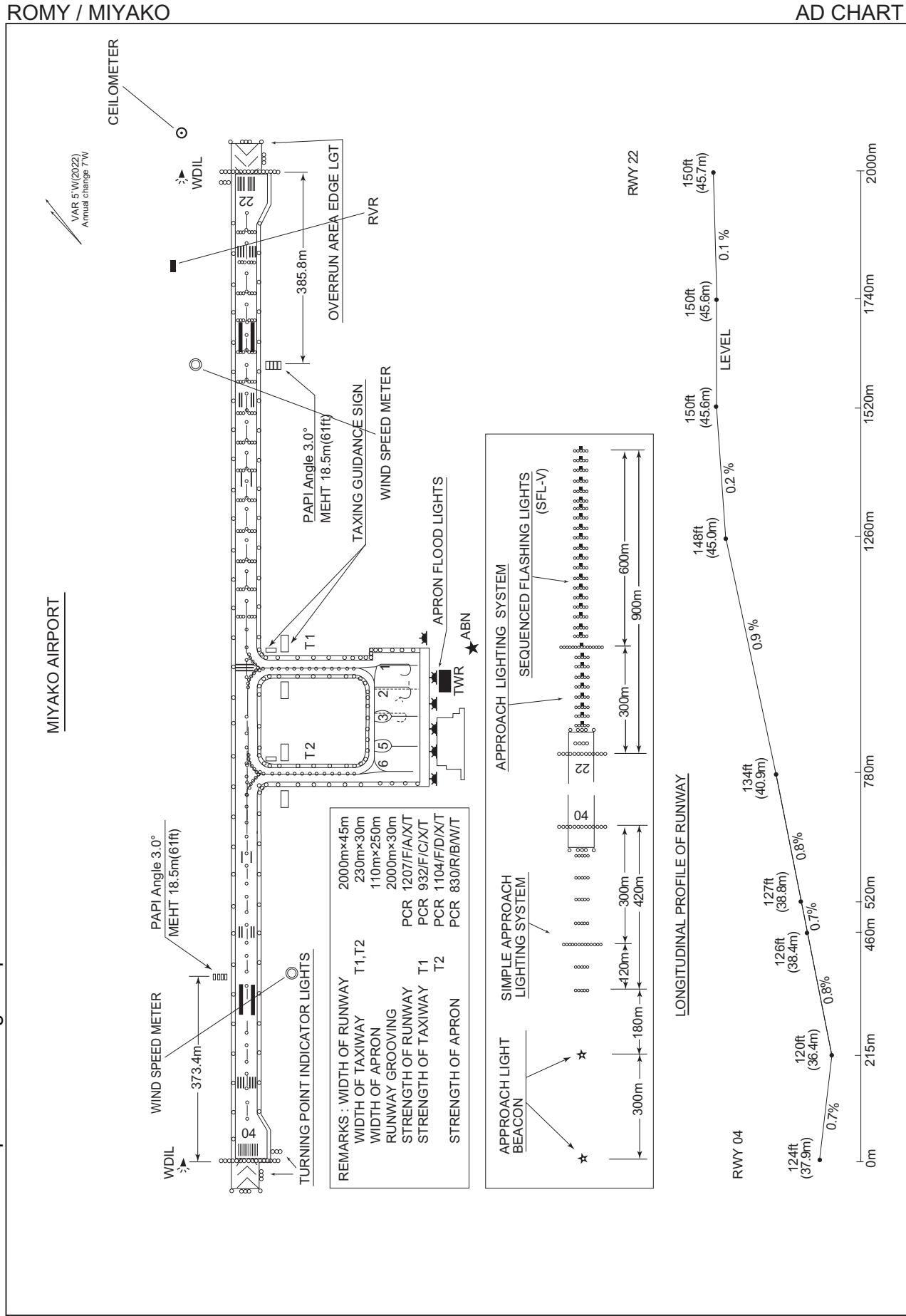


**CHANGE : Description of strength of pavement.**



**INTENTIONALLY LEFT BLANK**

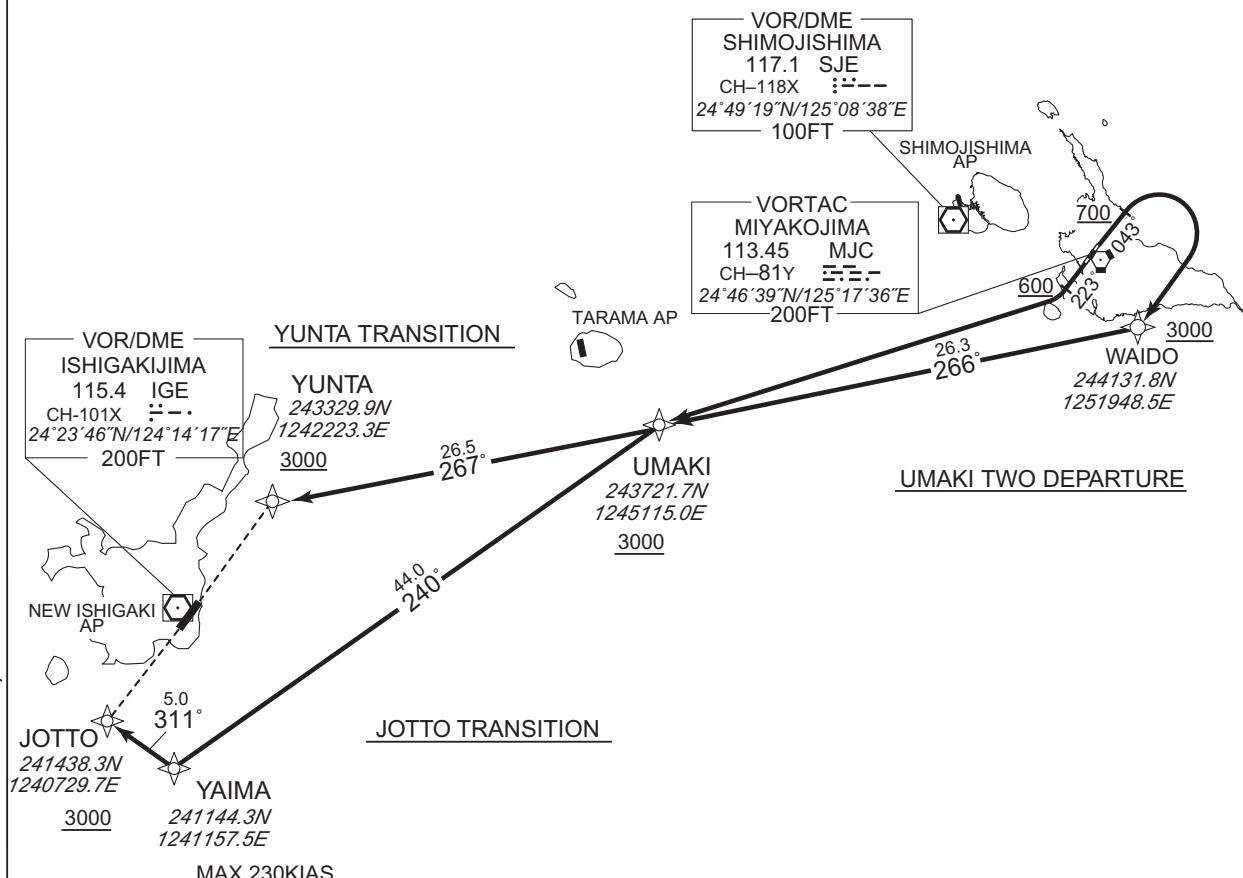
## **STANDARD DEPARTURE CHART -INSTRUMENT**

ROMY / MIYAKO

## RNAV SID and TRANSITION

Note GNSS required.

VAR 5°W (2021)



#### 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	-	-	RNP1
002	DF	WAIDO	-	-	-5.1	-	R	+3000	-	-	RNP1
003	TF	UMAKI	-	266 (261.0)	-5.1	26.3	-	+3000	-	-	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	-	-	RNP1
002	DF	UMAKI	-	-	-5.1	-	R	+3000	-	-	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	-	-	RNP1
002	TF	YUNTA	-	267 (261.7)	-5.1	26.5	-	+3000	-	-	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	-	-	RNP1
002	TF	YAIMA	-	240 (234.5)	-5.1	44.0	-	-	-230	-	RNP1
003	TF	JOTTO	-	311 (305.5)	-5.1	5.0	-	+3000	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

## STANDARD DEPARTURE CHART -INSTRUMENT

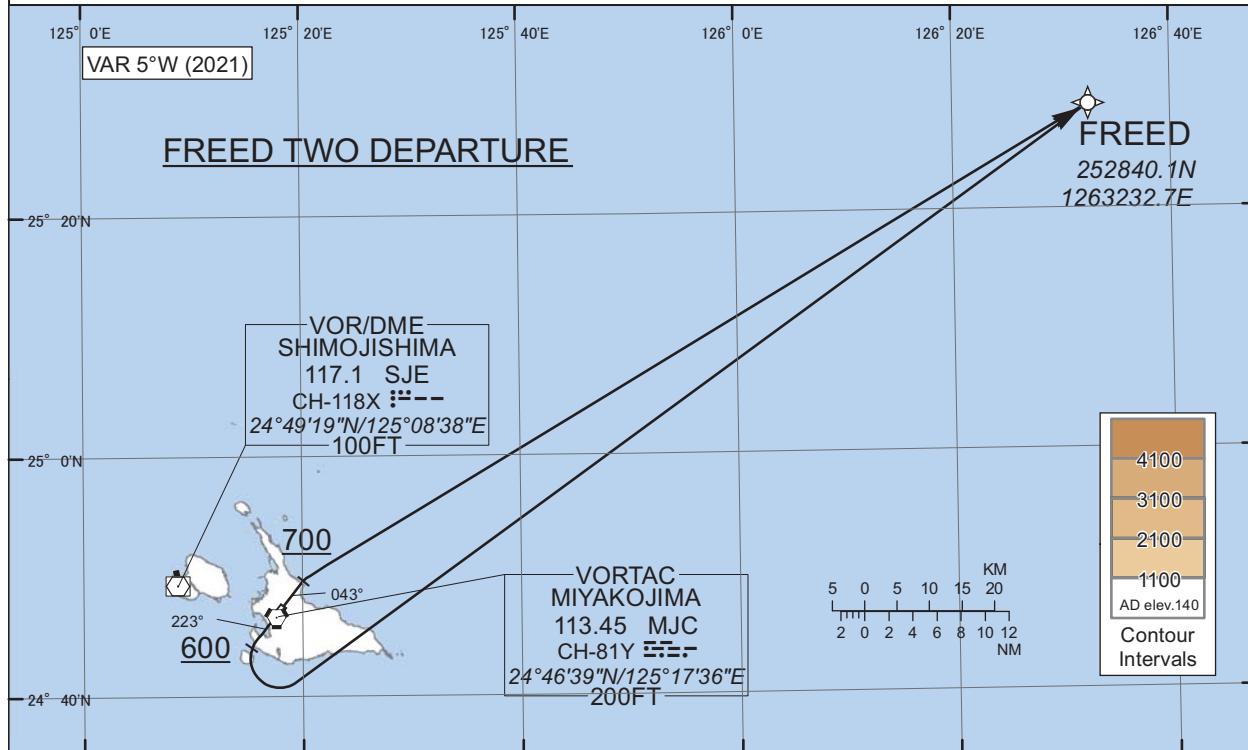
ROMY / MIYAKO

RNAV SID

## FREED TWO DEPARTURE

RNP1

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	-	-	RNP1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	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	-	-	RNP1
002	DF	FREED	-	-	-5.1	-	L	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1 → RNP1).

## STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

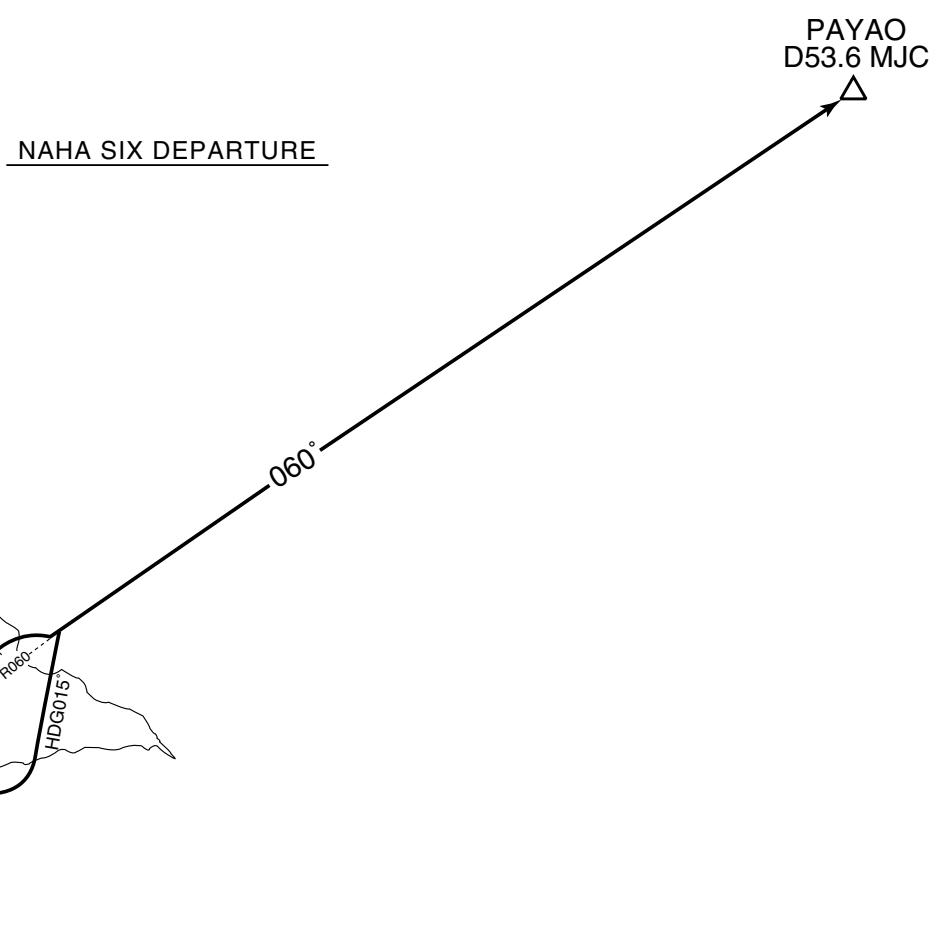
SID

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

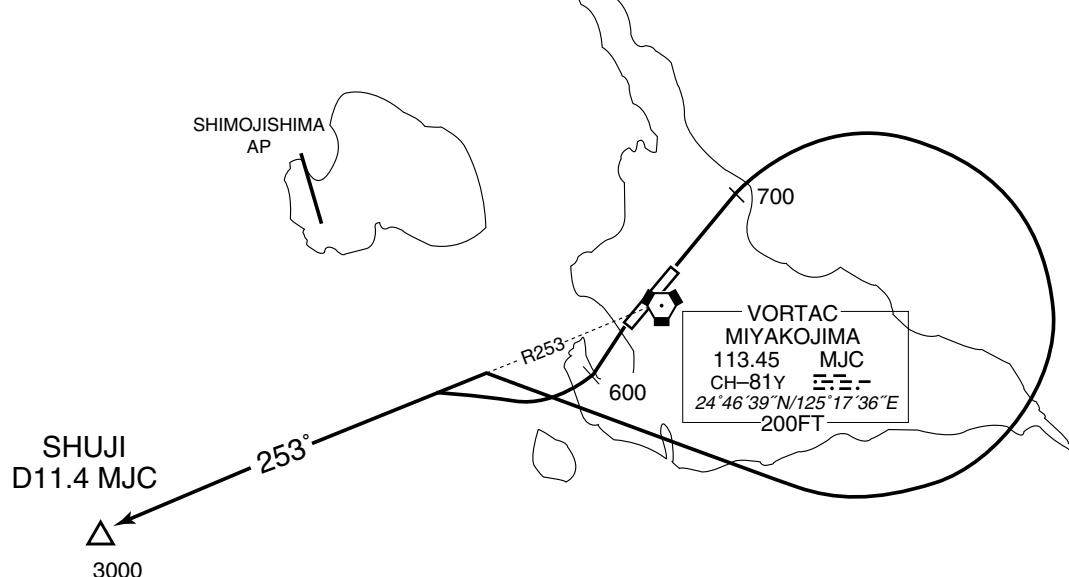
RWY 04 : Climb RWY HDG to 700FT, turn right...

RWY 22 : Climb RWY HDG to 600FT, turn right...

... to intercept and proceed via MJC R253 to SHUJI.

Cross SHUJI at or above 3000FT.

WEST SEVEN DEPARTURE



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY04

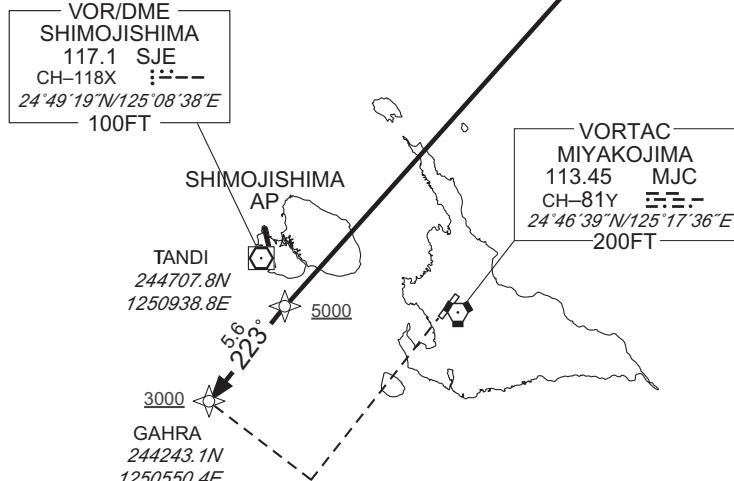
YUTAH WEST ARRIVAL

RNP1

Note GNSS required.

VAR 5°W (2021)

YUTAH  
252106.0N  
1254305.1E



YUTAH WEST ARRIVAL

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

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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

## STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY22

YUTAH NORTH ARRIVAL

RNP1

Note GNSS required.

VAR 5°W (2021)

YUTAH  
252106.0N  
1254305.1E


YUTAH NORTH ARRIVAL

218°

31.3

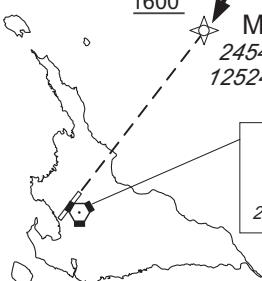
1600

1600

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

YUTAH NORTH ARRIVAL

From YUTAH, to MIBAI at or above 1600FT.

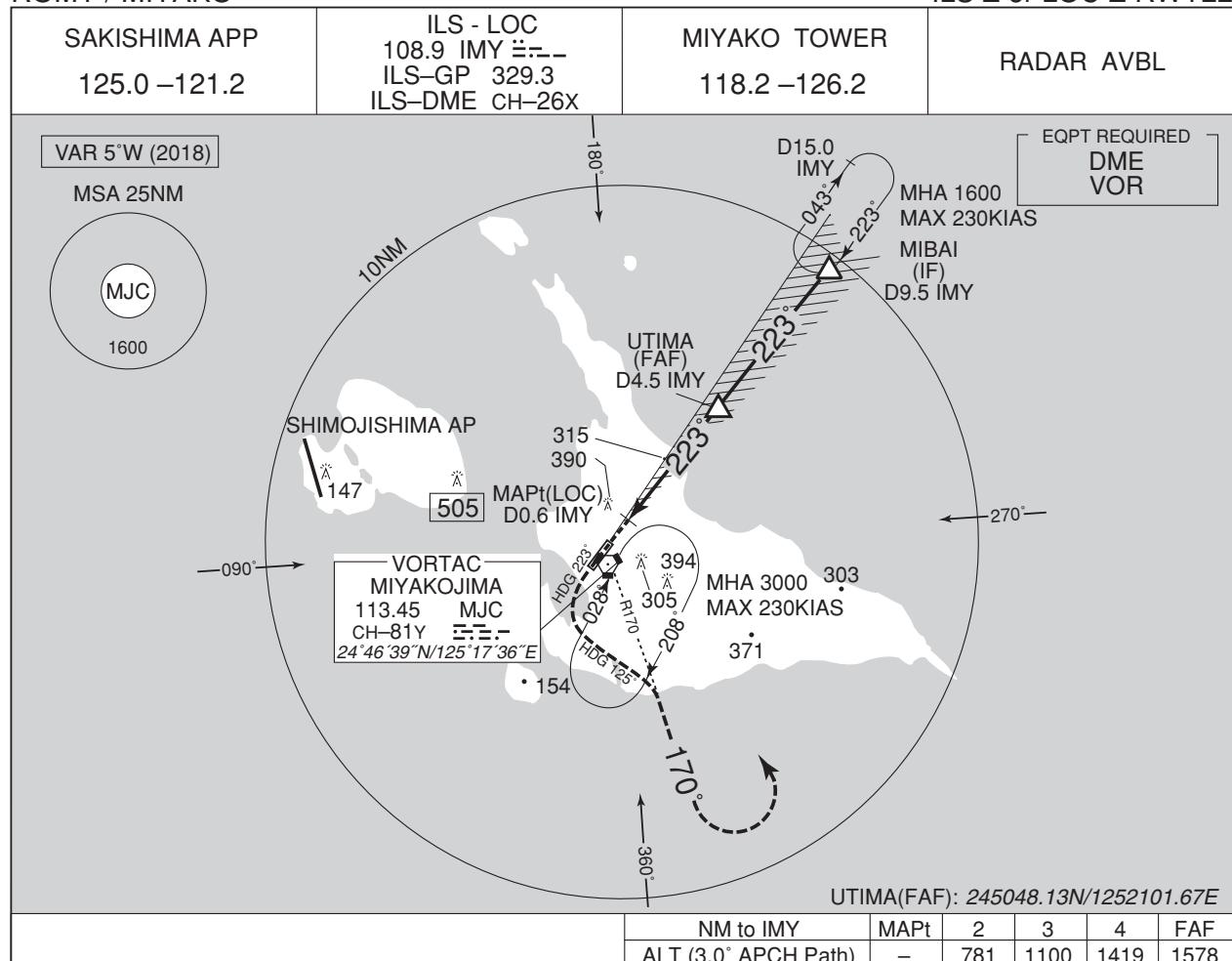
CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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

## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

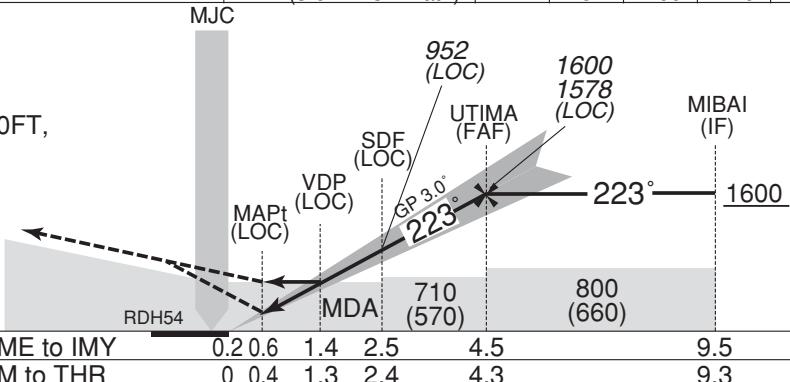
ILS Z or LOC Z RWY22



## 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

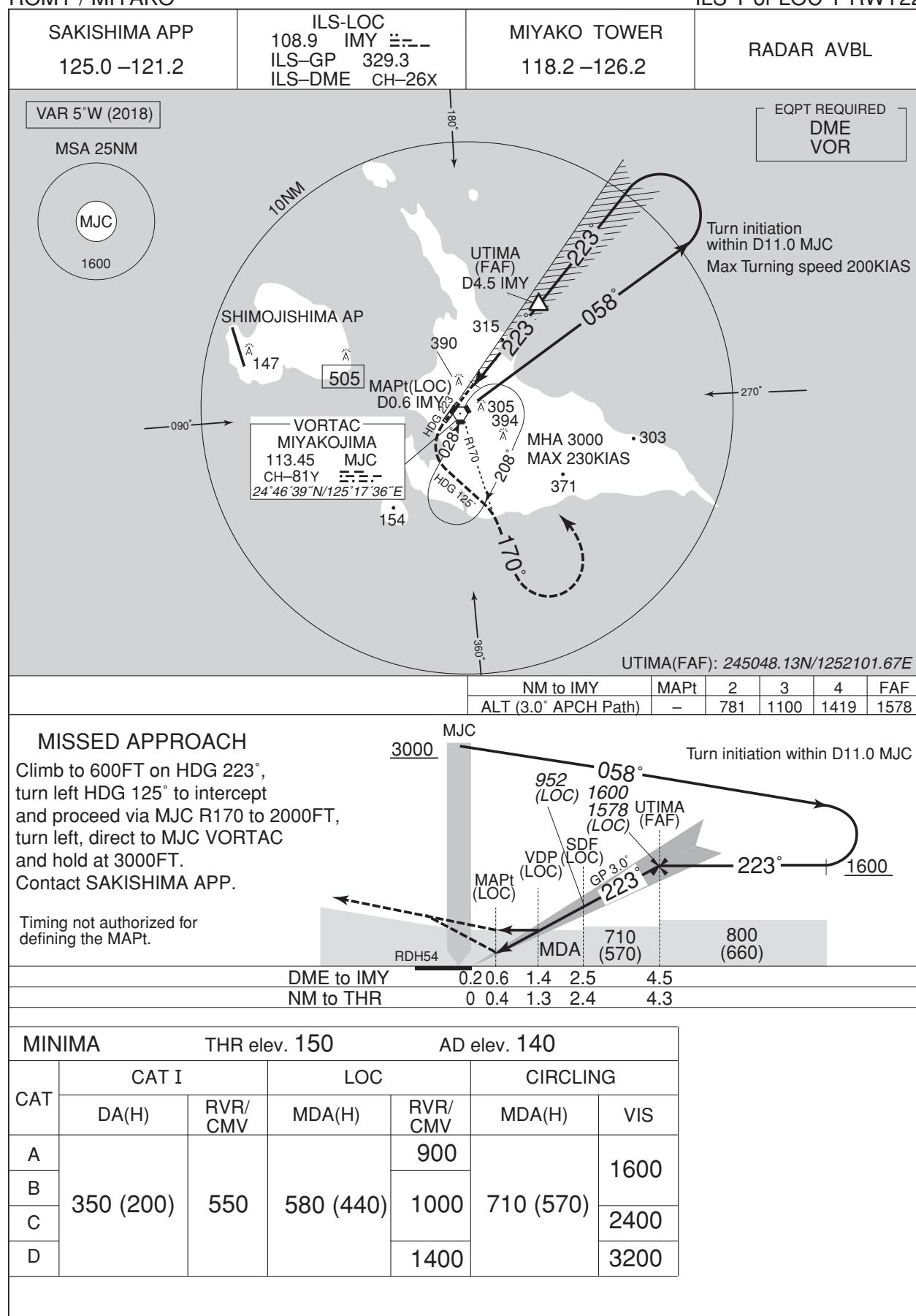
AD elev. 140

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

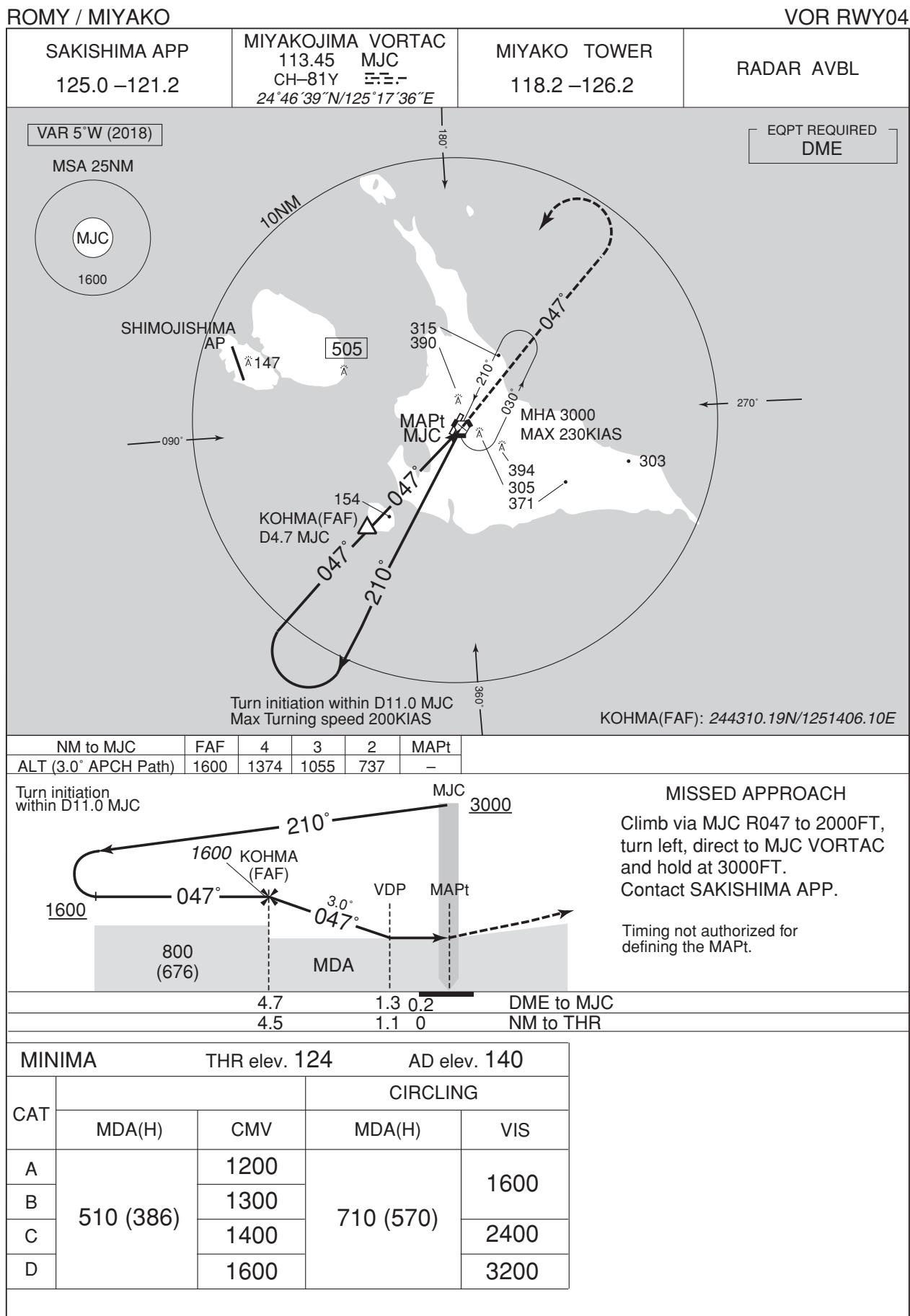
## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

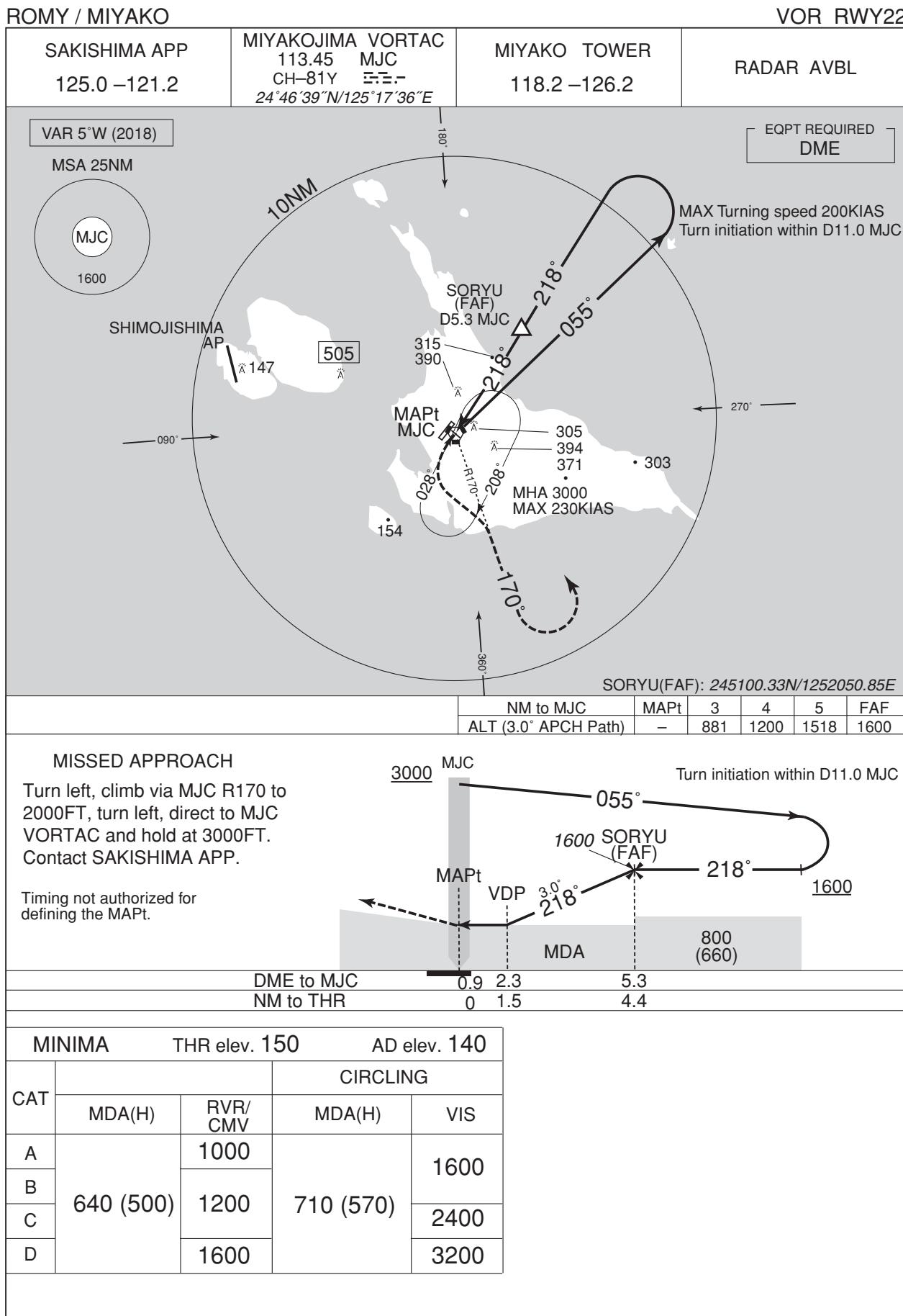
ILS Y or LOC Y RWY22



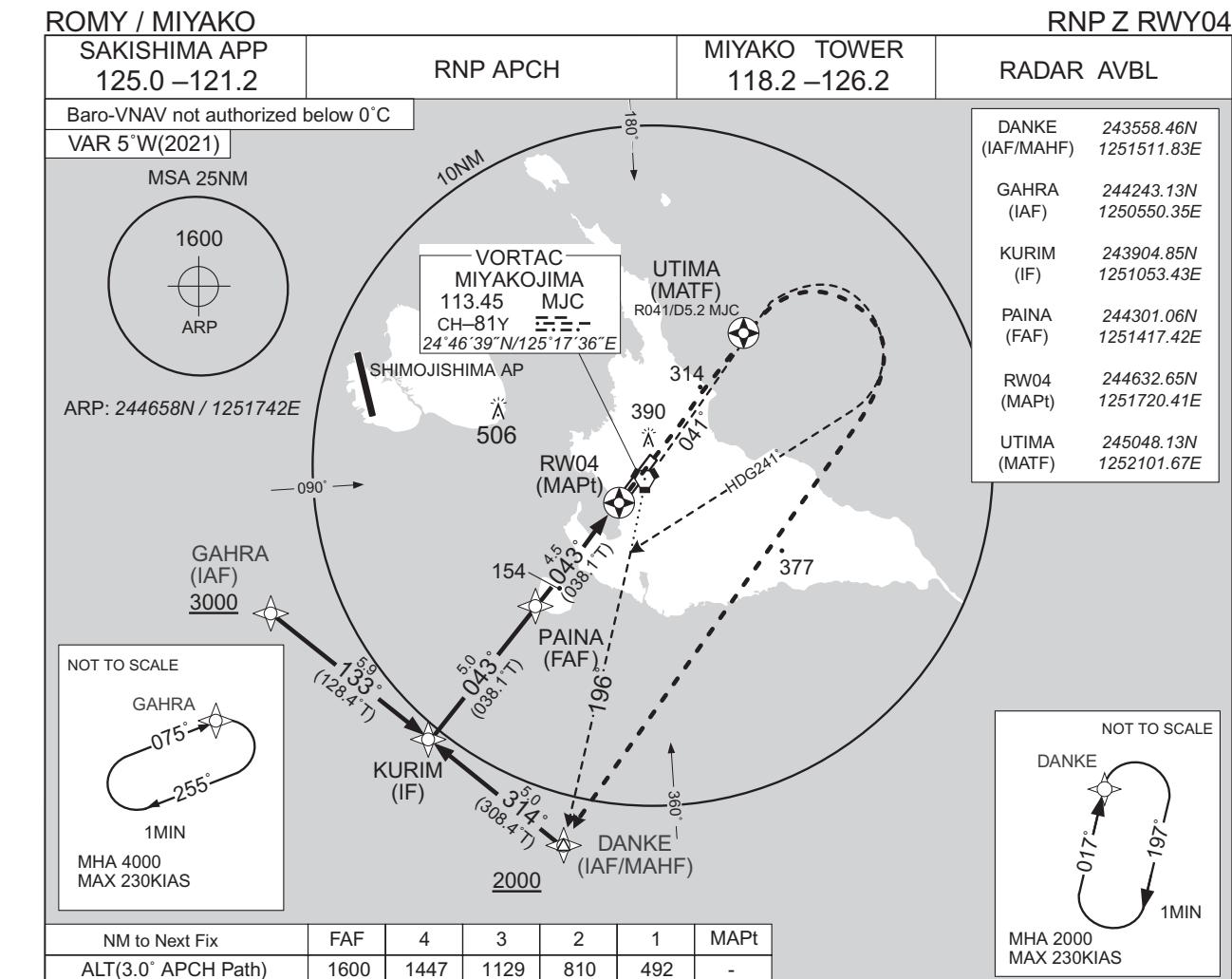
## INSTRUMENT APPROACH CHART



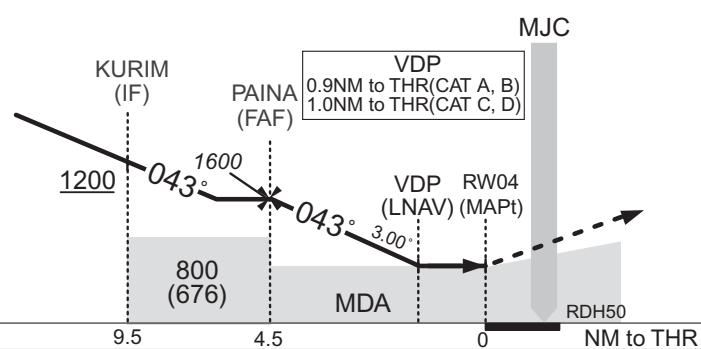
## INSTRUMENT APPROACH CHART



## **INSTRUMENT APPROACH CHART**



CHANGE:PROC renamed. Requirement for RNP.



## MISSED APPROACH

Climb direct to UTIMA, turn right direct to DANKE and hold at 2000FT.  
Contact SAKISHIMA APP.

(For using VORTAC)  
Climb via MJC R041 to UTIMA, turn right  
HDG241° to intercept and proceed via  
MJC R196 to DANKE and hold at 2000FT.  
Contact SAKISHIMA APP.

MINIMA		THR elev. 124		AD elev. 140		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	460(336)	1200	460(336)	1200	710(570)	1600
B		1300		1300		2400
C	480(356)	1400	480(356)	1400		3200
D		1600		1600		

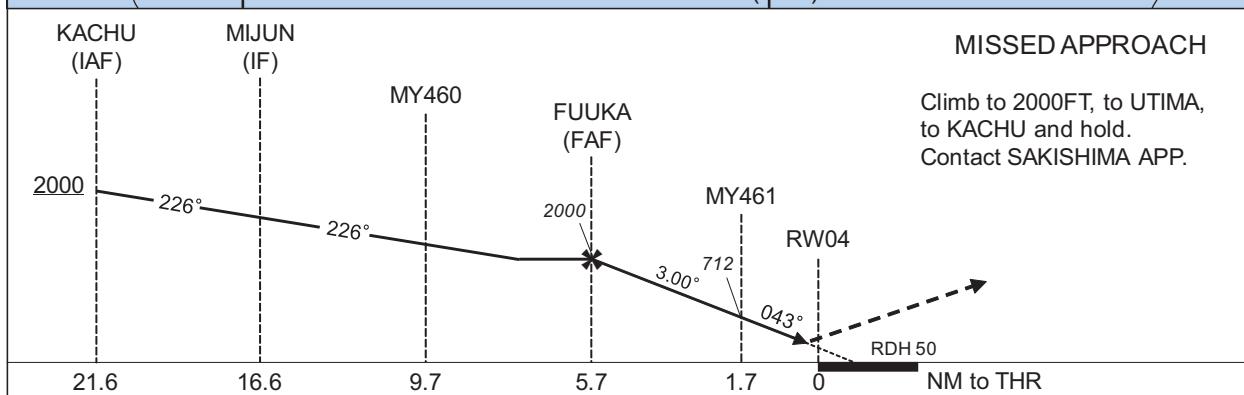
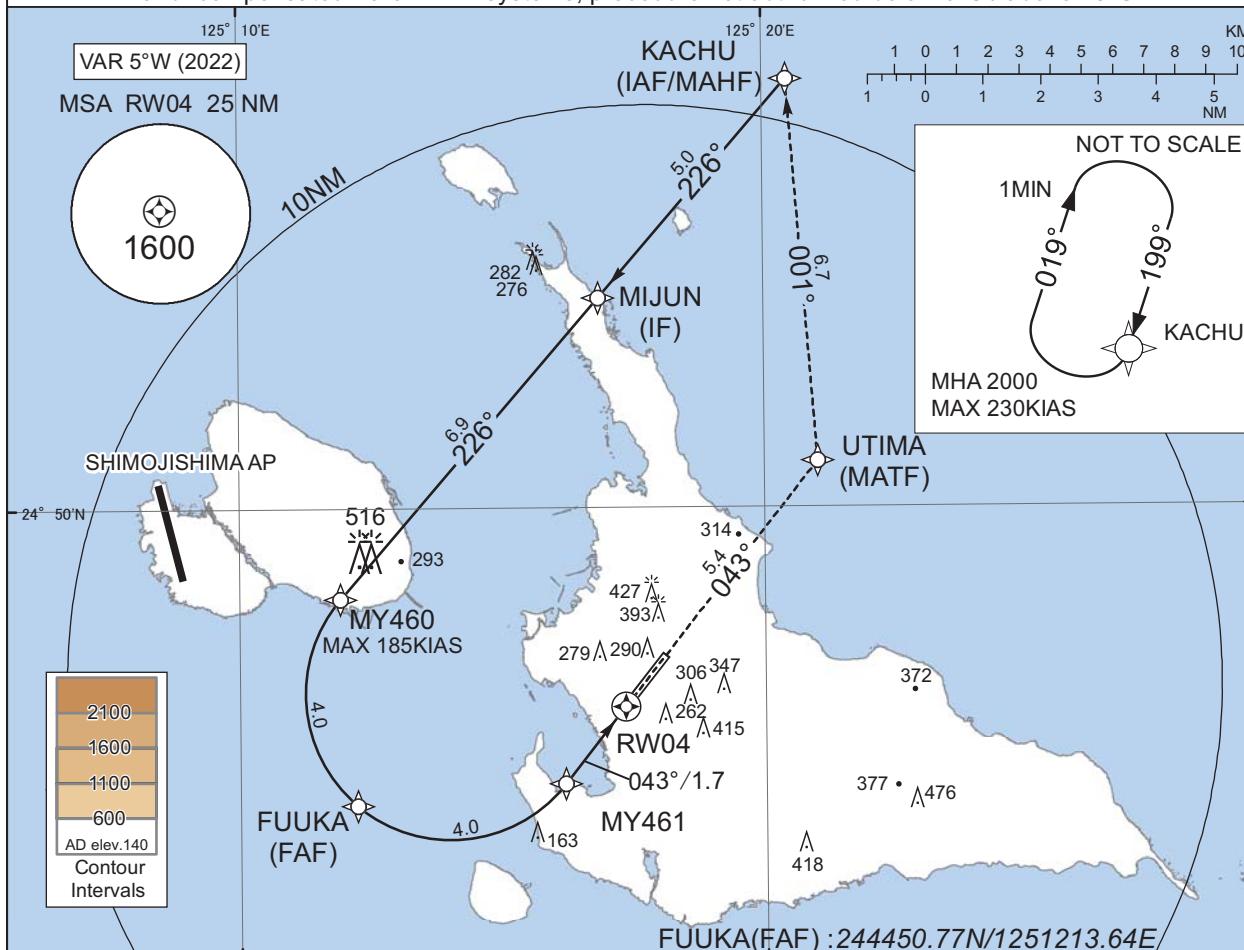
## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Y RWY04(AR)

SAKISHIMA APP  
125.0 - 121.2      RNP AR  
RF required.      MIYAKO TOWER  
118.2 - 126.2      RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



CHANGE : PROC renamed. Requirement for RNP.

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

## 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.

## INSTRUMENT APPROACH CHART

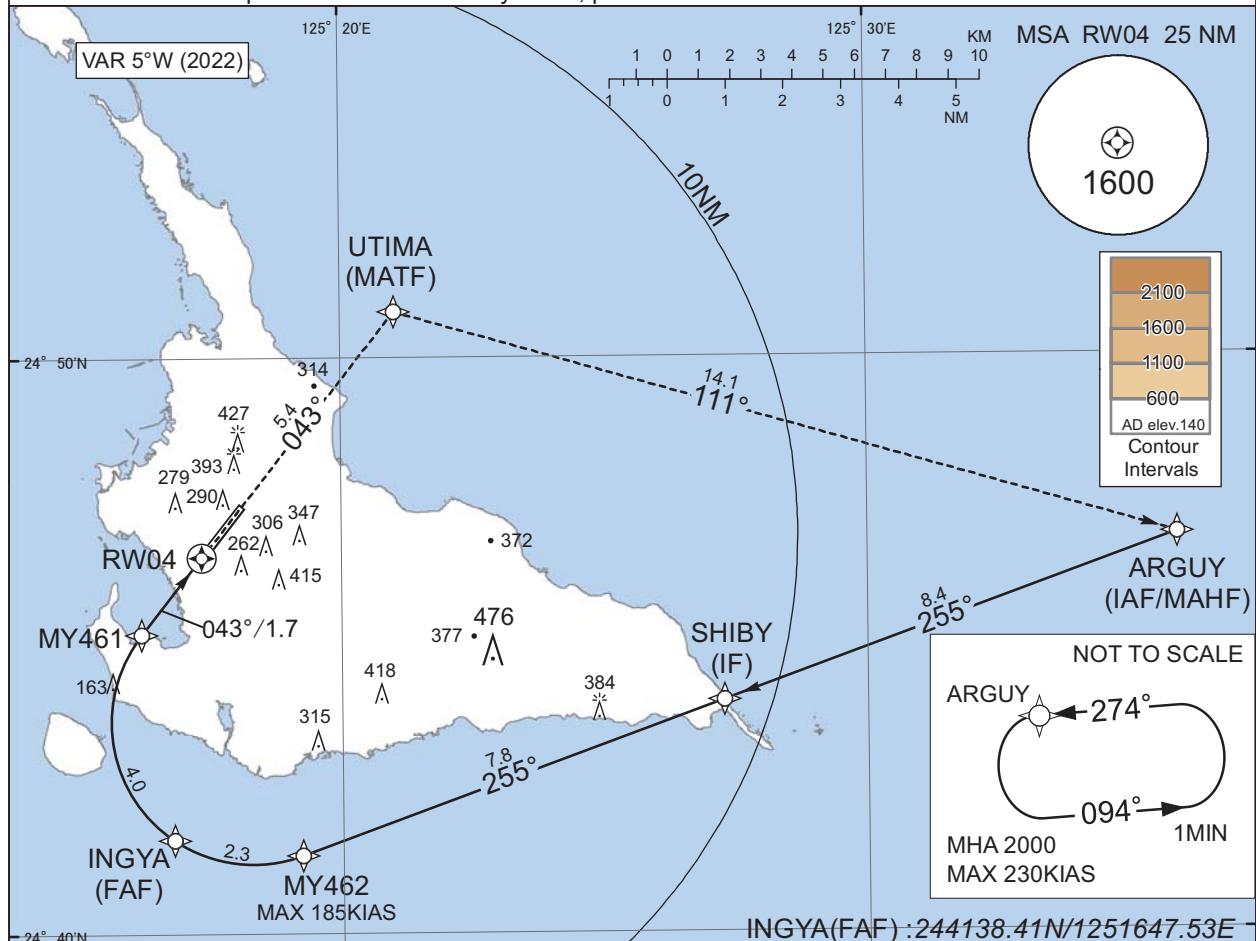
ROMY / MIYAKO

RNP X RWY04(AR)

SAKISHIMA APP  
125.0 - 121.2RNP AR  
RF required.MIYAKO TOWER  
118.2 - 126.2

RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



ARGUY (IAF)

SHIBY (IF)

MISSED APPROACH

Climb to 2000FT, to UTIMA, to ARGUY and hold.  
Contact SAKISHIMA APP.

MY462

INGYA (FAF)

MY461

RW04

2000 2000 2000 2000 2000 2000 2000 2000 2000 2000

225° 225° 225° 225° 225° 225° 225° 225° 225° 225°

3.00° 3.00° 3.00° 3.00° 3.00° 3.00° 3.00° 3.00° 3.00° 3.00°

712 712 712 712 712 712 712 712 712 712

043° 043° 043° 043° 043° 043° 043° 043° 043° 043°

RDH 50 RDH 50

NM to THR

MINIMA

THR elev. 124

AD elev. 140

CAT

RNP 0.29

RNP 0.30

A

DA(H)

CMV

B

DA(H)

CMV

C

424(300)

1400

430(306)

D

1600

440(316)

1400

**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

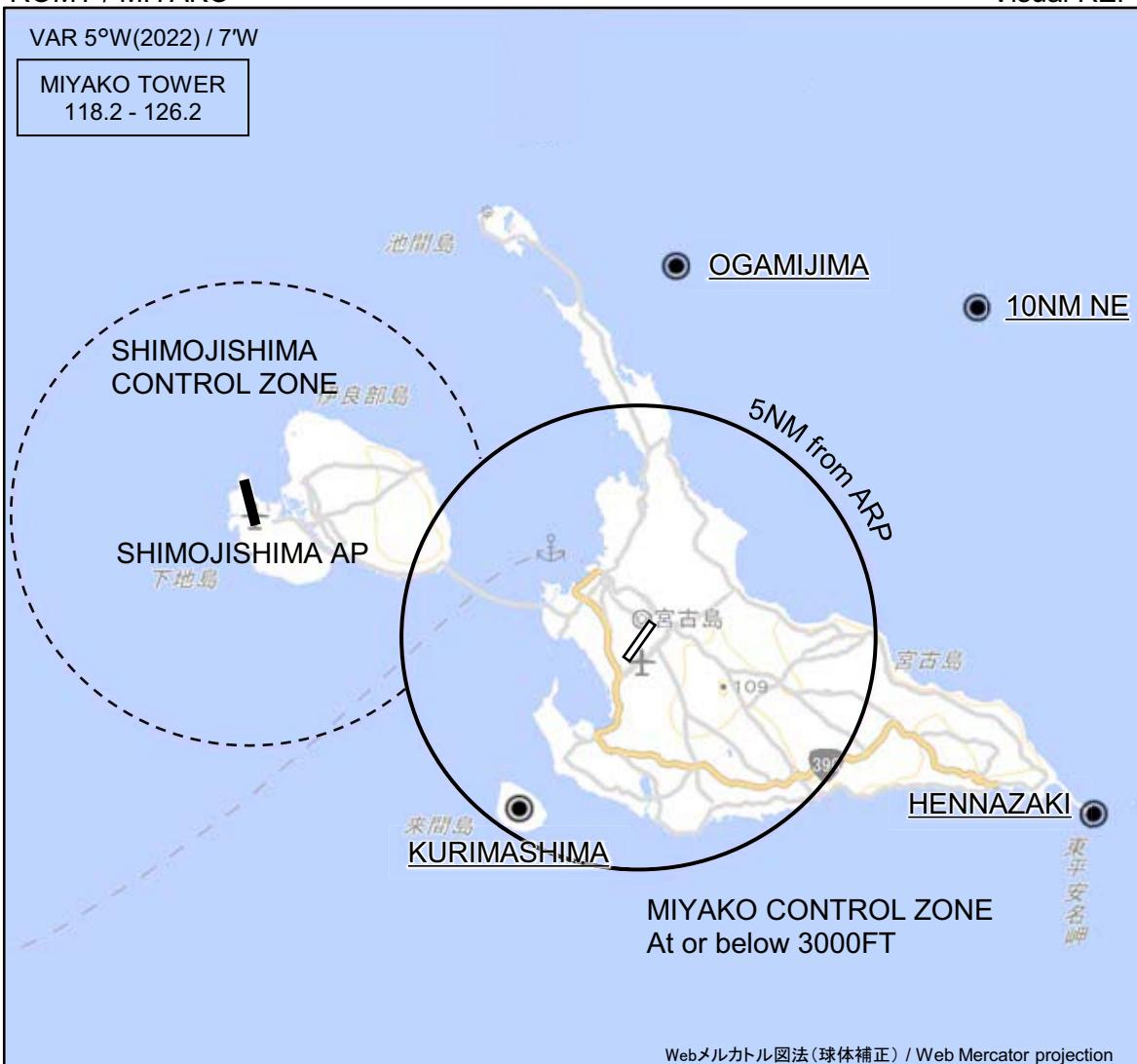
Waypoint Coordinates

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

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

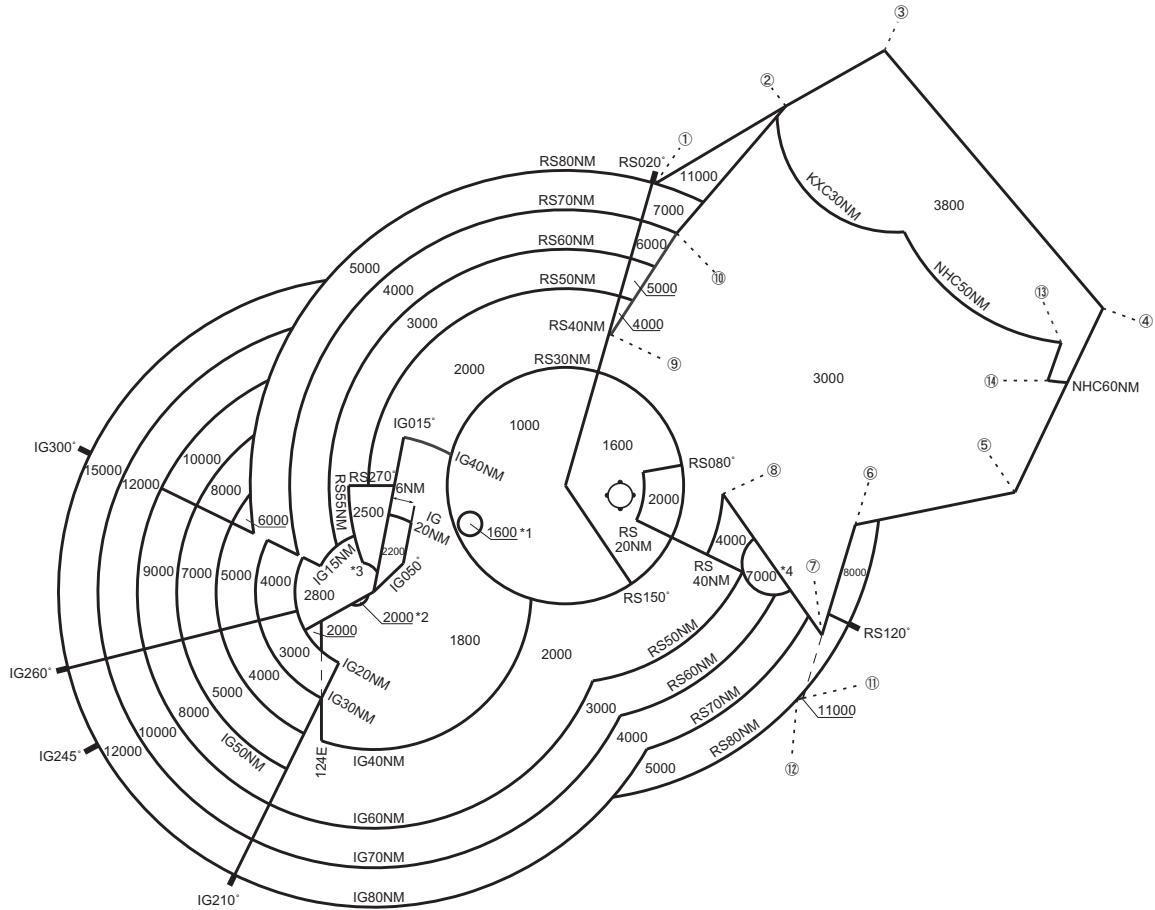
CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
大神島 Ogamijima	005°T / 8.0NM	島 Island
10NM NE	045°T / 10.0NM	海上 Over the sea
来間島 Kurimashima	215°T / 4.5NM	島 Island
平安名崎 Hennazaki	112°T / 10.2NM	灯台 Lighthouse

ROMY / MIYAKO

## Minimum Vectoring Altitude CHART

VAR 5°W (2022)



- ① 260606N/1253511E
- 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.