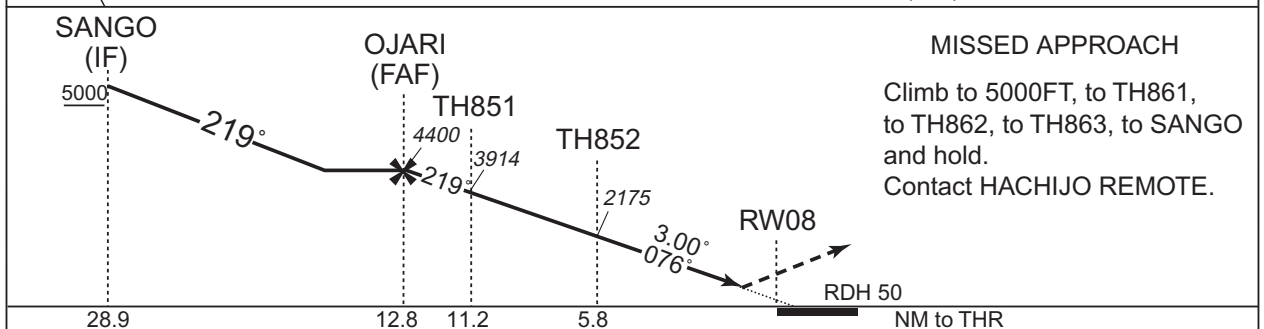
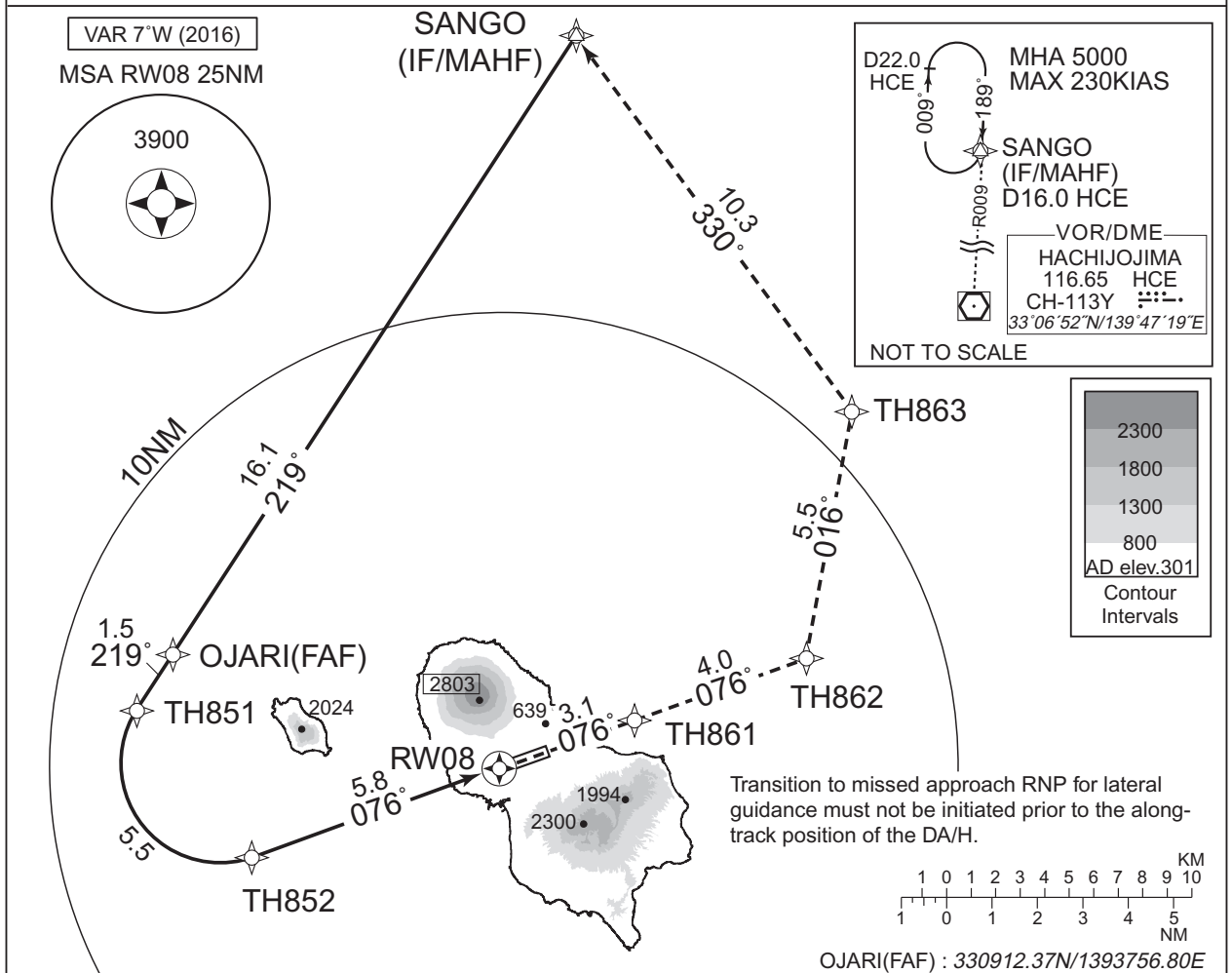
INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNAV(RNP) RWY08

TOKYO CONTROL 125.9 – 134.15 318.2 – 227.3	GNSS and RF required	HACHIOJO REMOTE 118.7	NO RADAR
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For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



Missed APCH climb gradient MNM 5.0%				
MINIMA		THR elev. 282		AD elev. 301
CAT	RNP 0.29		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	—	—	—	—
B	—	—	—	—
C	806(524)	2000	824(542)	2000
D	—	—	—	—

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

**RNP AR**  
Special Authorization Required

## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNAV(RNP) RWY08

RNAV(RNP) RWY08Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	SANGO	—	—	-6.5	—	—	+5000	—	—	—
002	TF	OJARI	—	219 (212.3)	-6.5	16.1	—	4400	—	—	1.0
003	TF	TH851	—	219 (212.2)	-6.5	1.5	—	3914	—	-3.00	0.29 0.30
004	RF Center: THRF1 r=2.19NM	TH852	—	—	-6.5	5.5	L	2175	—	-3.00	0.29 0.30
005	TF	RW08	Y	076 (069.4)	-6.5	5.8	—	332	—	-3.00/50	0.29 0.30
006	TF	TH861	—	076 (069.5)	-6.5	3.1	—	—	—	—	0.29 0.30
007	TF	TH862	—	076 (069.5)	-6.5	4.0	—	—	—	—	1.0
008	TF	TH863	—	016 (009.6)	-6.5	5.5	—	—	—	—	1.0
009	TF	SANGO	—	330 (323.0)	-6.5	10.3	—	5000	—	—	1.0

Waypoint Coordinates

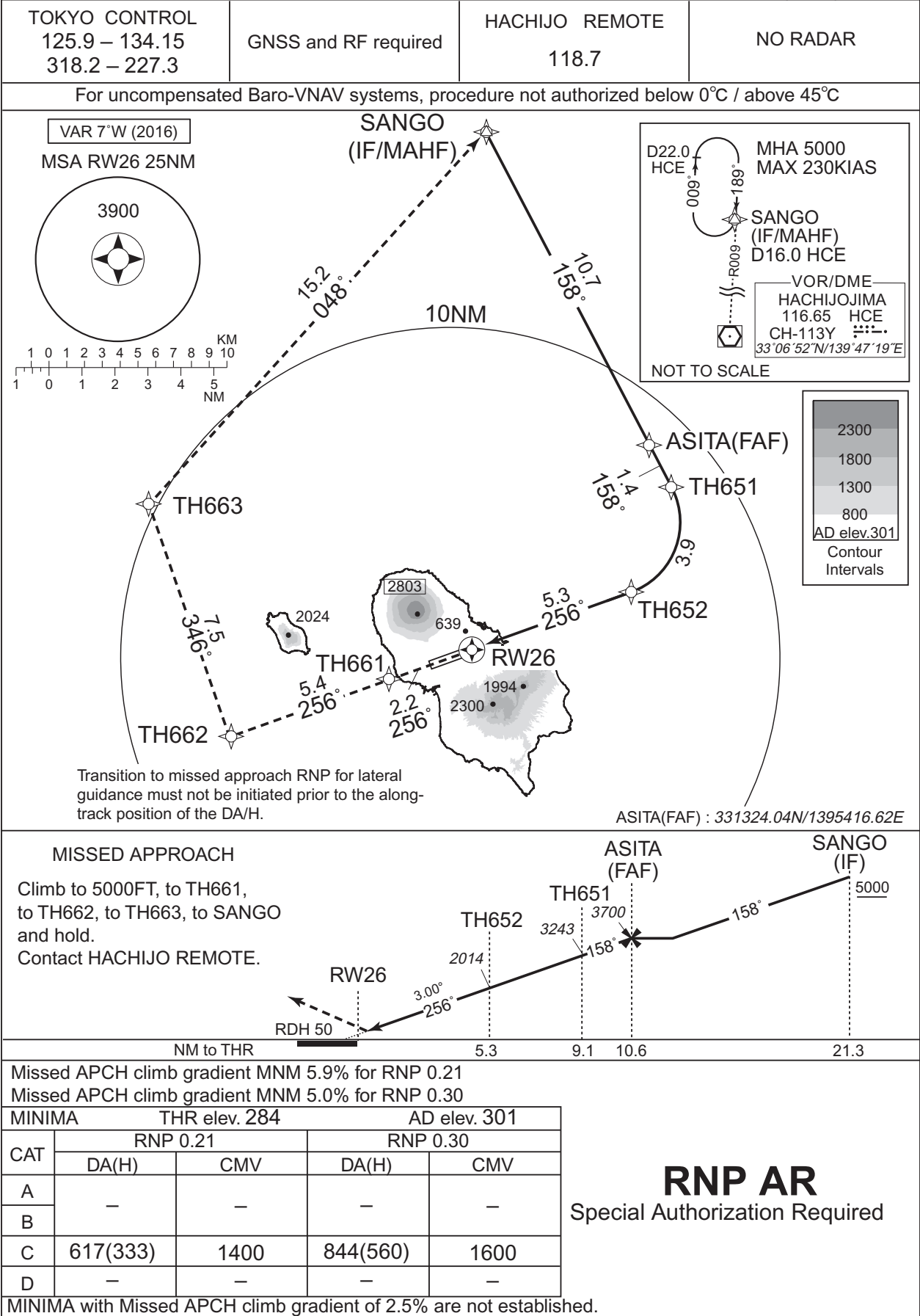
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N/1394814.02E	THRF1	330644.49N/1393910.78E
OJARI	330912.37N/1393756.80E		
TH851	330754.90N/1393658.54E		
TH852	330441.17N/1394005.63E		
RW08	330643.03N/1394633.07E		
TH861	330749.27N/1395004.24E		
TH862	330913.15N/1395432.21E		
TH863	331439.22N/1395537.92E		



INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNAV(RNP) RWY26



## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNAV(RNP) RWY26

RNAV(RNP) RWY26Coding Table

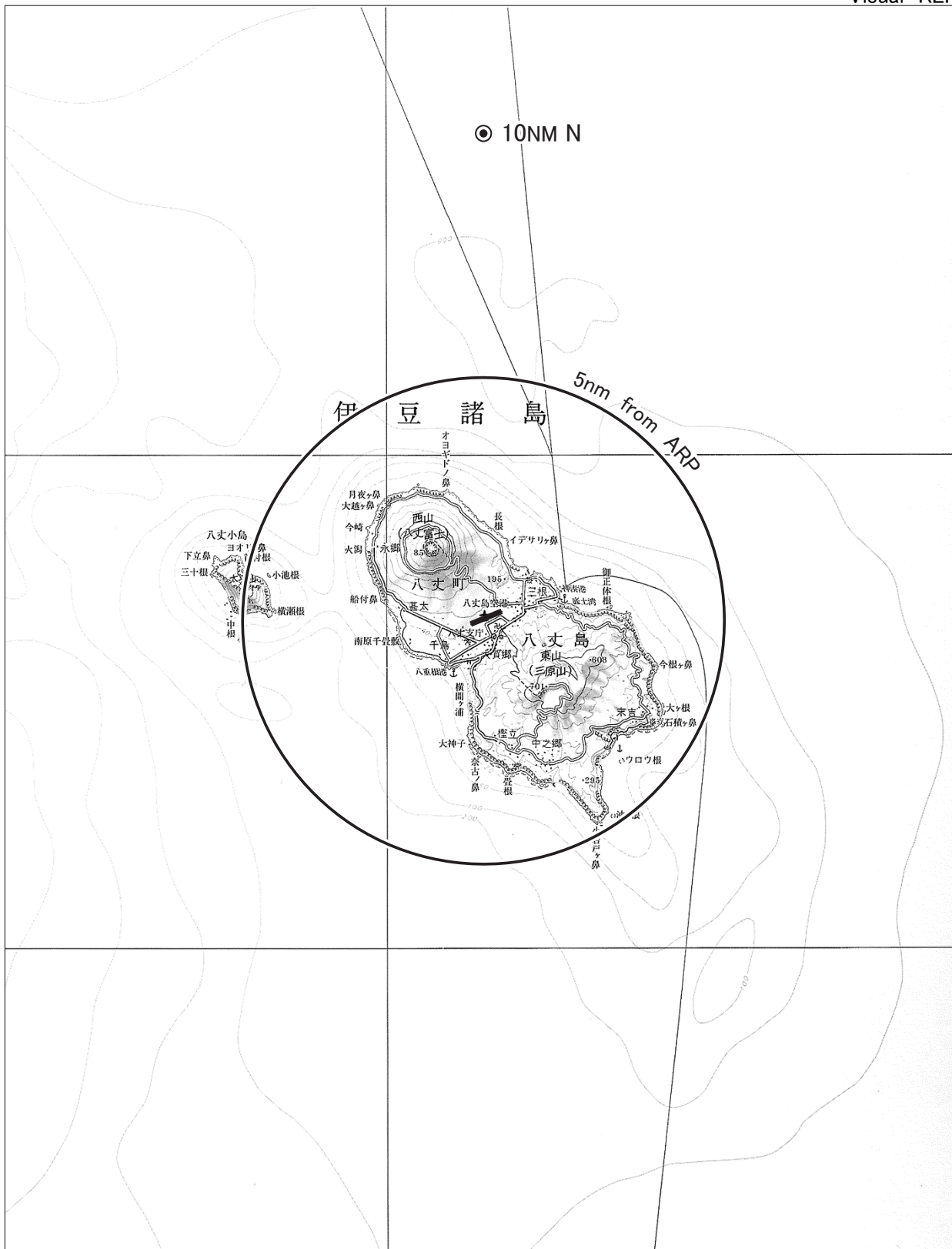
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course 'M('T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH ('/FT)	RNP Value
001	IF	SANGO	—	—	-6.5	—	—	+5000	—	—	—
002	TF	ASITA	—	158 (151.8)	-6.5	10.7	—	3700	—	—	1.0
003	TF	TH651	—	158 (151.9)	-6.5	1.4	—	3243	—	-3.00	0.21 0.30
004	RF Center: THRF2 r=2.26NM	TH652	—	—	-6.5	3.9	R	2014	—	-3.00	0.21 0.30
005	TF	RW26	Y	256 (249.5)	-6.5	5.3	—	334	—	-3.00/50	0.21 0.30
006	TF	TH661	—	256 (249.5)	-6.5	2.2	—	—	—	—	0.21 0.30
007	TF	TH662	—	256 (249.4)	-6.5	5.4	—	—	—	—	1.0
008	TF	TH663	—	346 (339.6)	-6.5	7.5	—	—	—	—	1.0
009	TF	SANGO	—	048 (041.6)	-6.5	15.2	—	5000	—	—	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N/1394814.02E	THRF2	331103.88N/1395242.68E
ASITA	331324.04N/1395416.62E		
TH651	331208.17N/1395505.07E		
TH652	330856.50N/1395339.00E		
RW26	330705.72N/1394745.36E		
TH661	330619.39N/1394517.79E		
TH662	330425.68N/1393916.49E		
TH663	331127.97N/1393608.44E		

RJTH/HACHIJOJIMA

Visual REP



Call sign	BRG / DIST from ARP	Remarks
10NM N	360° /10.0NM	海上 Over the sea

RJTH / HACHIOJIMA

LDG CHART



RJTH / HACHIOJIMA

Minimum Vectoring Altitude CHART



CENTER : 330654N/1394709E (ARP)

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