

AD CHART



INTENTIONALLY LEFT BLANK

RORT / TARAMA


RNAV SID and TRANSITION

Basic RNP1

VAR 5°W (2020)



VOR/DME
SHIMOJISHIMA
117.1 SJE
CH-118X :--
24°49'19"N/125°08'38"E
100FT

VORTAC
MIYAKOJIMA
113.45 MJC
CH-81Y 
24°46'39"N/125°17'36"E
200FT

MIYAKO AP

MIYAKOJIMA(MJC)
244638.6N
1251736.3E

MIYAKO TRANSITION



RWY18 : Climb on HDG178° at or above 500FT, turn left direct to GAHRA at or above 3000FT.
RWY36 : Climb on HDG358° at or above 500FT, turn right direct to GAHRA at or above 3000FT.

From GAHRA at or above 3000FT, to MJC.

CHANGE : FIX symbol(GAHRA).

STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

RNAV SID and TRANSITION

GAHRA THREE DEPARTURE

RWY18

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	—	—	178 (172.8)	-4.9	—	—	+500	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	L	+3000	—	—	Basic RNP1

RWY36

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	—	—	358 (352.8)	-4.9	—	—	+500	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	R	+3000	—	—	Basic RNP1

MIYAKO TRANSITION

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	GAHRA	—	—	-4.9	—	—	+3000	—	—	Basic RNP1
002	TF	MJC	—	075 (069.8)	-4.9	11.4	—	—	—	—	Basic RNP1

CHANGE : VAR. SID course. SID renamed. MIYAKO TRANSITION established.

INSTRUMENT APPROACH CHART



RORT / TARAMA

SAKISHIMA APP

125.0 –121.2

RNP APCH

TARAMA RADIO

118.6

AFIS provided
by Naha Airport Office

RADAR AVBL

Baro-VNAV not authorized below 5°C

VAR 5°W (2020)

UMAKI 243721.70N
(IAF/MAHF) 1245115.01E

PANAP 243240.46N
1244551.44E

YUGAP (IF) 243210.30N
1244130.30E

RT650 (FAF) 243539.31N
1244101.38E

RW36 (MAPt) 243849.53N
1244035.04E

RT651 (MATF) 244148.68N
1244010.22E

MSA 25NM

2700

ARP

ARP:243914N/1244031E

RNAV HLDG

NOT TO SCALE

UMAKI

254°

074°

1MIN

MHA 2000
MAX 230KIAS

Using NAVAID

UMAKI D25.7 MJC

VORTAC MIYAKOJIMA
113.45 MJC
CH-81Y

24°46'39"N/125°17'36"E

NOT TO SCALE

D21.0 MJC

073°

MHA 2000
MAX 230KIAS

10NM

180°

270°

360°

UMAKI (IAF/MAHF)

RT651 (MATF)

381°

113°

54°

RW36 (MAPt)

32°

358°

RT650 (FAF)

35°

358°

YUGAP (IF) MAX 185KIAS

4.0°

268°

PANAP

6.8°

231°

NM to Next Fix	MAPt	1	2	3	FAF
ALT(3.0° APCH Path)	—	404	722	1041	1100

MISSED APPROACH

Direct to RT651, turn right direct to UMAKI
and hold at 2000FT.
Contact SAKISHIMA APP.

VDP (LNAV)

RW36 (MAPt)

RDH50

MDA

700 (666)

RT650 (FAF)

YUGAP (IF)

PANAP

UMAKI (IAF)

2000

1200

358°

358°

268°

231°

3.00°

0.9

3.2

6.7

NM to THR

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev.36	AD elev.34				
CAT	LNAV/VNAV	LNAV	CIRCLING			
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	340(304)	1500	340(306)	1500	680(646)	1600
B						
C	360(324)	1800	360(326)	1800		2400
D	—	—	—	—	—	—

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

CHANGE:PROC renamed. Requirement for RNP.



CHANGE : Map updated. BRG/DIST from ARP.

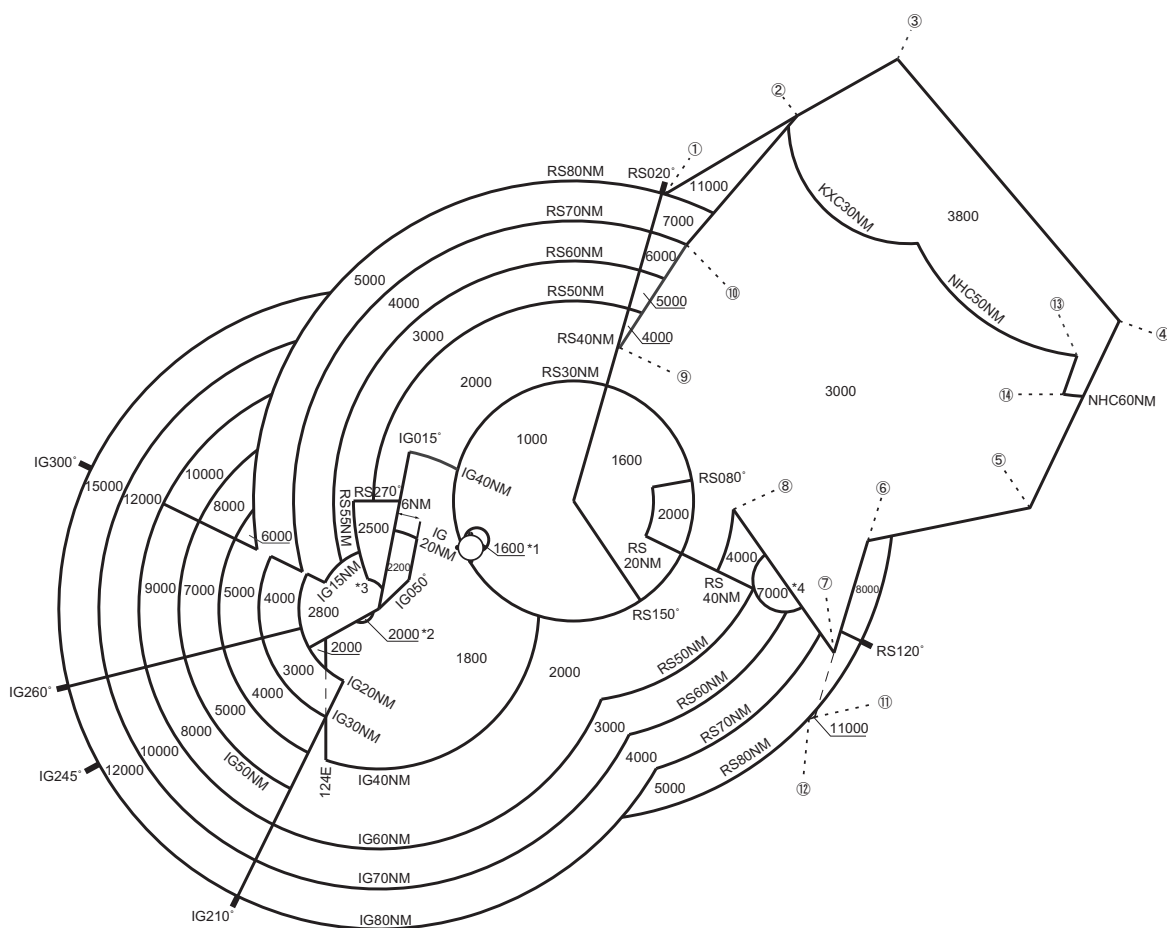
Call sign	BRG / DIST from ARP	Remarks
ハナレ崎 Hanarezaki	017°T / 5.8NM	岬 Cape
10NM E	090°T / 10.0NM	海上 Over the sea
10NM SW	225°T / 10.0NM	海上 Over the sea



RORT / TARAMA

Minimum Vectoring Altitude CHART

VAR 5°W (2022)



- ① 260606N/1253511E
- ② 262504N/1261226E
- ③ 263831N/1264046E
- ④ 253118N/1273951E
- ⑤ 244518N/1271337E
- ⑥ 243809N/1262857E
- ⑦ 241018N/1261859E
- ⑧ 244643N/1255220E
- ⑨ 252751N/1252151E
- ⑩ 255321N/1254054E
- ⑪ 235438N/1261324E
- ⑫ 235414N/1261156E
- ⑬ 252316N/1272802E
- ⑭ 251400N/1272404E

CENTER : 244938N/1250827E (RORS RADAR SITE)
CENTER : 242310N/1241441E (ROIG RADAR SITE)

- *1 : 244015N/1244143E RADIUS : 3NM
- *2 : 242248N/1240952E RADIUS : 3NM
- *3 : 242538N/1241100E RADIUS : 5NM
- *4 : 242850N/1260600E RADIUS : 8NM

CHANGE : VAR.

INTENTIONALLY LEFT BLANK