

## AD CHART



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## RORT / TARAMA

## RNAV SID and TRANSITION

## Basic RNP1

VAR 5°W (2020)



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

RNP RWY18



CHANGE:PROC renamed. Requirement for RNP:

## 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

253°

073°

D21.0 MJC

MHA 2000  
MAX 230KIAS

VORTAC  
MIYAKOJIMA  
113.45 MJC  
CH-81Y

24°46'39"N/125°17'36"E

NOT TO SCALE

RT651 (MATF)

381°

113

54

RW36 (MAPt)

358°

32°

352.8 T

RT650 (FAF)

358°

35°

352.8 T

YUGAP (IF)  
MAX 185KIAS

268°

262.8 T

PANAP

231°

236.3 T

UMAKI (IAF/MAHF)

270°

360°

10NM

180°

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.

RDH50

3.00

MDA

700  
(666)

RT650 (FAF)

1100

YUGAP (IF)

1200

PANAP

2000

UMAKI (IAF)

VDP (LNAV)

RW36 (MAPt)

358°

358°

268°

231°

NM to THR

0

0.9

3.2

6.7

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:



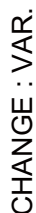
CHANGE : Map updated. BRG/DIST from ARP.

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





## Minimum Vectoring Altitude CHART



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