

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.

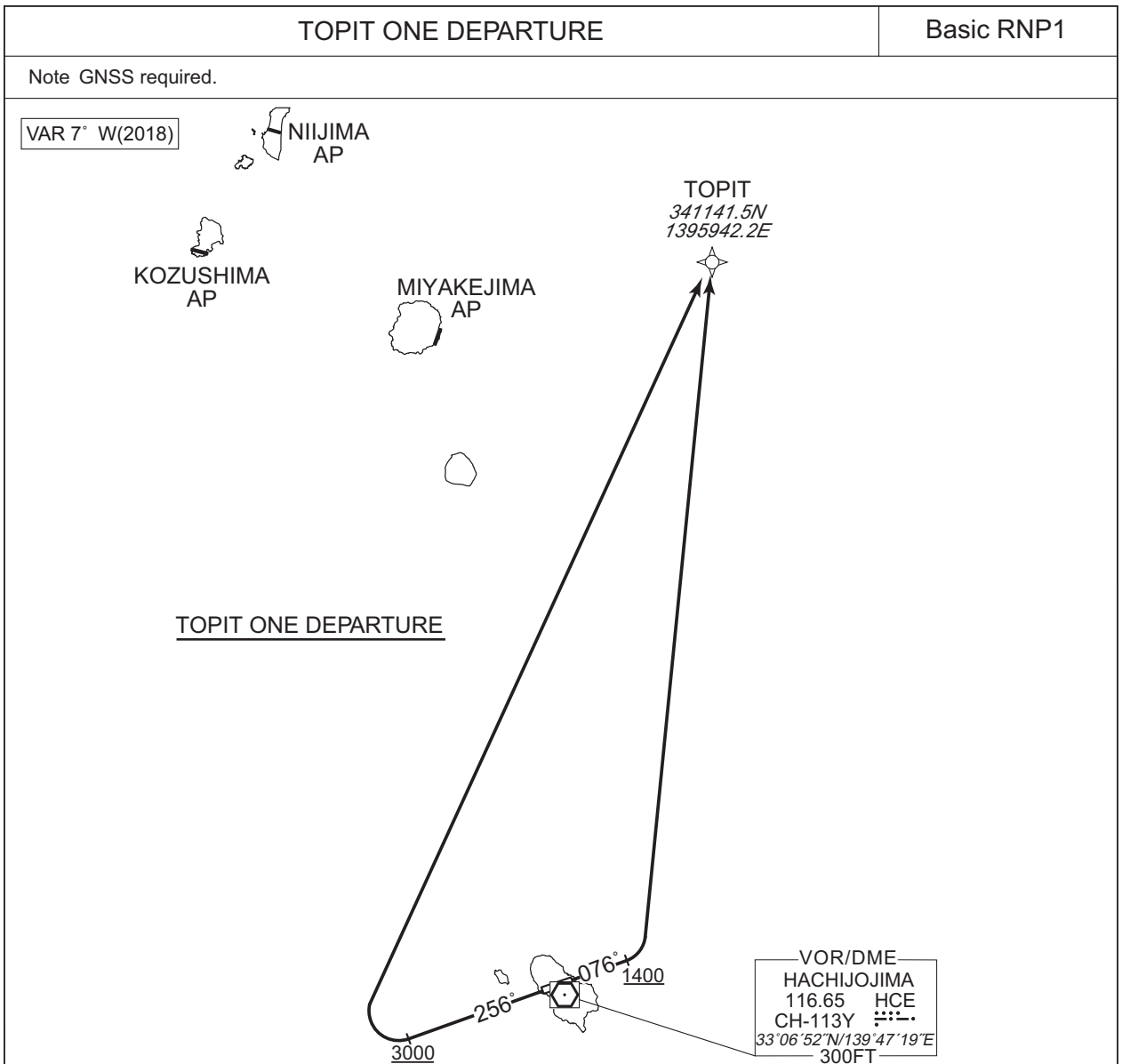
Cross HCE R240/18.0DME at or above 6000FT.



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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RJTH / HACHIJOJIMA

LOC Z RWY26

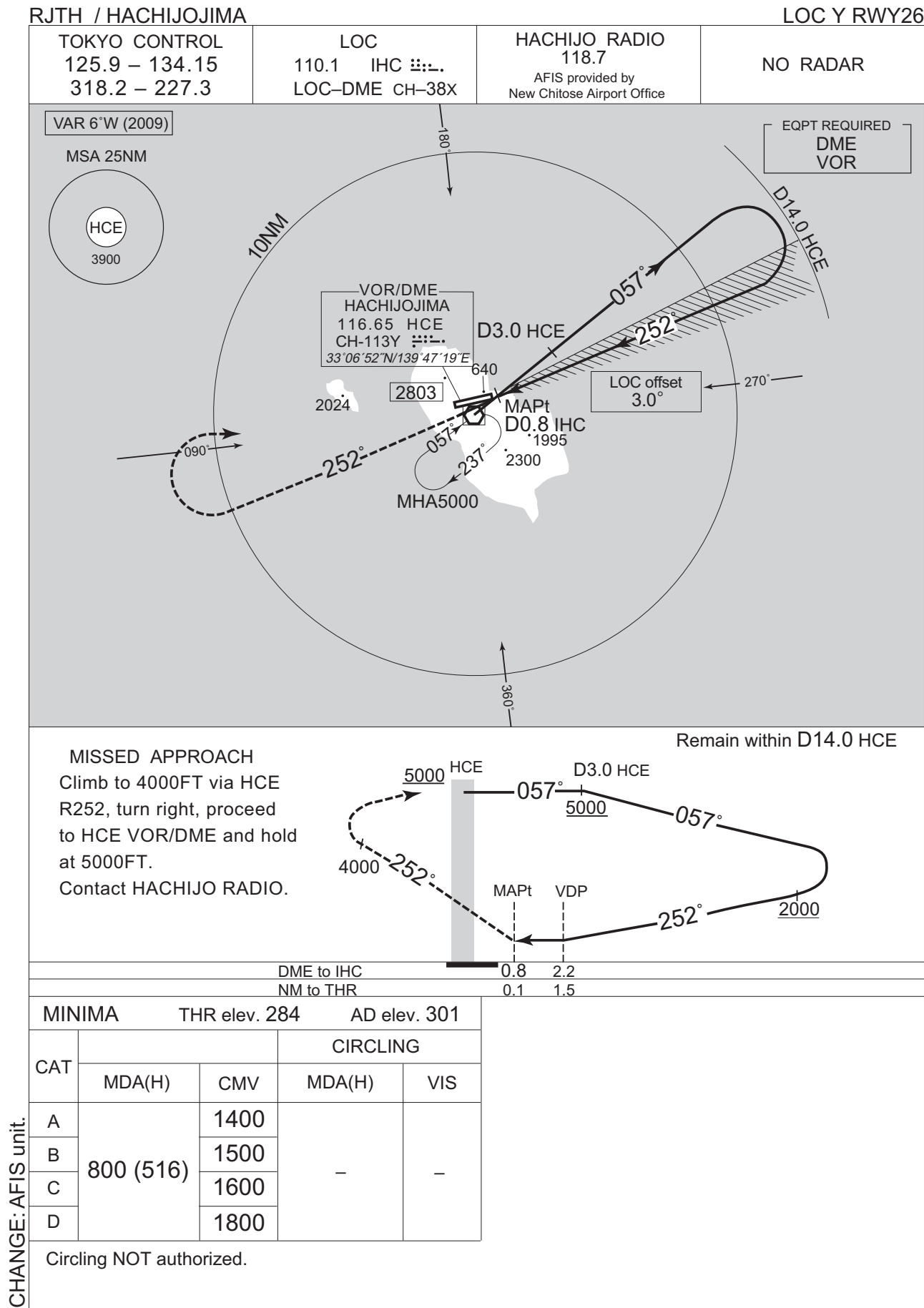
VOR/DME
HACHIJOJIMA
116.65 HCE
CH-113Y 彡:-.
33°06'52"N/139°47'19"E

Figure 1: A schematic diagram of the experimental setup for the HCE-SHELL system. The diagram shows a cross-section of the system with a vertical HCE layer and a horizontal SHELL layer. The HCE layer is labeled 'HCE' and has a height of 5000. The SHELL layer is labeled 'SHELL' and has a height of 2000. The distance between the HCE and SHELL layers is 4000. The angle between the HCE and SHELL layers is 252 degrees. The diagram also shows the positions of MAPt and VDP relative to the HCE and SHELL layers. The x-axis is labeled 'o IHC' and 'THR' with values 0.8, 2.2, and 12.0. The y-axis is labeled 'HCE' and 'SHELL' with values 5000 and 2000.

CHANGE: AFIS unit.

Circling NOT authorized.

INSTRUMENT APPROACH CHART



CHANGE: AFIS unit.

RJTH / HACHIJOJIMA

VOR A (For RWY 26)

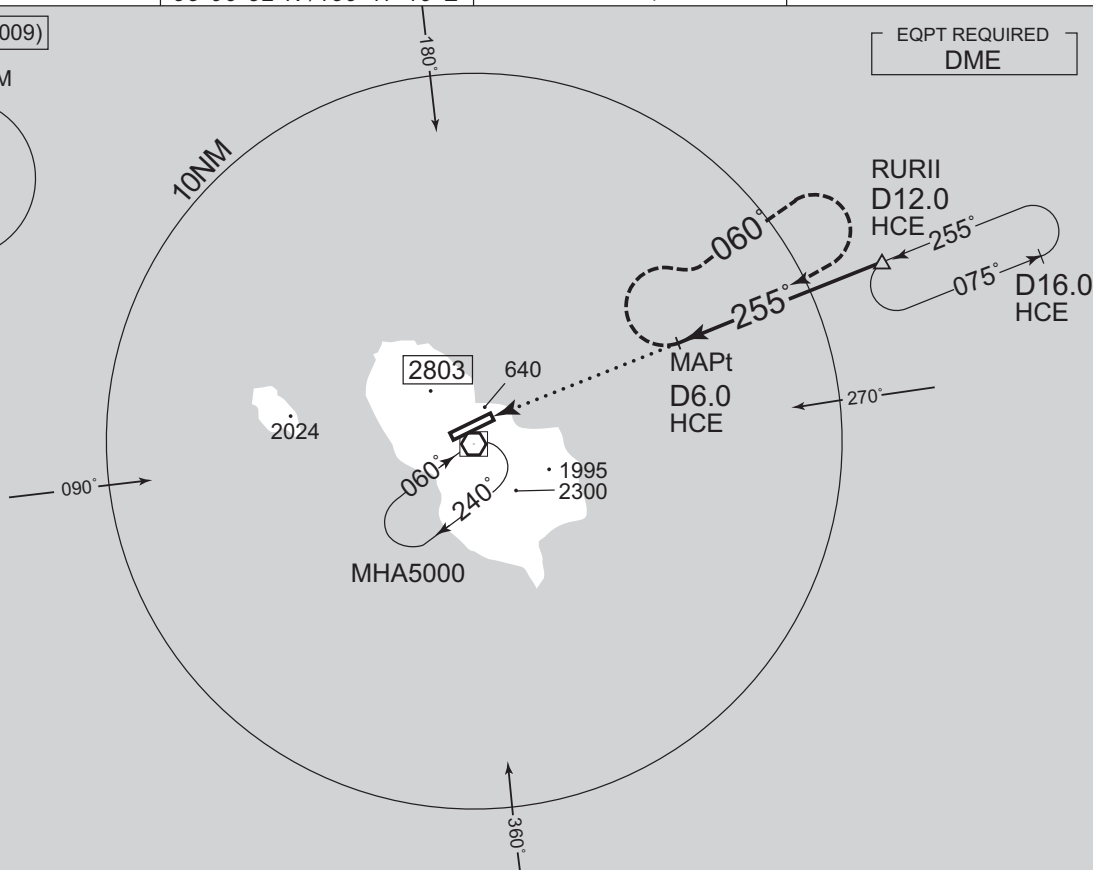
VAR 6°W (2009)

MSA 25NM

HCE

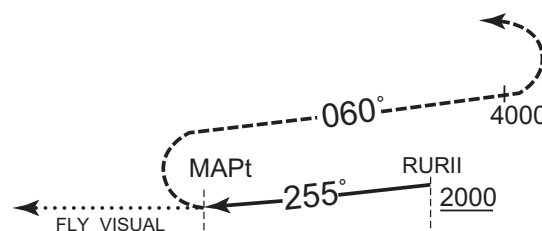
3900

- EQPT REQUIRED
DME



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

HCE
5000



MINIMA

THR elev. 284

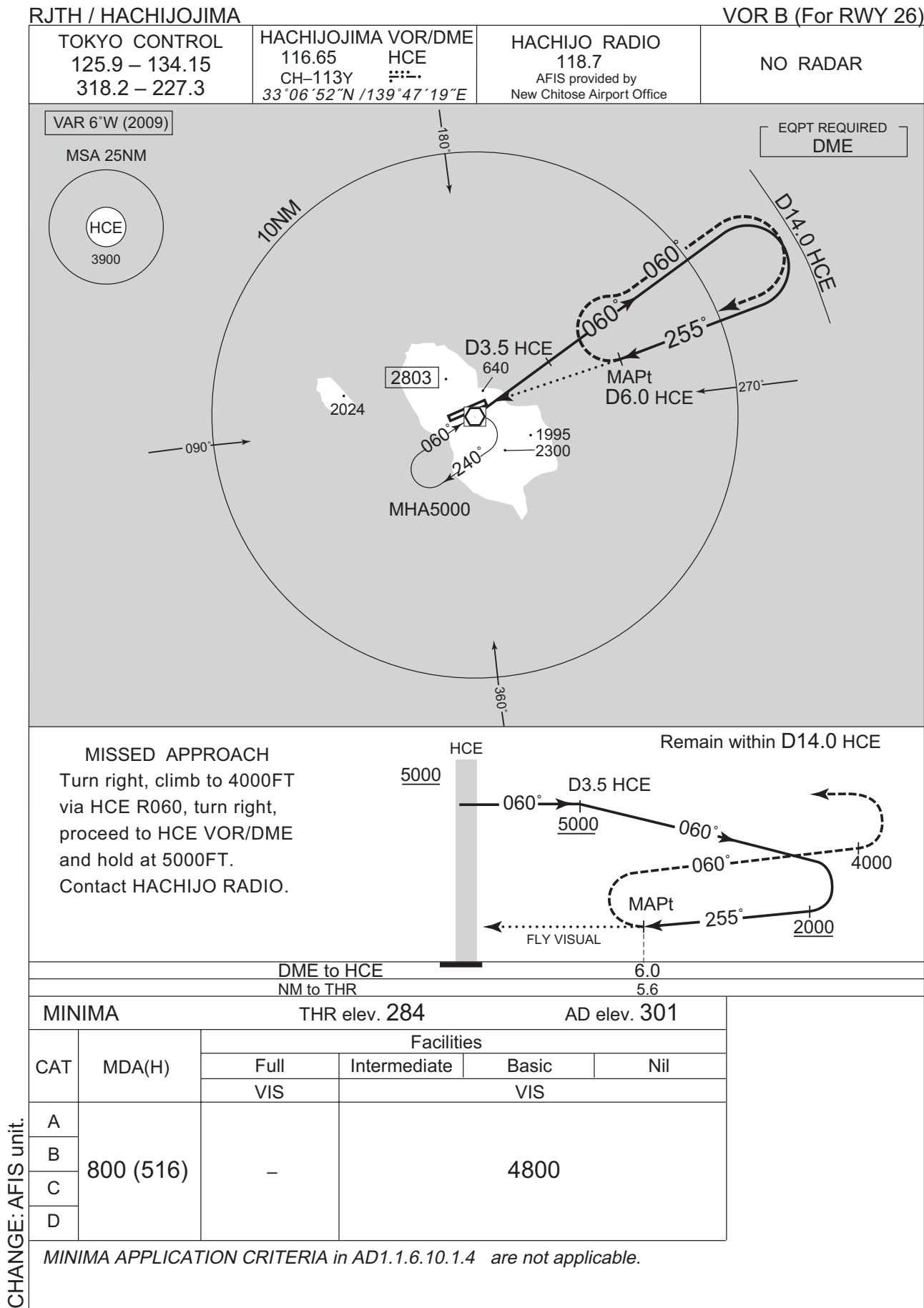
AD elev. 301

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.

CHANGE: AFIS unit.

INSTRUMENT APPROACH CHART

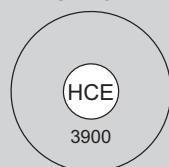


RJTH / HACHIJOJIMA

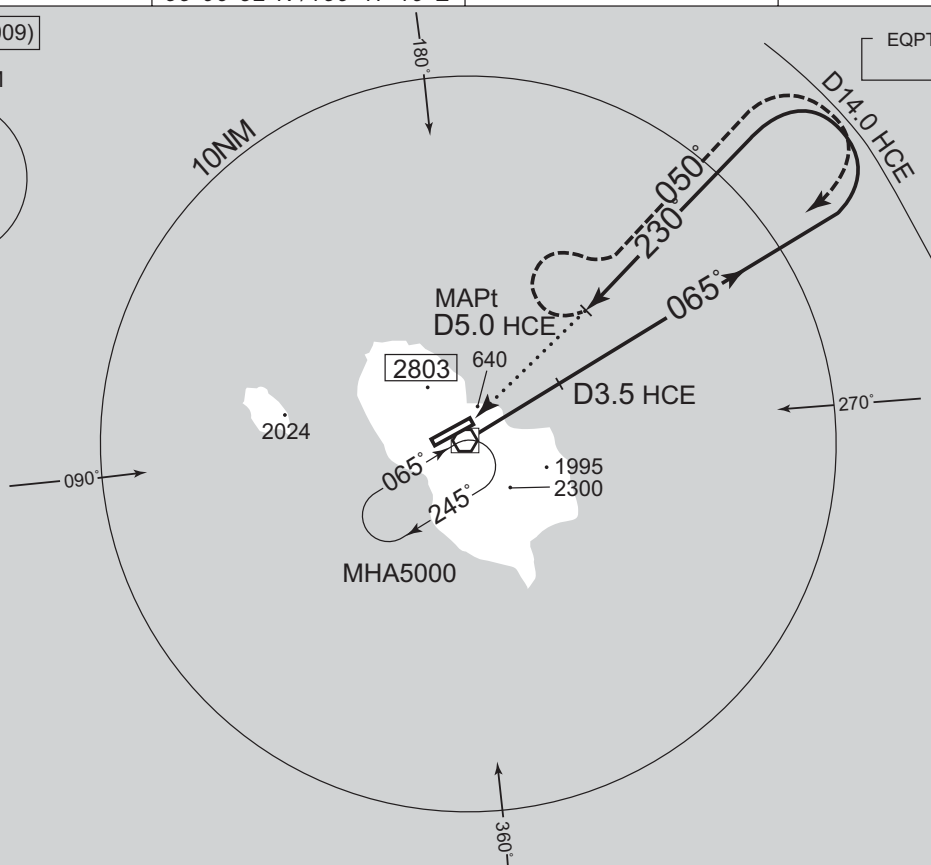
VOR C (For RWY 26)

VAR 6°W (2009)

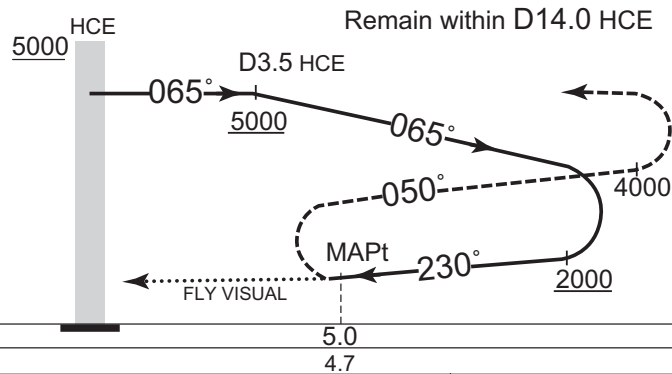
MSA 25NM



EQPT REQUIRED
DME



Turn right, climb to 4000FT
via HCE R050, turn right,
proceed to HCE VOR/DME
and hold at 5000FT.
Contact HACHIJO RADIO.



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.

CHANGE: AFIS unit.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

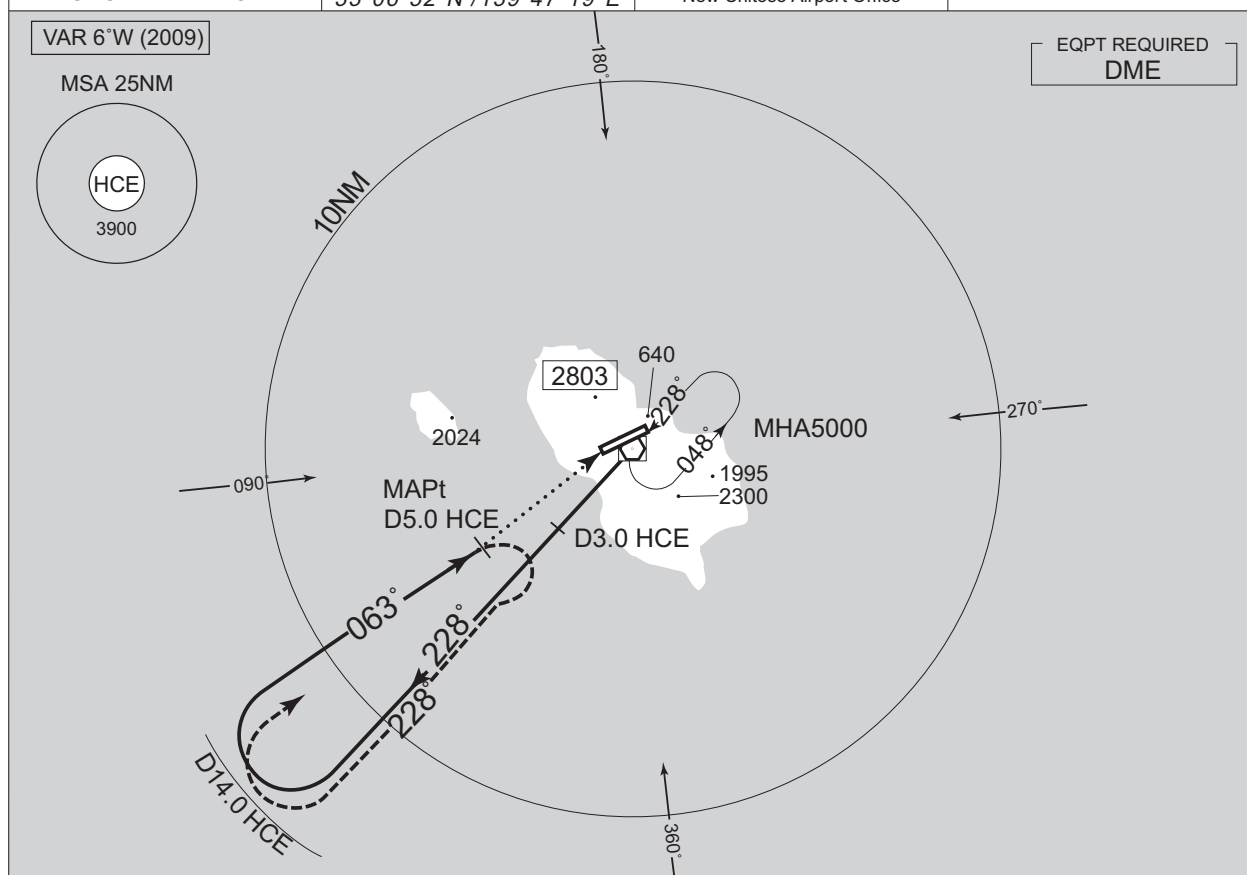
VOR D (For RWY 08)

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 RADIO
118.7
AFIS provided by
New Chitose Airport Office

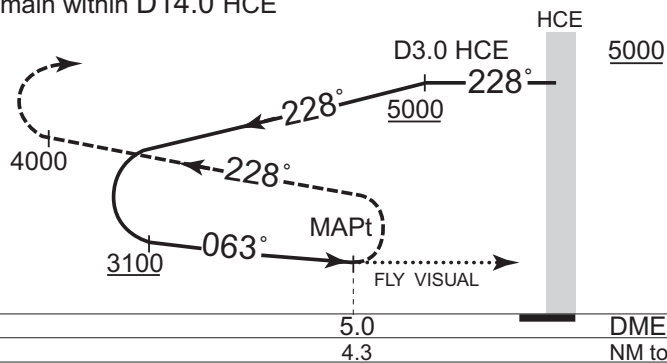
NO RADAR

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 RADIO.

5.0 DME to HCE
4.3 NM to THR

MINIMA

THR elev. 282

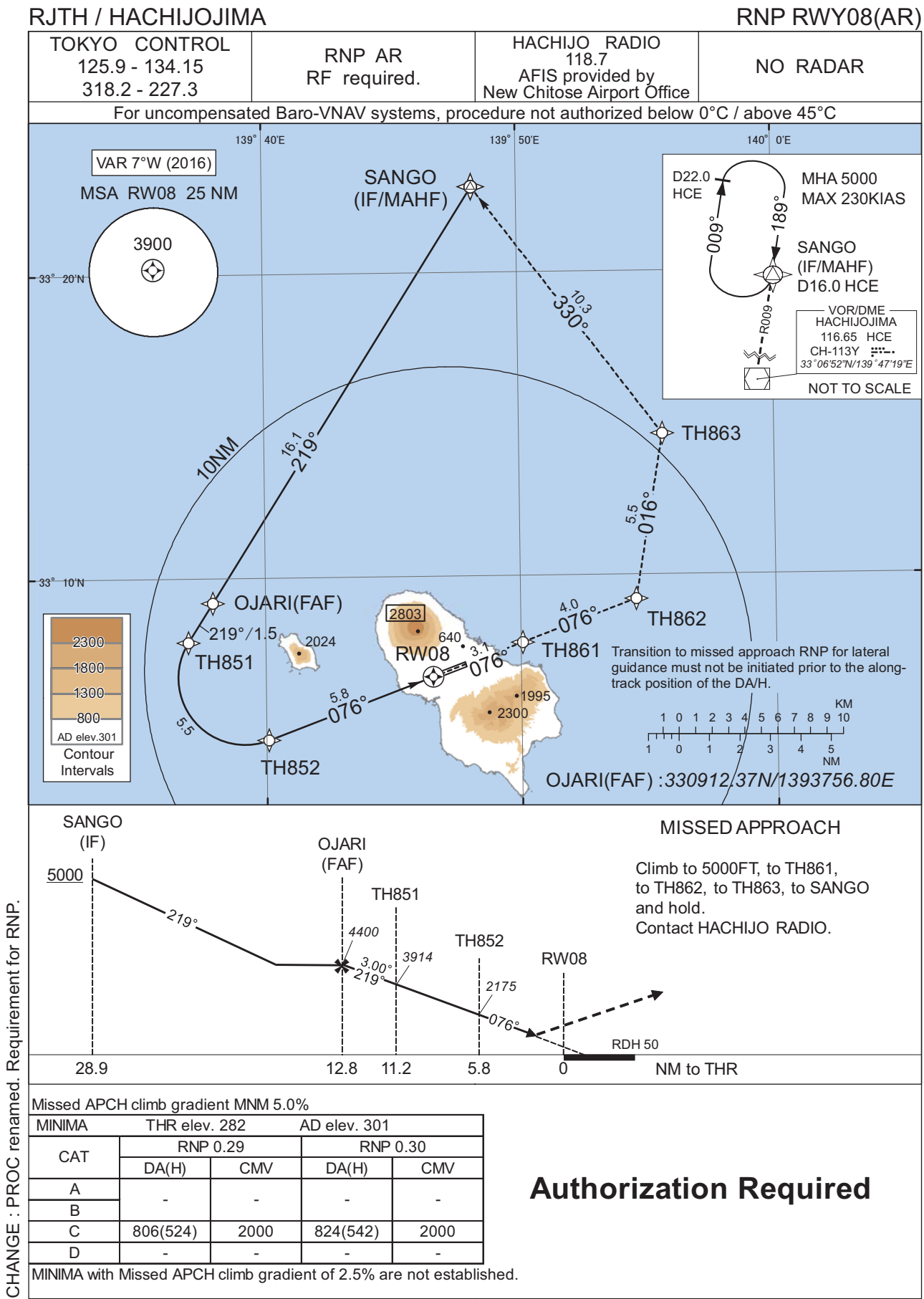
AD elev. 301

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.

CHANGE: AFIS unit.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP RWY08(AR)

Coding Table

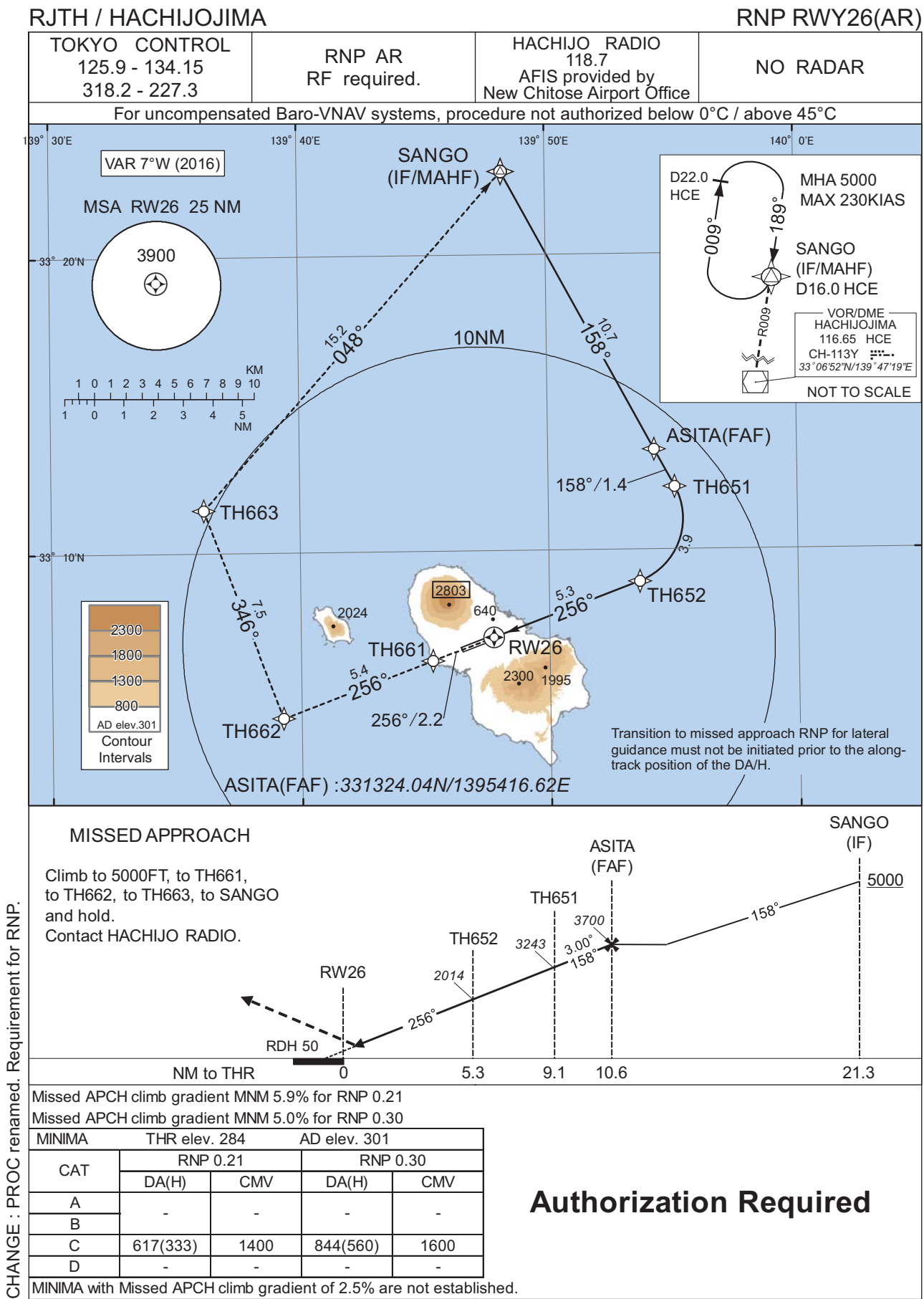
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	SANGO	-	-	-6.5	-	-	+5000	-	-	-
002	TF	OJARI	-	219 (212.3)	-6.5	16.1	-	4400	-	-	1.0
003	TF	TH851	-	219 (212.2)	-6.5	1.5	-	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		

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP RWY26(AR)

Coding 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		

CHANGE : PROC renamed.

RJTH / HACHIOJIMA

Visual REP



CHANGE : Map updated.

※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
10NM N	360°T / 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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