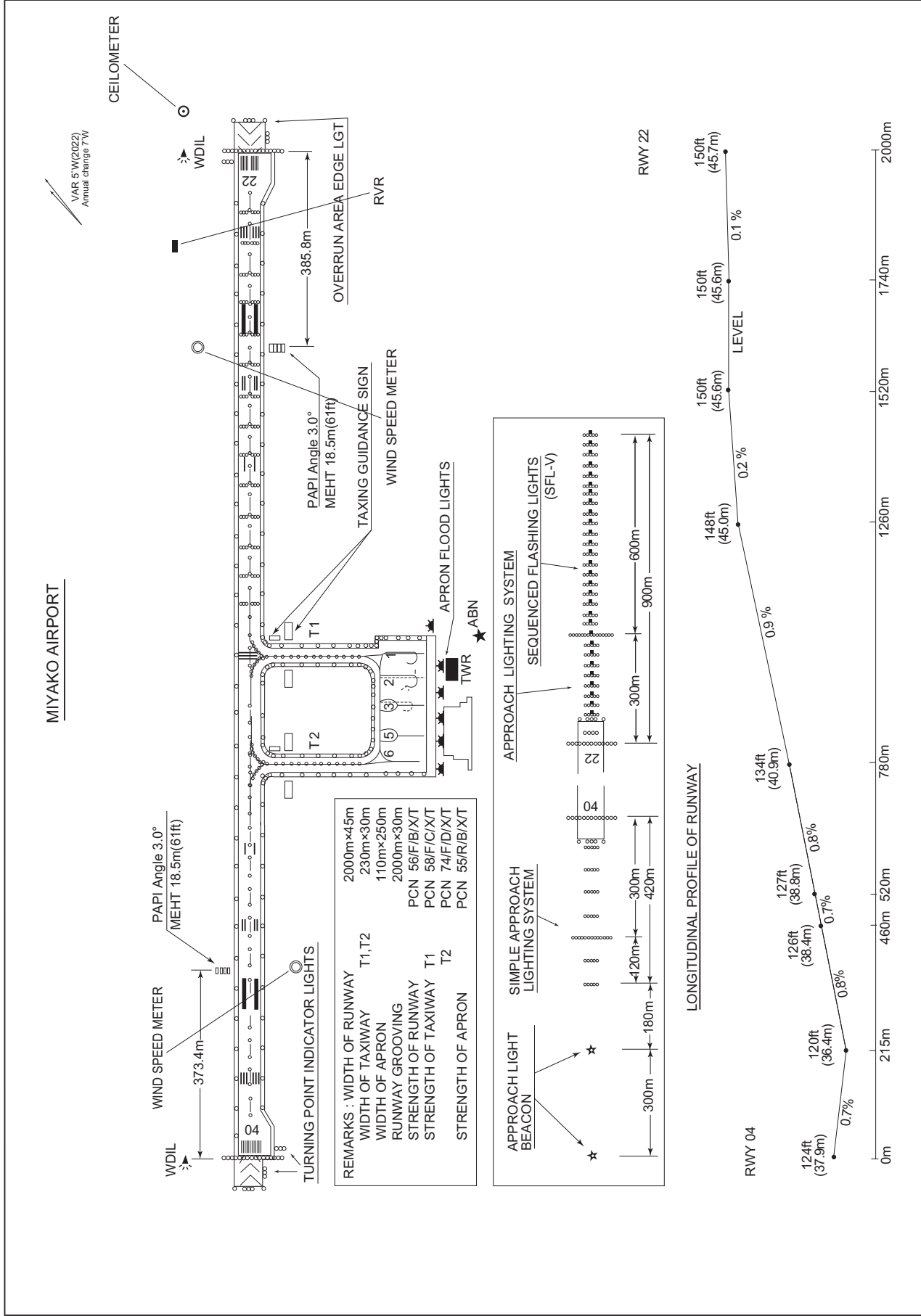


CHANGE : VAR.

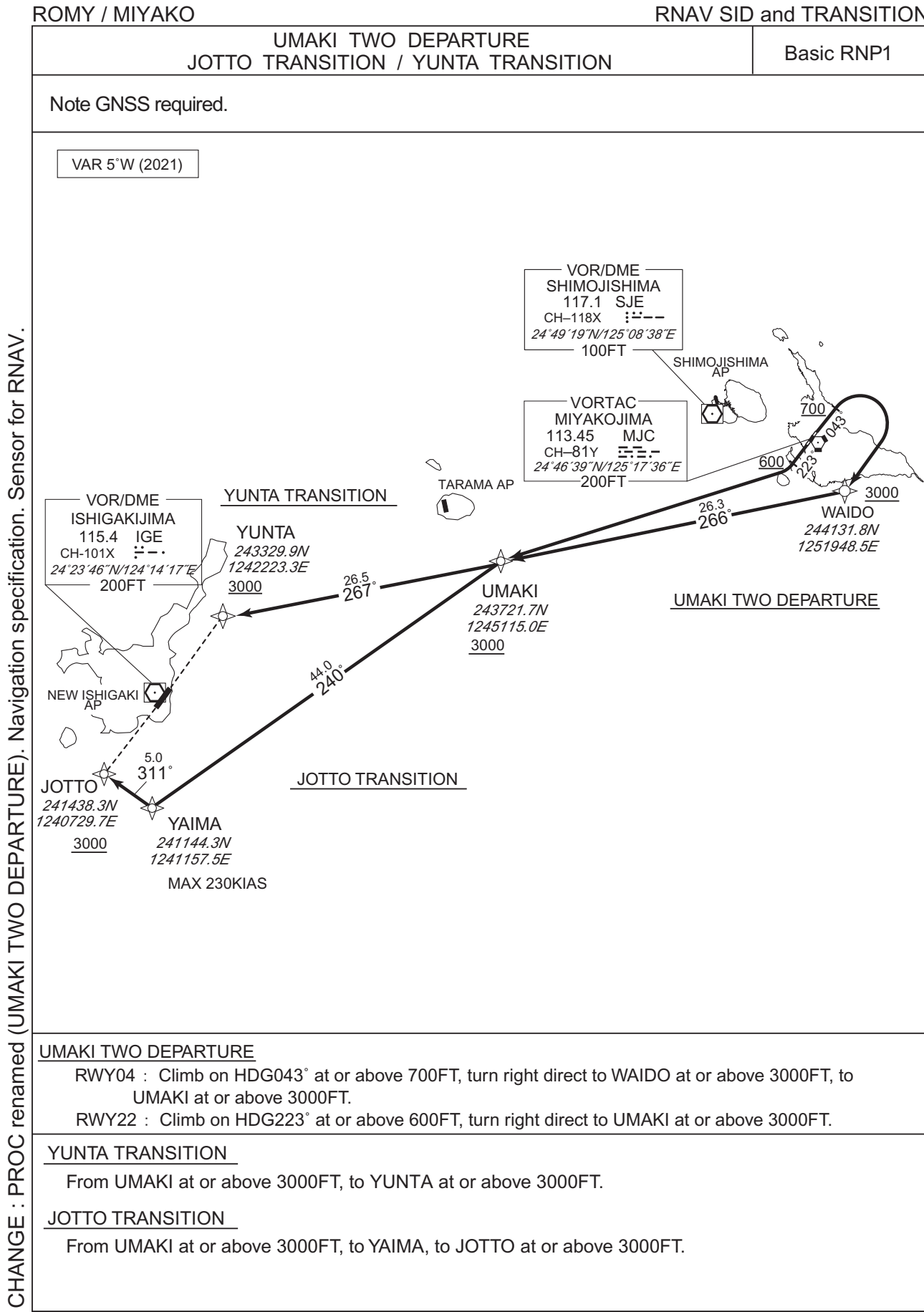
ROMY / MIYAKO

AD CHART



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STANDARD DEPARTURE CHART -INSTRUMENT



Note GNSS required.

VAR 5°W (2021)

**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

**VOR/DME ISHIGAKIJIMA**  
115.4 IGE  
CH-101X  
24°23'46"N/124°14'17"E  
200FT

**YUNTA TRANSITION**  
YUNTA  
243329.9N  
1242223.3E  
3000

**JOTTO TRANSITION**  
JOTTO  
241438.3N  
1240729.7E  
3000

**YAIMA**  
241144.3N  
1241157.5E  
MAX 230KIAS

**UMAKI TWO DEPARTURE**  
UMAKI  
243721.7N  
1245115.0E  
3000

**WAIGO**  
244131.8N  
1251948.5E  
3000

**NEW ISHIGAKI AP**  
24°23'46"N/124°14'17"E  
200FT

**SHIMOJISHIMA AP**  
24°49'19"N/125°08'38"E  
100FT

**MIYAKOJIMA AP**  
24°46'39"N/125°17'36"E  
200FT

**TARAMA AP**

**Navigation specification for RNAV.**

**UMAKI TWO DEPARTURE**  
RWY04 : Climb on HDG043° at or above 700FT, turn right direct to WAIGO at or above 3000FT, to UMAKI at or above 3000FT.  
RWY22 : Climb on HDG223° at or above 600FT, turn right direct to UMAKI at or above 3000FT.

**YUNTA TRANSITION**  
From UMAKI at or above 3000FT, to YUNTA at or above 3000FT.

**JOTTO TRANSITION**  
From UMAKI at or above 3000FT, to YAIMA, to JOTTO at or above 3000FT.

## STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID and TRANSITION

UMAKI TWO DEPARTURE

RWY04

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	—	—	043 (038.2)	-5.1	—	—	+700	—	—	Basic RNP1
002	DF	WAIDO	—	—	-5.1	—	R	+3000	—	—	Basic RNP1
003	TF	UMAKI	—	266 (261.0)	-5.1	26.3	—	+3000	—	—	Basic RNP1

RWY22

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	—	—	223 (218.2)	-5.1	—	—	+600	—	—	Basic RNP1
002	DF	UMAKI	—	—	-5.1	—	R	+3000	—	—	Basic RNP1

YUNTA TRANSITION

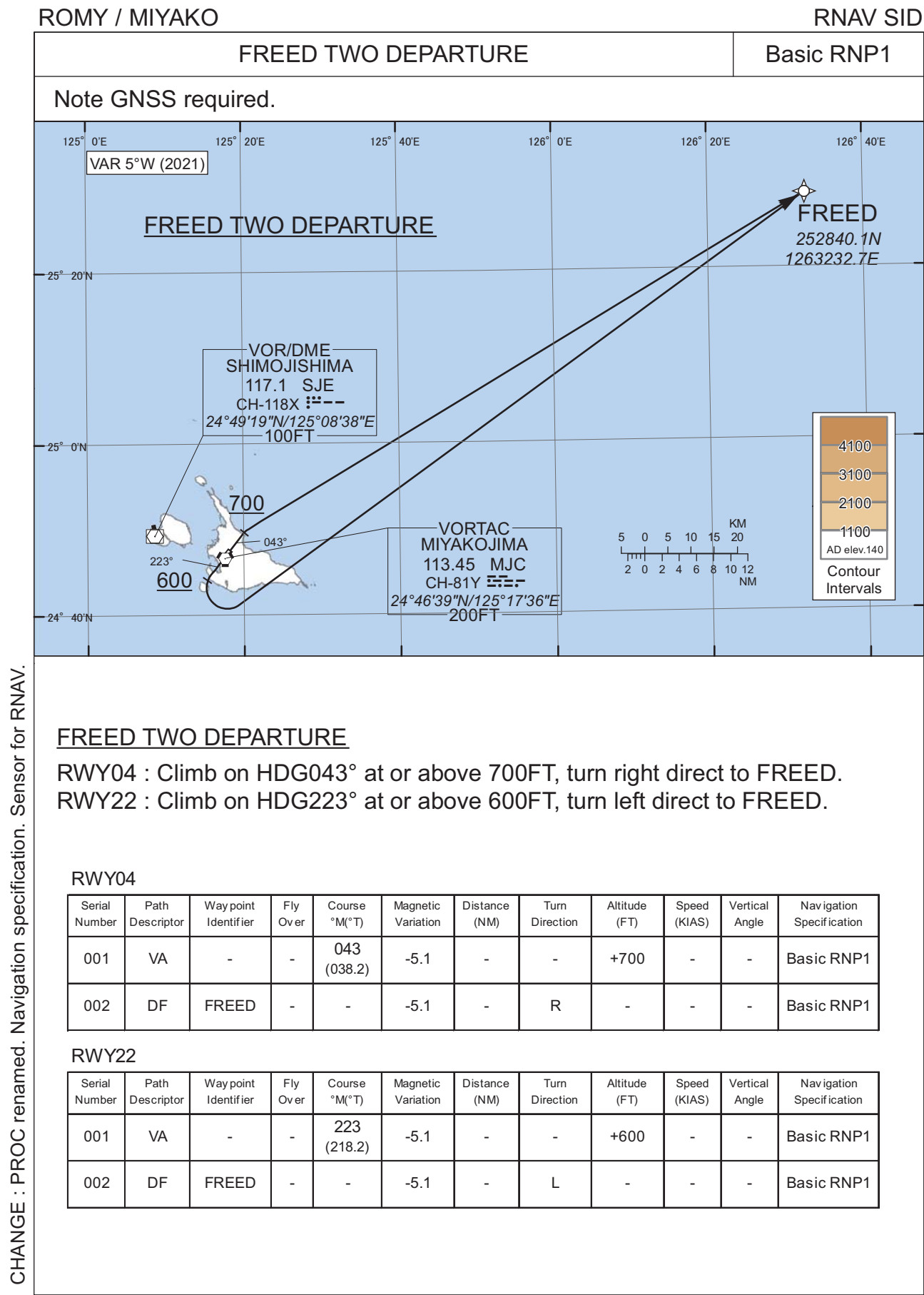
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	UMAKI	—	—	-5.1	—	—	+3000	—	—	Basic RNP1
002	TF	YUNTA	—	267 (261.7)	-5.1	26.5	—	+3000	—	—	Basic RNP1

JOTTO 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	UMAKI	—	—	-5.1	—	—	+3000	—	—	Basic RNP1
002	TF	YAIMA	—	240 (234.5)	-5.1	44.0	—	—	-230	—	Basic RNP1
003	TF	JOTTO	—	311 (305.5)	-5.1	5.0	—	+3000	—	—	Basic RNP1

CHANGE : PROC renamed (UMAKI TWO DEPARTURE). Navigation specification.

STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

SID

NAHA SIX DEPARTURE

RWY 04 : Climb RWY HDG to 700FT, turn right...

RWY 22 : Climb RWY HDG to 600FT, turn left HDG015°...  
... to intercept and proceed via MJC R060 to PAYAO.

STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

SID

WEST SEVEN DEPARTURE

RWY 04 : Climb RWY HDG to 700FT, turn right...  
RWY 22 : Climb RWY HDG to 600FT, turn right...  
... to intercept and proceed via MJC R253 to SHUJI.  
Cross SHUJI at or above 3000FT.

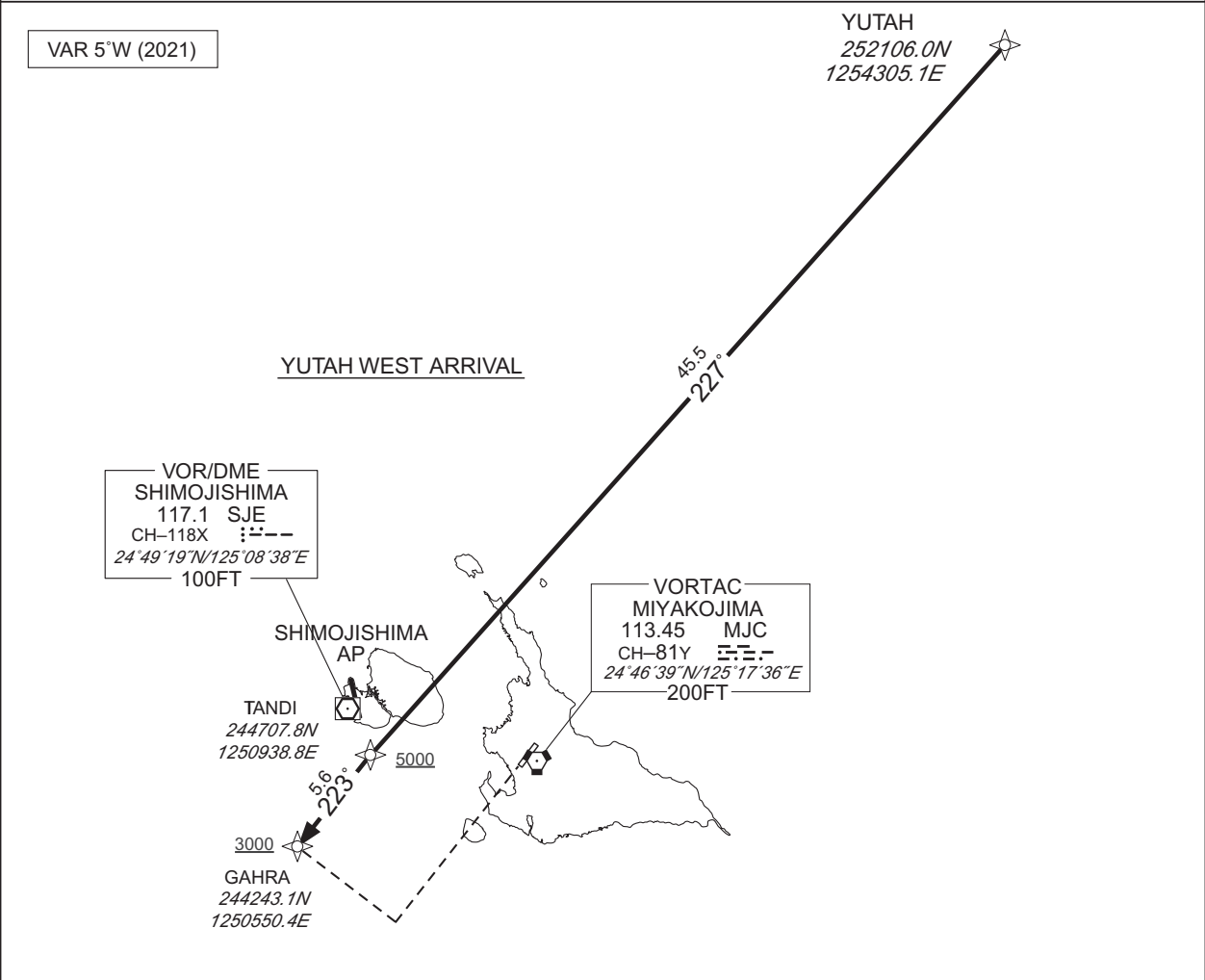


STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKORNAV STAR RWY04

YUTAH WEST ARRIVAL	Basic RNP1
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Note GNSS required.



YUTAH WEST ARRIVAL

From YUTAH, to TANDI at or above 5000FT, to GAHRA at or above 3000FT.

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	YUTAH	—	—	-5.1	—	—	—	—	—	Basic RNP1
002	TF	TANDI	—	227 (221.8)	-5.1	45.5	—	+5000	—	—	Basic RNP1
003	TF	GAHRA	—	223 (218.1)	-5.1	5.6	—	+3000	—	—	Basic RNP1

CHANGE : Navigation specification. Sensor for RNAV.



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY22

YUTAH NORTH ARRIVAL

Basic RNP1

Note GNSS required.

VAR 5°W (2021)

YUTAH

252106.0N

1254305.1E

31.3

218°

1600

MIBAI

245444.1N

1252426.3E

VOR/DME

SHIMOJISHIMA

117.1 SJE

CH-118X

24°49'19"N/125°08'38"E

100FT

SHIMOJISHIMA

AP

VORTAC

MIYAKOJIMA

113.45 MJC

CH-81Y

24°46'39"N/125°17'36"E

200FT

MIYAKOJIMA

AP

YUTAH NORTH ARRIVAL

From YUTAH, to MIBAI at or above 1600FT.

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	YUTAH	—	—	-5.1	—	—	—	—	—	Basic RNP1
002	TF	MIBAI	—	218 (212.7)	-5.1	31.3	—	+1600	—	—	Basic RNP1

CHANGE : Navigation specification. Sensor for RNAV.

Civil Aviation Bureau,Japan (EFF:16 JUN 2022)

19/5/22

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

ILS Z or LOC Z RWY22



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

ILS Y or LOC Y RWY22



## MISSED APPROACH

Climb to 600FT on HDG 223°, turn left HDG 125° to intercept and proceed via MJC R170 to 2000FT, turn left, direct to MJC VORTAC and hold at 3000FT. Contact SAKISHIMA APP.

Timing not authorized for defining the MAPt.



## MINIMA

THR elev. 150

AD elev. 140

CAT	CAT I		LOC		CIRCLING		
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS	
A	350 (200)	550	580 (440)	900	710 (570)	1600	
B				1000		2400	
C				1400		3200	
D							

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY04



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

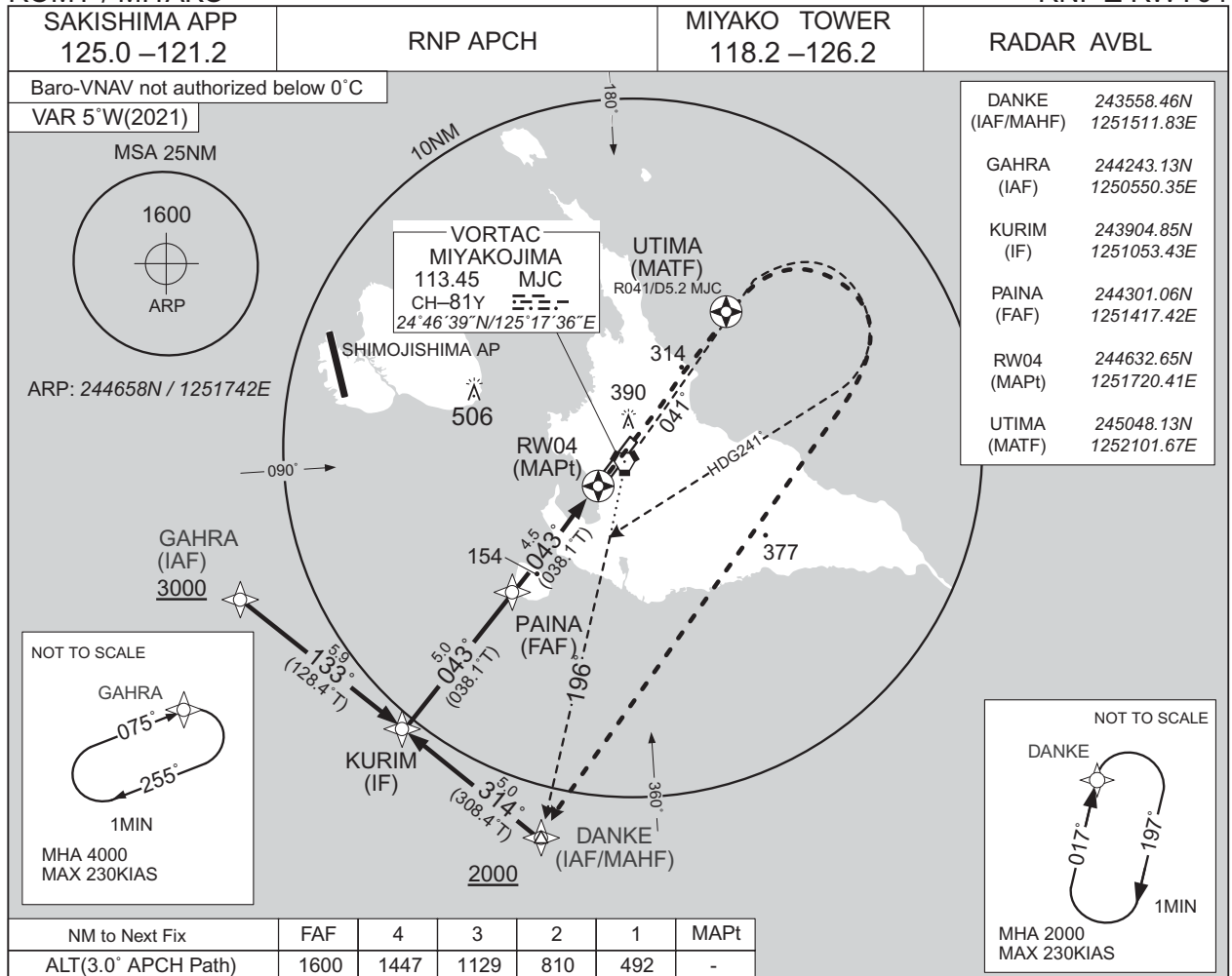
VOR RWY22



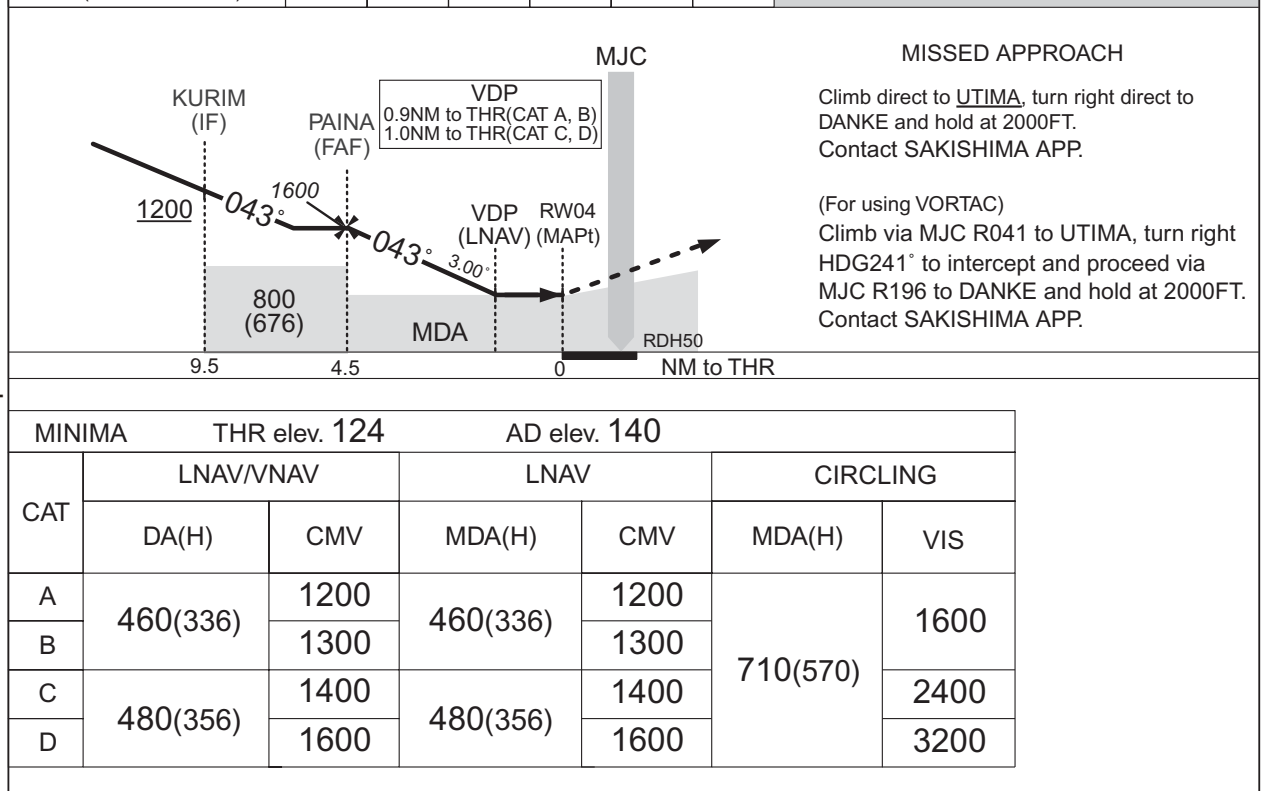
## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Z RWY04



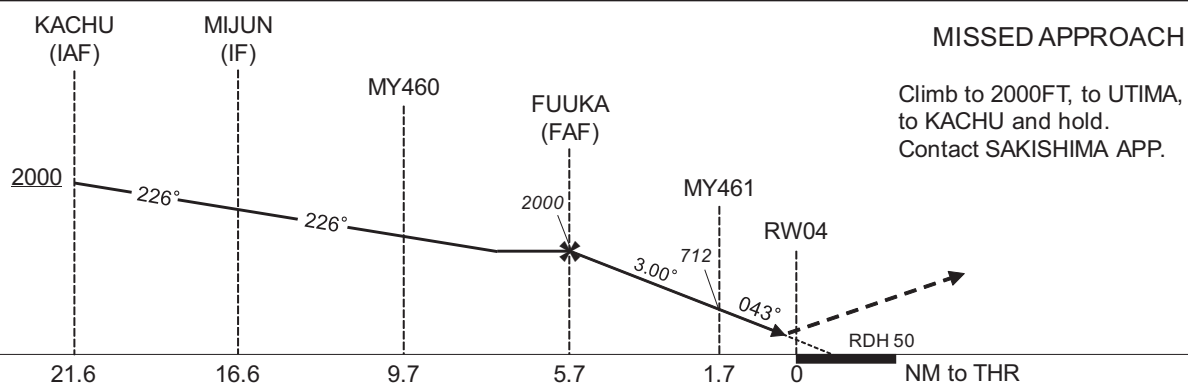
CHANGE:PROC renamed. Requirement for RNP.



## ROMY / MIYAKO

RNP Y RWY04(AR)

SAKISHIMA APP 125.0 - 121.2	RNP AR RF required.	MIYAKO TOWER 118.2 - 126.2	RADAR AVBL
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MINIMA	THR elev. 124		AD elev. 140	
CAT	RNP 0.29		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	424(300)	1400	430(306)	1400
D		1600	440(316)	1600

## Authorization Required

Civil Aviation Bureau, Japan (EFF:6 OCT 2022)

11/8/22

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Y RWY04(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	KACHU	-	-	-5.2	-	-	+2000	-	-	-
002	TF	MIJUN	-	226 (220.8)	-5.2	5.0	-	-	-	-	1.0
003	TF	MY460	-	226 (220.7)	-5.2	6.9	-	+2000	-185	-	1.0
004	RF Center: MYRF1 r=2.52NM	FUUKA	-	-	-5.2	4.0	L	2000	-	-	1.0
005	RF Center: MYRF1 r=2.52NM	MY461	-	-	-5.2	4.0	L	712	-	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-5.2	1.7	-	174	-	-3.00/50	0.29 0.30
007	TF	UTIMA	-	043 (038.2)	-5.2	5.4	-	-	-	-	1.0
008	TF	KACHU	-	001 (355.6)	-5.2	6.7	-	2000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	KACHU	199 (193.5)	-5.2	1.0 (-14000)	R	2000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KACHU	245726.14N / 1252027.95E	MYRF1	244646.77N / 1251400.81E
MIJUN	245338.80N / 1251651.84E		
MY460	244826.09N / 1251155.10E		
FUUKA	244450.77N / 1251213.64E		
MY461	244512.72N / 1251611.26E		
RW04	244632.65N / 1251720.41E		
UTIMA	245048.13N / 1252101.67E		

CHANGE : PROC renamed.

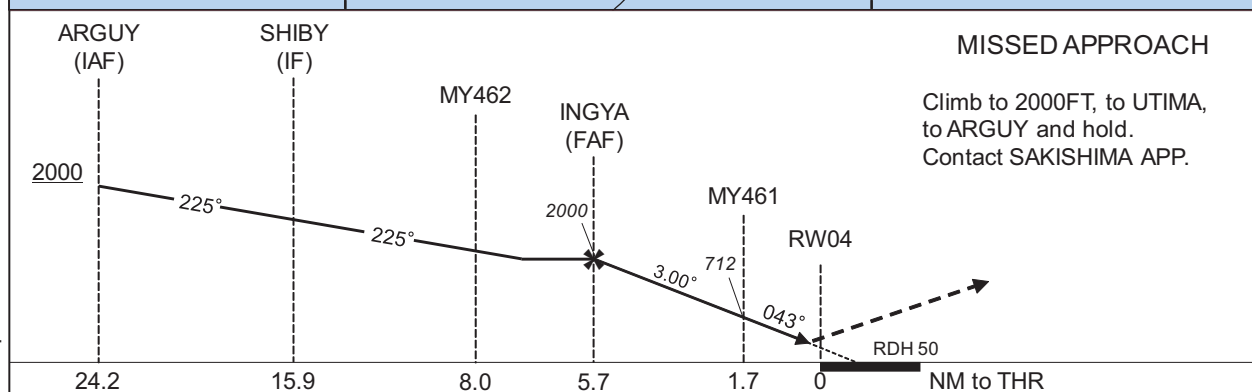
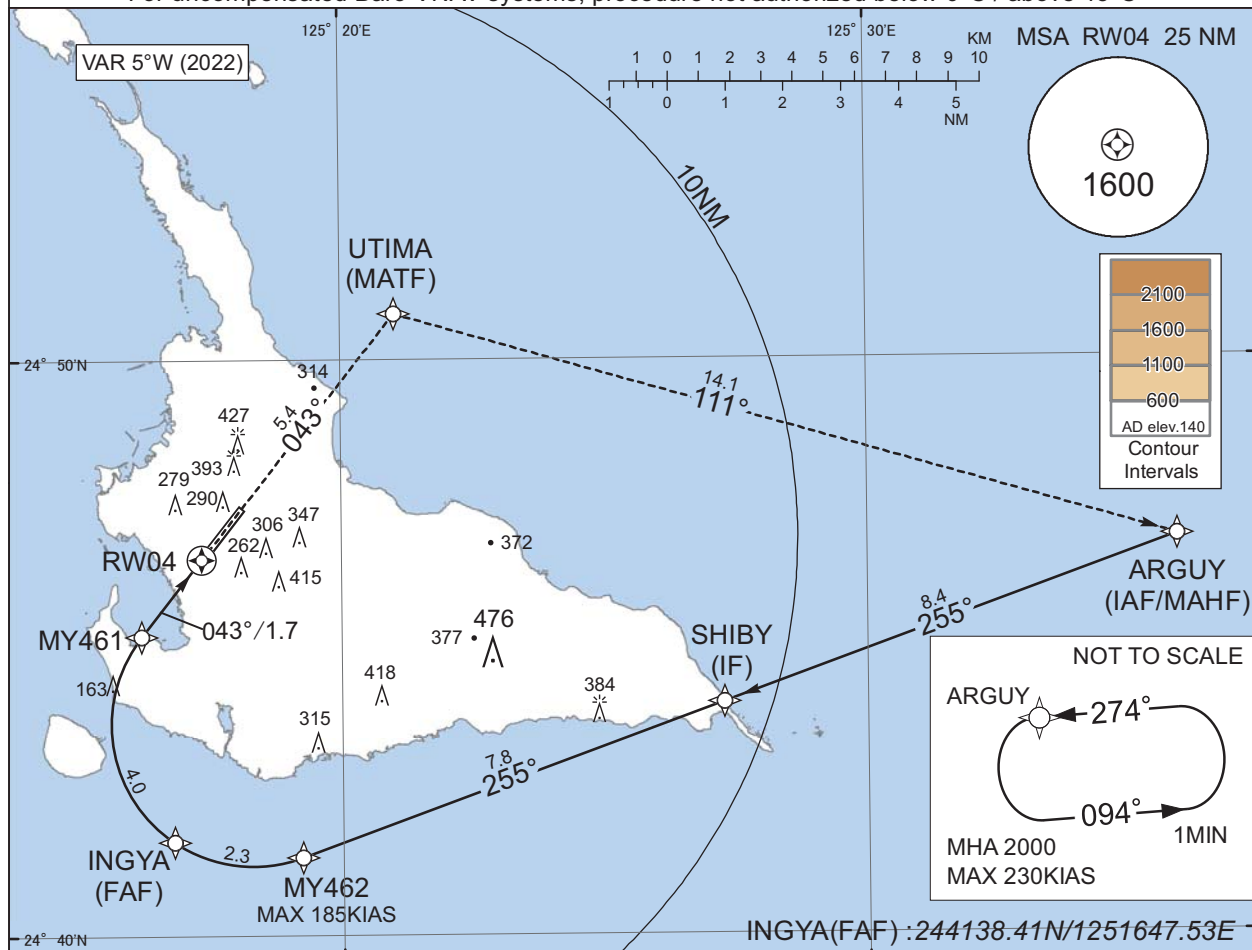


## ROMY / MIYAKO

RNP X RWY04(AR)

SAKISHIMA APP 125.0 - 121.2	RNP AR RF required.	MIYAKO TOWER 118.2 - 126.2	RADAR AVBL
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For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



MINIMA	THR elev. 124		AD elev. 140	
CAT	RNP 0.29		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	424(300)	1400	430(306)	1400
D		1600	440(316)	1600

## Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP X RWY04(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	ARGUY	-	-	-5.2	-	-	+2000	-	-	-
002	TF	SHIBY	-	255 (250.0)	-5.2	8.4	-	-	-	-	1.0
003	TF	MY462	-	255 (250.0)	-5.2	7.8	-	+2000	-185	-	1.0
004	RF Center: MYRF2 r=2.46NM	INGYA	-	-	-5.2	2.3	R	2000	-	-	1.0
005	RF Center: MYRF2 r=2.46NM	MY461	-	-	-5.2	4.0	R	712	-	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-5.2	1.7	-	174	-	-3.00/50	0.29 0.30
007	TF	UTIMA	-	043 (038.2)	-5.2	5.4	-	-	-	-	1.0
008	TF	ARGUY	-	111 (106.1)	-5.2	14.1	-	2000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	ARGUY	274 (269.3)	-5.2	1.0 (-14000)	L	2000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ARGUY	244652.87N / 1253554.53E	MYRF2	244340.95N / 1251818.44E
SHIBY	244401.74N / 1252716.29E		
MY462	244121.83N / 1251913.79E		
INGYA	244138.41N / 1251647.53E		
MY461	244512.72N / 1251611.26E		
RW04	244632.65N / 1251720.41E		
UTIMA	245048.13N / 1252101.67E		

CHANGE : PROC renamed.



ROMY / MIYAKO

Minimum Vectoring Altitude CHART

VAR 5°W (2022)



- ① 260606N/125351E  
 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.