

AD CHART

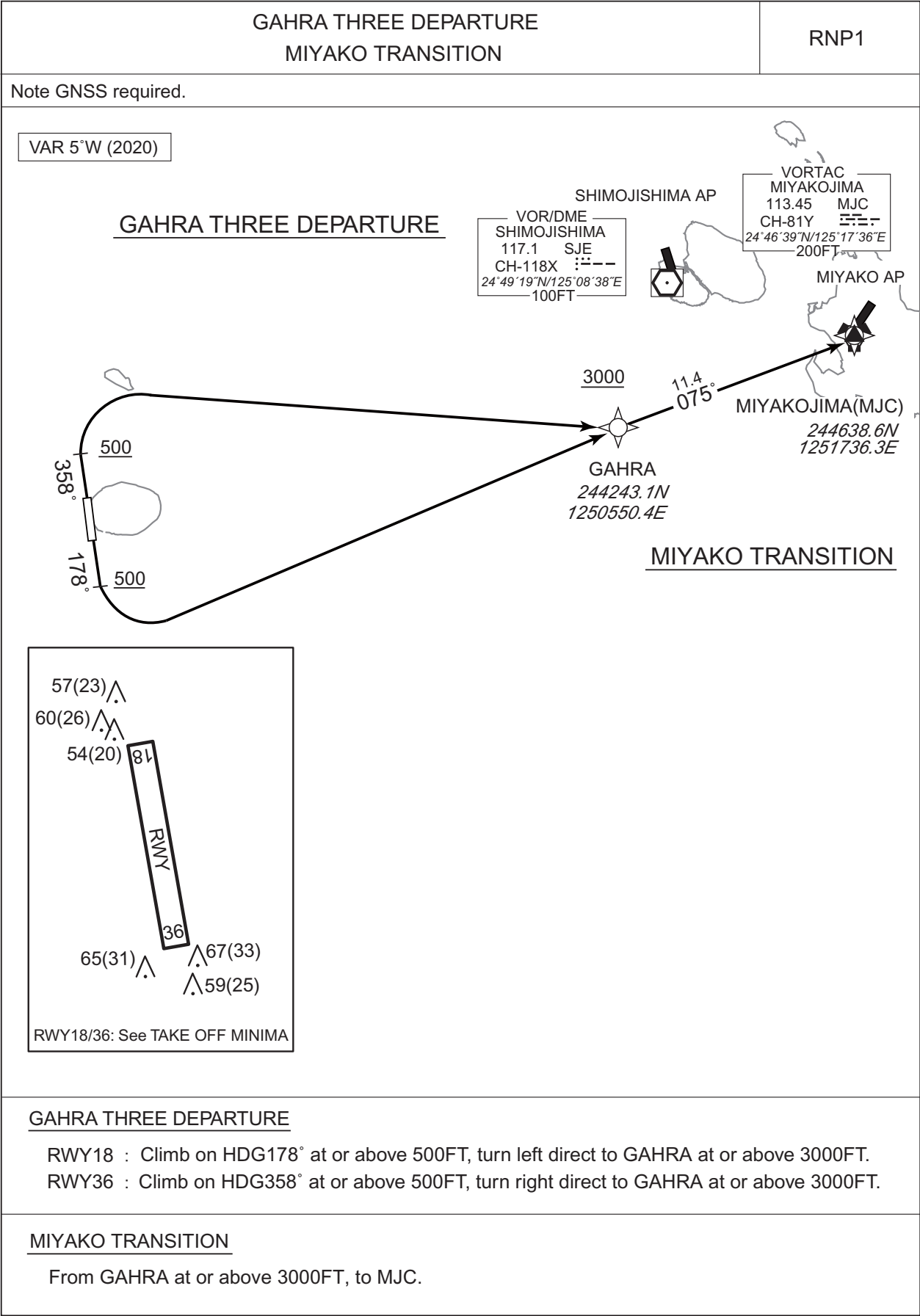


INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

RNAV SID and TRANSITION



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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	-	-	RNP1
002	DF	GAHRA	-	-	-4.9	-	L	+3000	-	-	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	-	-	RNP1
002	DF	GAHRA	-	-	-4.9	-	R	+3000	-	-	RNP1

MIYAKO TRANSITION

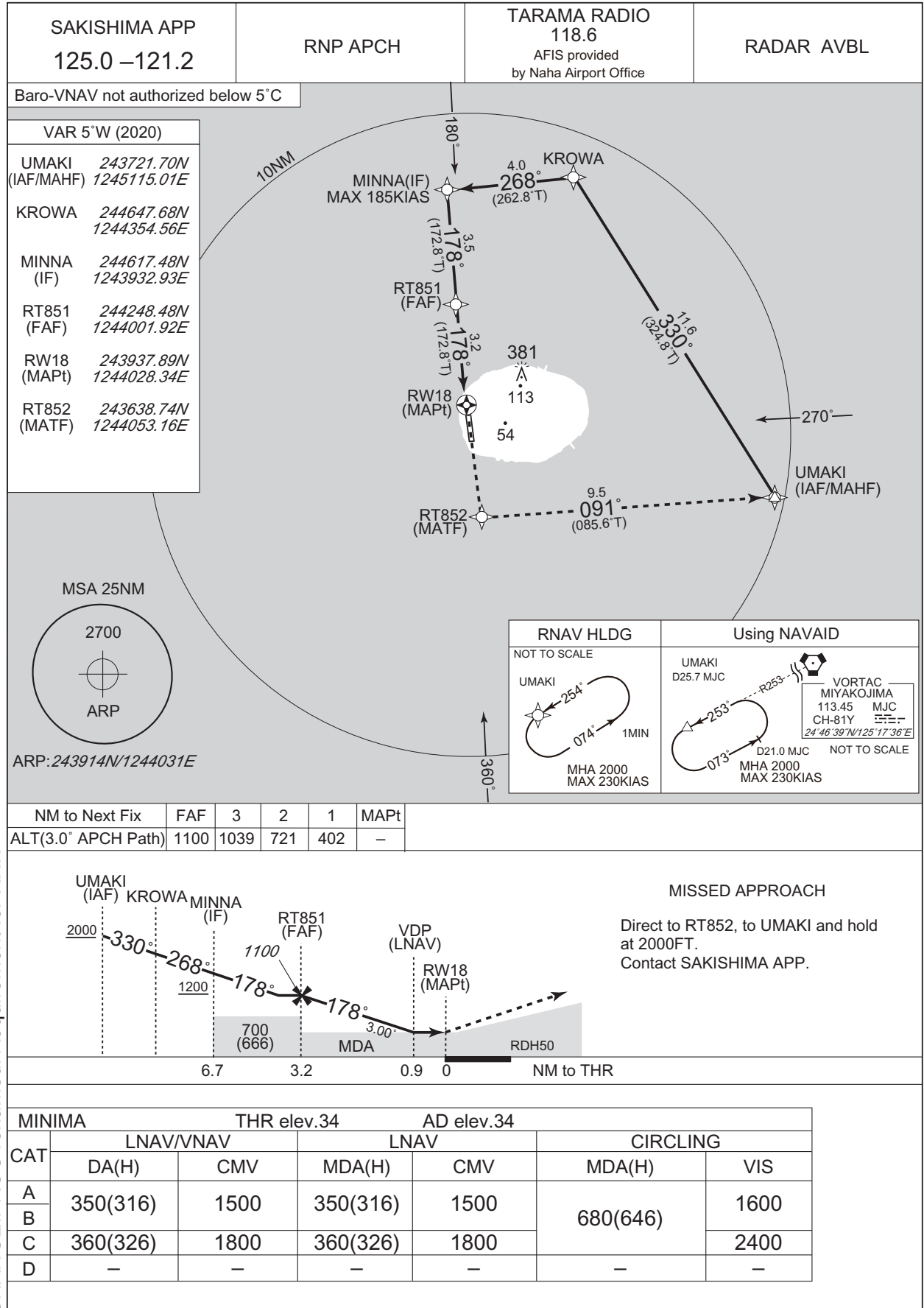
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	GAHRA	-	-	-4.9	-	-	+3000	-	-	RNP1
002	TF	MJC	-	075 (069.8)	-4.9	11.4	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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

10NM

180°

270°

360°

RT651 (MATF)

381° 113° 54°

RW36 (MAPt)

32° 358° (352.8°T)

RT650 (FAF)

35° 358° (352.8°T)

YUGAP (IF) MAX 185KIAS

268° (262.8°T)

PANAP

68° 231° (226.3°T)

UMAKI (IAF/MAHF)

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

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.

UMAKI (IAF)

2000

PANAP

1200

YUGAP (IF)

1100

RT650 (FAF)

700 (666)

MDA

RDH50

RW36 (MAPt)

VDP (LNAV)

358°

358°

268°

231°

3.00°

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
	DA(H)	CMV
A	340(304)	1500
B	340(306)	1500
C	360(324)	1800
D	360(326)	1800

CIRCLING	
MDA(H)	VIS
680(646)	1600
	2400

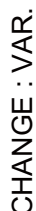
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE:PROC renamed. Requirement for RNP.





Minimum Vectoring Altitude CHART



INTENTIONALLY LEFT BLANK