

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
D25.7 MJC
MHA 2000
MAX 230KIAS

Using NAVAID

UMAKI
D25.7 MJC
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

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.

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev.36	AD elev.34
CAT	LNAV/VNAV	LNAV
	DA(H)	CMV
A	340(304)	1500
B	340(306)	1500
C	360(324)	1800
D	360(326)	1800

MINIMA	THR elev.36	AD elev.34
CAT	LNAV/VNAV	LNAV
	DA(H)	CMV
A	340(304)	1500
B	340(306)	1500
C	360(324)	1800
D	360(326)	1800

MINIMA	THR elev.36	AD elev.34
CAT	LNAV/VNAV	LNAV
	DA(H)	CMV
A	340(304)	1500
B	340(306)	1500
C	360(324)	1800
D	360(326)	1800

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



INTENTIONALLY LEFT BLANK