

RJTH / HACHIJOJIMA

AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

SID

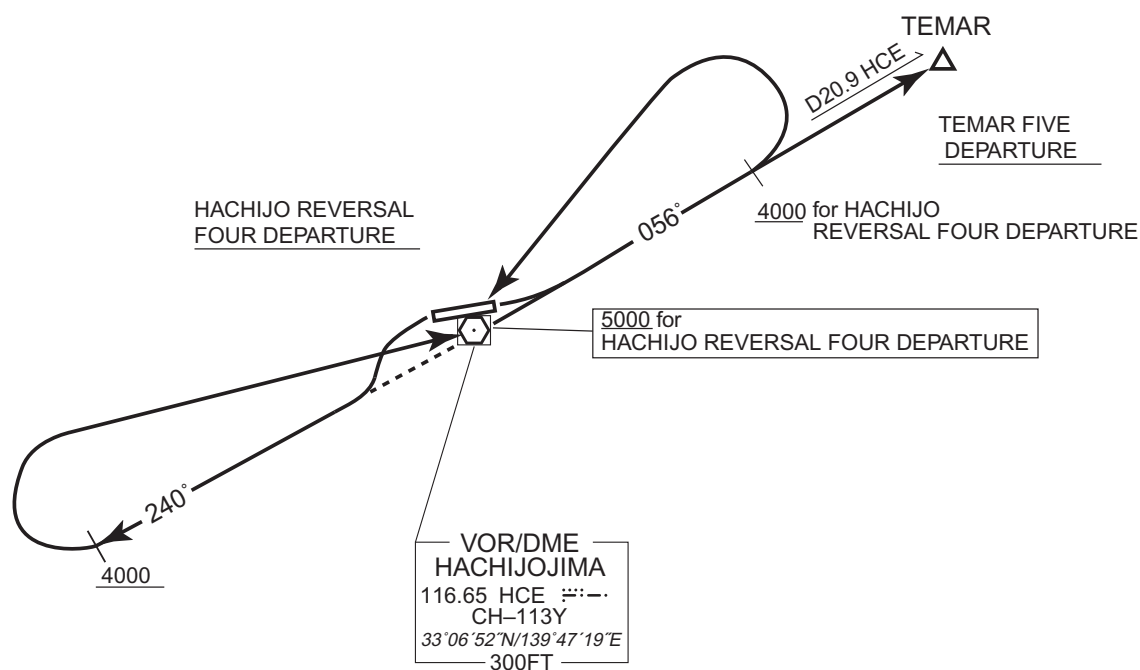
TEMAR FIVE DEPARTURE

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.

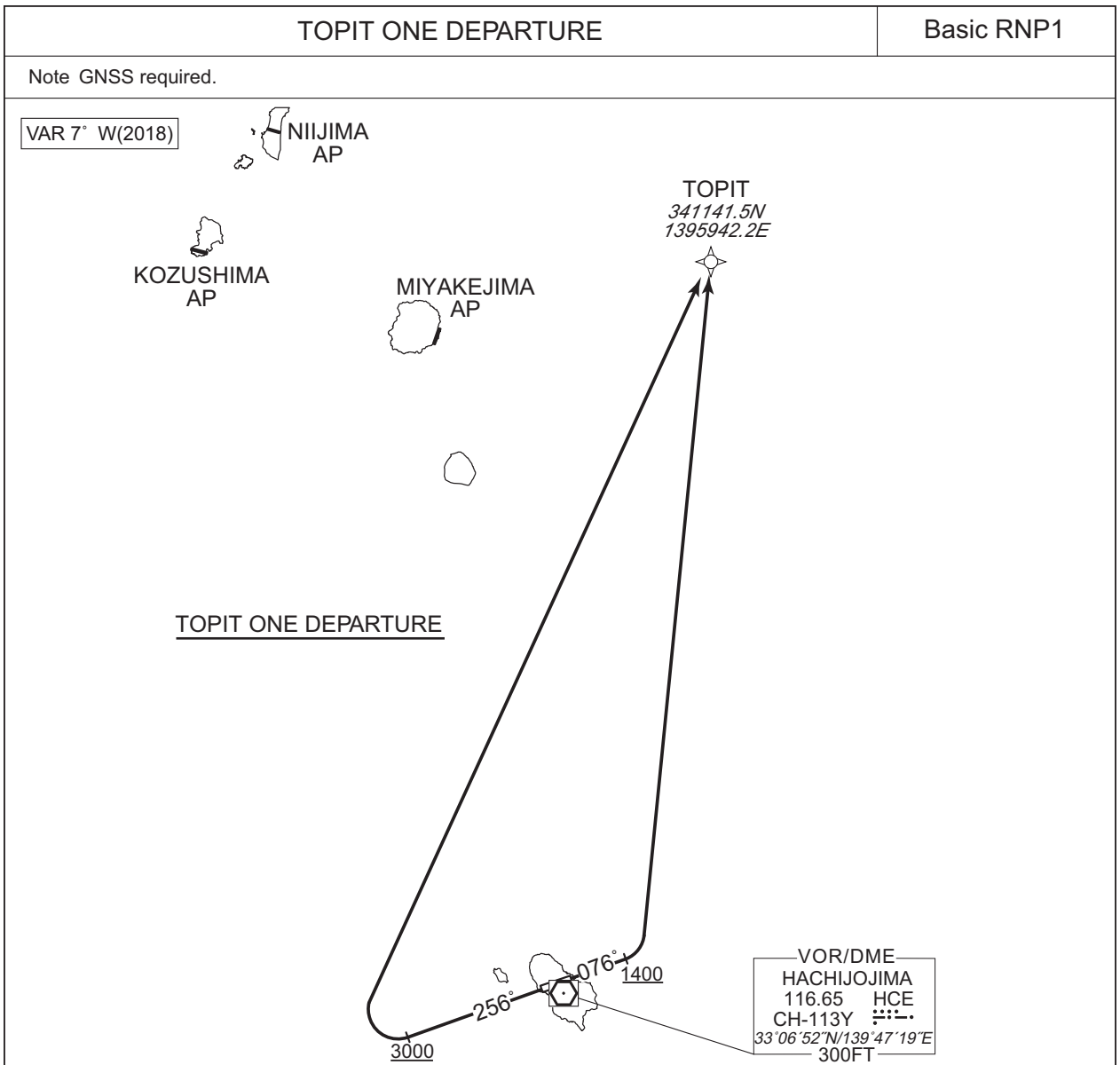
Cross HCE R240/18.0DME at or above 6000FT.



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

INTENTIONALLY LEFT BLANK

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.

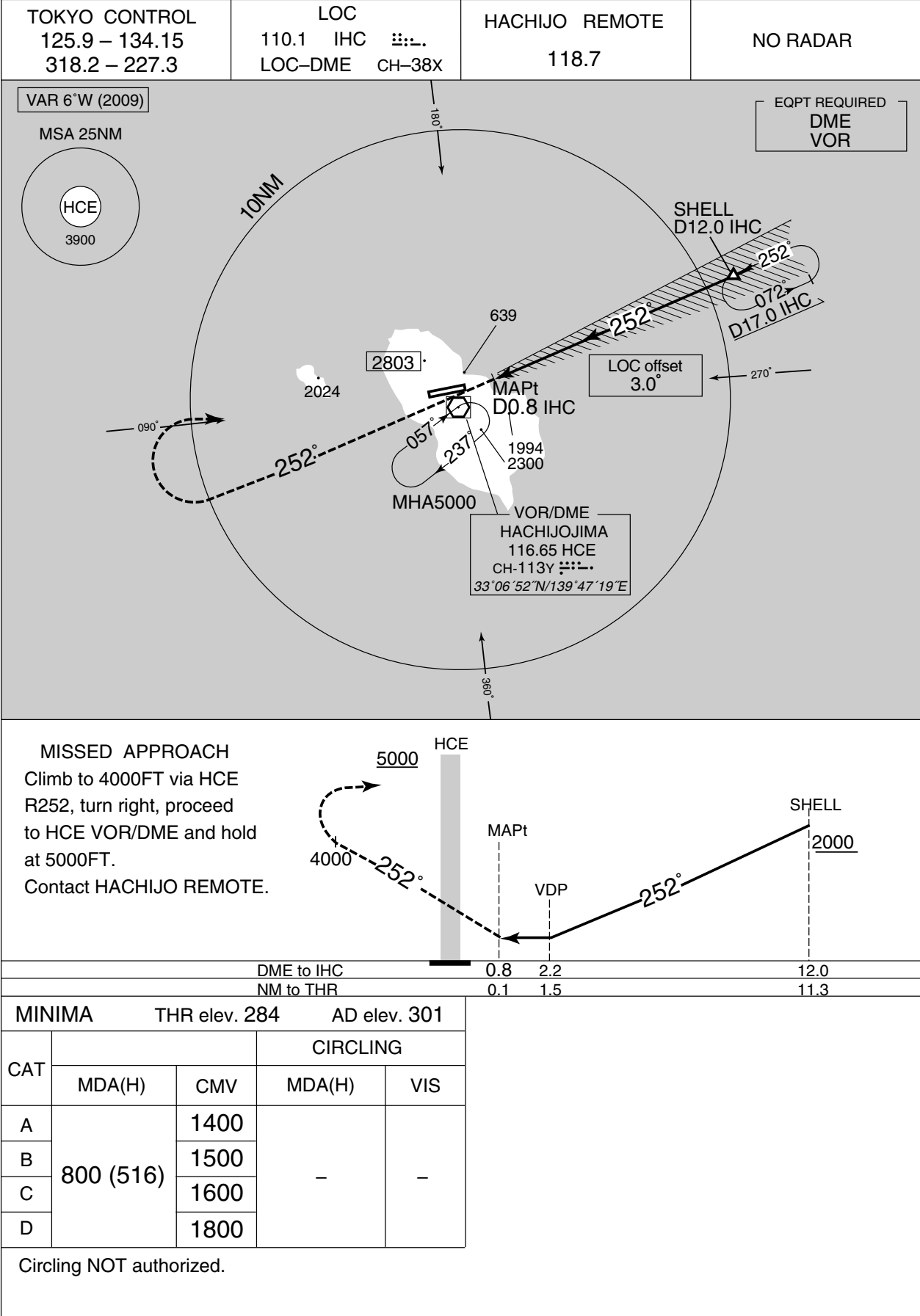
HACHIOJO ARRIVAL



INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART

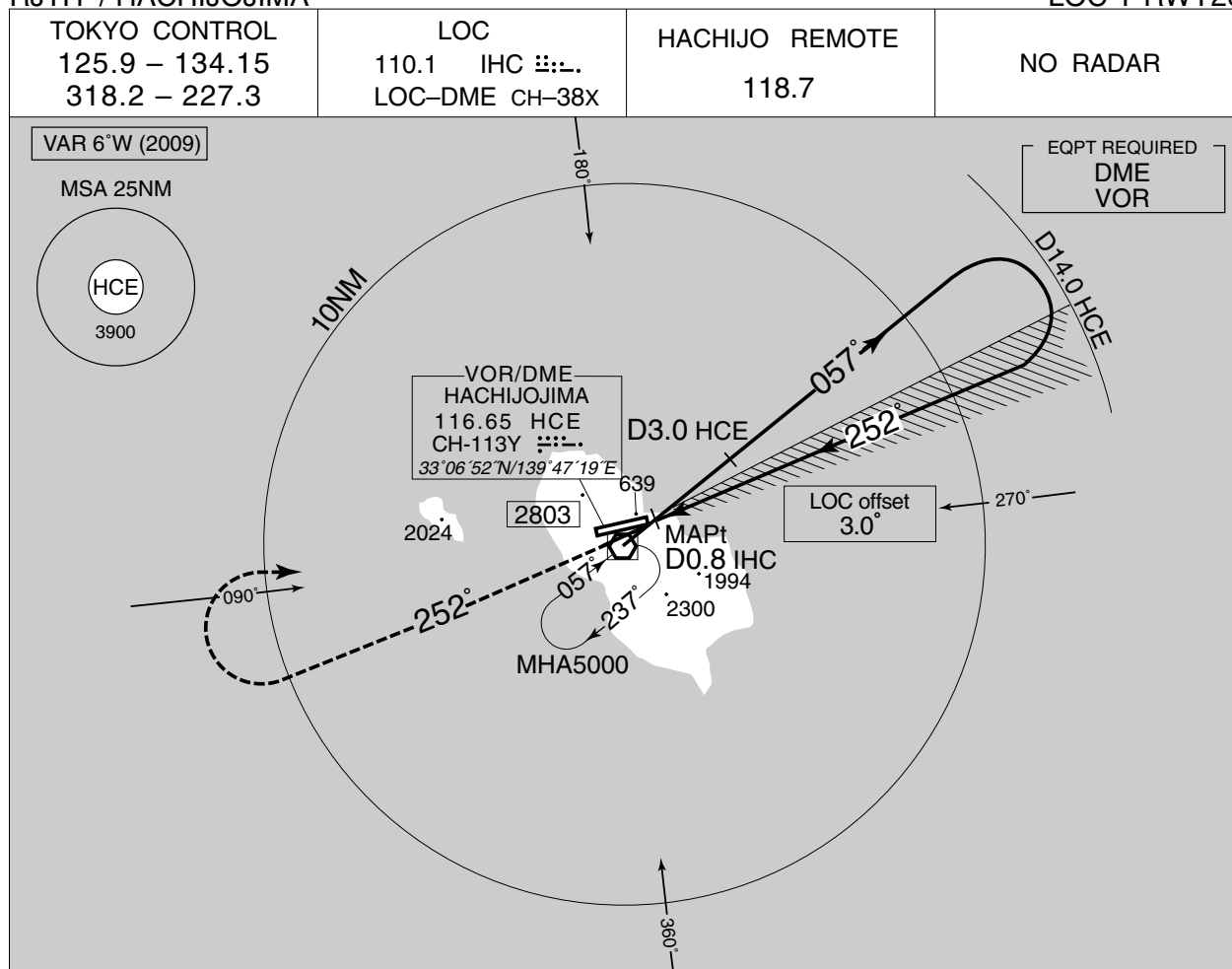
RJTH / HACHIOJIMALOC Z RWY26



INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

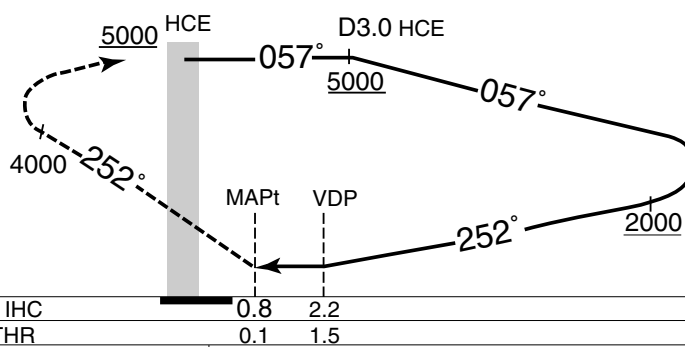
LOC Y RWY26



MISSED APPROACH

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

Remain within D14.0 HCE

DME to IHC
NM to THR

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

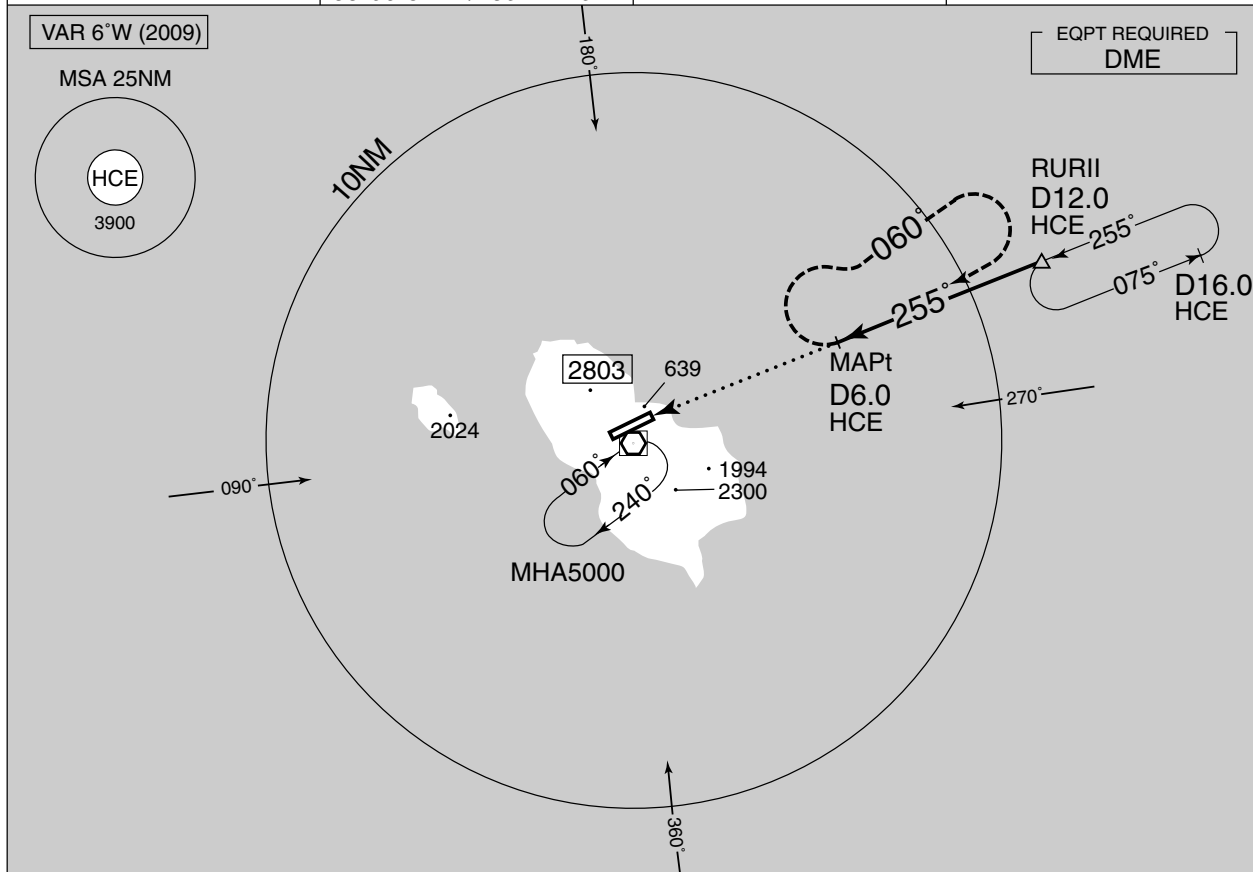
Circling NOT authorized.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

VOR A (For RWY 26)

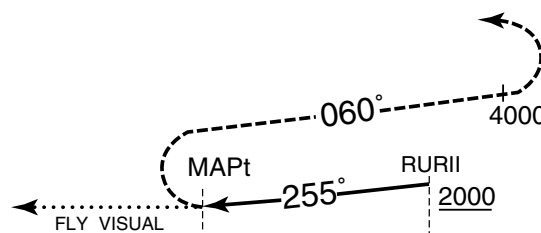
TOKYO CONTROL 125.9 – 134.15 318.2 – 227.3	HACHIOJIMA VOR/DME 116.65 HCE CH-113Y 33°06'52"N / 139°47'19"E	HACHIOJIO REMOTE 118.7	NO RADAR
--	---	---------------------------	----------



MISSED APPROACH

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

HCE 5000



DME to HCE
NM to THR

6.0
5.6

12.0
11.6

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 / 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
--	--	-------------------------	----------



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				6.0	
		NM to THR				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

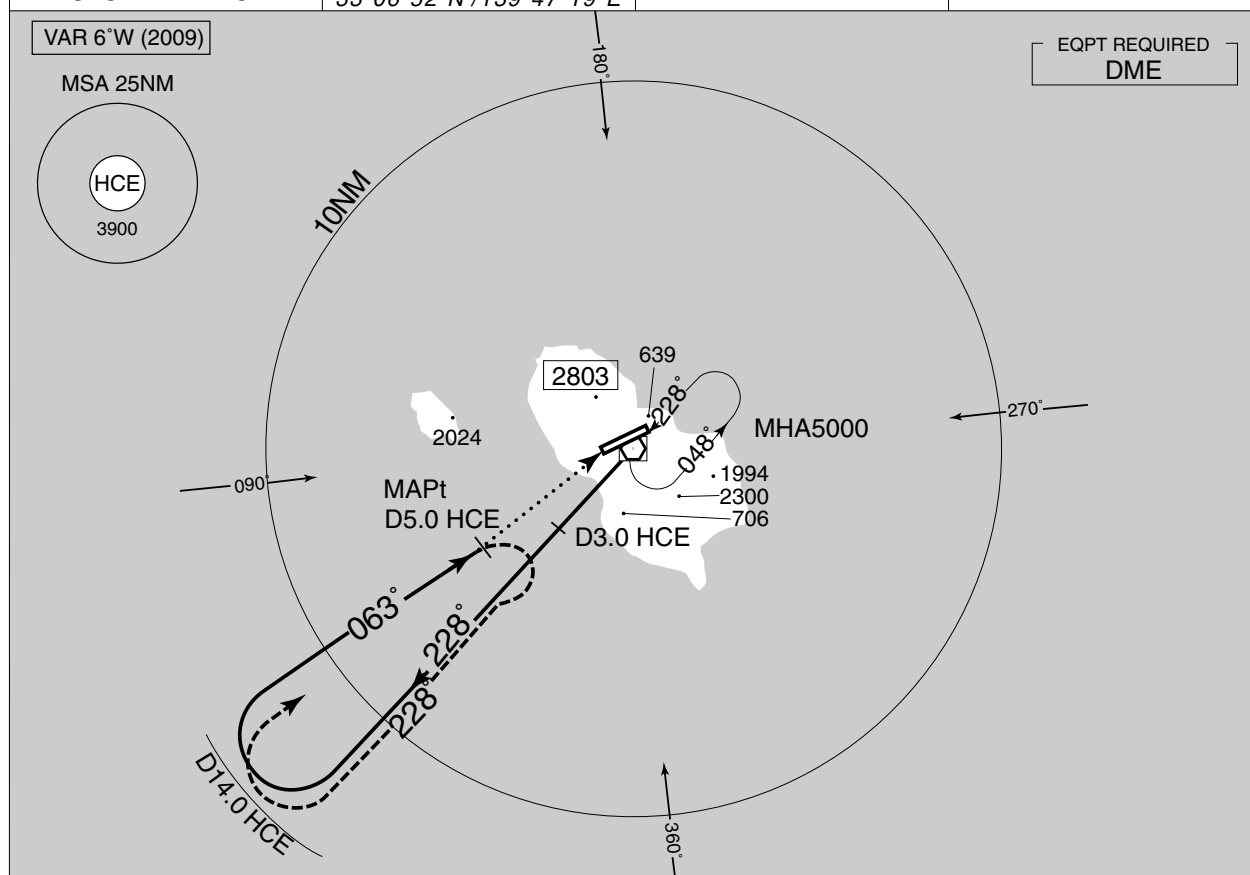
VOR D (For RWY 08)

TOKYO CONTROL
125.9 – 134.15
318.2 – 227.3HACHIOJIMA VOR/DME
116.65 HCE
CH-113Y
33°06'52"N / 139°47'19"EHACHIO REMOTE
118.7

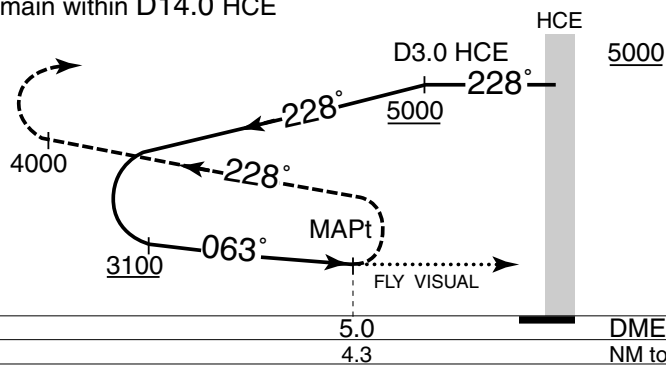
NO RADAR

VAR 6°W (2009)

MSA 25NM

EQPT REQUIRED
DME

Remain within D14.0 HCE



MISSED APPROACH
Turn right, climb to 4000FT via
HCE R228, turn right,
proceed to HCE VOR/DME
and hold at 5000FT.
Contact HACHIO REMOTE.

MINIMA

THR elev. 282

AD elev. 301

CAT	MDA(H)	Facilities			
		Full	Intermediate	Basic	Nil
		VIS			VIS
A	800 (518)	-			4800
B					
C					
D					

MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.

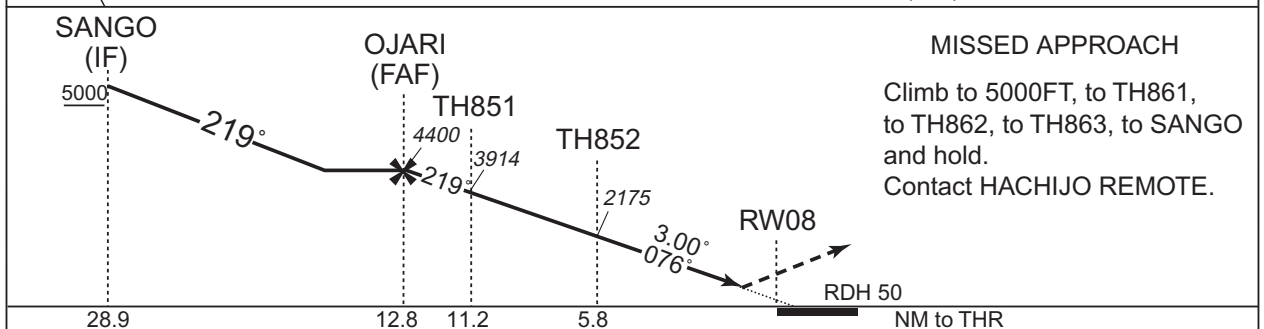
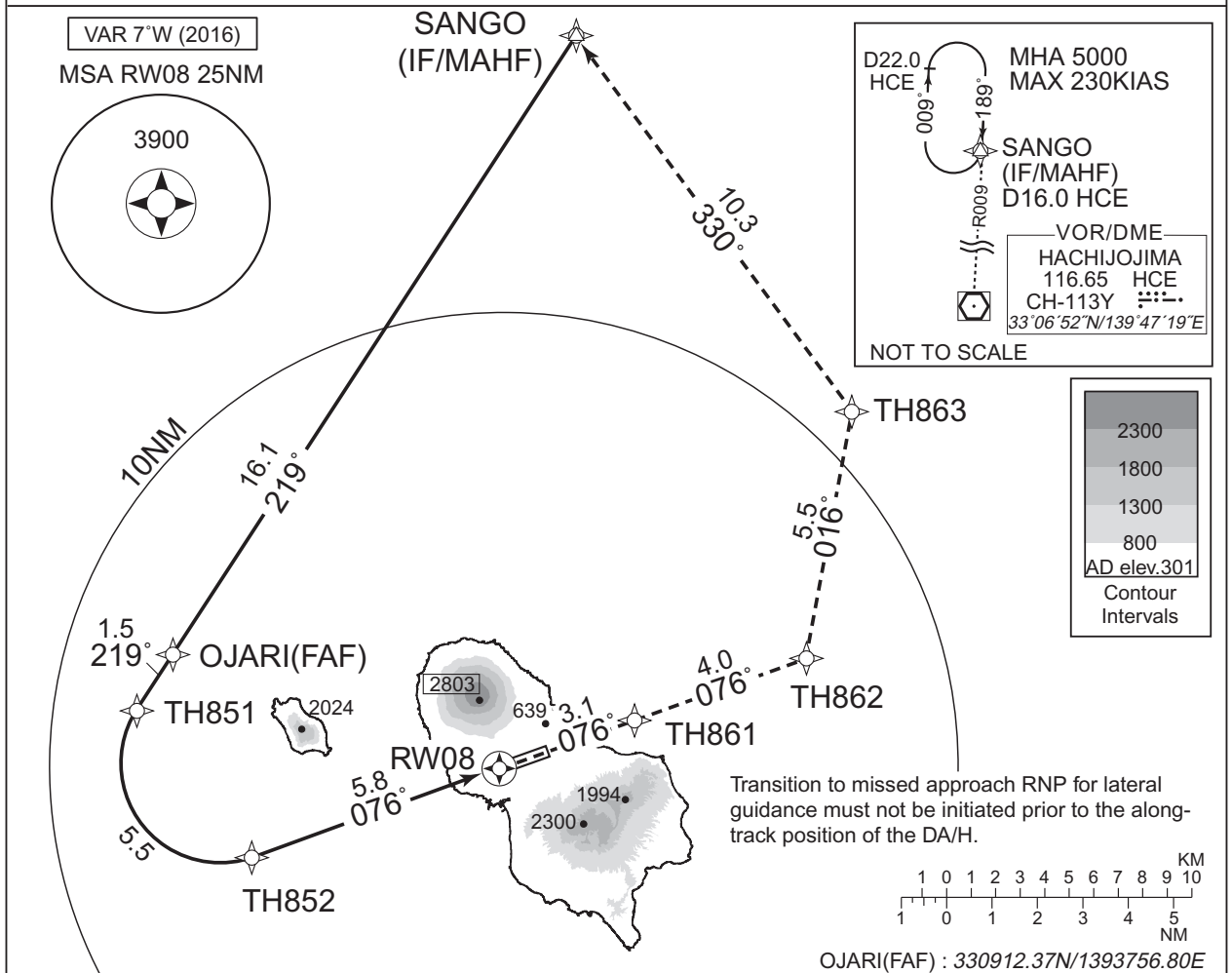
INSTRUMENT APPROACH CHART

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
--	----------------------	--------------------------	----------

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 / HACHIOJIMA

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

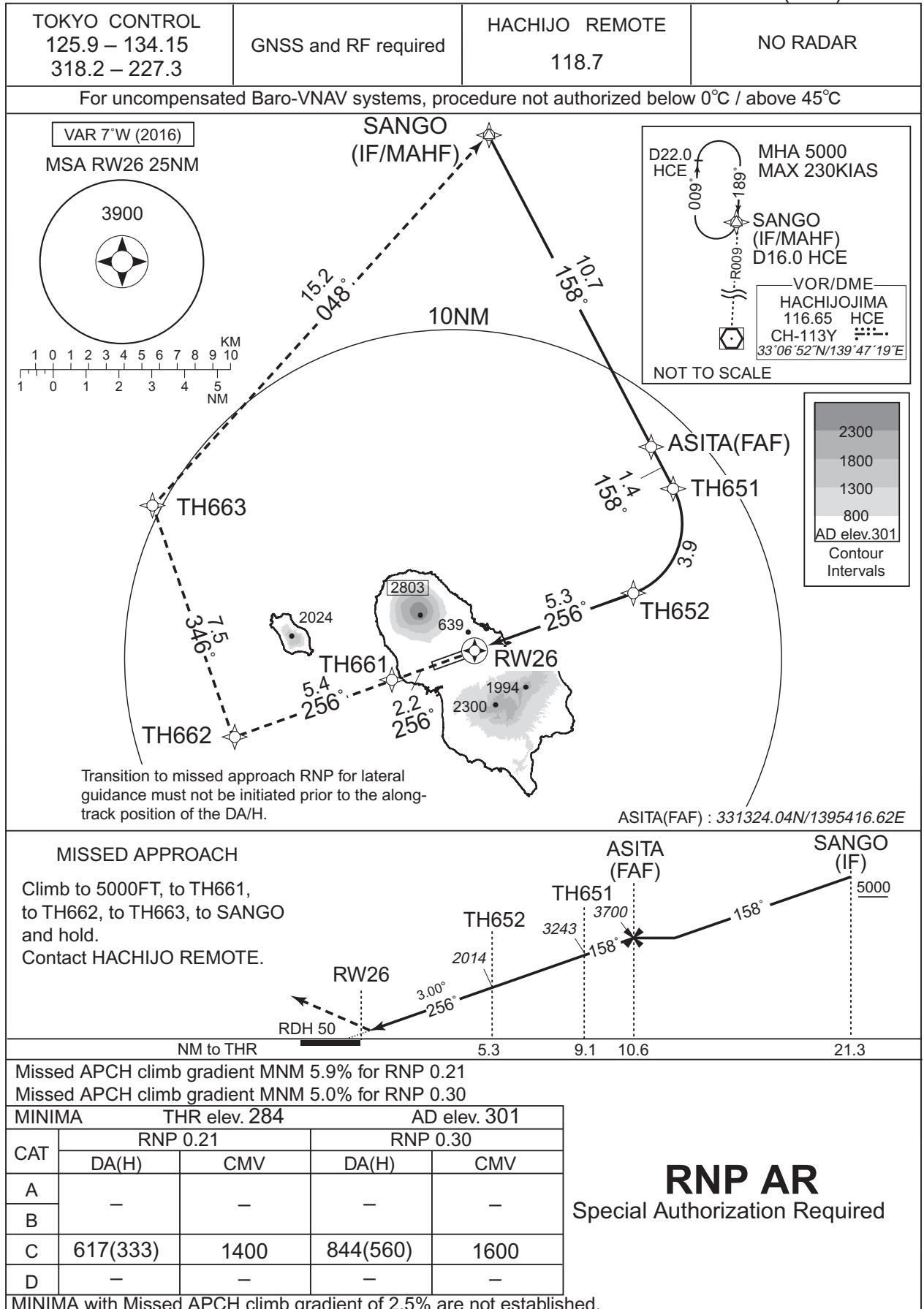
Waypoint Coordinates

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

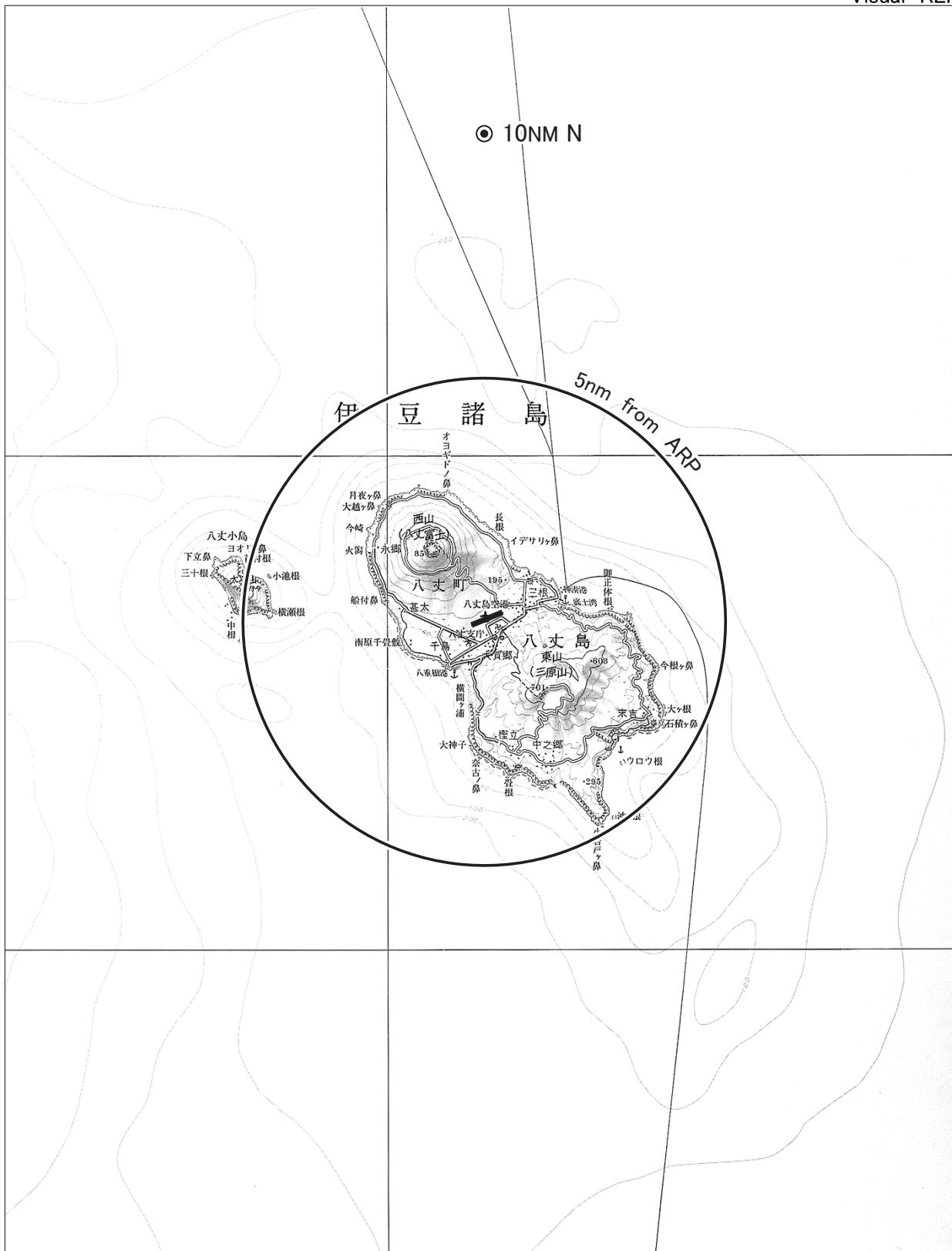
RNAV(RNP) RWY26Coding Table

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		

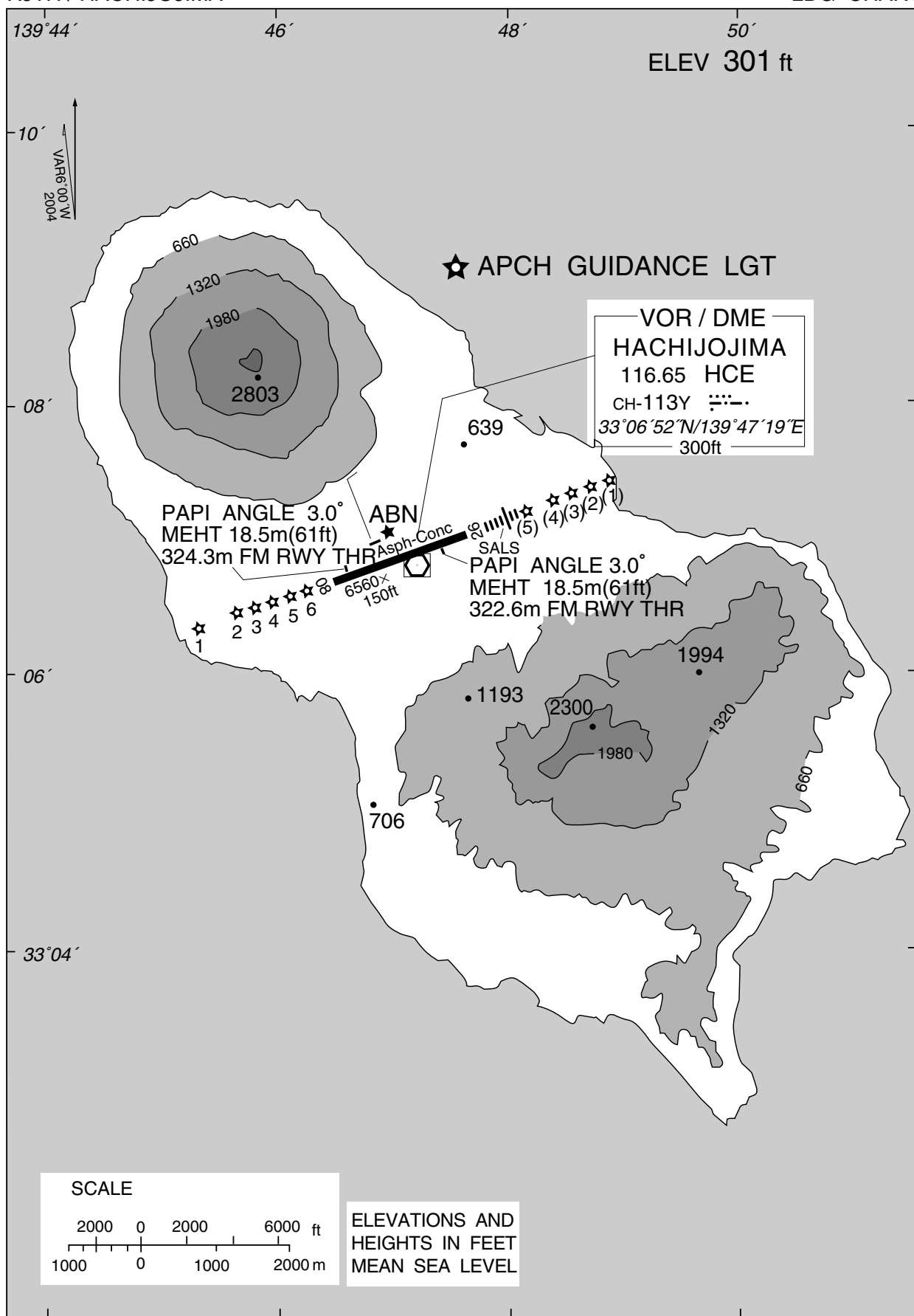
Visual REP



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)

INTENTIONALLY LEFT BLANK