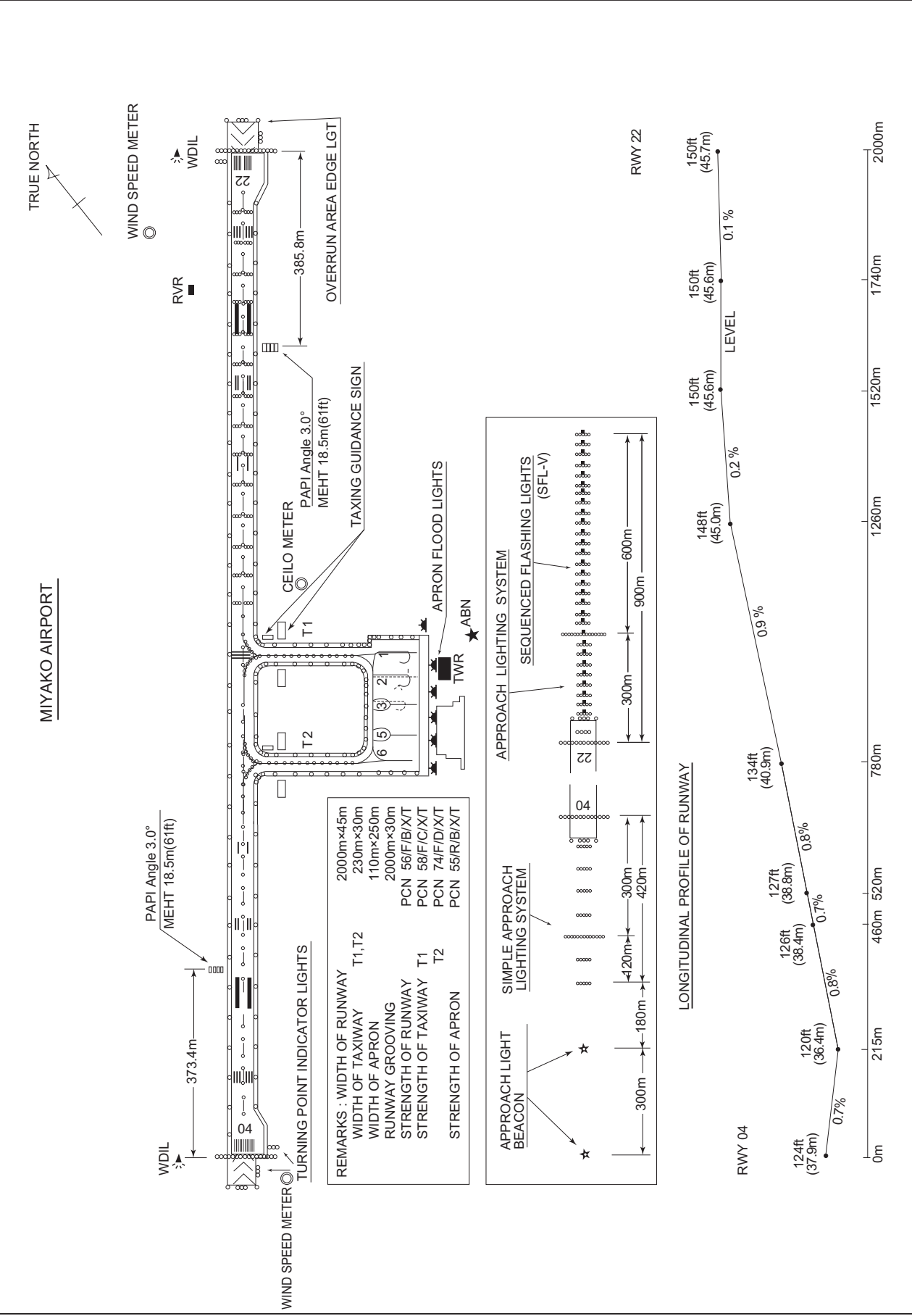


ROMY / MIYAKO

AD CHART

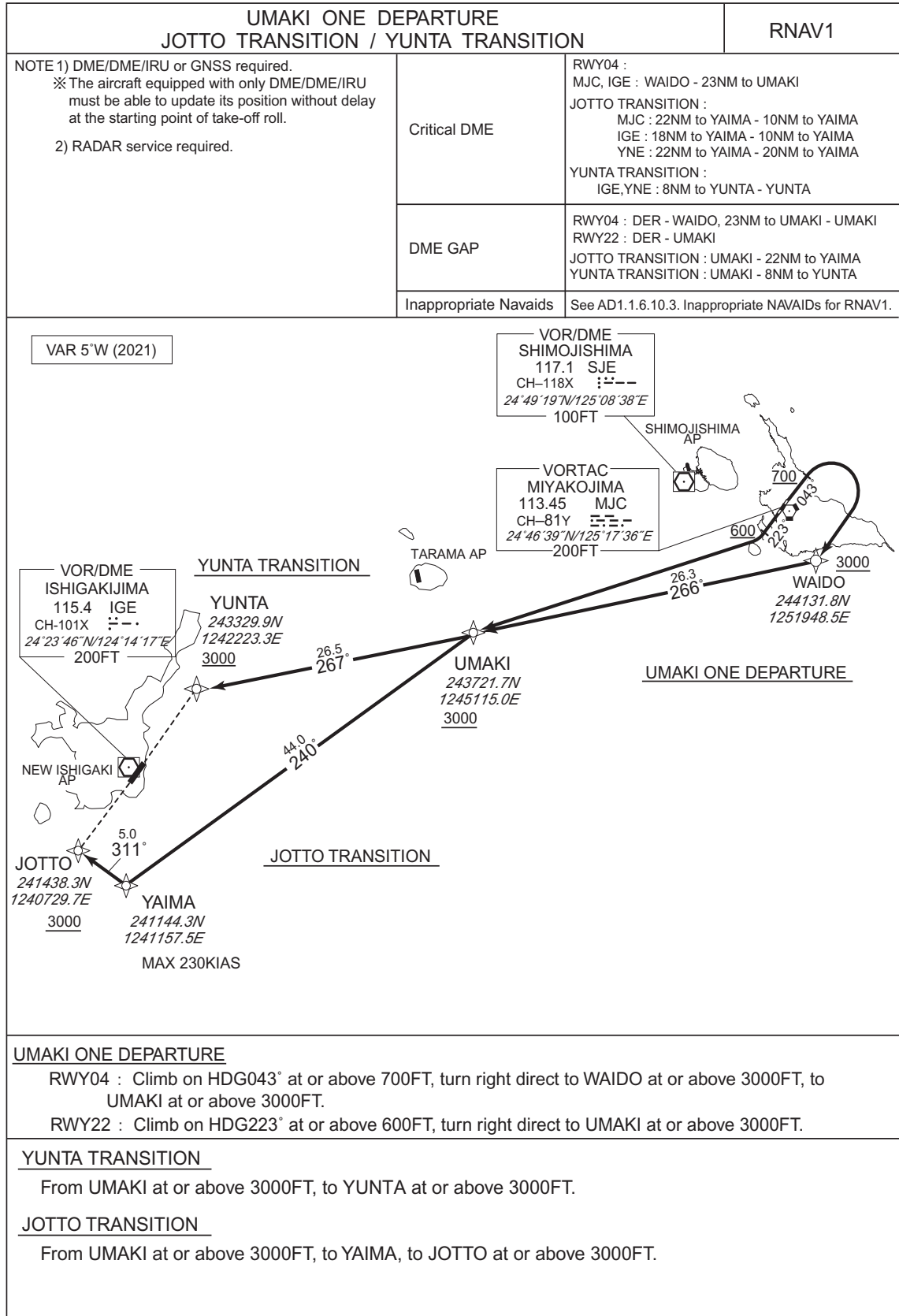


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STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID and TRANSITION



STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID and TRANSITION

UMAKI ONE 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	—	—	RNAV1
002	DF	WAIDO	—	—	-5.1	—	R	+3000	—	—	RNAV1
003	TF	UMAKI	—	266 (261.0)	-5.1	26.3	—	+3000	—	—	RNAV1

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	—	—	RNAV1
002	DF	UMAKI	—	—	-5.1	—	R	+3000	—	—	RNAV1

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	—	—	RNAV1
002	TF	YUNTA	—	267 (261.7)	-5.1	26.5	—	+3000	—	—	RNAV1

JOTTO TRANSITION

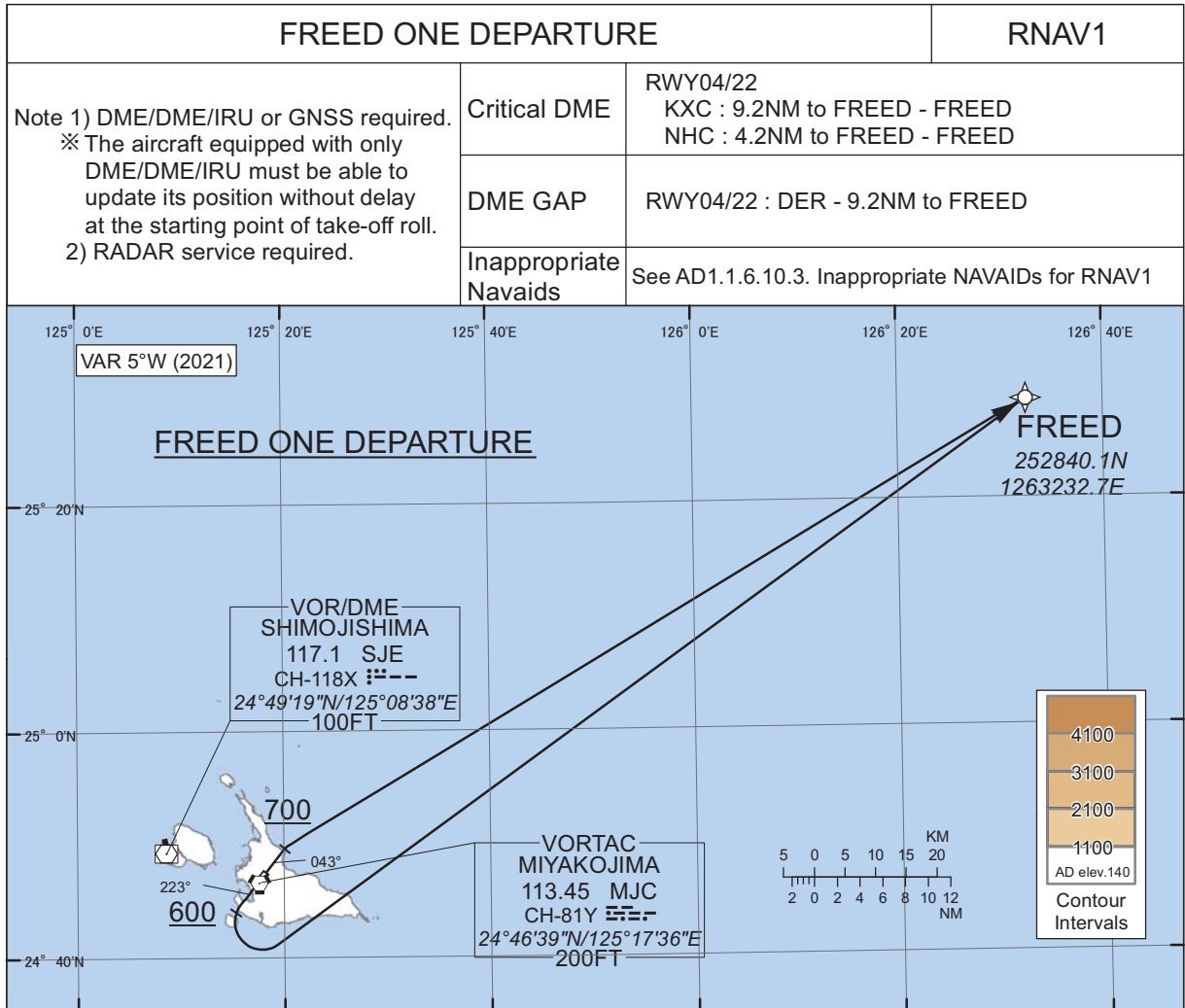
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	UMAKI	—	—	-5.1	—	—	+3000	—	—	RNAV1
002	TF	YAIMA	—	240 (234.5)	-5.1	44.0	—	—	-230	—	RNAV1
003	TF	JOTTO	—	311 (305.5)	-5.1	5.0	—	+3000	—	—	RNAV1

CHANGE : VAR. Course FM YAIMA to JOTTO.

STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID

**FREED ONE 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	-	-	RNAV1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	RNAV1

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	-	-	RNAV1
002	DF	FREED	-	-	-5.1	-	L	-	-	-	RNAV1

CHANGE : New PROC.

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

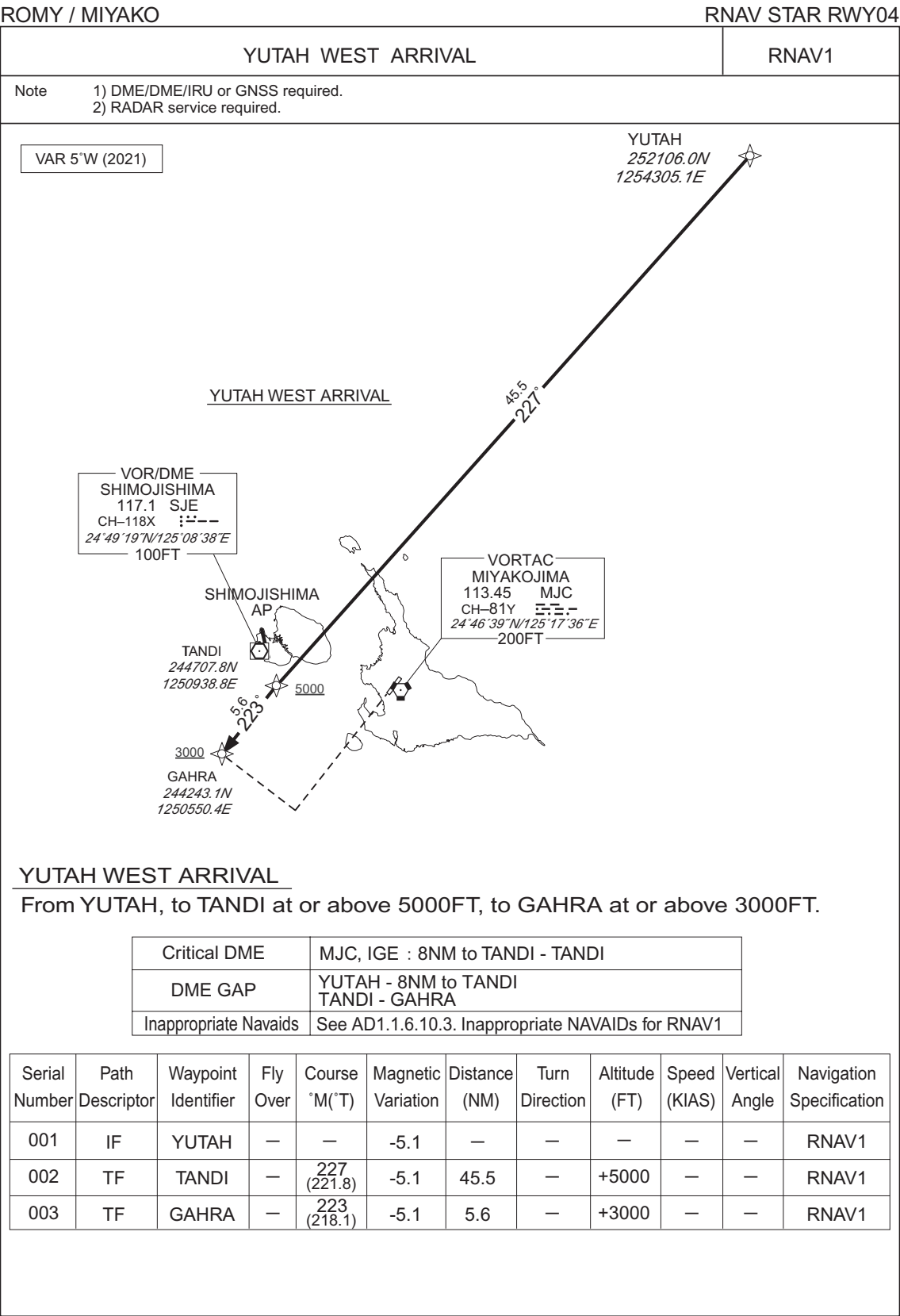
SID

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



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY22

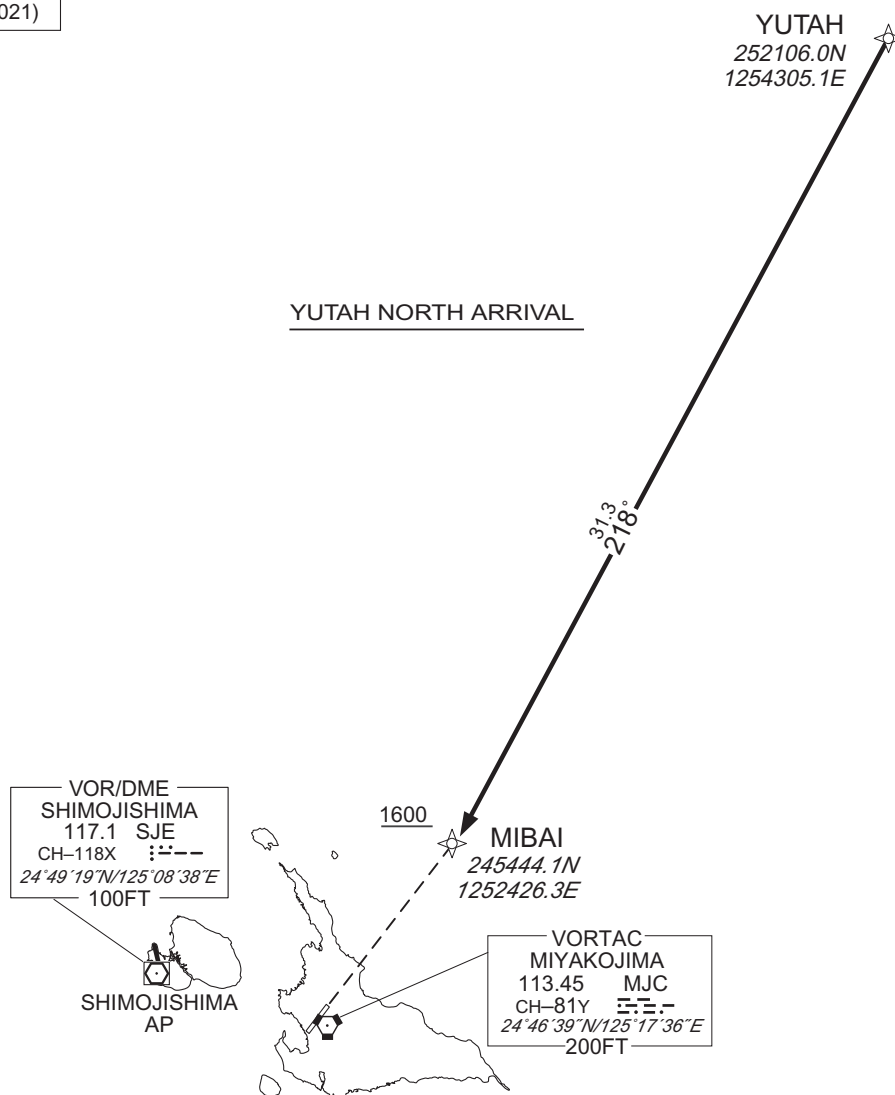
YUTAH NORTH ARRIVAL

RNAV1

Note

- 1) GNSS required.
- 2) RADAR service required.

VAR 5°W (2021)

YUTAH NORTH ARRIVAL

From YUTAH, to MIBAI at or above 1600FT.

Critical DME	—
DME GAP	YUTAH - MIBAI
Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

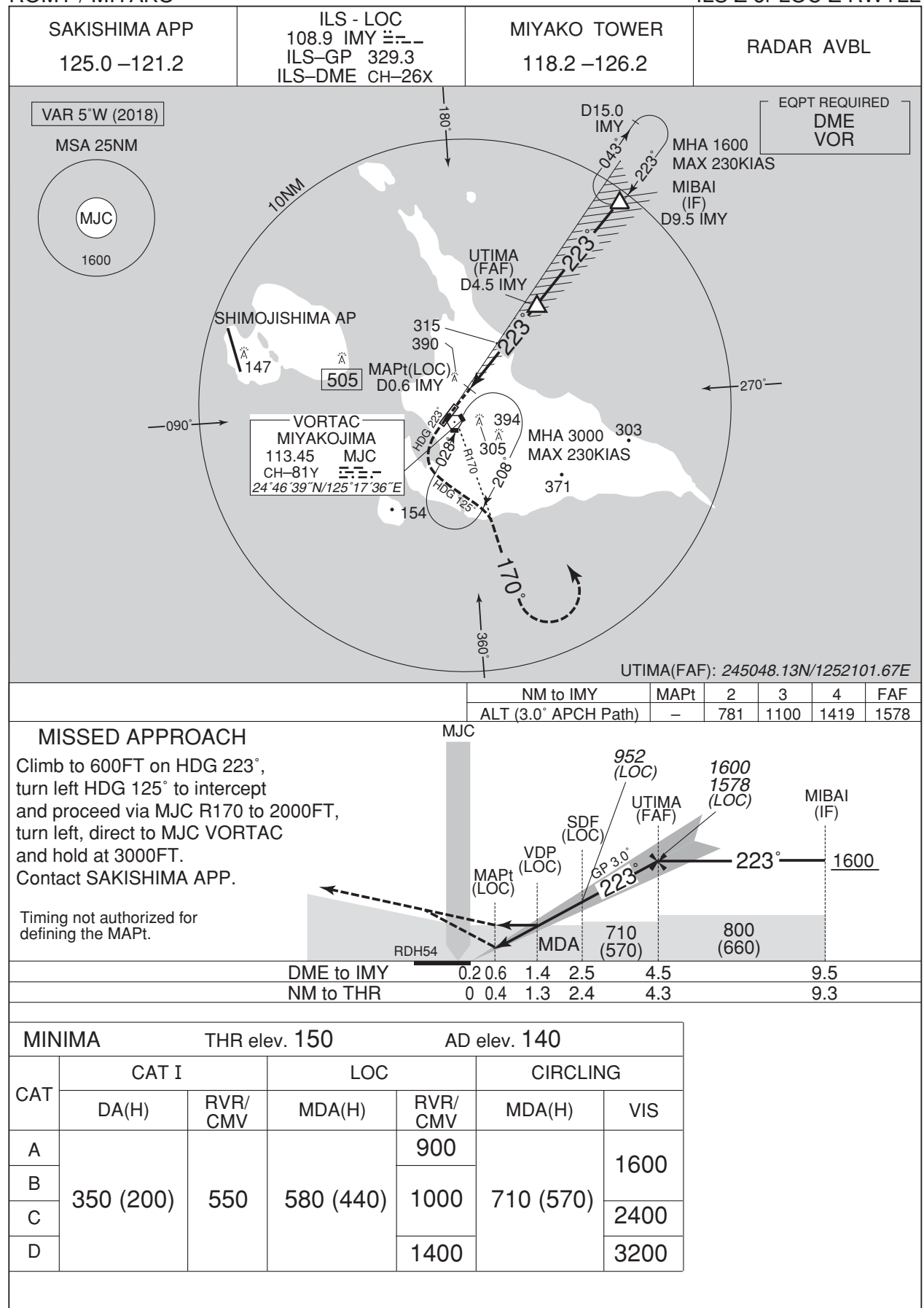
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	YUTAH	—	—	-5.1	—	—	—	—	—	RNAV1
002	TF	MIBAI	—	218 (212.7)	-5.1	31.3	—	+1600	—	—	RNAV1

CHANGE : VAR. PROC course.

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

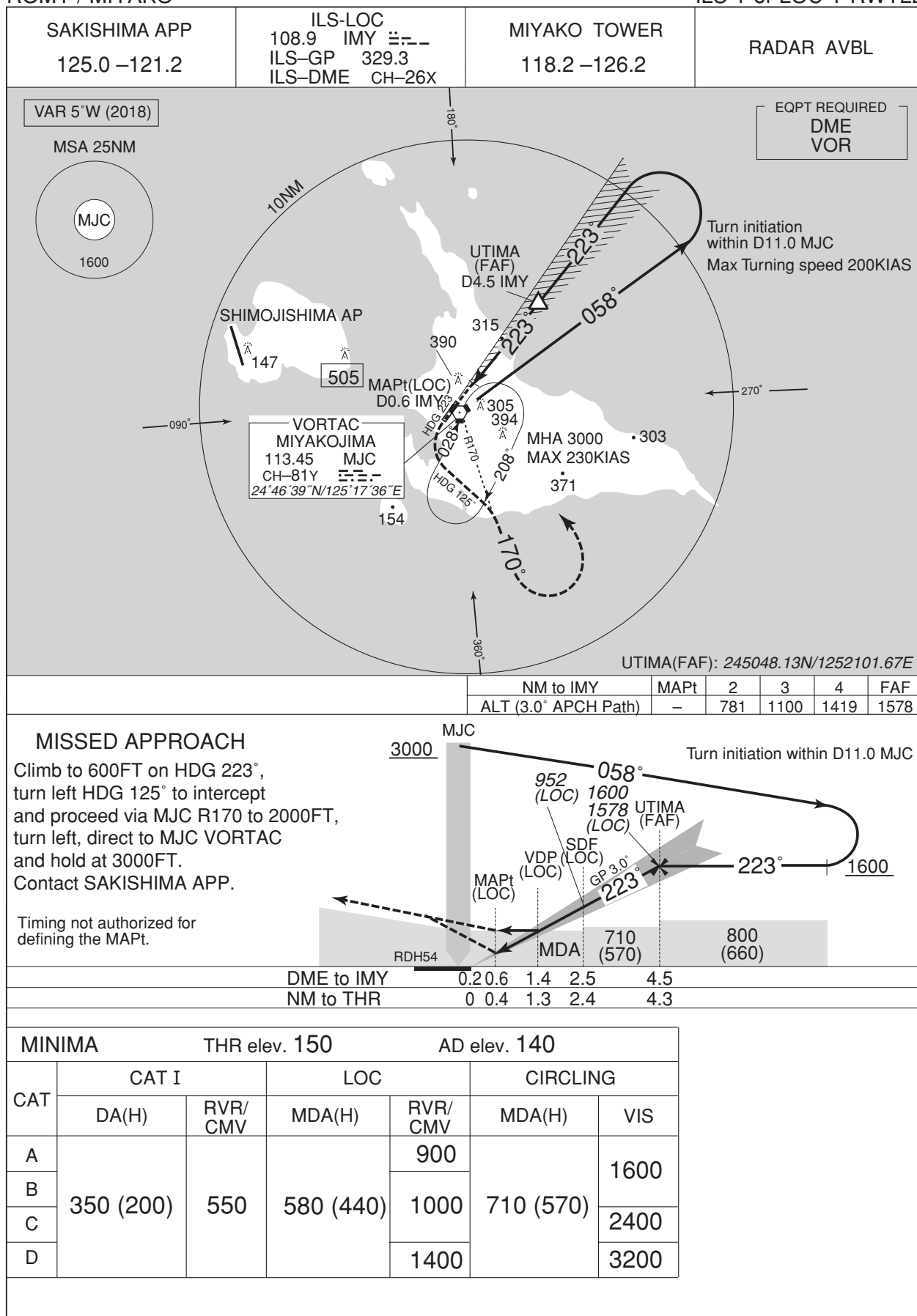
ILS Z or LOC Z RWY22



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

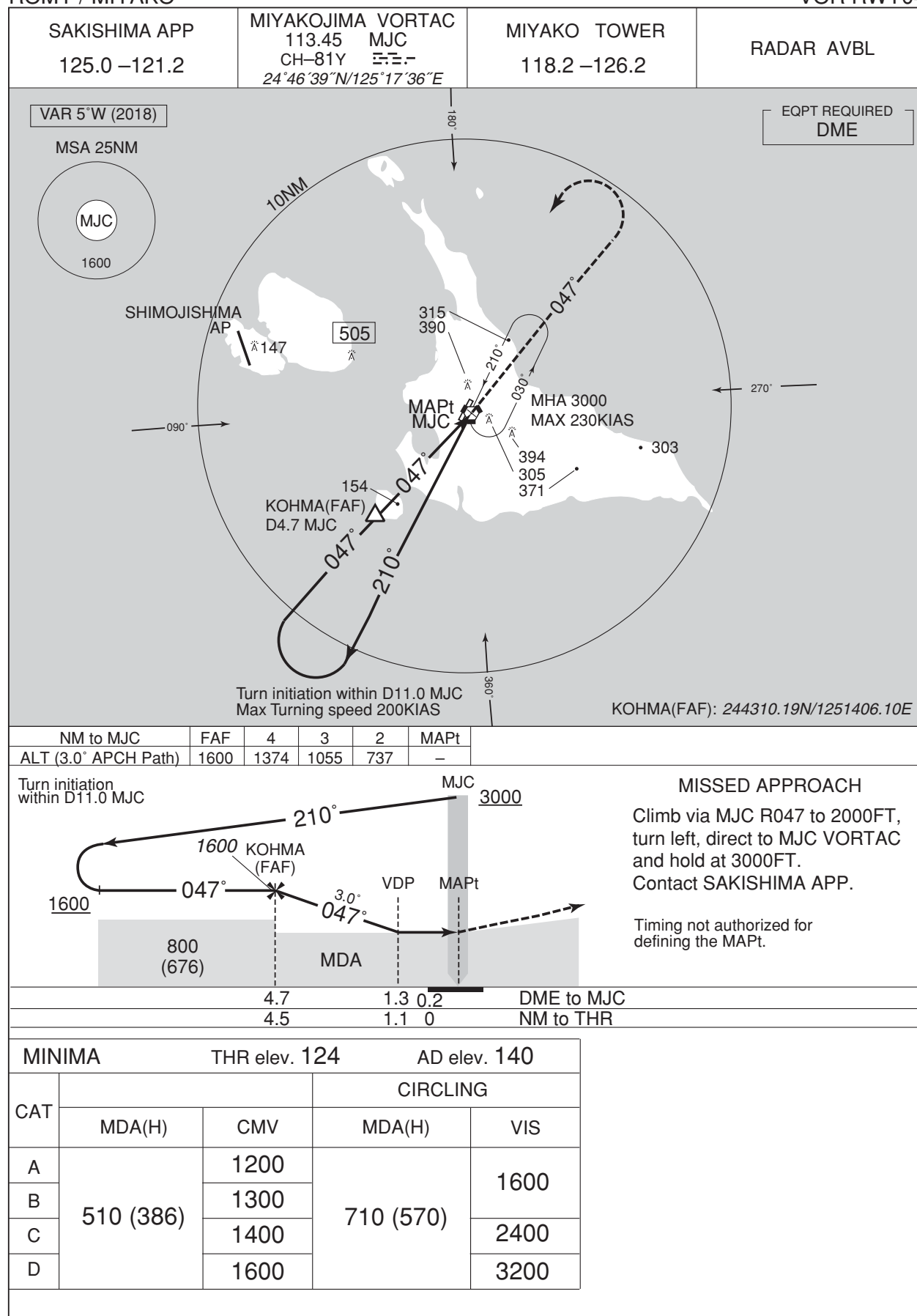
ILS Y or LOC Y RWY22



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY04



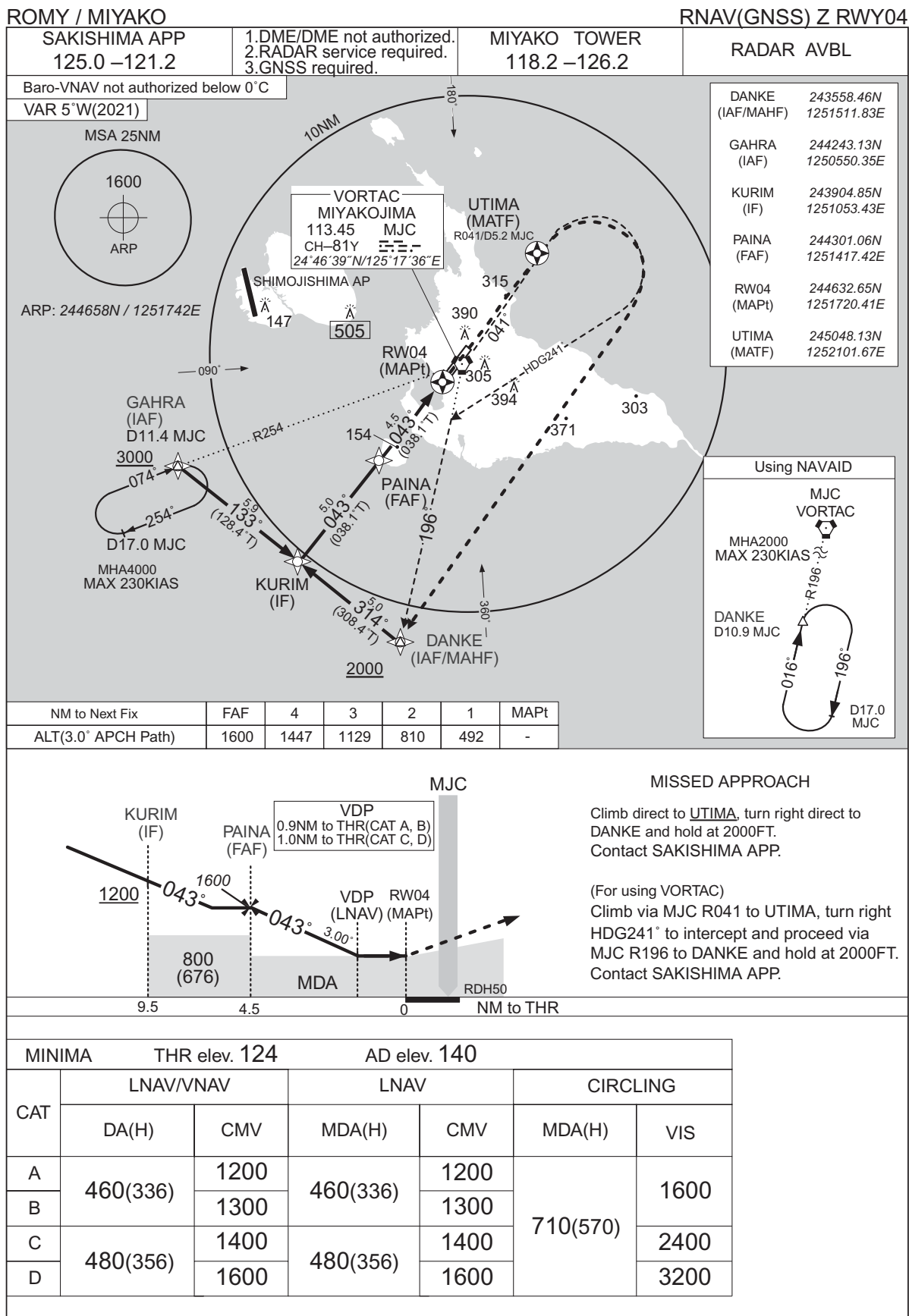
INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY22



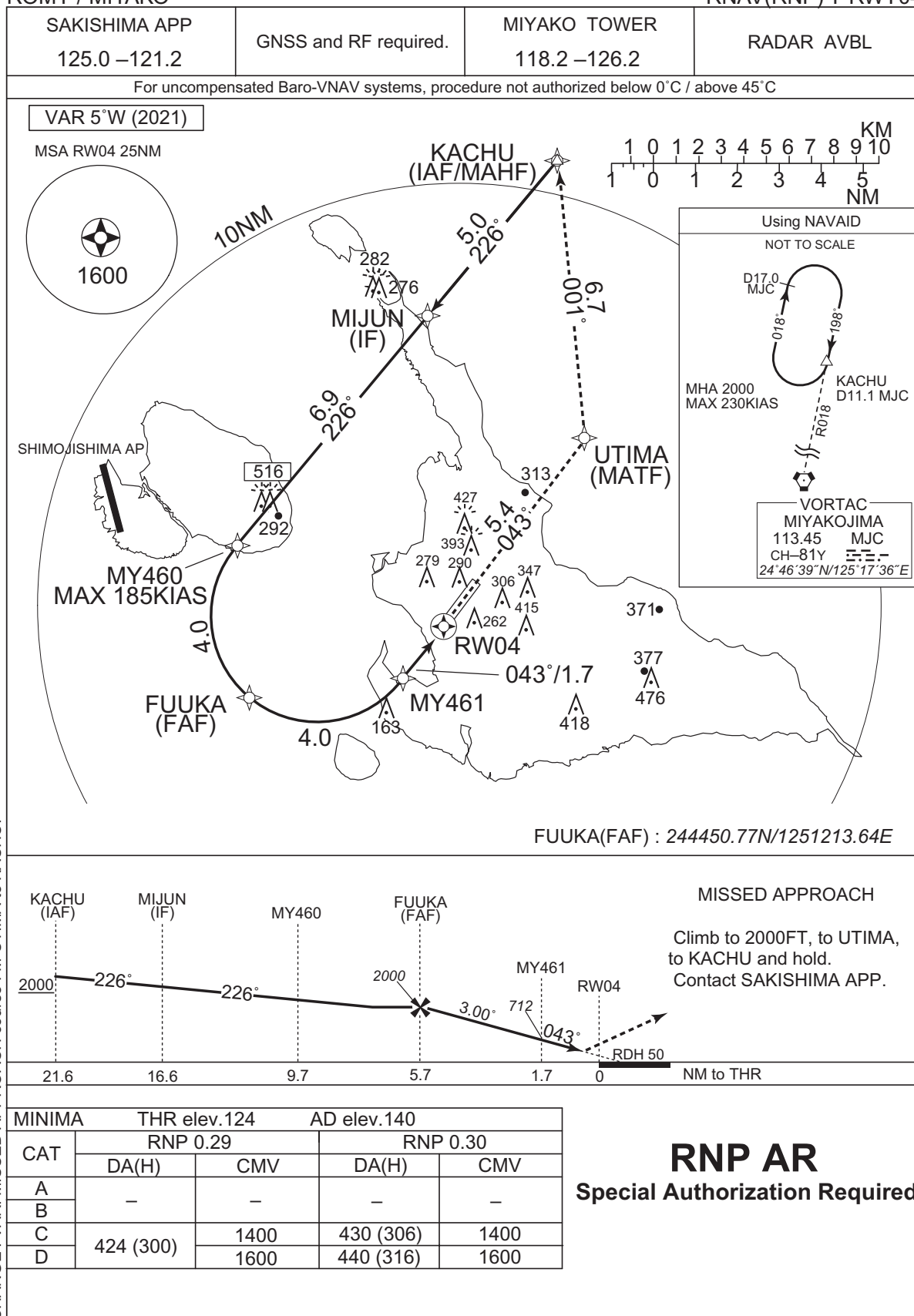
INSTRUMENT APPROACH CHART



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

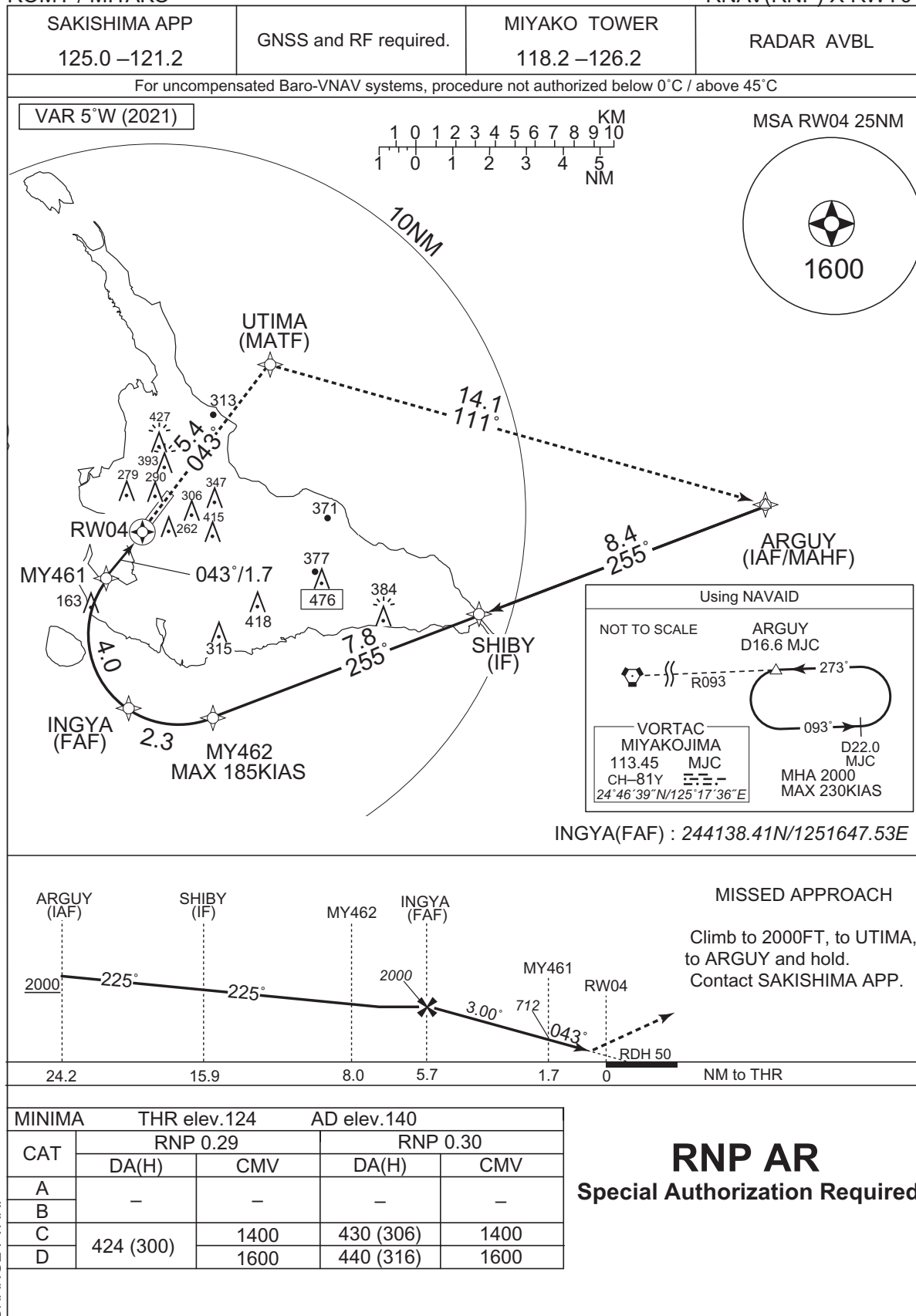
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KACHU	245726.14N/1252027.95E	MYRF1	244646.77N/1251400.81E
MIJUN	245338.80N/1251651.84E		
MY460	244826.09N/1251155.10E		
FUUKA	244450.77N/1251213.64E		
MY461	244512.72N/1251611.26E		
RW04	244632.65N/1251720.41E		
UTIMA	245048.13N/1252101.67E		

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

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) X RWY04



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) X RWY04

RNAV(RNP) X RWY04Coding Table

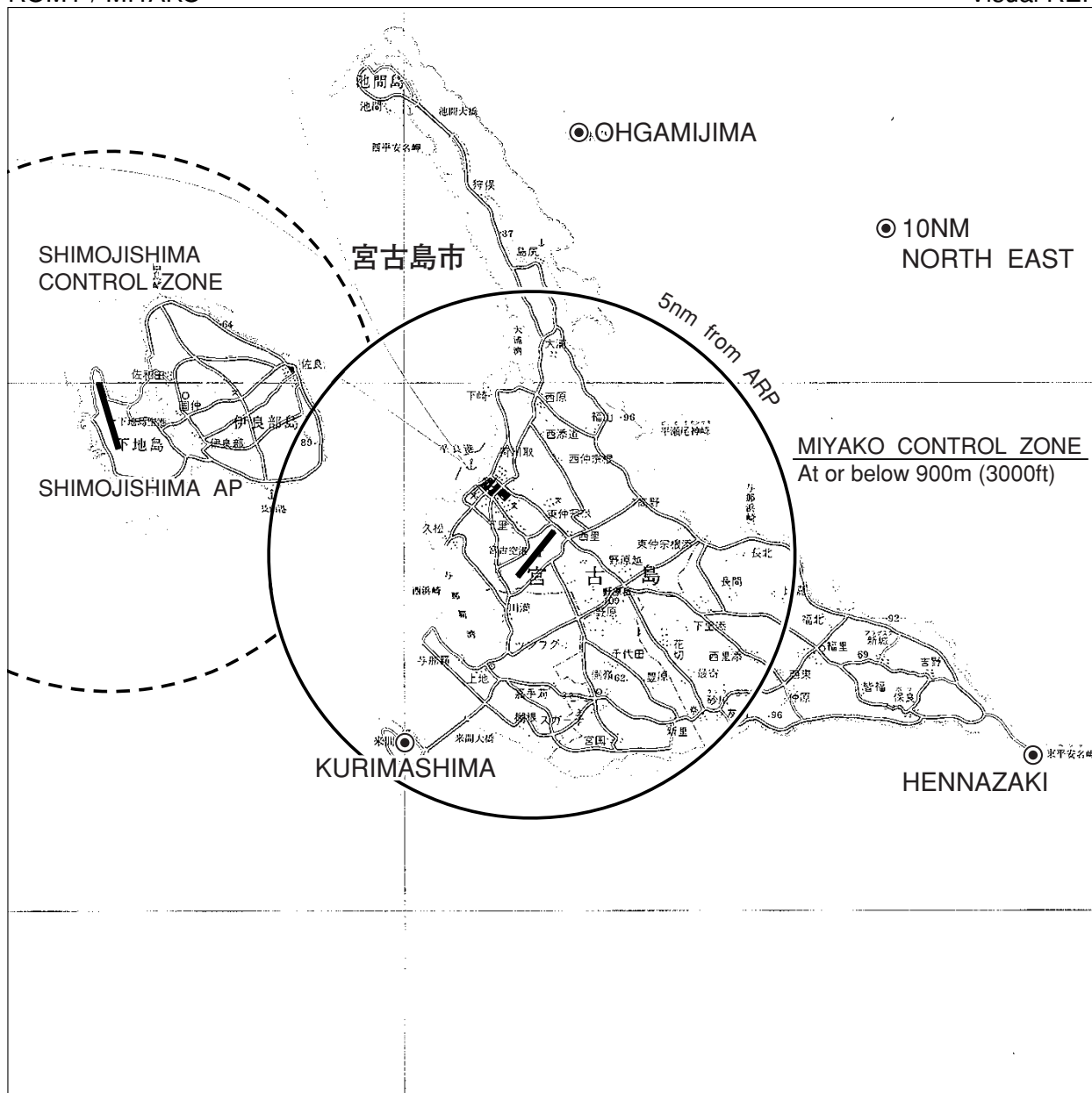
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	ARGUY	—	—	-5.1	—	—	+2000	—	—	—
002	TF	SHIBY	—	255 (250.0)	-5.1	8.4	—	—	—	—	1.0
003	TF	MY462	—	255 (250.0)	-5.1	7.8	—	+2000	-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

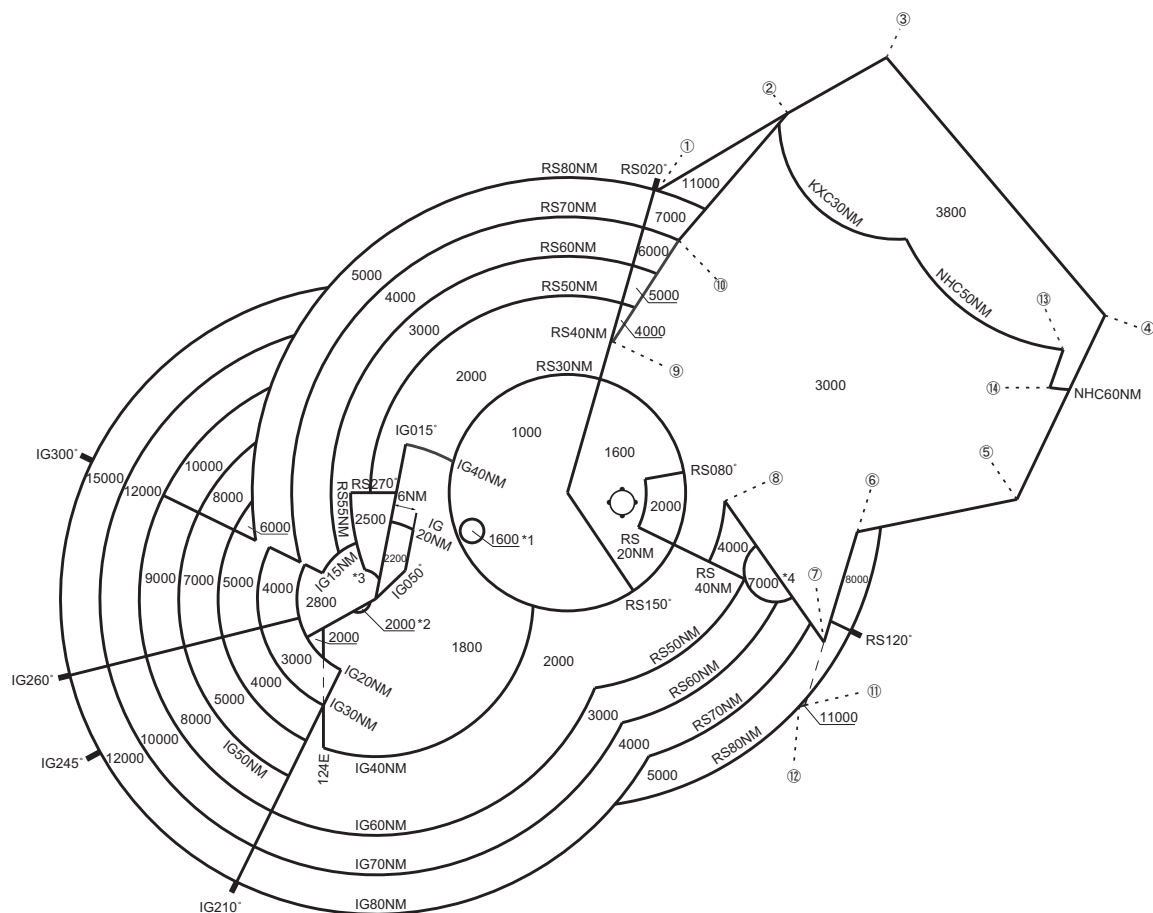


Call sign	BRG / DIST from ARP	Remarks
10NM NORTH EAST	045°/10.0NM	海上 Over the sea
大 神 島 Ohgamijima	009°/ 8.0NM	島 Island
来 間 島 Kurimashima	220°/ 4.5NM	島 Island
平 安 名 崎 Hennazaki	115°/10.0NM	灯台 Lighthouse

ROMY / MIYAKO

Minimum Vectoring Altitude CHART

VAR 4°W (2013)



- ① 260606N/1253511E
- ② 262504N/1261226E
- ③ 263831N/1264046E
- ④ 253118N/1273951E
- ⑤ 244518N/1271337E
- ⑥ 243809N/1262857E
- ⑦ 241018N/1261859E
- ⑧ 244643N/1255202E
- ⑨ 252751N/1252515E
- 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 : Update(BTN RS020° and RS150°).