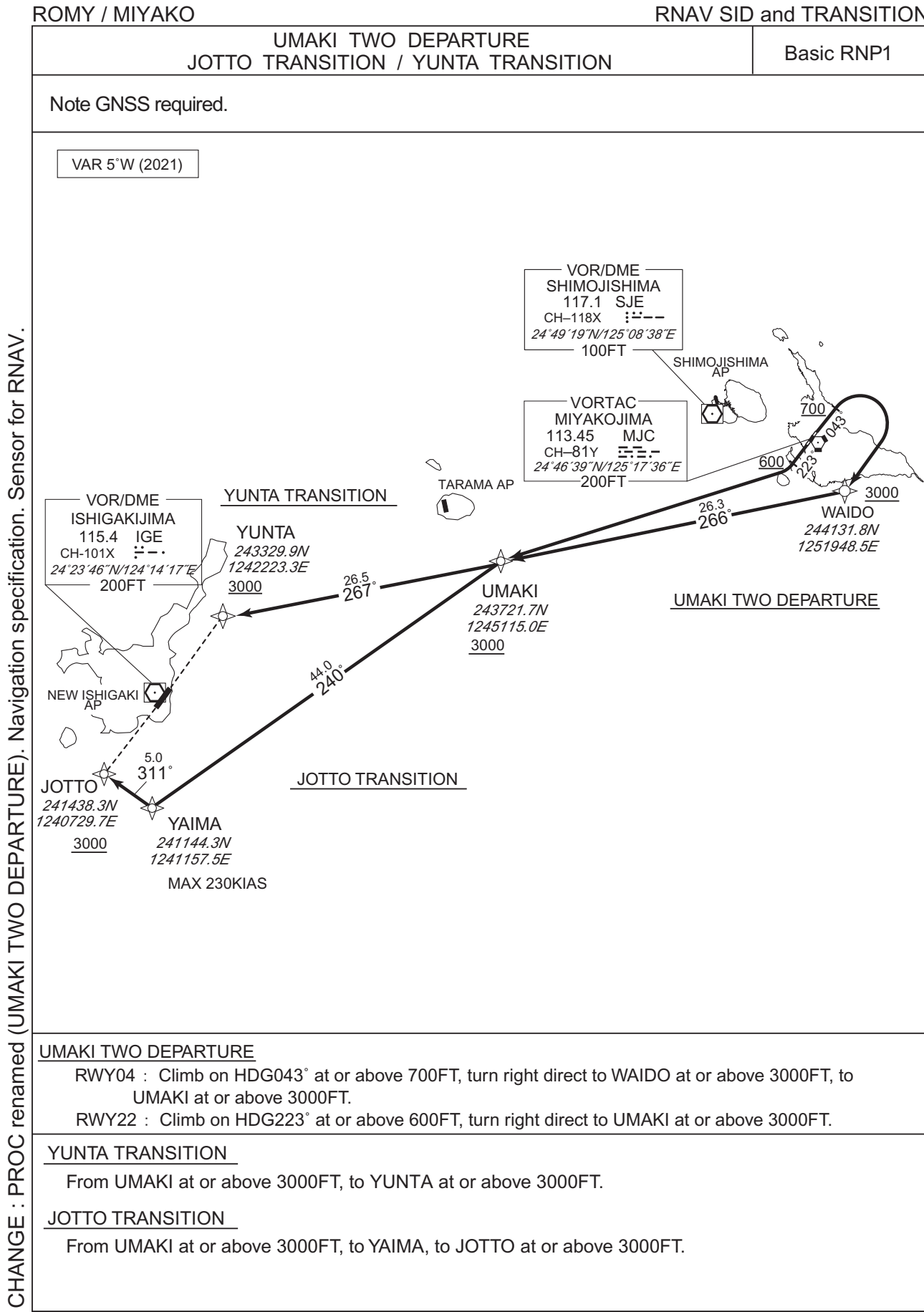


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STANDARD DEPARTURE CHART -INSTRUMENT



Note GNSS required.

VAR 5°W (2021)

YUNTA TRANSITION

JOTTO TRANSITION

UMAKI TWO DEPARTURE

YUNTA  
243329.9N  
1242223.3E  
3000

UMAKI  
243721.7N  
1245115.0E  
3000

JOTTO  
241438.3N  
1240729.7E  
3000

YAIMA  
241144.3N  
1241157.5E  
3000

WAIDO  
244131.8N  
1251948.5E  
3000

VOR/DME  
ISHIGAKIJIMA  
115.4 IGE  
CH-101X  
200FT

VORTAC  
MIYAKOJIMA  
113.45 MJC  
CH-81Y  
200FT

VOR/DME  
SHIMOJISHIMA  
117.1 SJE  
CH-118X  
100FT

NEW ISHIGAKI AP

SHIMOJISHIMA AP

TARAMA AP

MAX 230KIAS

5.0° 311°

26.5° 267°

44.0° 240°

26.3° 266°

700

600

223

043

UMAKI TWO DEPARTURE

RWY04 : Climb on HDG043° at or above 700FT, turn right direct to WAIDO 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.

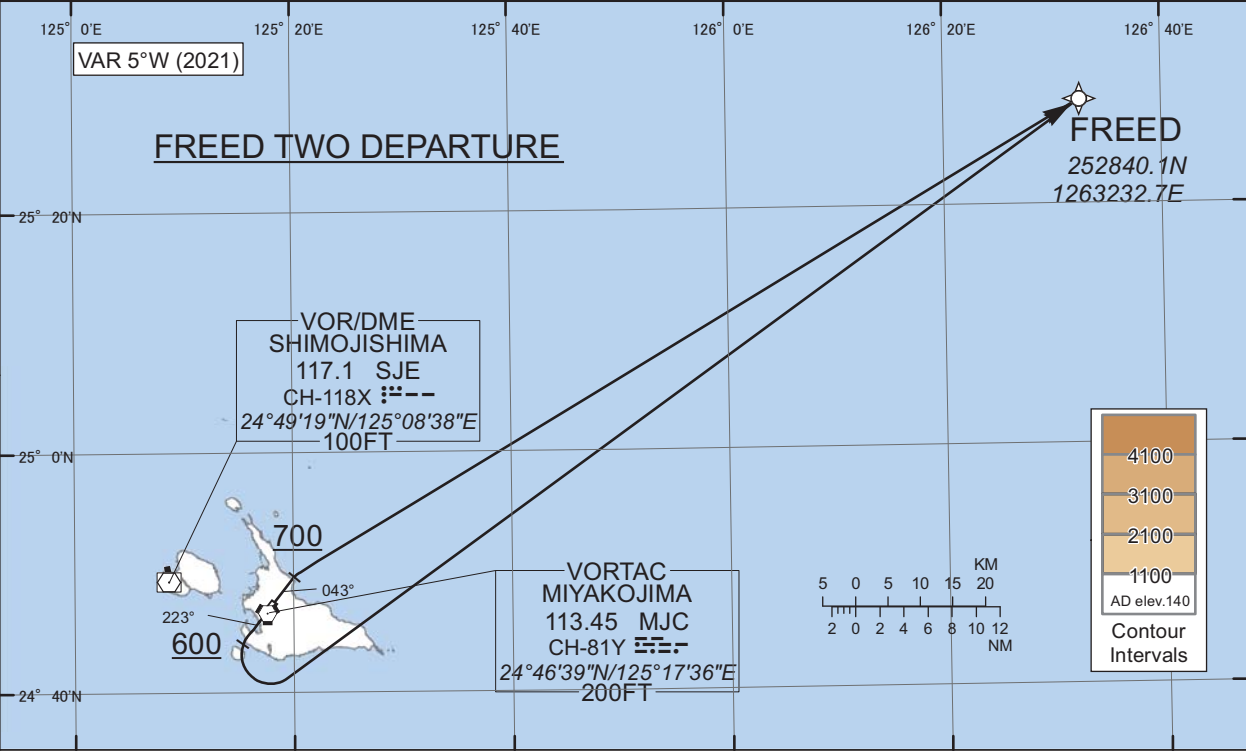
STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID

FREED TWO DEPARTURE	Basic RNP1
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Note GNSS required.



FREED TWO DEPARTURE

RWY04 : Climb on HDG043° at or above 700FT, turn right direct to FREED.  
RWY22 : Climb on HDG223° at or above 600FT, turn left direct to FREED.

RWY04

Serial Number	Path Descriptor	Way point 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	FREED	-	-	-5.1	-	R	-	-	-	Basic RNP1

RWY22

Serial Number	Path Descriptor	Way point 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	FREED	-	-	-5.1	-	L	-	-	-	Basic RNP1

CHANGE : PROC renamed. Navigation specification. Sensor for RNAV.

## 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.



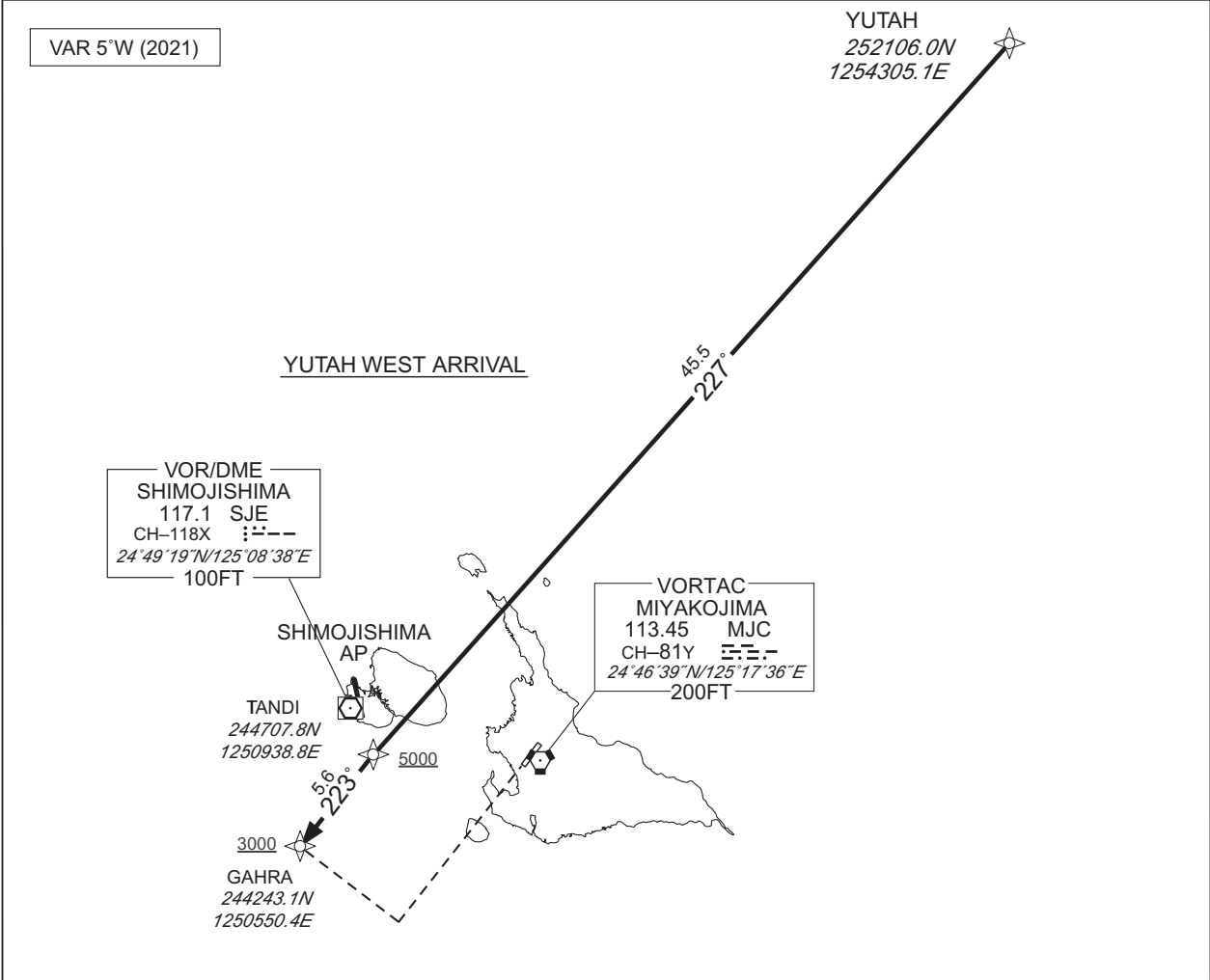
STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV 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

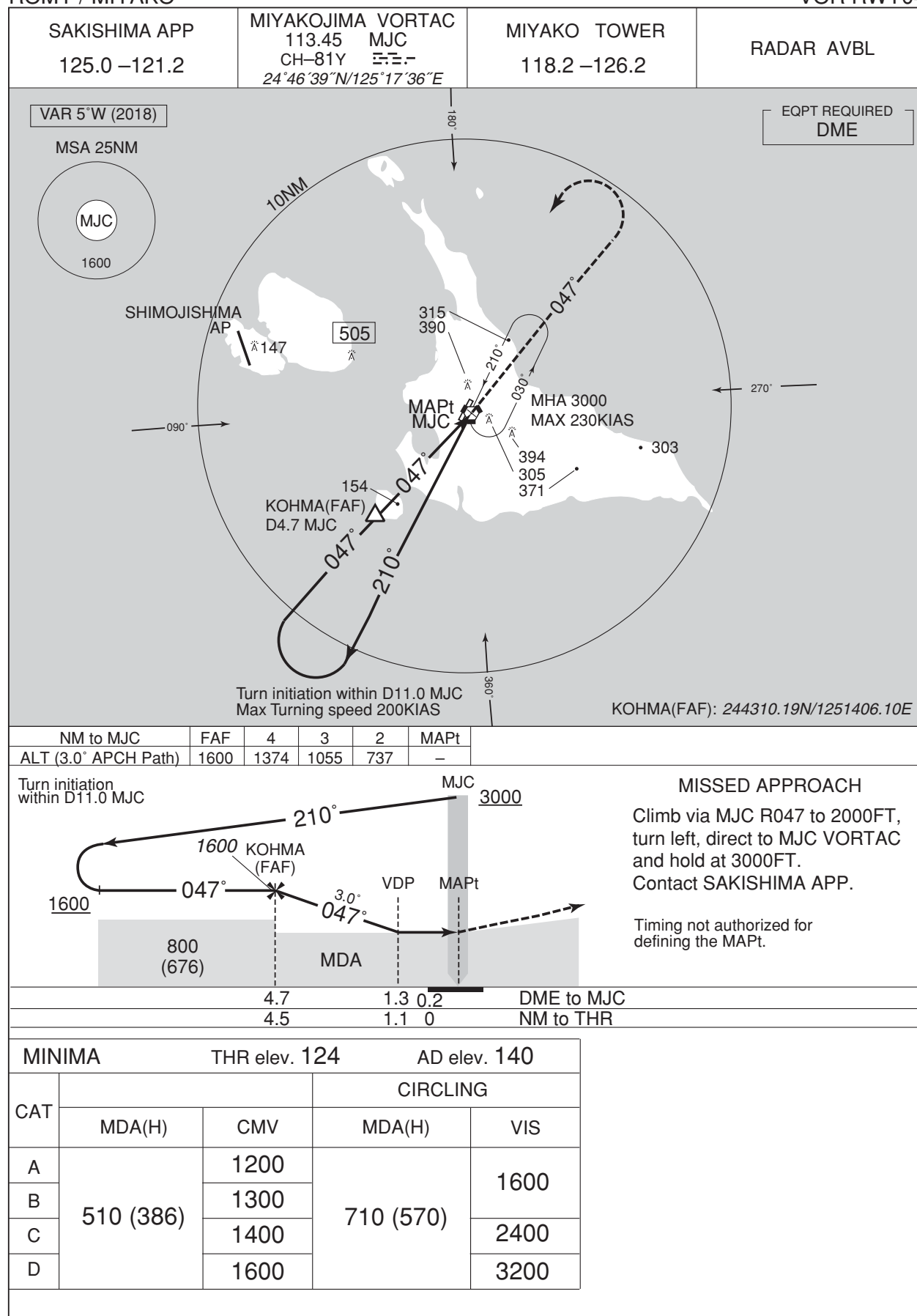
AD elev. 140

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

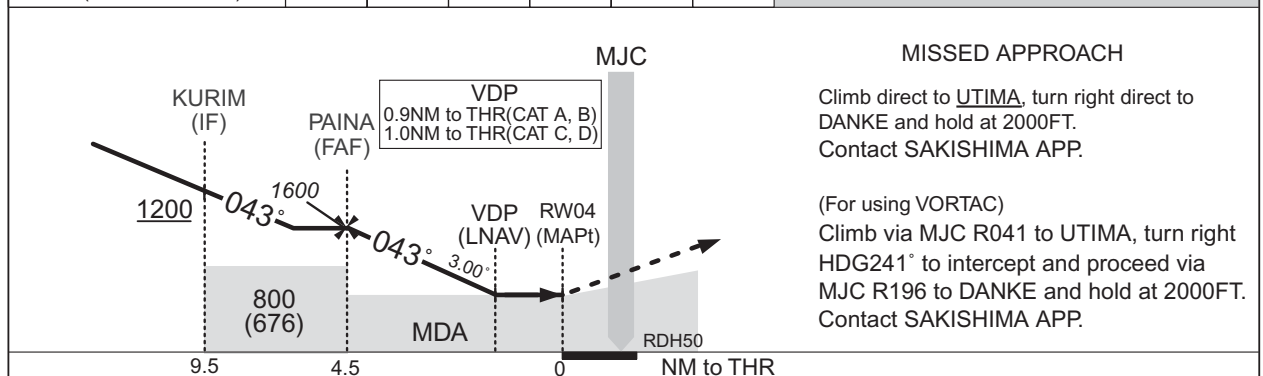
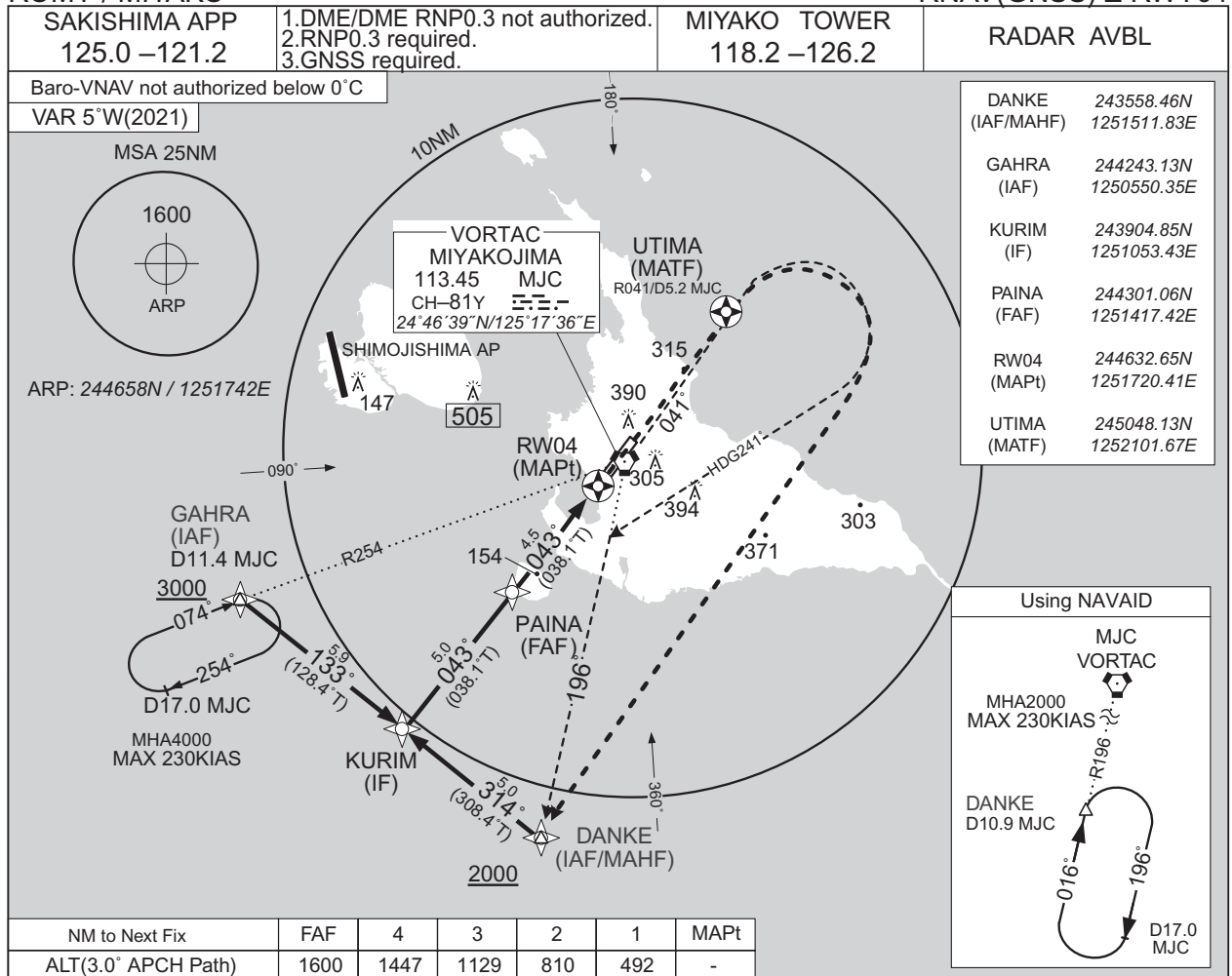
VOR RWY22



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(GNSS) Z RWY04

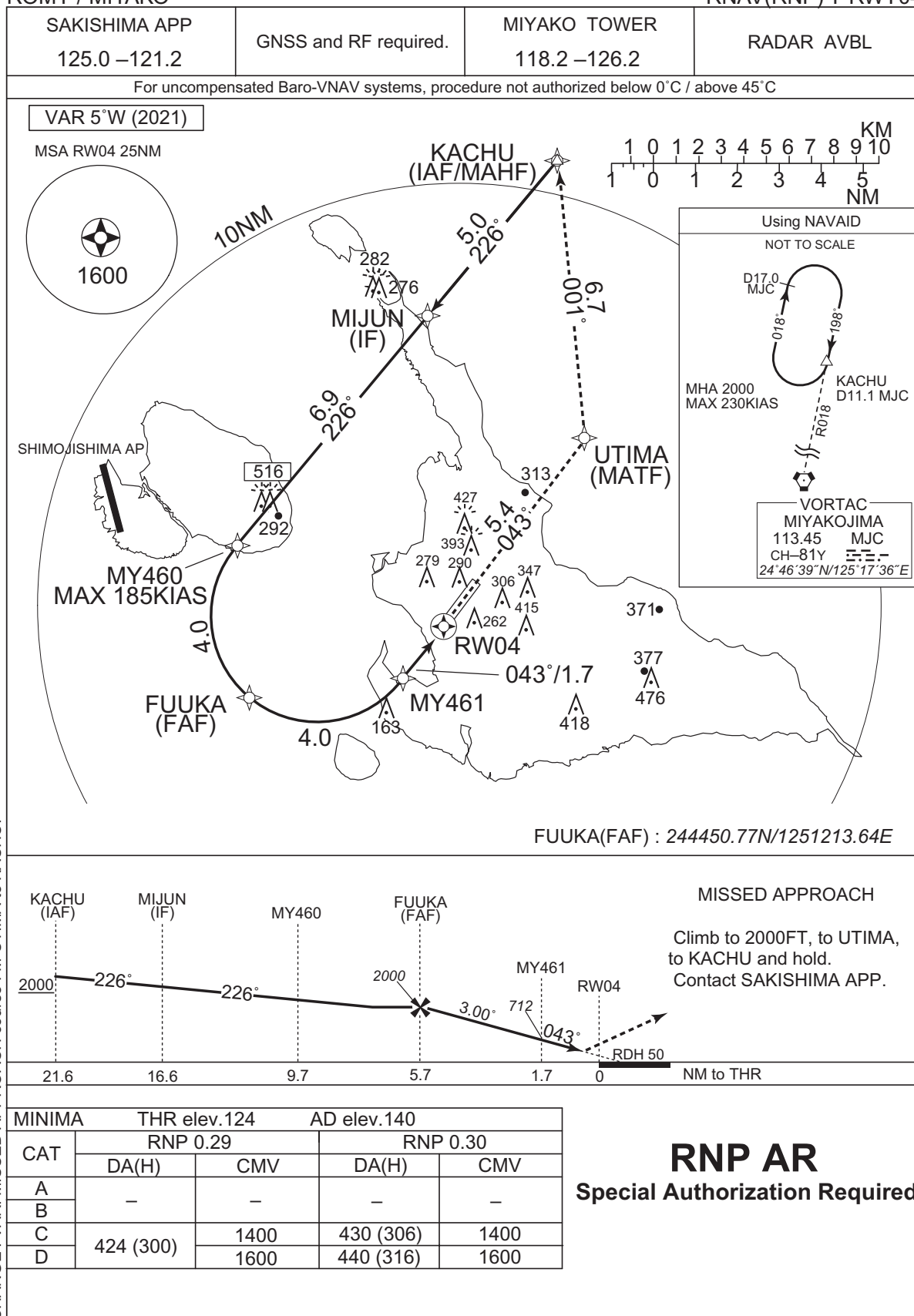


CHANGE : Sensor for RNAV.

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) Y RWY04



CHANGE : VAR. MISSED APPROACH course FM UTIMA to KACHU.

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) Y RWY04

RNAV(RNP) Y RWY04Coding 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	—	—	-5.1	—	—	+2000	—	—	—
002	TF	MIJUN	—	226 (220.8)	-5.1	5.0	—	—	—	—	1.0
003	TF	MY460	—	226 (220.7)	-5.1	6.9	—	+2000	-185	—	1.0
004	RF Center: MYRF1 r=2.52NM	FUUKA	—	—	-5.1	4.0	L	2000	—	—	1.0
005	RF Center: MYRF1 r=2.52NM	MY461	—	—	-5.1	4.0	L	712	—	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-5.1	1.7	—	174	—	-3.00/50	0.29 0.30
007	TF	UTIMA	—	043 (038.2)	-5.1	5.4	—	—	—	—	1.0
008	TF	KACHU	—	001 (355.6)	-5.1	6.7	—	2000	—	—	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		

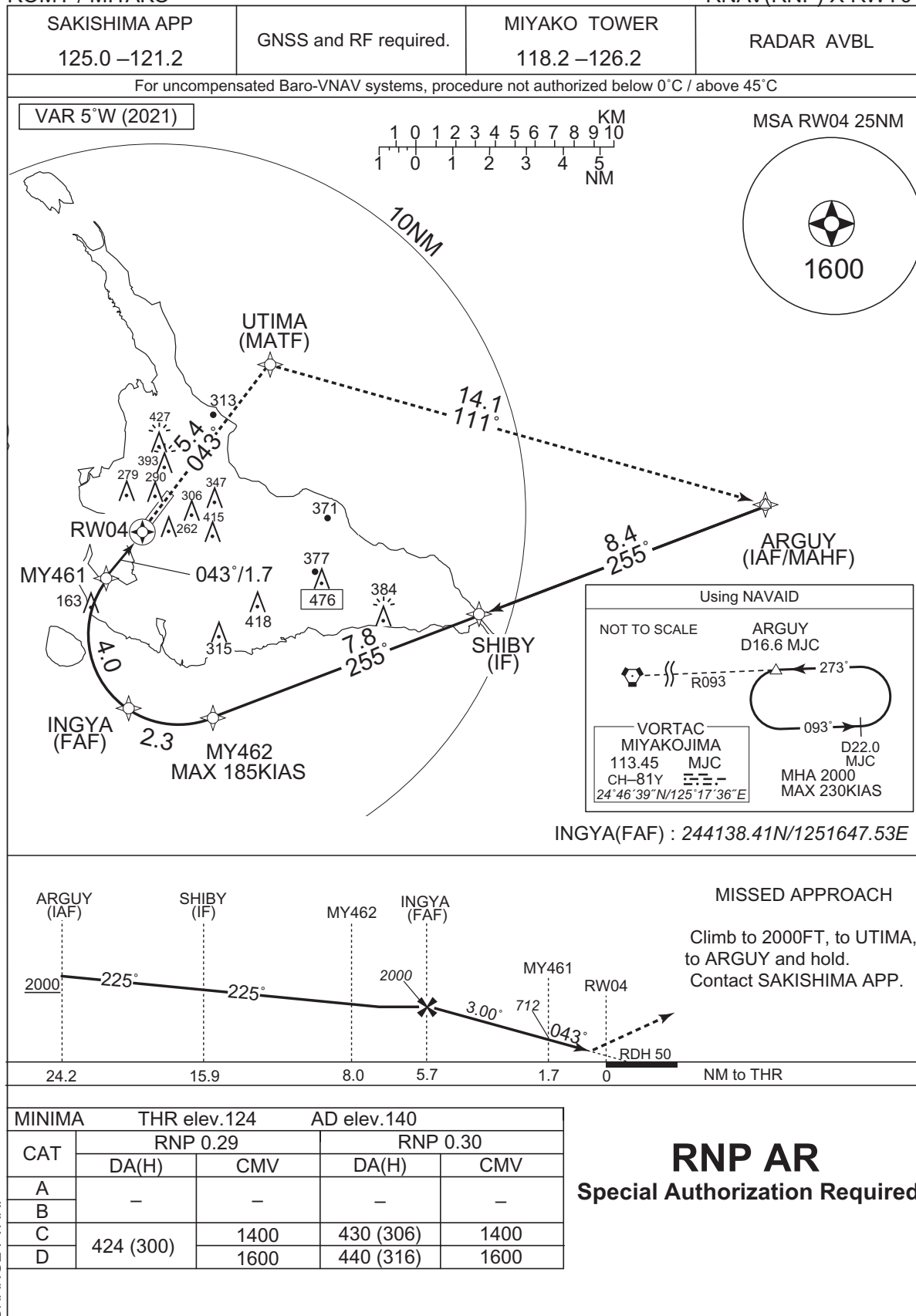
CHANGE : VAR. MISSED APPROACH course FM UTIMA to KACHU.



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) X RWY04



CHANGE : VAR.

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) X RWY04

RNAV(RNP) X RWY04Coding Table

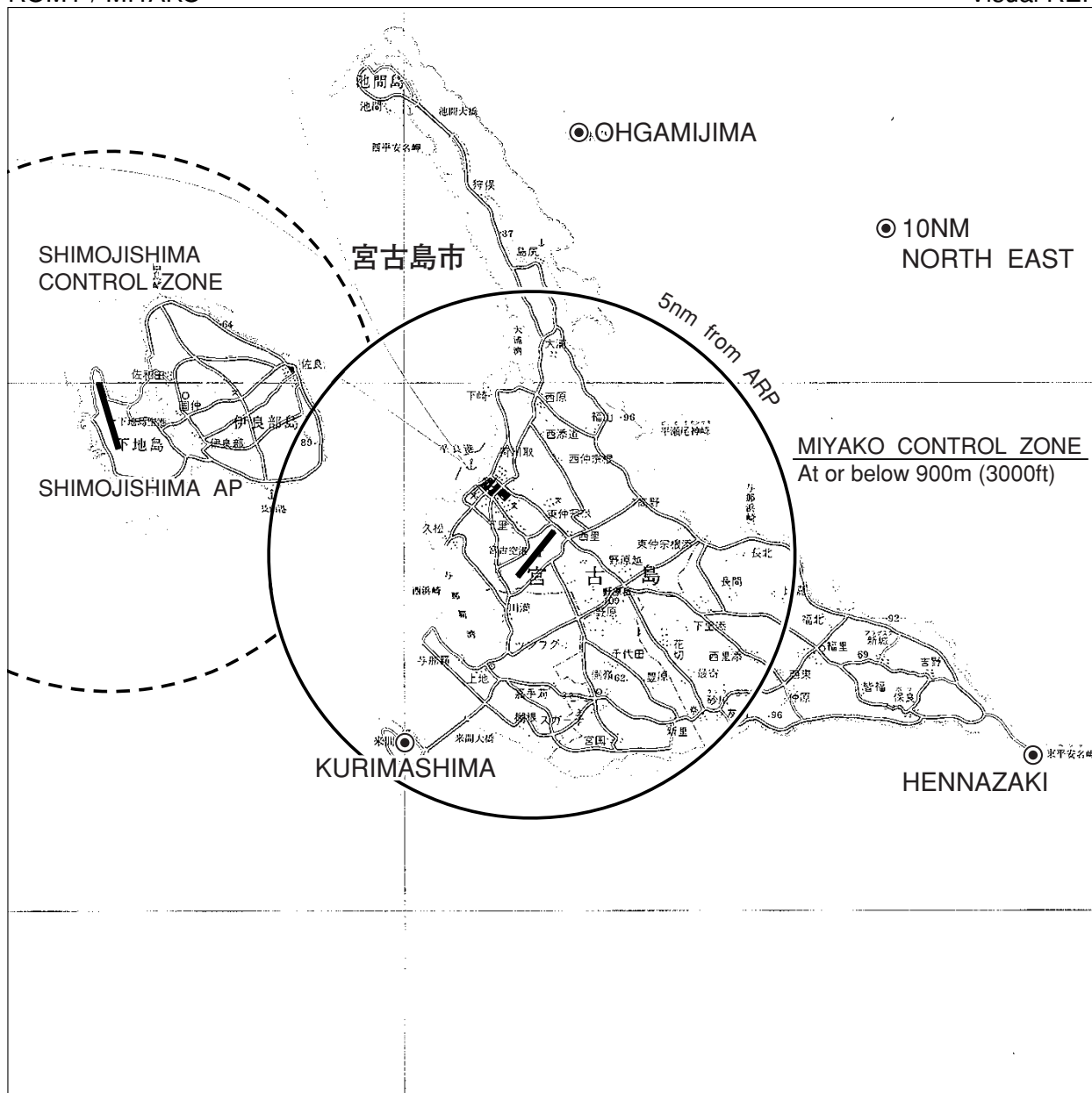
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	ARGUY	—	—	-5.1	—	—	+2000	—	—	—
002	TF	SHIBY	—	255 (250.0)	-5.1	8.4	—	—	—	—	1.0
003	TF	MY462	—	255 (250.0)	-5.1	7.8	—	+2000	-185	—	1.0
004	RF Center: MYRF2 r=2.46NM	INGYA	—	—	-5.1	2.3	R	2000	—	—	1.0
005	RF Center: MYRF2 r=2.46NM	MY461	—	—	-5.1	4.0	R	712	—	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-5.1	1.7	—	174	—	-3.00/50	0.29 0.30
007	TF	UTIMA	—	043 (038.2)	-5.1	5.4	—	—	—	—	1.0
008	TF	ARGUY	—	111 (106.1)	-5.1	14.1	—	2000	—	—	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 : VAR.

Visual REP

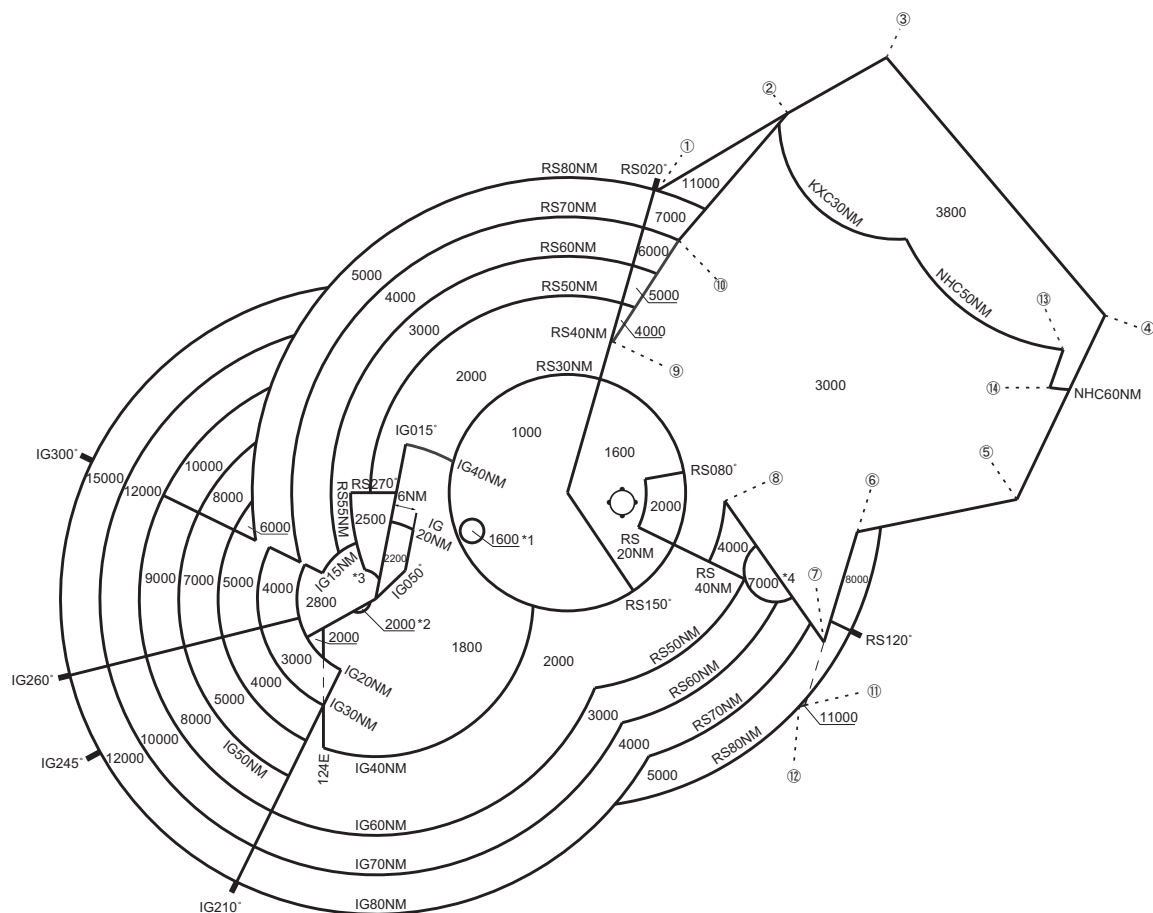


Call sign	BRG / DIST from ARP	Remarks
10NM NORTH EAST	045°/10.0NM	海上 Over the sea
大 神 島 Ohgamijima	009°/ 8.0NM	島 Island
来 間 島 Kurimashima	220°/ 4.5NM	島 Island
平 安 名 崎 Hennazaki	115°/10.0NM	灯台 Lighthouse

ROMY / MIYAKO

Minimum Vectoring Altitude CHART

VAR 4°W (2013)



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 : Update(BTN RS020° and RS150°).