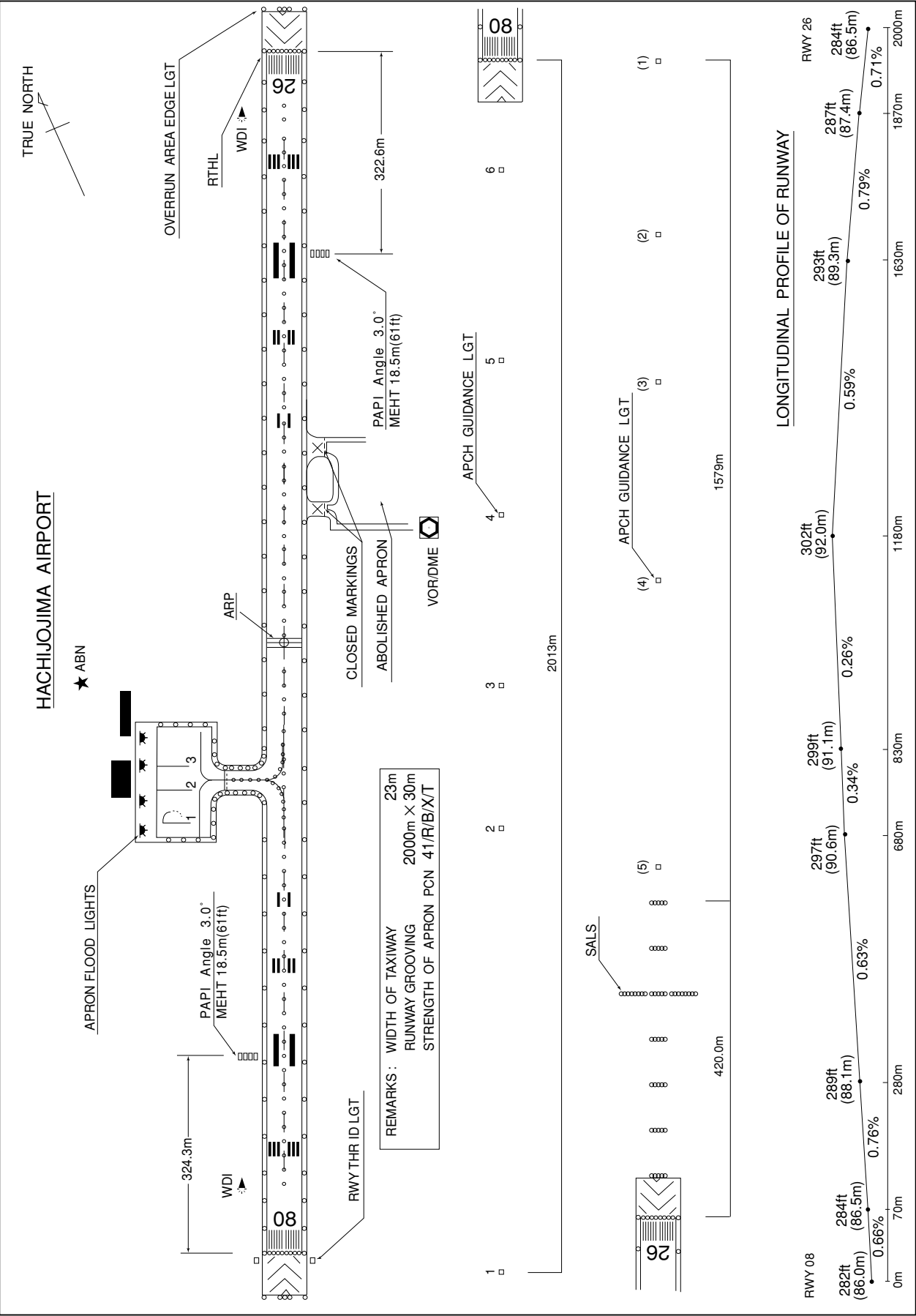


RJTH / HACHIOJIMA

AD CHART



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STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

SID

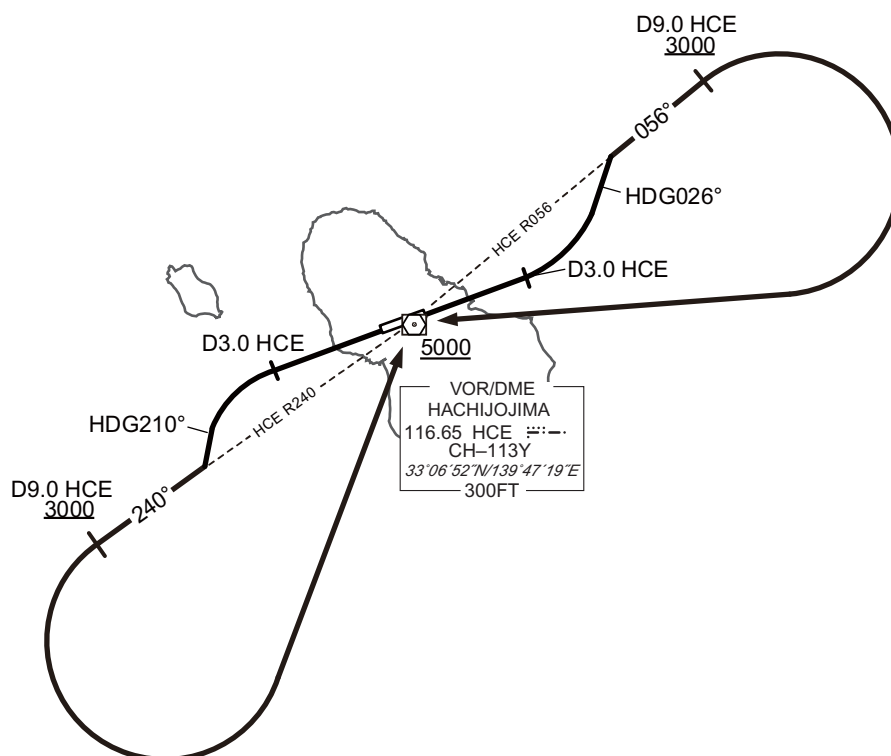
HACHIOJO REVERSAL FIVE DEPARTURE

RWY08 : Climb RWY HDG to HCE 3.0DME, turn left HDG 026° to intercept and proceed via HCE R056 to 9.0DME, turn right, direct to HCE VOR/DME.

Cross HCE R056/9.0DME at or above 3000FT,
cross HCE VOR/DME at or above 5000FT.

RWY26 : Climb RWY HDG to HCE 3.0DME, turn left HDG 210° to intercept and proceed via HCE R240 to 9.0DME, turn left, direct to HCE VOR/DME.

Cross HCE R240/9.0DME at or above 3000FT,
cross HCE VOR/DME at or above 5000FT.

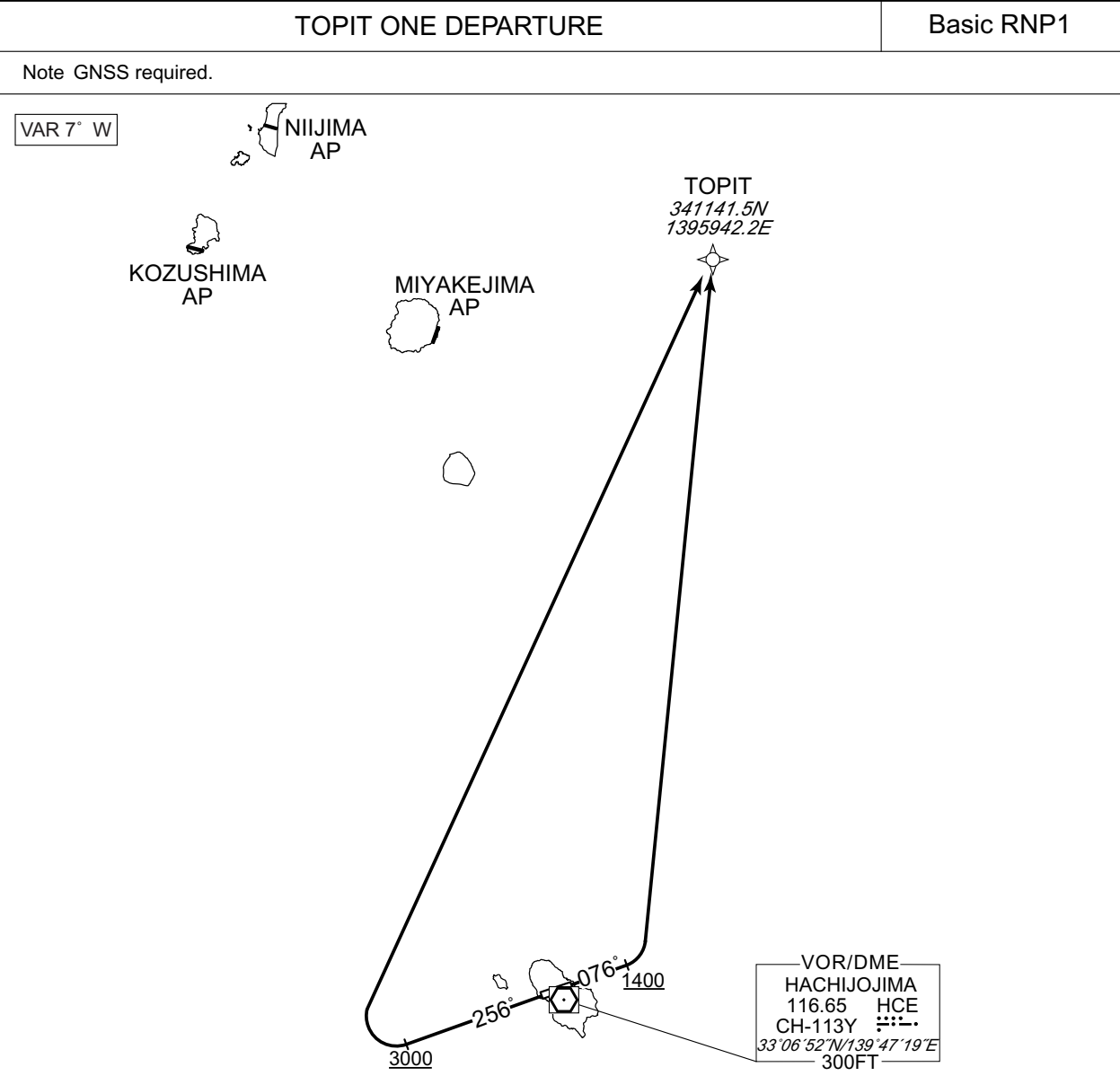


CHANGE : TEMAR FIVE DEPARTURE abolished. PROC renamed. PROC course. ALT restriction added(D9.0 HCE).

STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA

RNAV SID



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

CHANGE : Description of VAR and PROC name.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTH/HACHIOJIMA

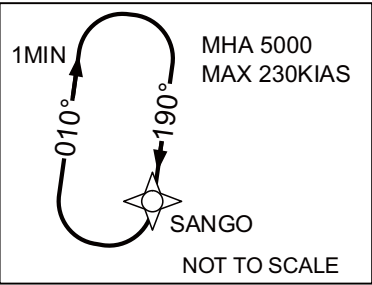
RNAV STAR RWY26

SANGO ARRIVAL

Basic RNP1

Note GNSS required.

VAR7°W



SANGO
332250.4N
1394814.0E
5000



9.5
134°

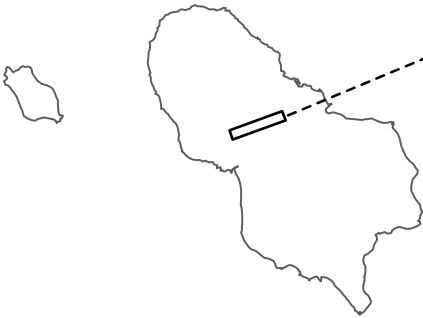


TH671
331705.1N
1395719.0E

16.0
164°



SHELL
331133.7N
1400008.6E
2000



From SANGO at or above 5000FT, to TH671, to SHELL at or above 2000FT.

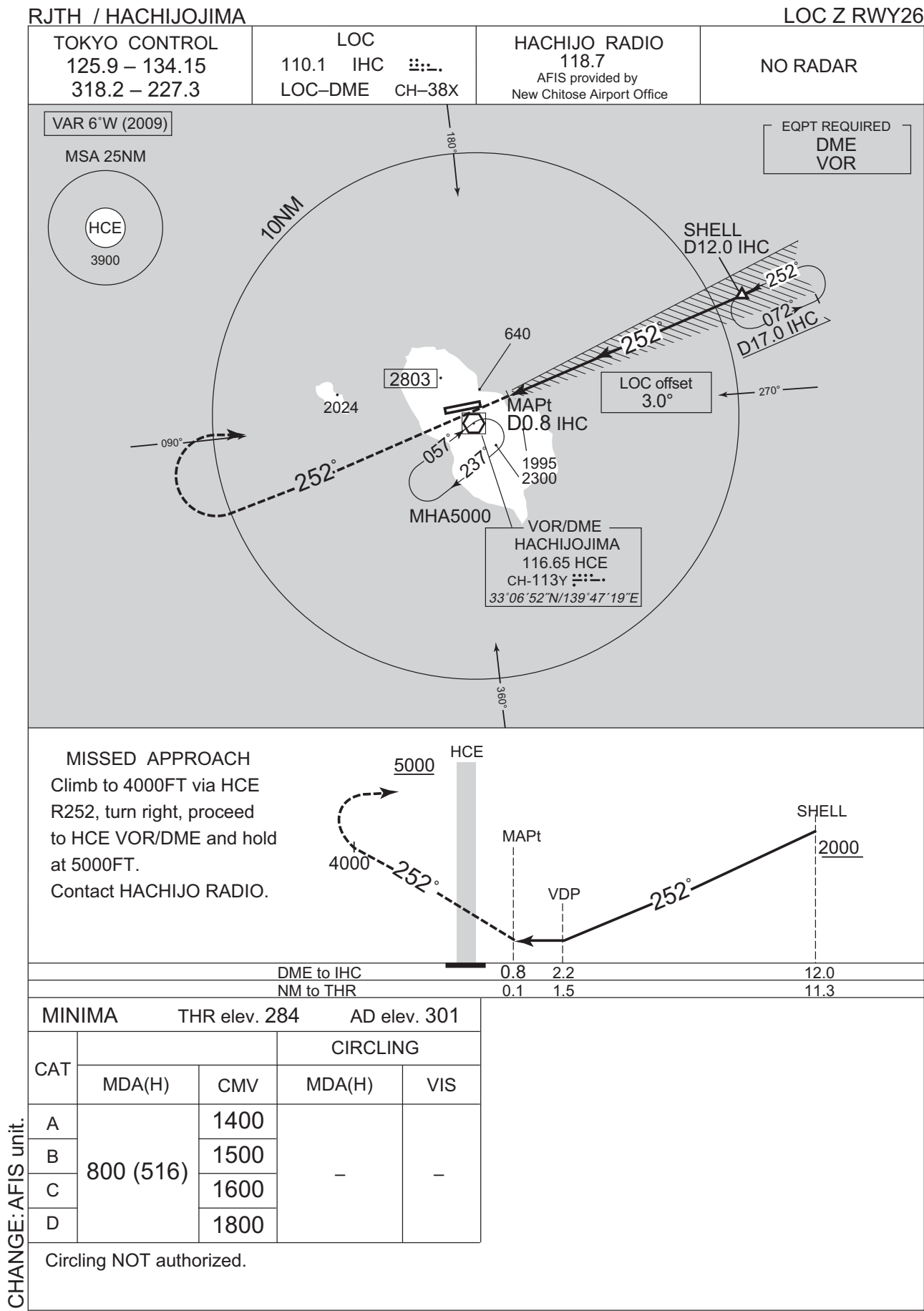
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	SANGO	-	-	-6.9	-	-	+5000	-	-	Basic RNP1
002	TF	TH671	-	134 (127.1)	-6.9	9.5	-	-	-	-	Basic RNP1
003	TF	SHELL	-	164 (156.8)	-6.9	6.0	-	+2000	-	-	Basic RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	SANGO	190 (182.8)	-6.9	1.0(-14000)	R	5000	FL 140	-230(-14000)	Basic RNP1

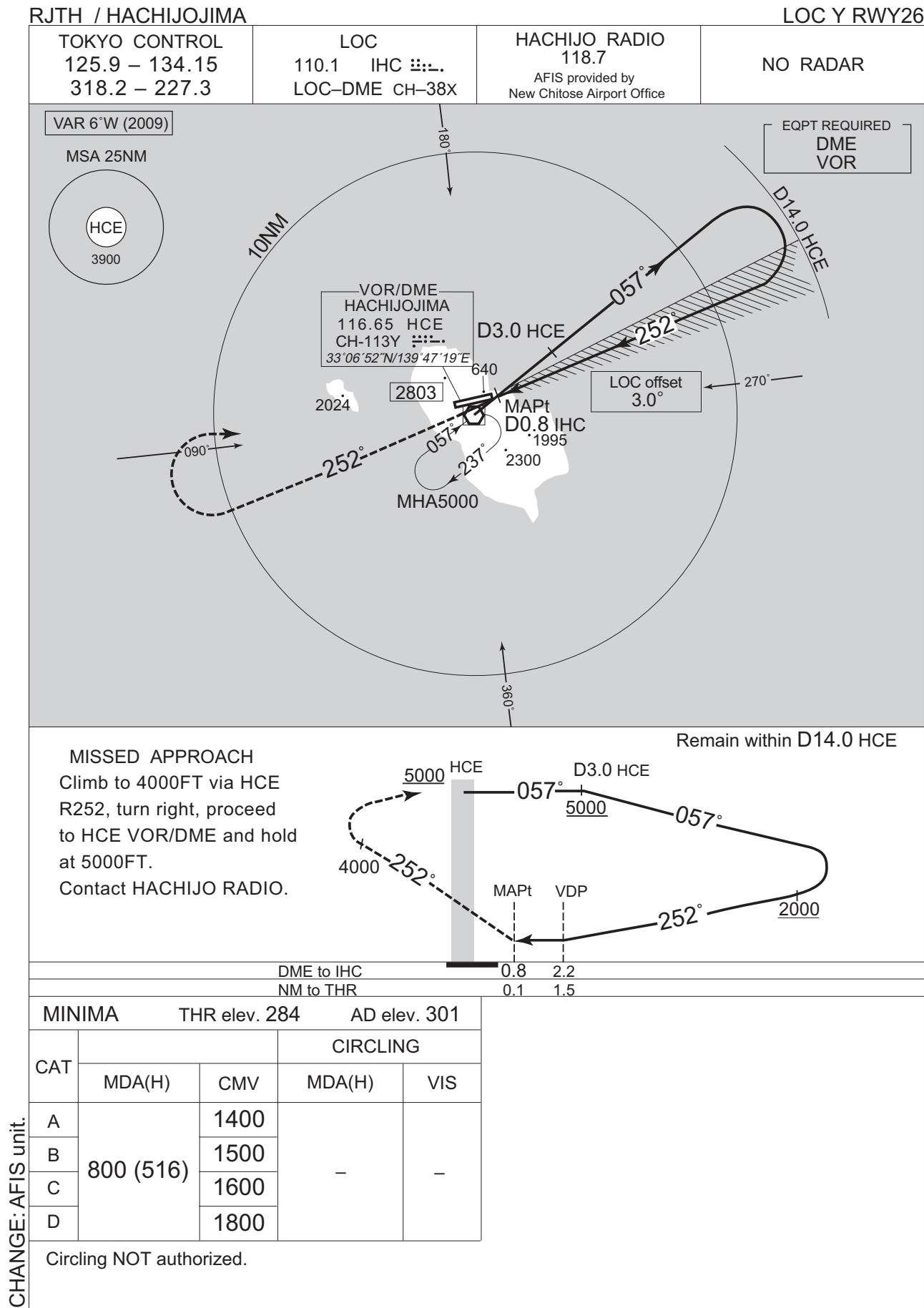
CHANGE : New PROC.

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INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



RJTH / HACHIJOJIMA

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 RADIO
 118.7
 AFIS provided by
 New Chitose Airport Office

NO RADAR

VAR 6°W (2009)

EQPT REQUIRED
DME

MISSED APPROACH

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.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

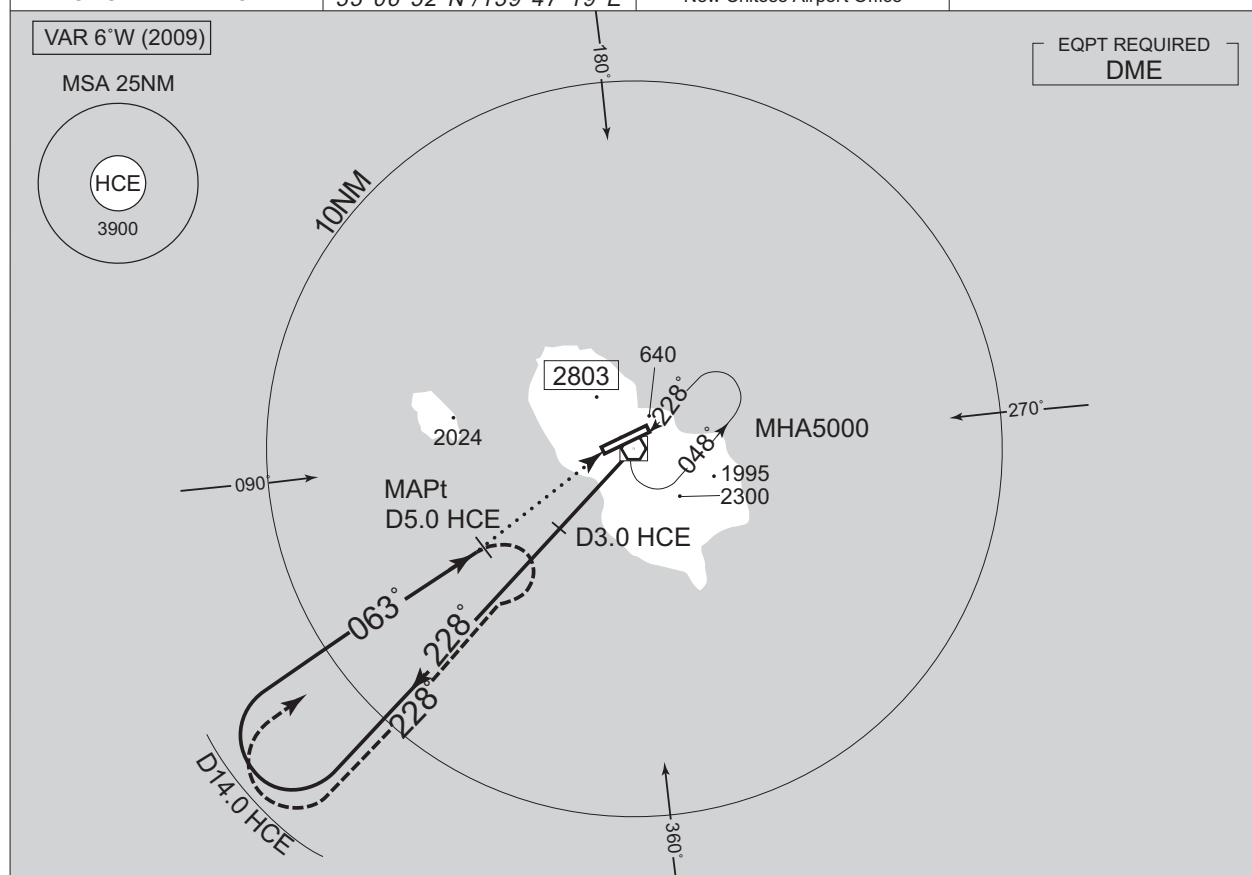
VOR D (For RWY 08)

TOKYO CONTROL
125.9 – 134.15
318.2 – 227.3HACHIOJIMA VOR/DME
116.65 HCE
CH-113Y
33°06'52"N / 139°47'19"EHACHIOJIO RADIO
118.7
AFIS provided by
New Chitose Airport Office

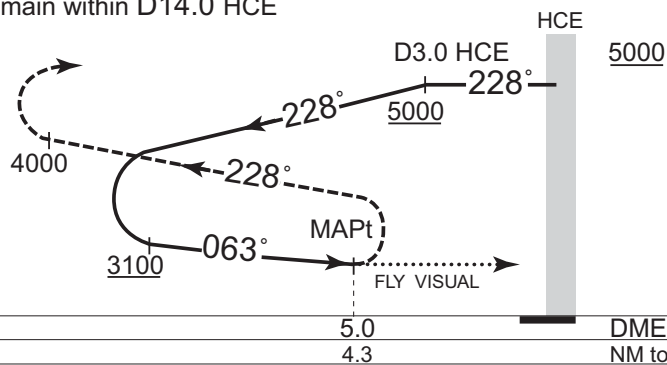
NO RADAR

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 HACHIOJIO RADIO.

MINIMA

THR elev. 282

AD elev. 301

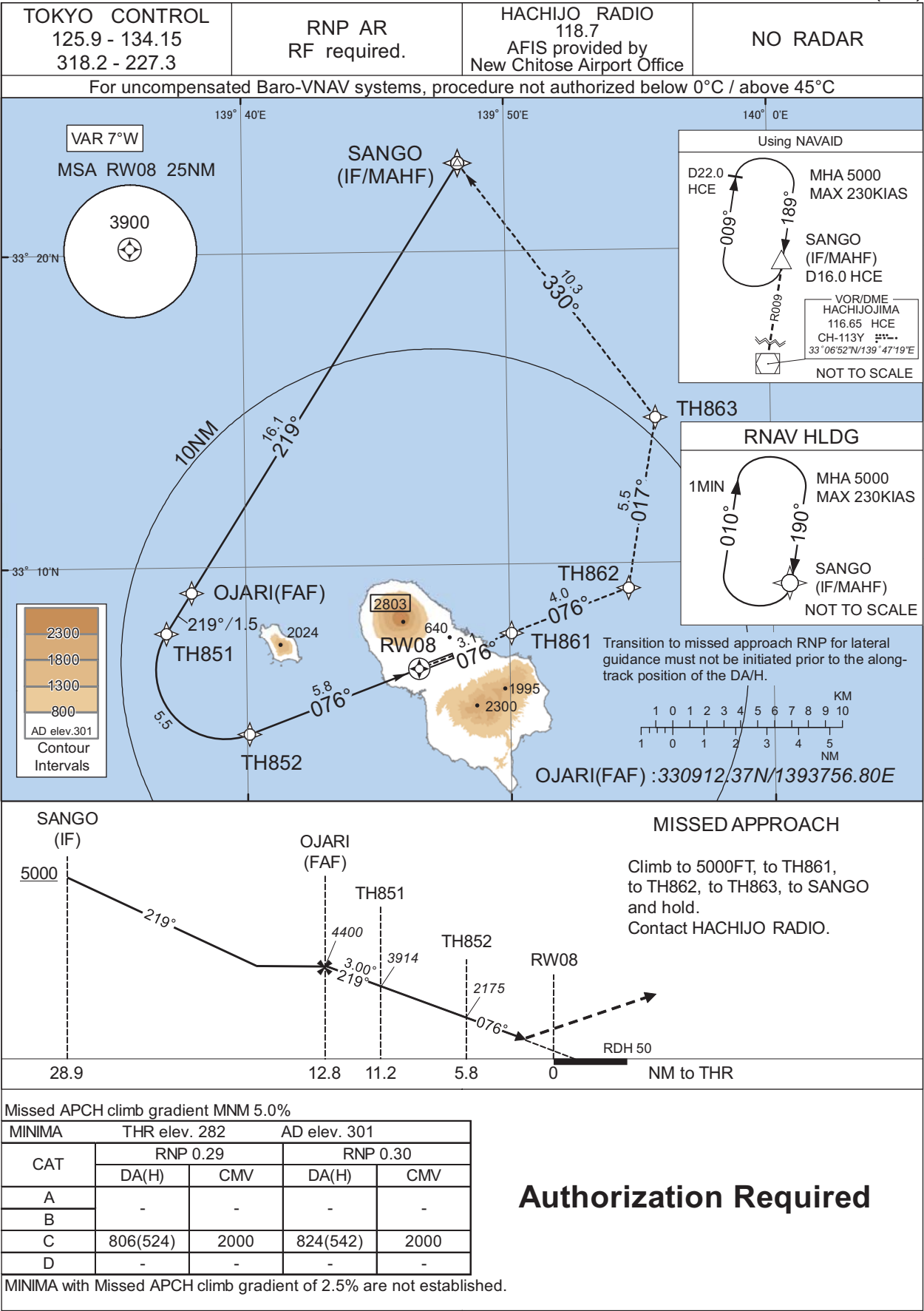
CAT	MDA(H)	Facilities			
		Full	Intermediate	Basic	Nil
		VIS			VIS
A	800 (518)	-			4800
B					
C					
D					

MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNP RWY08(AR)



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	-	-	-6.9	-	-	+5000	-	-	-
002	TF	OJARI	-	219 (212.3)	-6.9	16.1	-	4400	-	-	1.0
003	TF	TH851	-	219 (212.2)	-6.9	1.5	-	3914	-	-3.00	0.29 0.30
004	RF Center: THRF1 r=2.19NM	TH852	-	-	-6.9	5.5	L	2175	-	-3.00	0.29 0.30
005	TF	RW08	Y	076 (069.4)	-6.9	5.8	-	332	-	-3.00/50	0.29 0.30
006	TF	TH861	-	076 (069.5)	-6.9	3.1	-	-	-	-	0.29 0.30
007	TF	TH862	-	076 (069.5)	-6.9	4.0	-	-	-	-	1.0
008	TF	TH863	-	017 (009.6)	-6.9	5.5	-	-	-	-	1.0
009	TF	SANGO	-	330 (323.0)	-6.9	10.3	-	5000	-	-	1.0

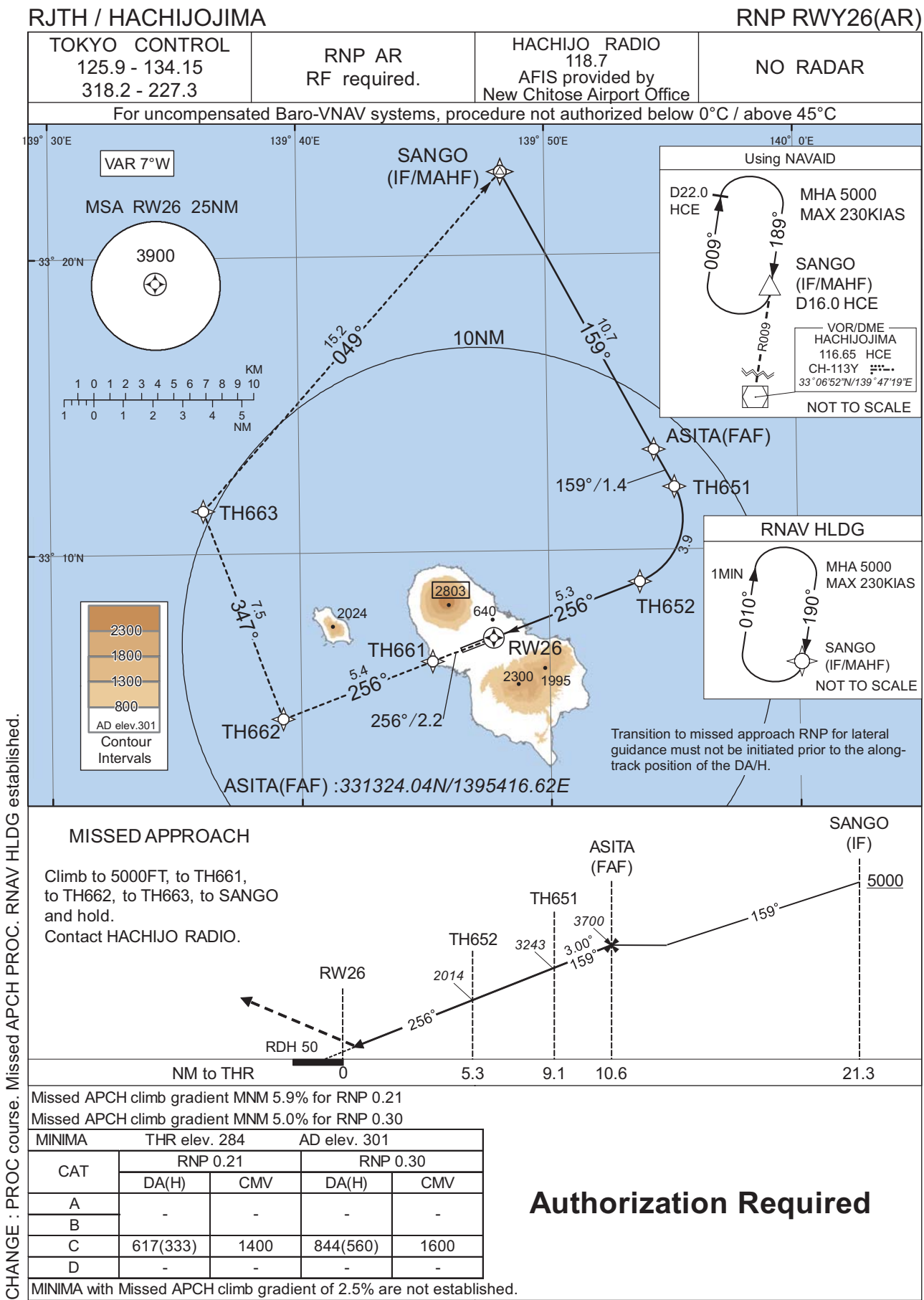
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	SANGO	190 (182.8)	-6.9	1.0 (-14000)	R	5000	FL140	-230 (-14000)	1.0

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 : VAR. Course FM TH862 to TH863. RNAV HLDG established.

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	-	-	-6.9	-	-	+5000	-	-	-
002	TF	ASITA	-	159 (151.8)	-6.9	10.7	-	3700	-	-	1.0
003	TF	TH651	-	159 (151.9)	-6.9	1.4	-	3243	-	-3.00	0.21 0.30
004	RF Center: THRF2 r=2.26NM	TH652	-	-	-6.9	3.9	R	2014	-	-3.00	0.21 0.30
005	TF	RW26	Y	256 (249.5)	-6.9	5.3	-	334	-	-3.00/50	0.21 0.30
006	TF	TH661	-	256 (249.5)	-6.9	2.2	-	-	-	-	0.21 0.30
007	TF	TH662	-	256 (249.4)	-6.9	5.4	-	-	-	-	1.0
008	TF	TH663	-	347 (339.6)	-6.9	7.5	-	-	-	-	1.0
009	TF	SANGO	-	049 (041.6)	-6.9	15.2	-	5000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	SANGO	190 (182.8)	-6.9	1.0 (-14000)	R	5000	FL140	-230 (-14000)	1.0

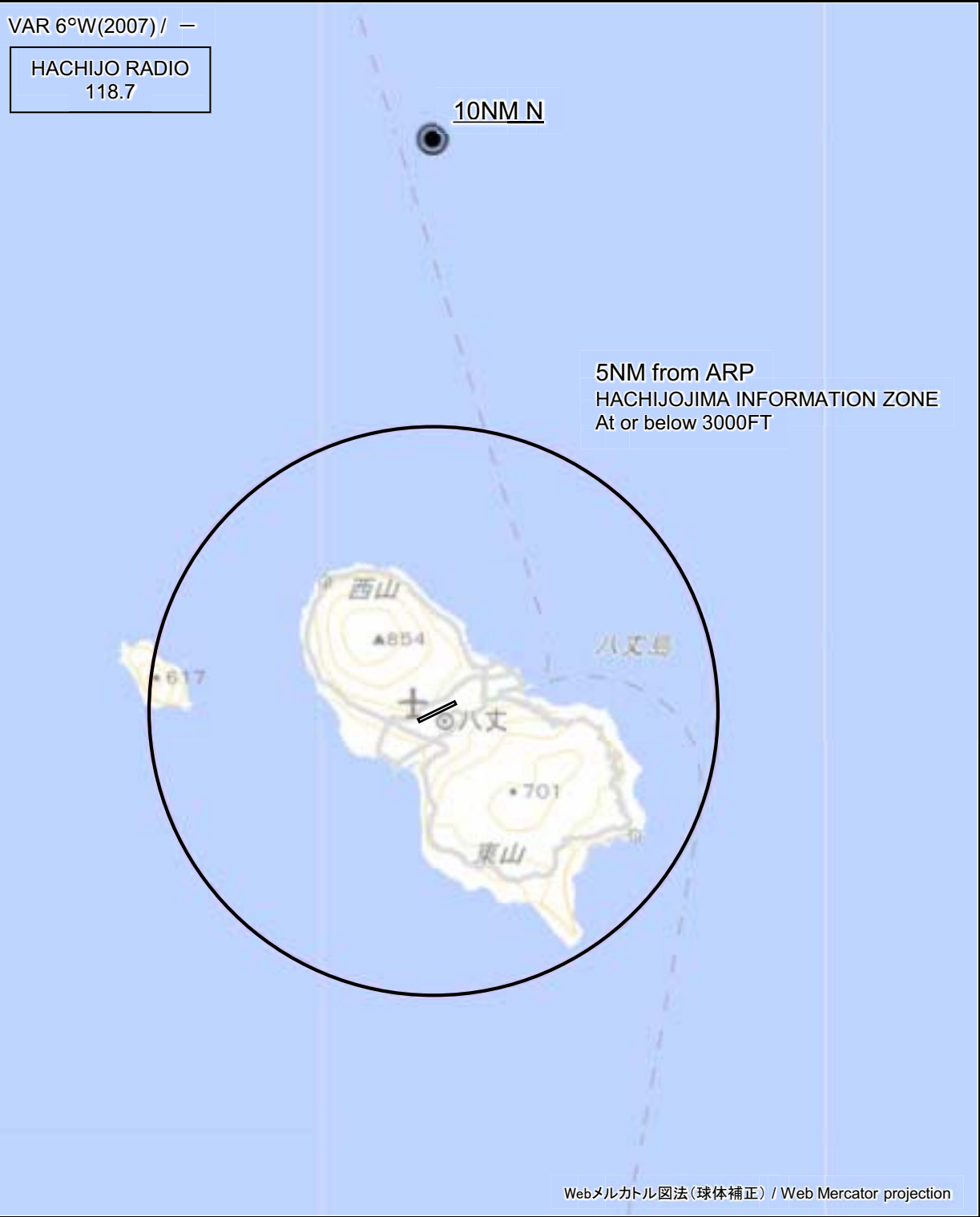
Waypoint Coordinates

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 : VAR. PROC course. Missed APCH PROC. RNAV HLDG established.

RJTH / HACHIOJIMA

Visual REP



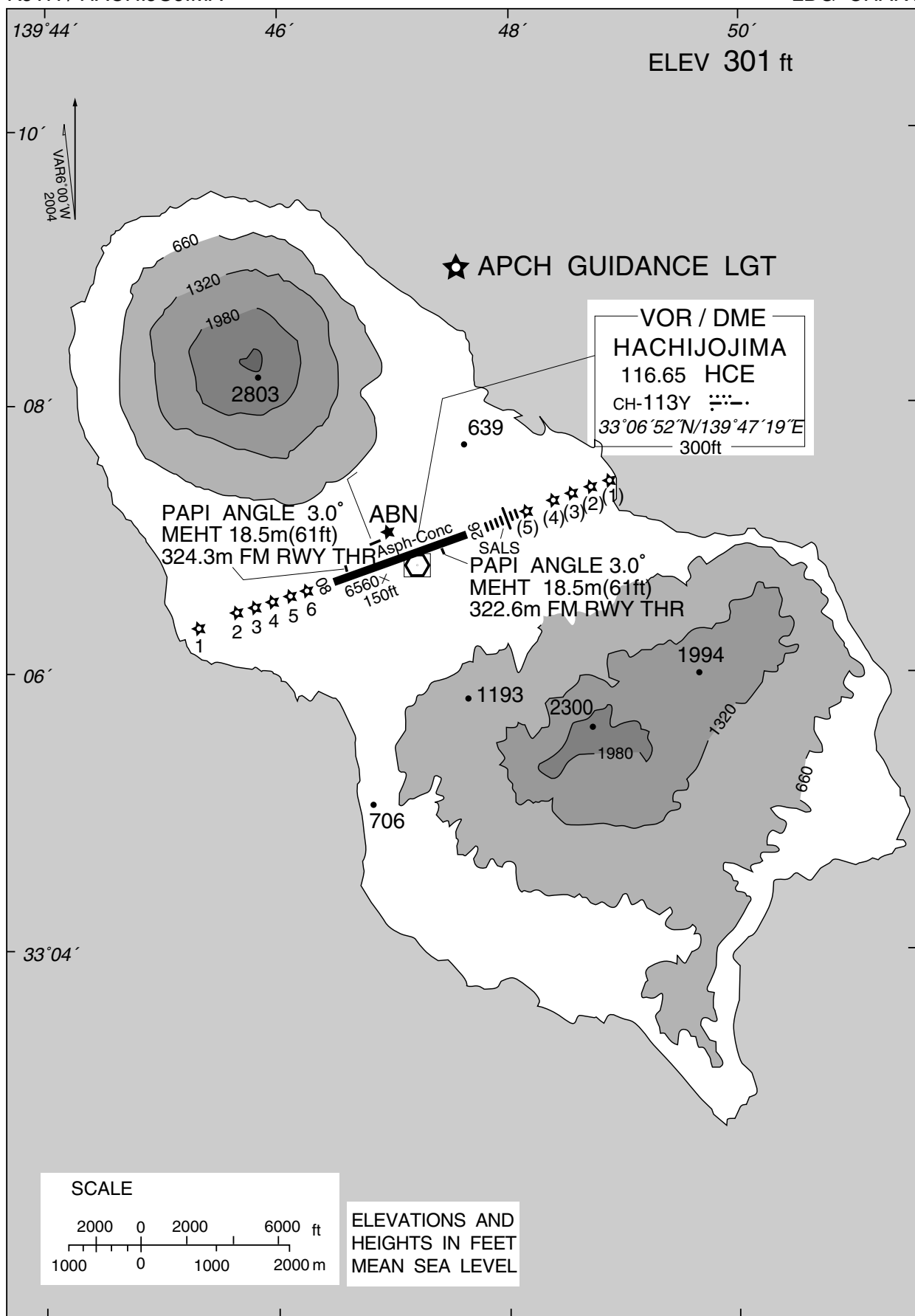
CHANGE : Map updated.

※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

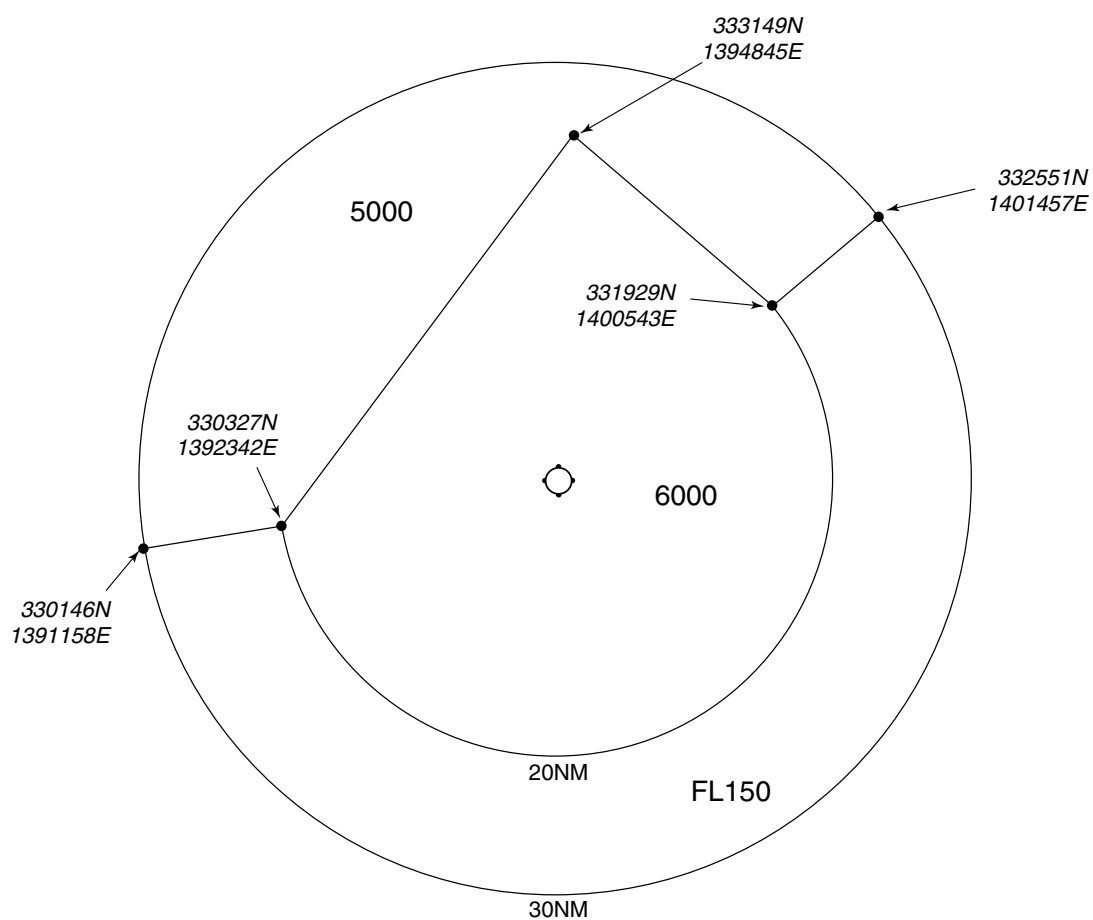
RJTH / HACHIOJIMA

LDG CHART



RJTH / HACHIOJIMA

Minimum Vectoring Altitude CHART



CENTER : 330654N/1394709E (ARP)

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