



STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA

SID

HACHIJO REVERSAL SIX DEPARTURE

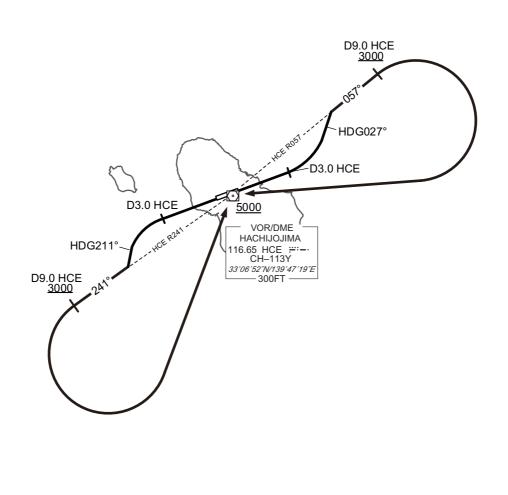
RWY08: Climb RWY HDG to HCE 3.0DME, turn left HDG 027° to intercept and proceed via HCE R057 to 9.0DME, turn right, direct to HCE VOR/DME.

Cross HCE R057/9 0DME at or above 3000ET

Cross HCE R057/9.0DME at or above 3000FT, cross HCE VOR/DME at or above 5000FT.

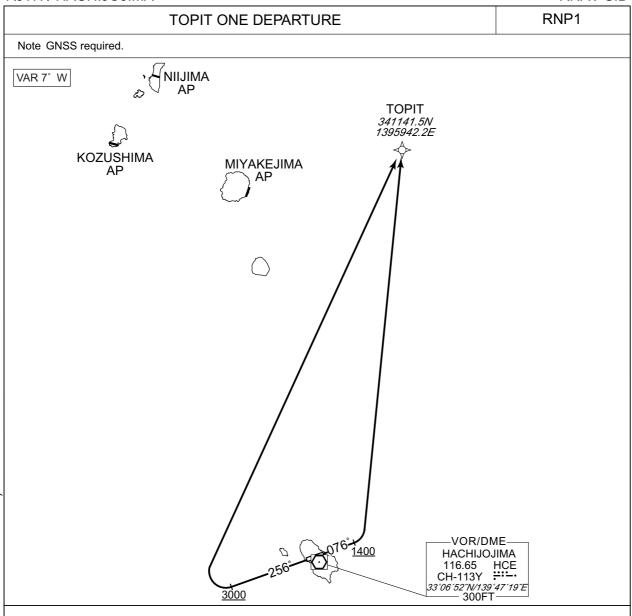
RWY26: Climb RWY HDG to HCE 3.0DME, turn left HDG 211° to intercept and proceed via HCE R241 to 9.0DME, turn left, direct to HCE VOR/DME.

Cross HCE R241/9.0DME at or above 3000FT, cross HCE VOR/DME at or above 5000FT.



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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.

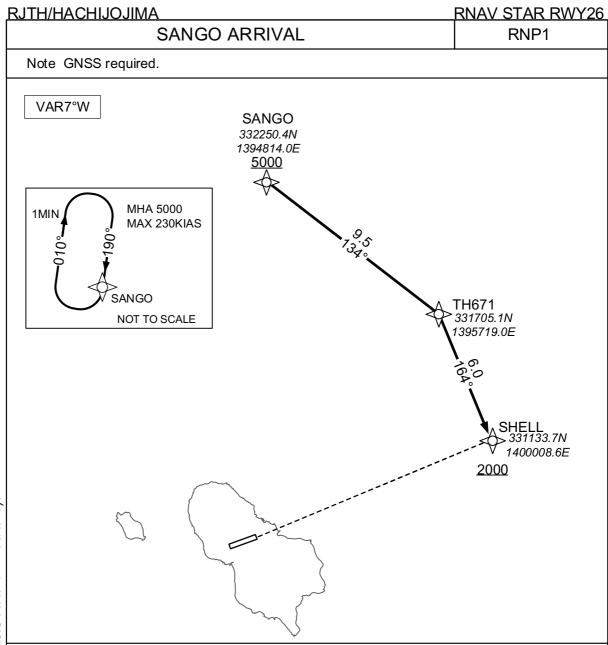
RWY08

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction		•		Navigation Specification
001	VA	_	_	076 (069.5)	-6.7	_	_	+1400	_	_	RNP1
002	DF	TOPIT	_	_	-6.7	-	L	_	_	_	RNP1

RWY26

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	256 (249.5)	-6.7	ı	_	+3000	-	_	RNP1
002	DF	TOPIT	-	_	-6.7	1	R	_	-	_	RNP1

STANDARD ARRIVAL CHART-INSTRUMENT

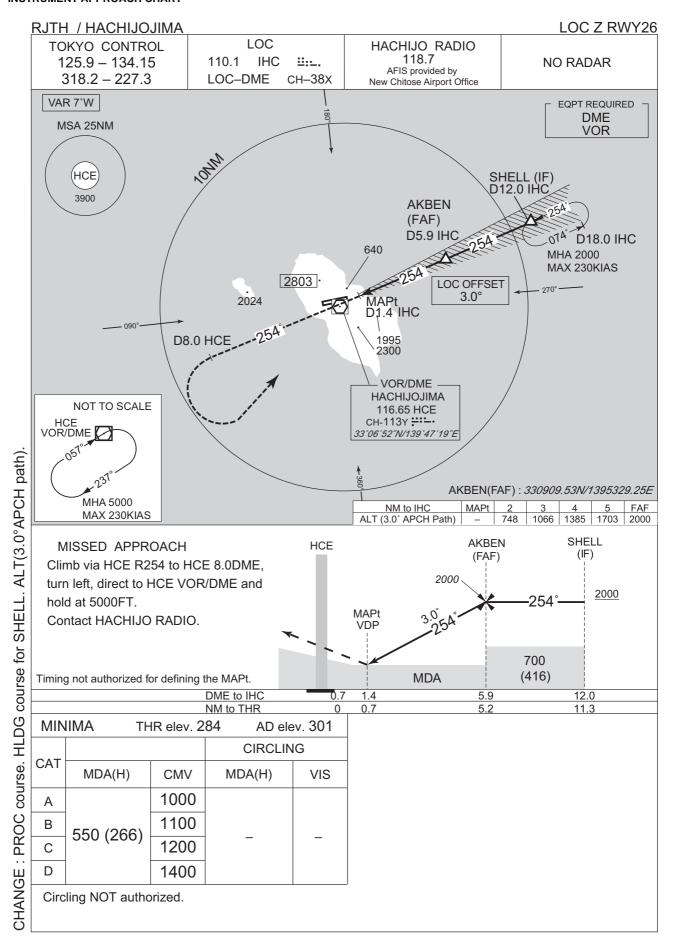


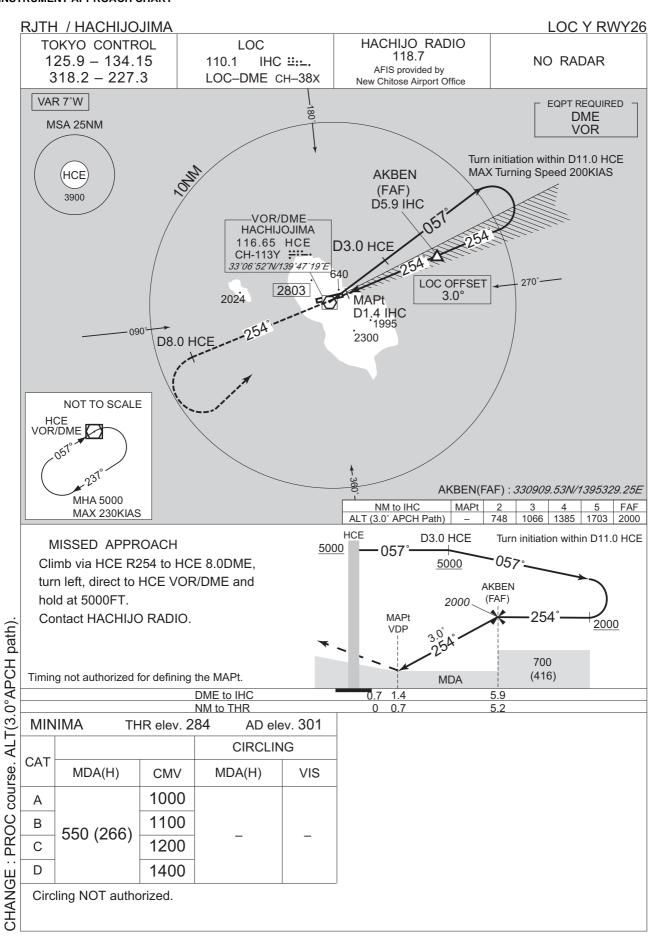
From SANGO at or above 5000FT, to TH671, to SHELL at or above 2000FT.

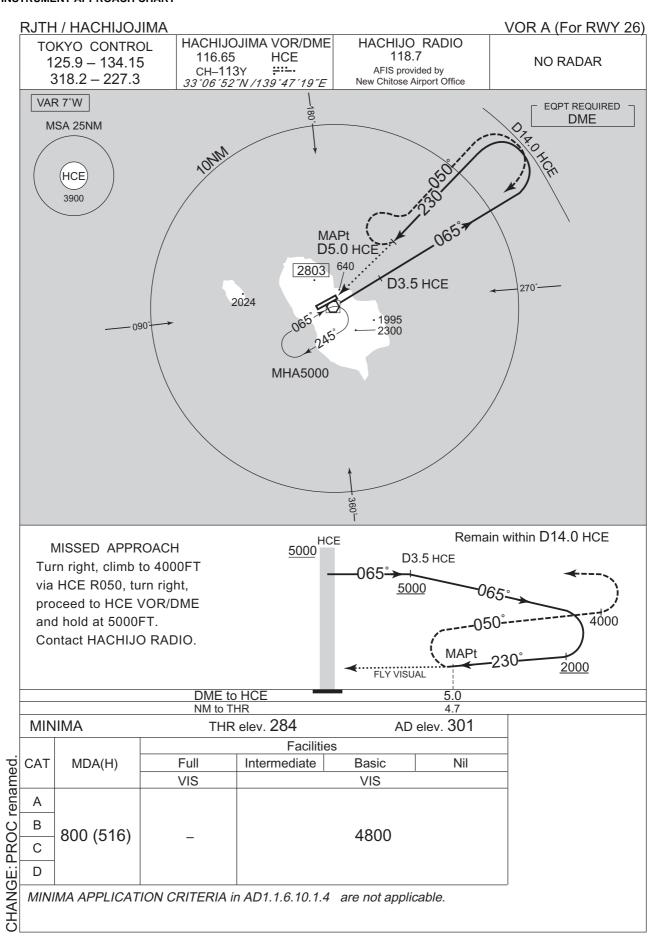
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	SANGO	1	-	-6.9	-	-	+5000	-	-	RNP1
002	TF	TH671	ı	134 (127.1)	-6.9	9.5	ı	ı	ı	-	RNP1
003	TF	SHELL	-	164 (156.8)	-6.9	6.0	-	+2000	-	-	RNP1

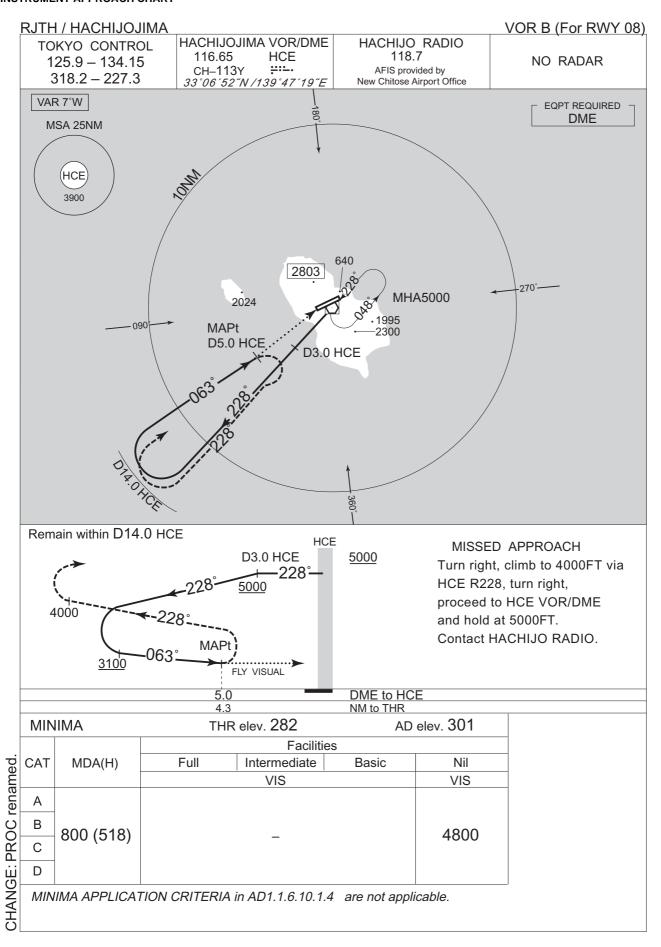
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	SANGO	190 (182.8)	-6.9	1.0(-14000)	R	5000	FL140	-230(-14000)	RNP1

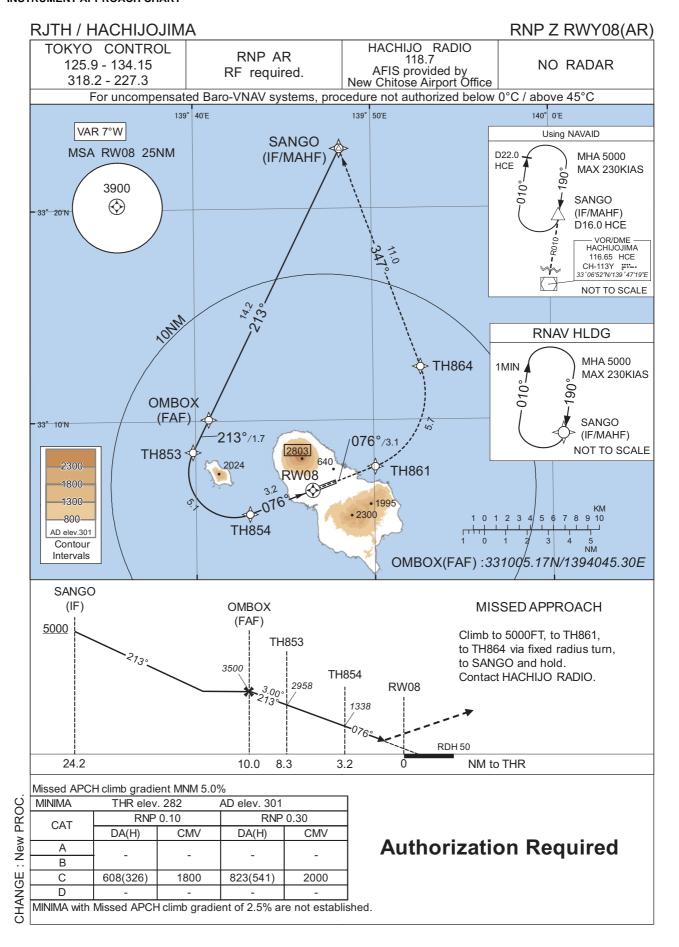












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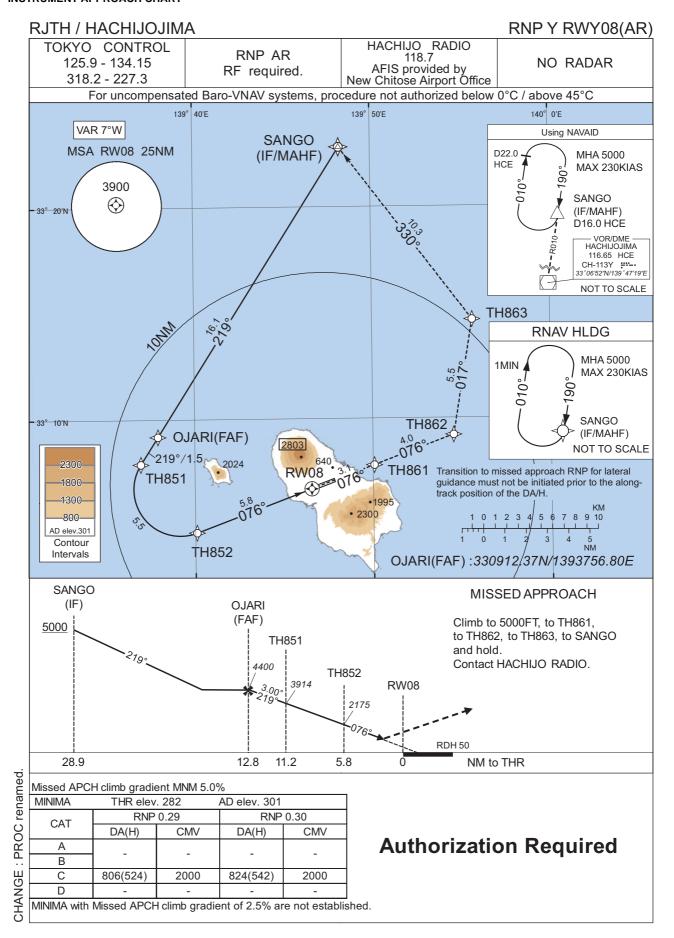
RNP Z RWY08(AR)

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	1	-	-7.0	-	ı	+5000	ı	-	ı
002	TF	ОМВОХ	1	213 (206.1)	-7.0	14.2	-	3500	-	-	1.0
003	TF	TH853	-	213 (206.1)	-7.0	1.7	-	2958	-	-3.00	0.10 0.30
004	RF Center: THRF3 r=2.13NM	TH854	-	-	-7.0	5.1	L	1338	1	-3.00	0.10 0.30
005	TF	RW08	Υ	076 (069.4)	-7.0	3.2	ı	332	ı	-3.00/50	0.10 0.30
006	TF	TH861	-	076 (069.5)	-7.0	3.1	ı	ı	ı	ı	0.10 0.30
007	RF Center: THRF4 r=3.67NM	TH864	-	-	-7.0	5.7	L	-	-	,	1.0
800	TF	SANGO	-	347 (340.3)	-7.0	11.0	-	5000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	lime	Turn Direction	Altitude	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 Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N / 1394814.02E	THRF3	330736.61N / 1394208.22E
OMBOX	331005.17N / 1394045.30E	THRF4	331116.16N / 1394832.59E
TH853	330833.19N / 1393951.52E		
TH854	330536.55N / 1394301.55E		
RW08	330643.03N / 1394633.07E		
TH861	330749.27N / 1395004.24E		
TH864	331230.95N / 1395239.67E		



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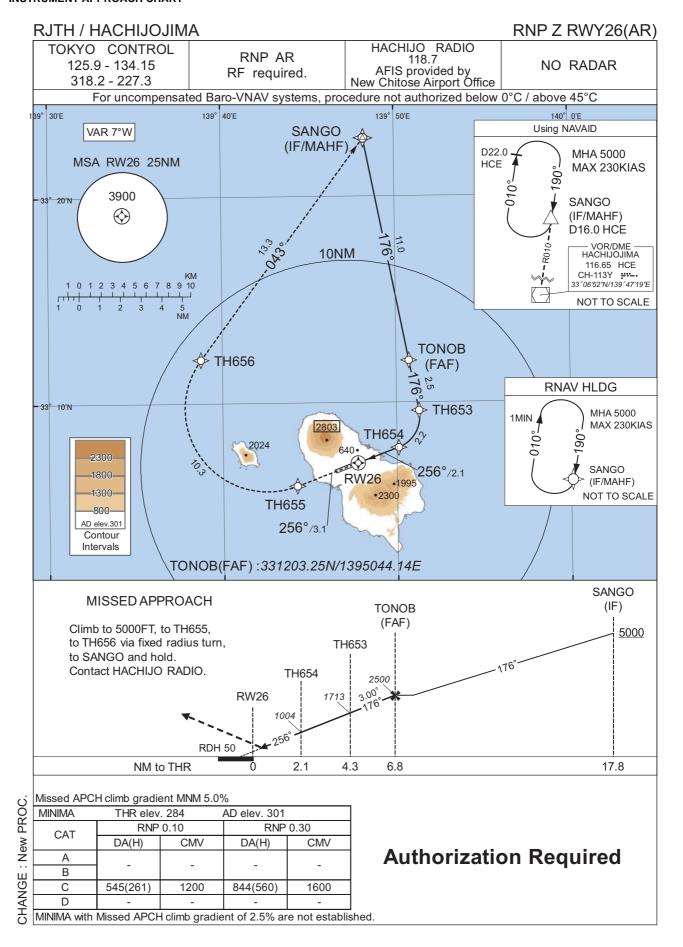
RNP Y RWY08(AR)

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	ı	1	-6.9	-	1	+5000	-	-	-
002	TF	OJARI	1	219 (212.3)	-6.9	16.1	1	4400	-	-	1.0
003	TF	TH851	1	219 (212.2)	-6.9	1.5	-	3914	-	-3.00	0.29 0.30
004	RF Center: THRF1 r=2.19NM	TH852	ı	ı	-6.9	5.5	L	2175	ı	-3.00	0.29 0.30
005	TF	RW08	Υ	076 (069.4)	-6.9	5.8	i	332	ı	-3.00/50	0.29 0.30
006	TF	TH861	ı	076 (069.5)	-6.9	3.1	ı	-	ı	-	0.29 0.30
007	TF	TH862	1	076 (069.5)	-6.9	4.0	ı	ı	ı	1	1.0
008	TF	TH863	1	017 (009.6)	-6.9	5.5	ı	-	ı	-	1.0
009	TF	SANGO	1	330 (323.0)	-6.9	10.3	-	5000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Lime	Turn Direction	Altitude	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 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		



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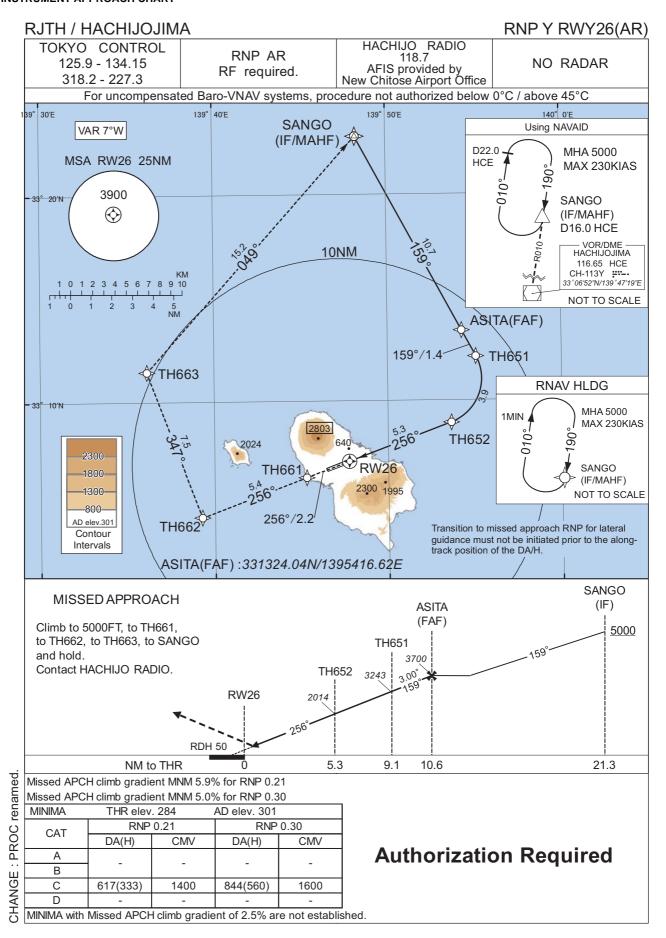
RNP Z RWY26(AR)

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	ı	ı	-7.0	ı	ı	+5000	-	-	-
002	TF	TONOB	1	176 (169.0)	-7.0	11.0	-	2500	-	-	1.0
003	TF	TH653	ı	176 (169.0)	-7.0	2.5	1	1713	-	-3.00	0.10 0.30
004	RF Center: THRF5 r=1.58NM	TH654	ı	-	-7.0	2.2	R	1004	-	-3.00	0.10 0.30
005	TF	RW26	Υ	256 (249.5)	-7.0	2.1	ı	334	-	-3.00/50	0.10 0.30
006	TF	TH655	1	256 (249.5)	-7.0	3.1	-	-	-	-	0.10 0.30
007	RF Center: THRF6 r=4.00NM	TH656	ı	1	-7.0	10.3	R	1	-	-	0.30
008	TF	SANGO	-	043 (036.4)	-7.0	13.3	ı	5000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	lime	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 Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N / 1394814.02E	THRF5	330919.08N / 1394926.90E
TONOB	331203.25N / 1395044.14E	THRF6	330944.94N / 1394235.78E
TH653	330937.26N / 1395117.91E		
TH654	330749.94N / 1395006.37E		
RW26	330705.72N / 1394745.36E		
TH655	330559.88N / 1394415.73E		
TH656	331208.05N / 1393846.29E		
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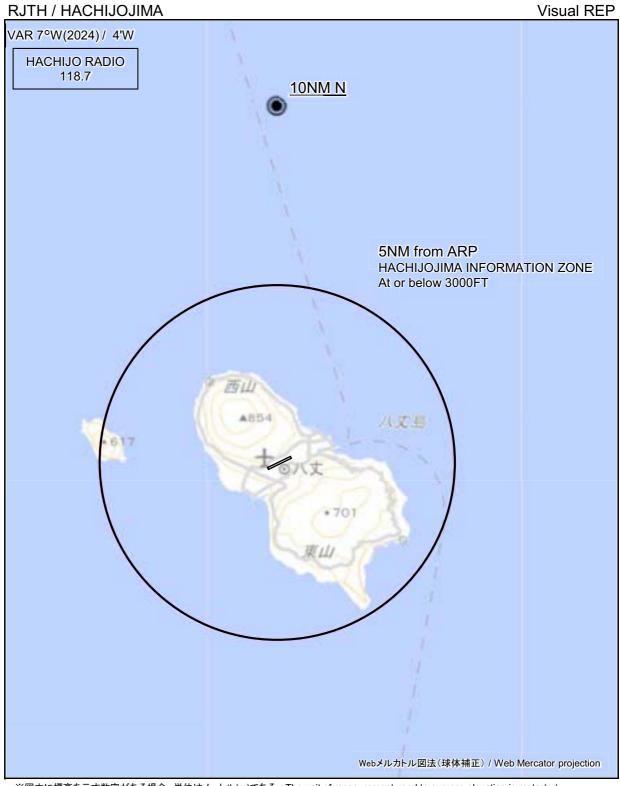
RNP Y RWY26(AR)

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	ı	ı	-6.9	3.9	R	2014	-	-3.00	0.21 0.30
005	TF	RW26	Υ	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	ı	-	-	1	0.21 0.30
007	TF	TH662	-	256 (249.4)	-6.9	5.4	ı	-	-	1	1.0
800	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	lime	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 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			
		•		



※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

