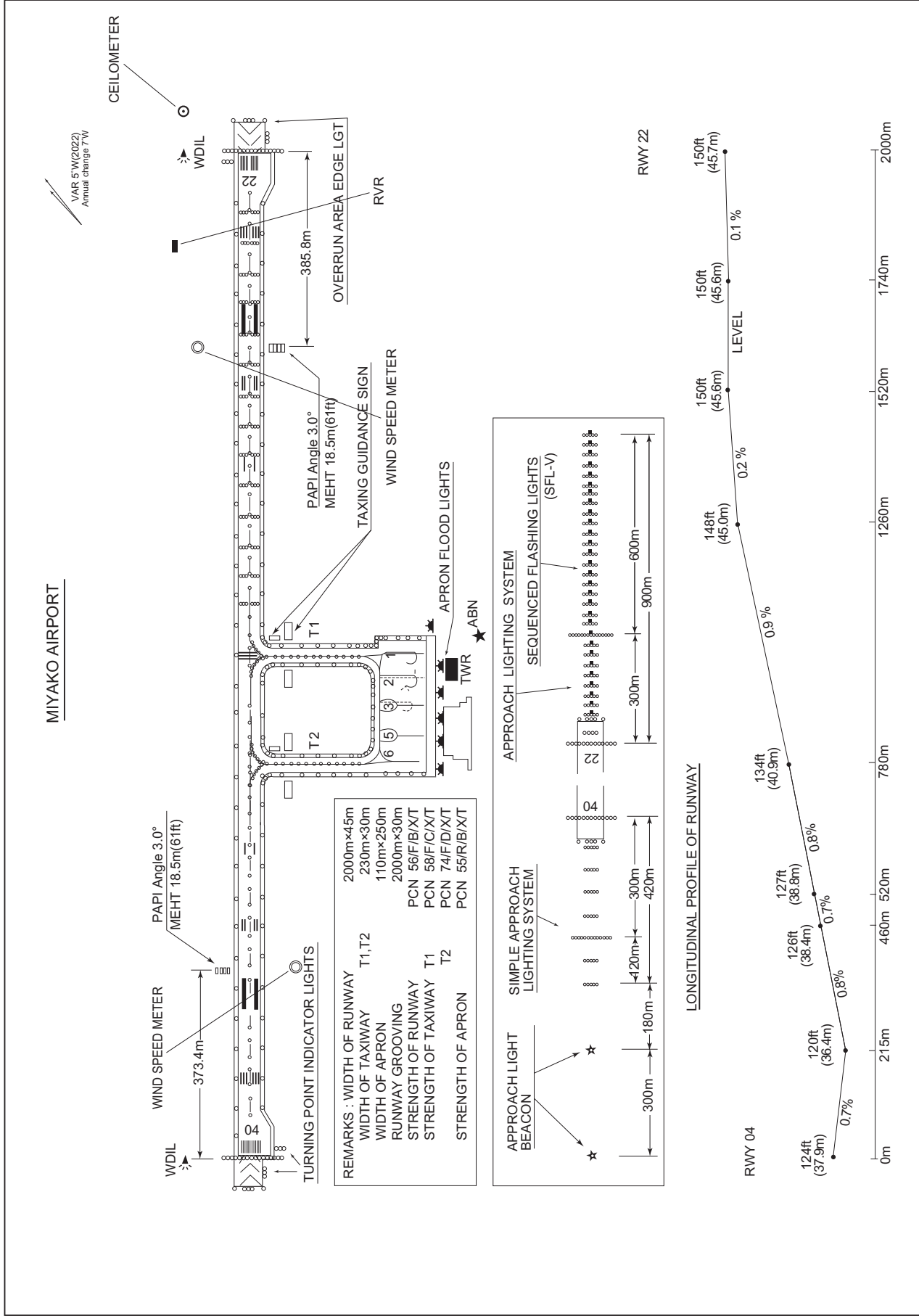


CHANGE : VAR.

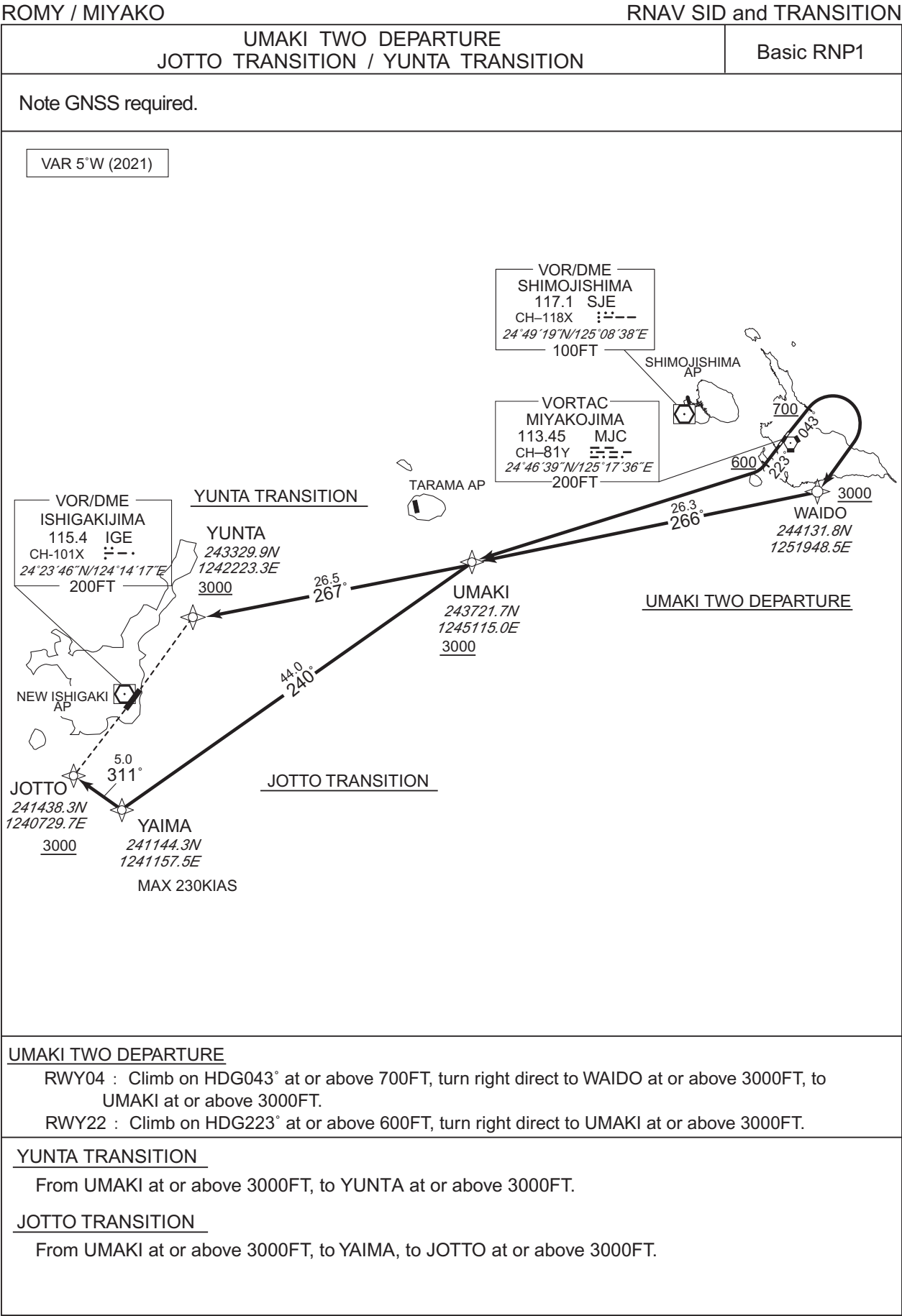
ROMY / MIYAKO

AD CHART



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STANDARD DEPARTURE CHART -INSTRUMENT



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

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

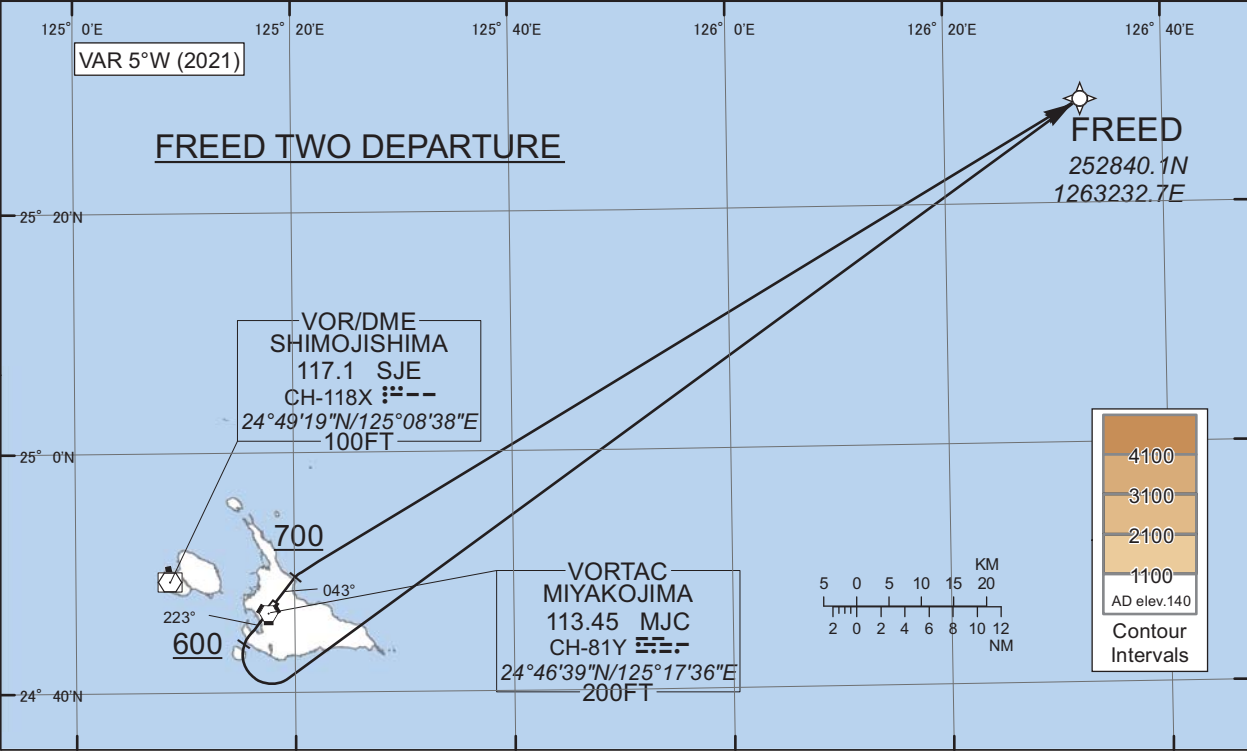
ROMY / MIYAKO

RNAV SID

FREED TWO DEPARTURE

Basic RNP1

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.

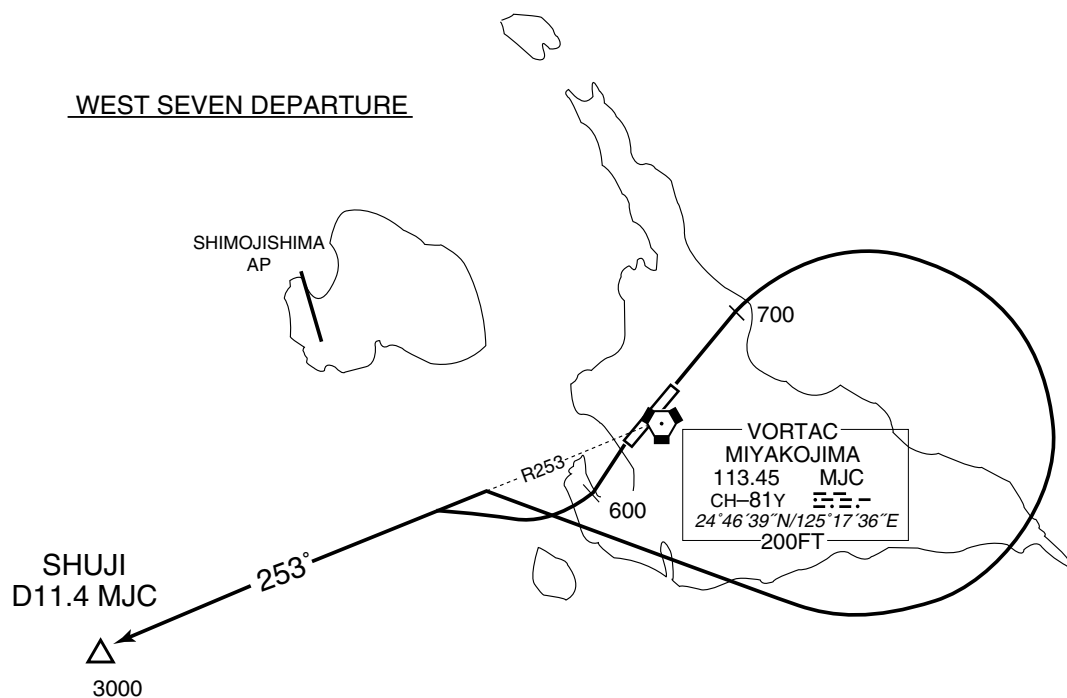
STANDARD DEPARTURE CHART -INSTRUMENT

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.



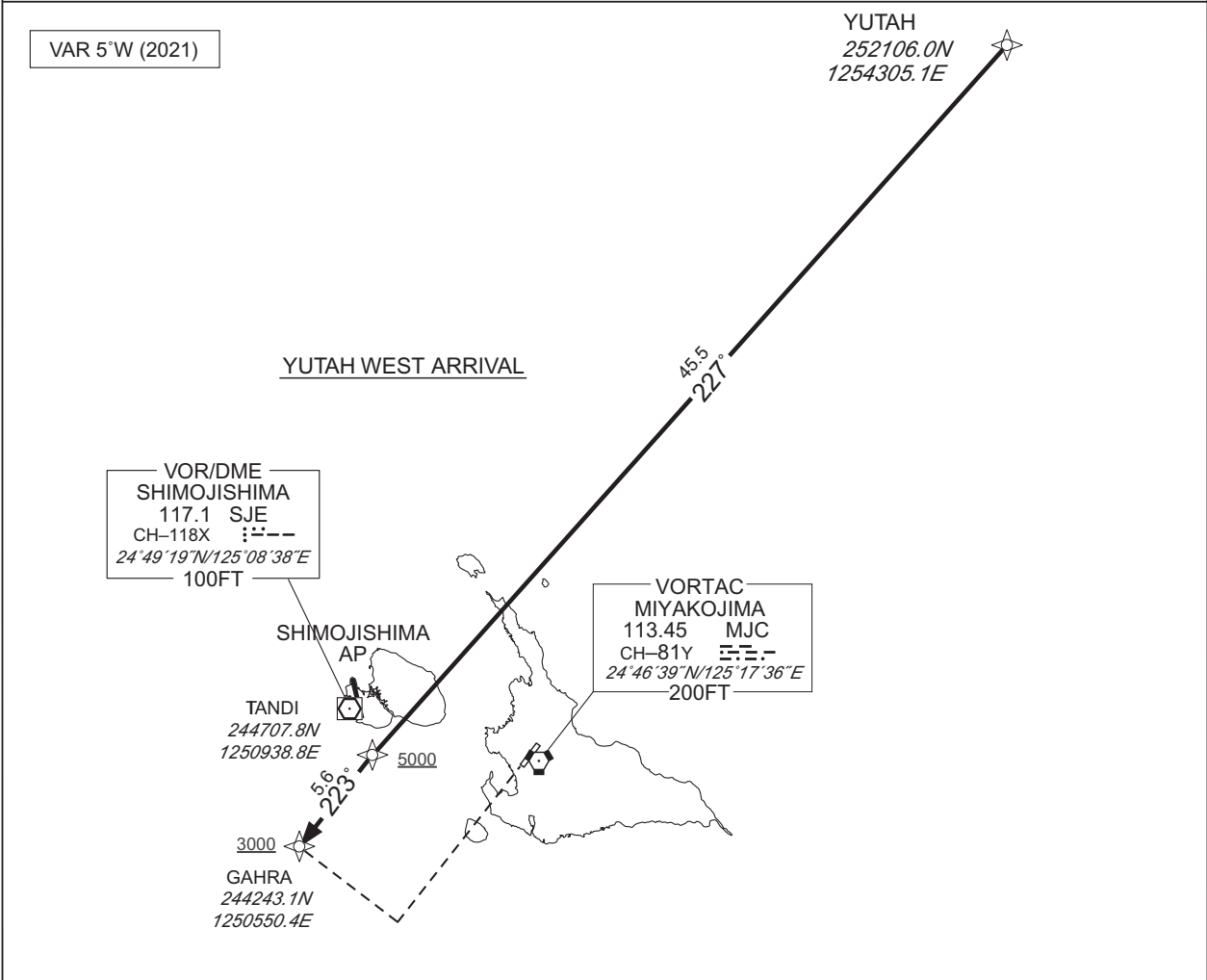
STANDARD ARRIVAL CHART - INSTRUMENT

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.

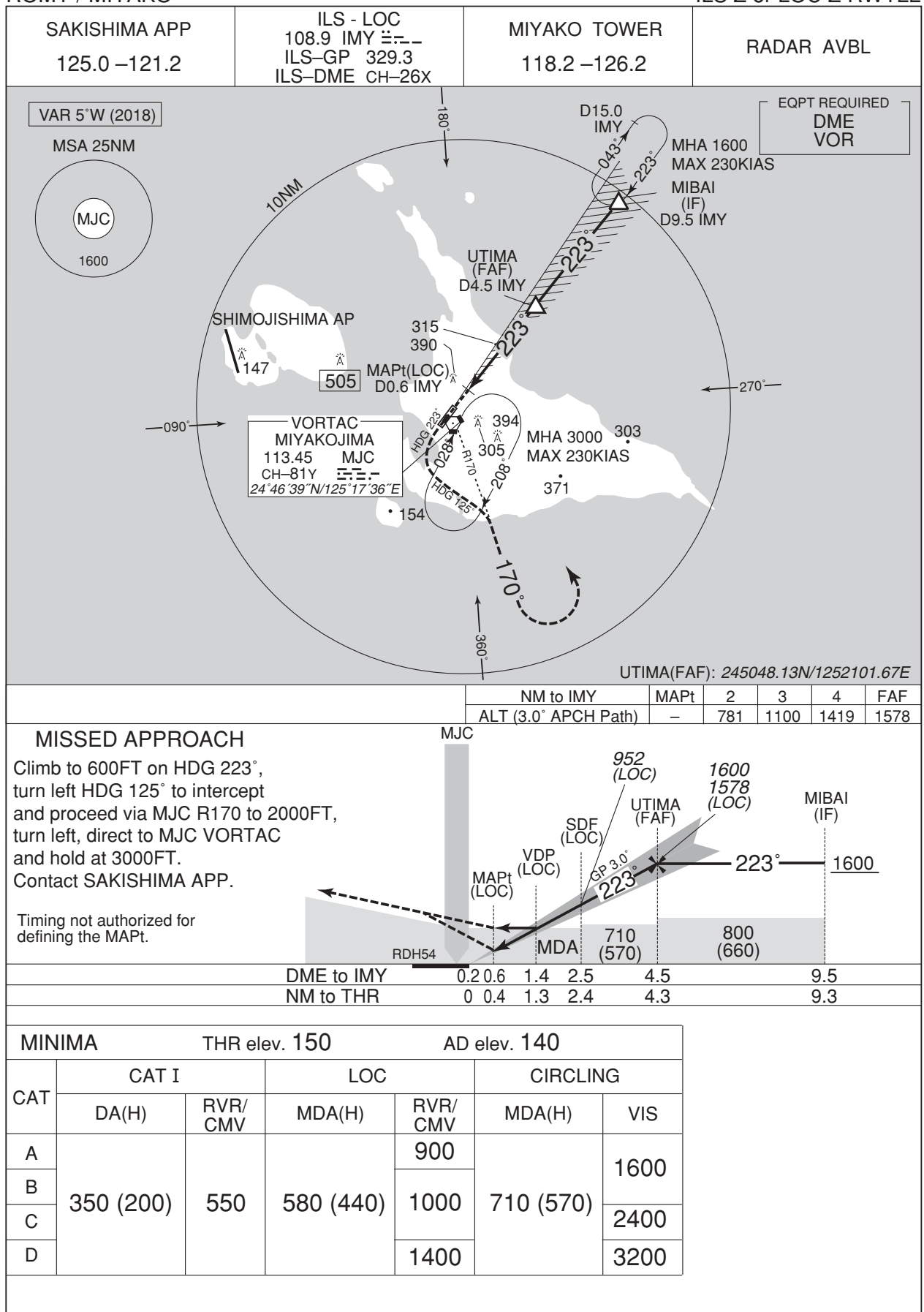
Civil Aviation Bureau,Japan (EFF:16 JUN 2022)

19/5/22

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

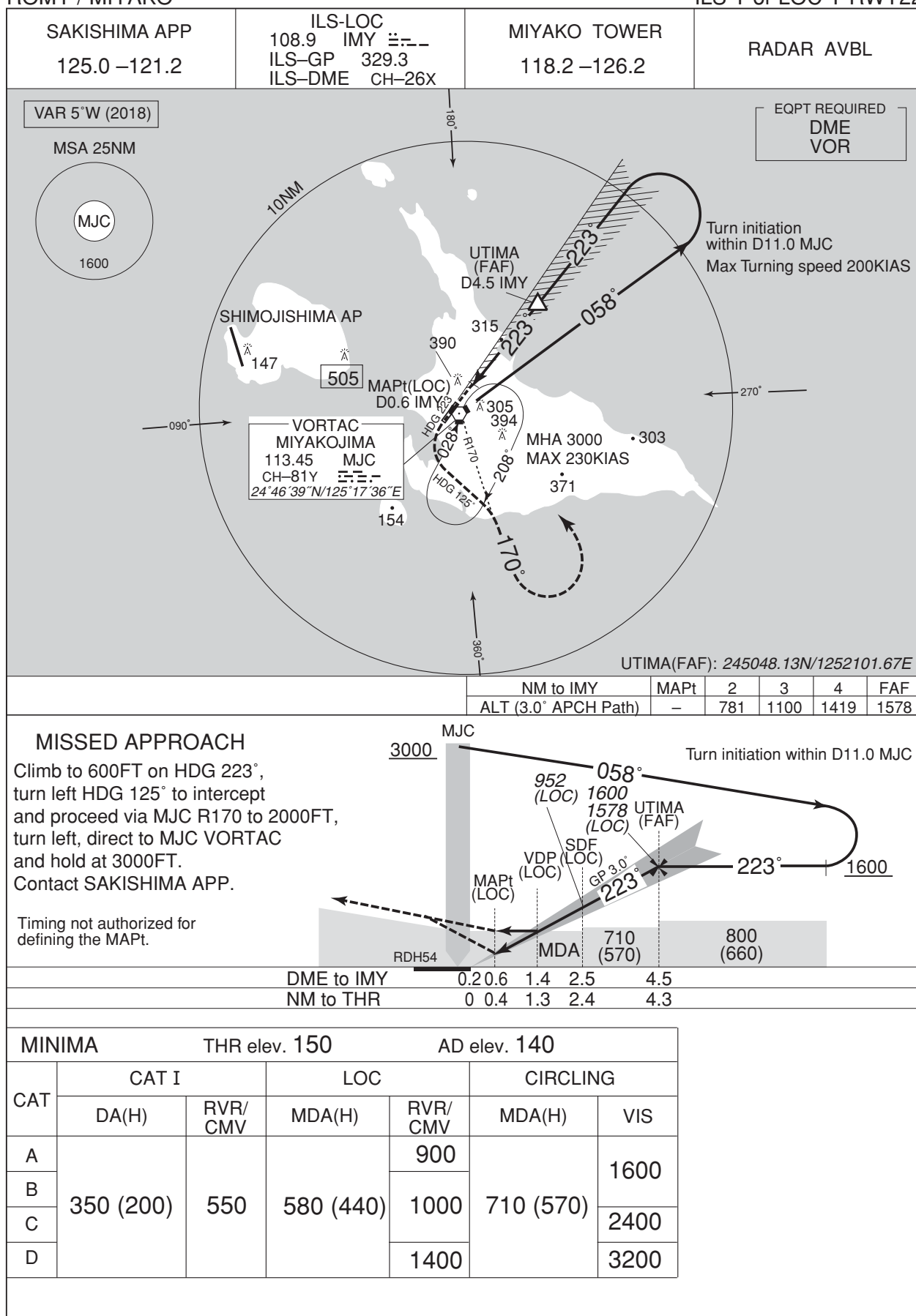
ILS Z or LOC Z RWY22



INSTRUMENT APPROACH CHART

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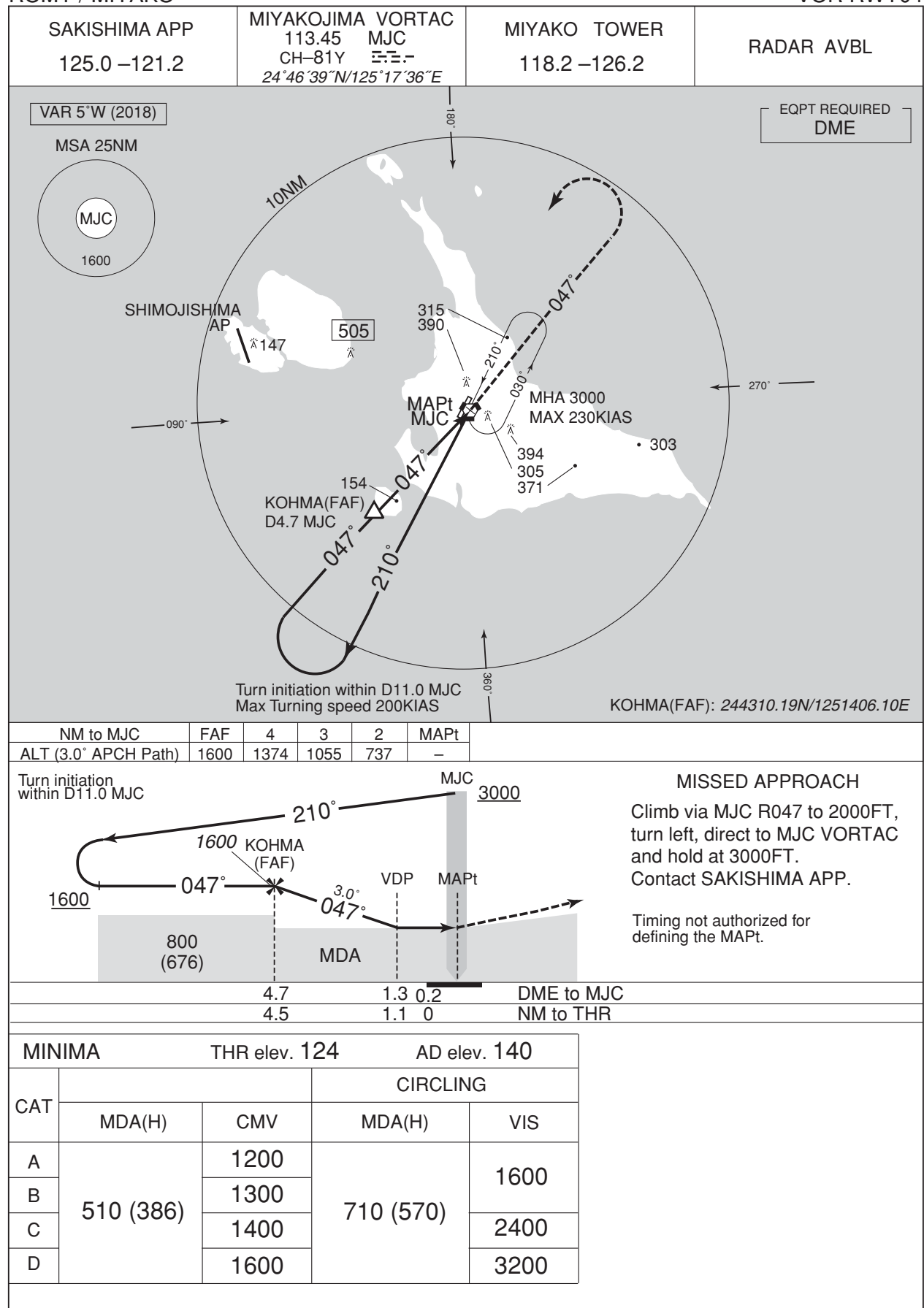
ILS Y or LOC Y RWY22



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY04



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

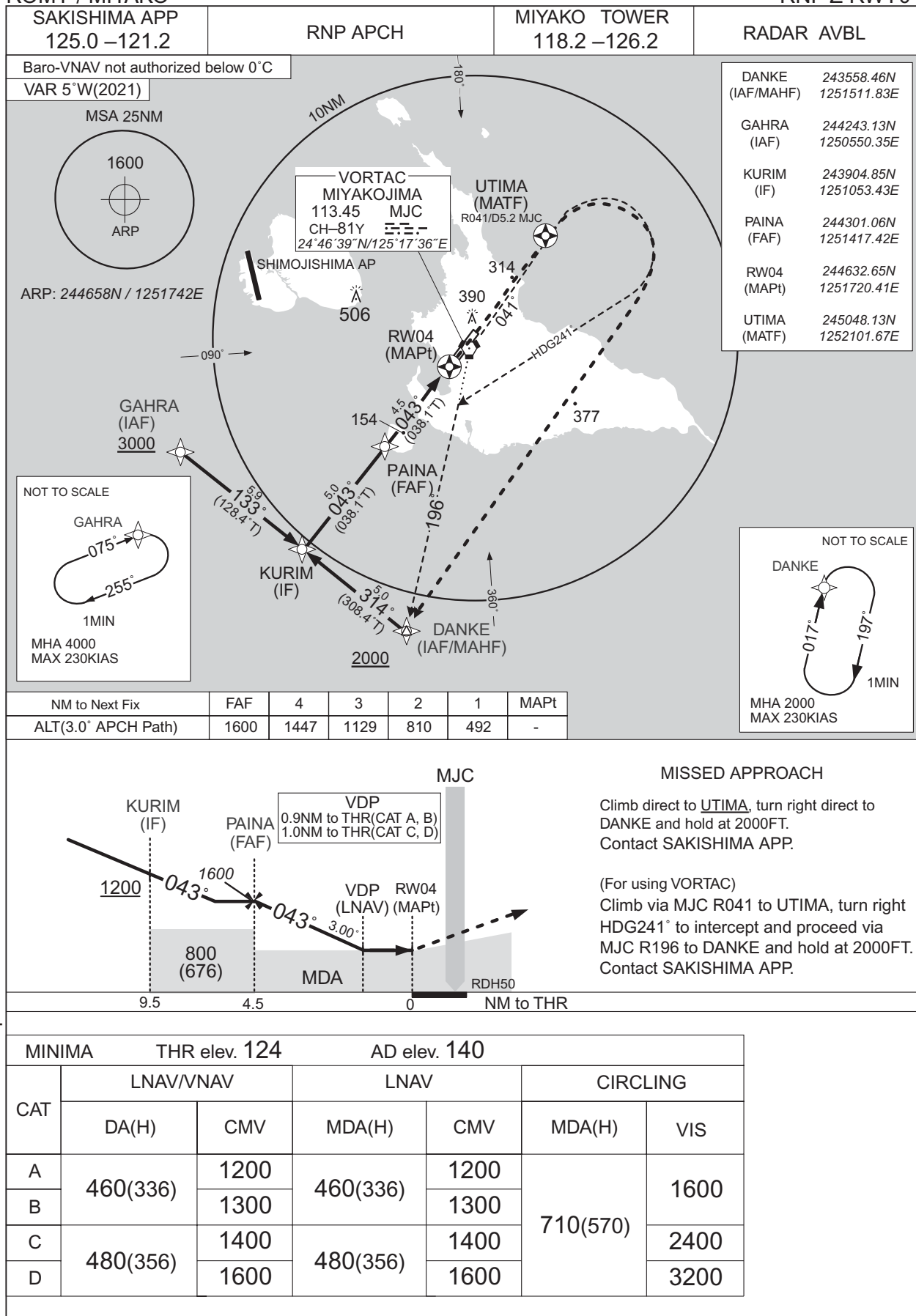
VOR RWY22



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Z RWY04



CHANGE:PROC renamed. Requirement for RNP.

ROMY / MIYAKO

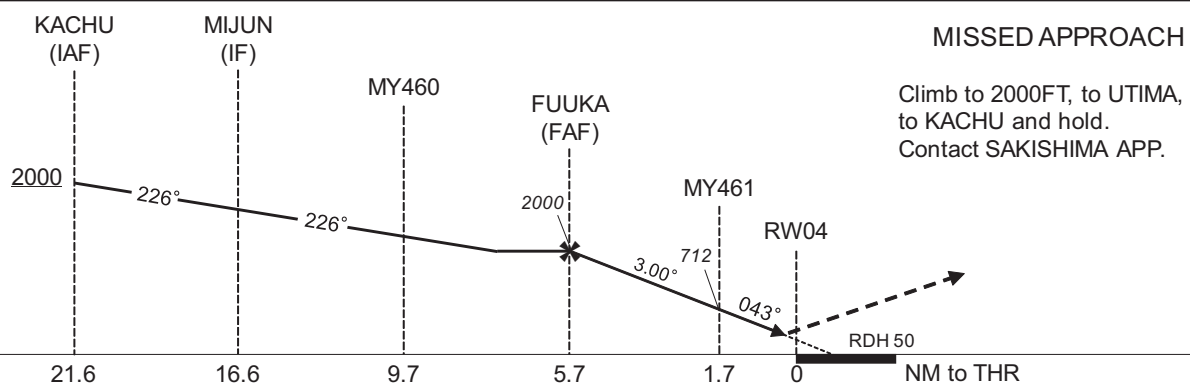
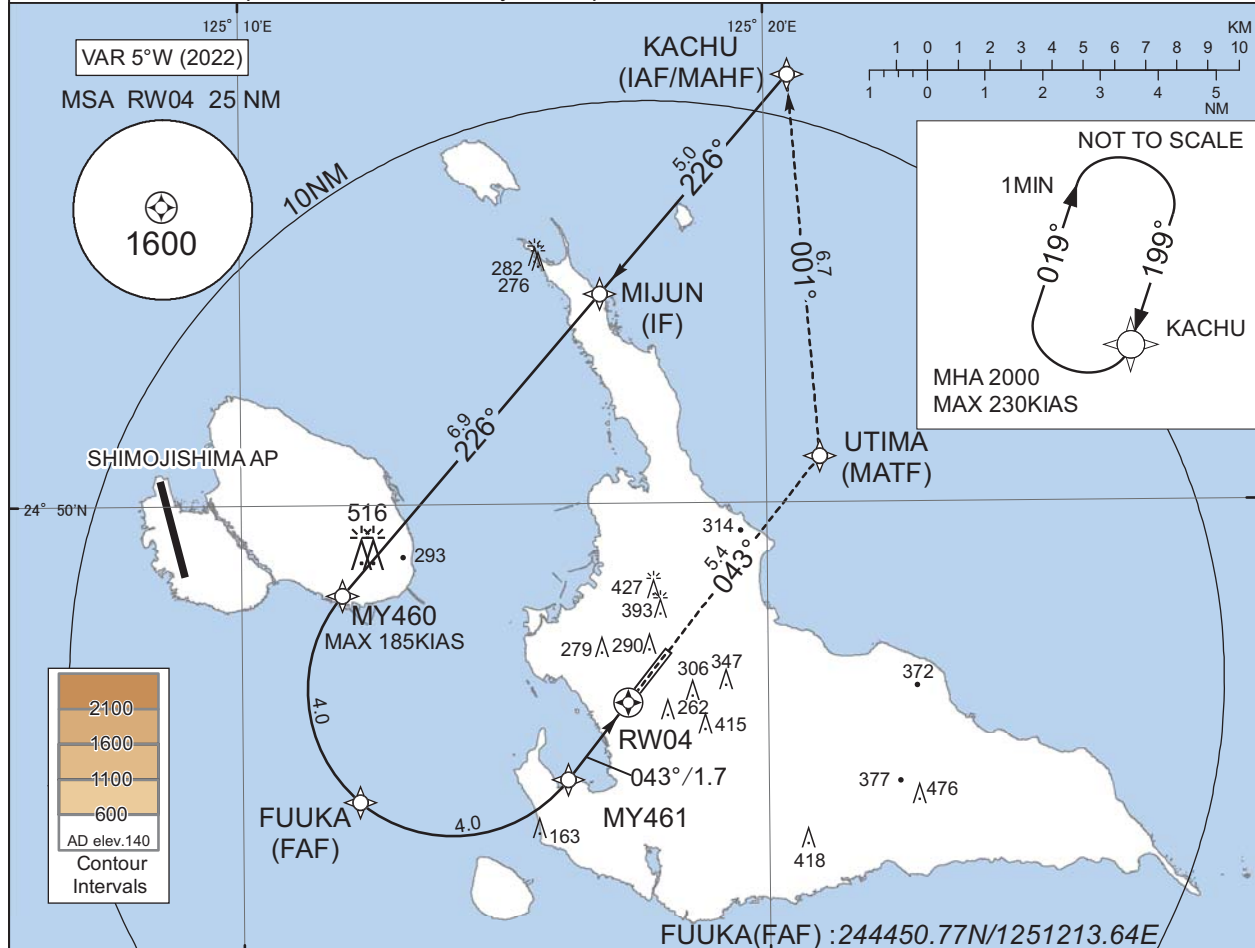
SAKISHIMA APP
125.0 - 121.2

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



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

Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

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		

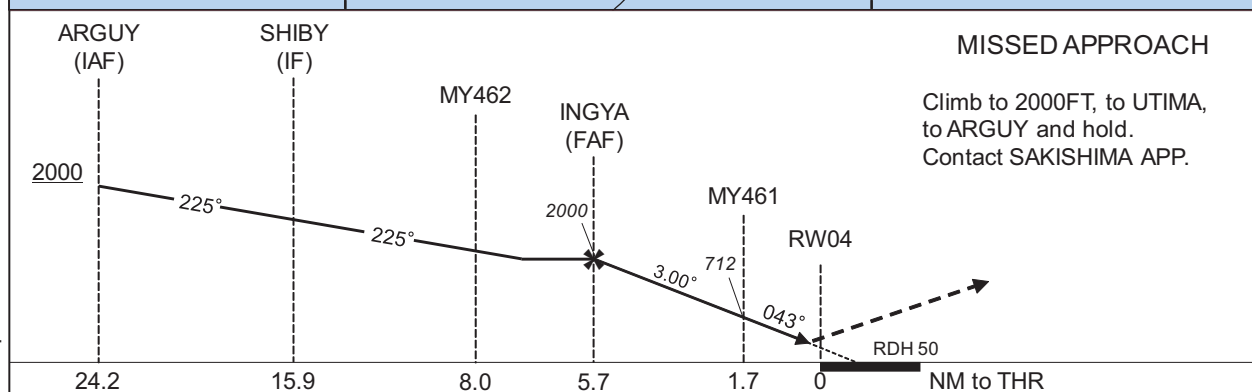
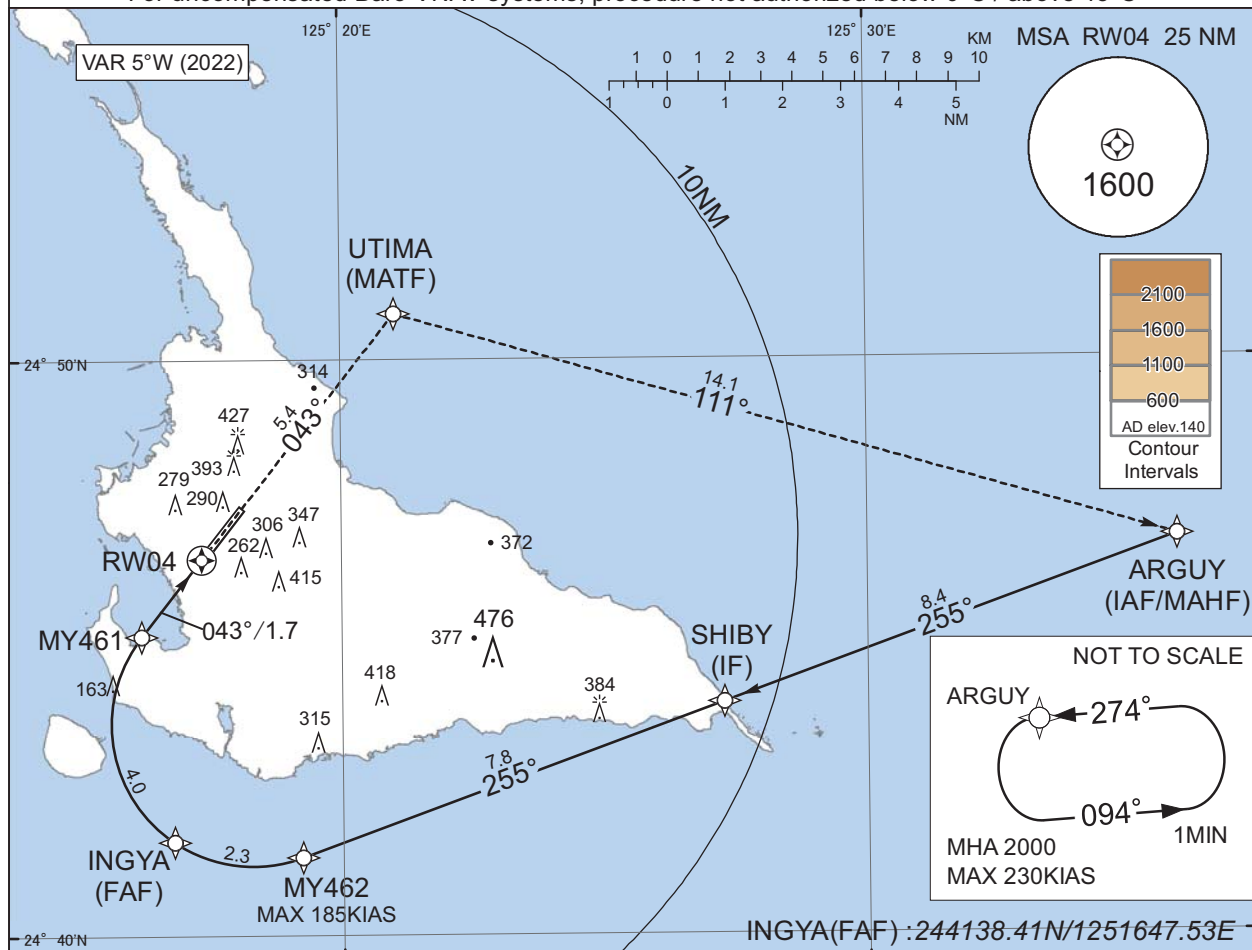
CHANGE : PROC renamed.

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

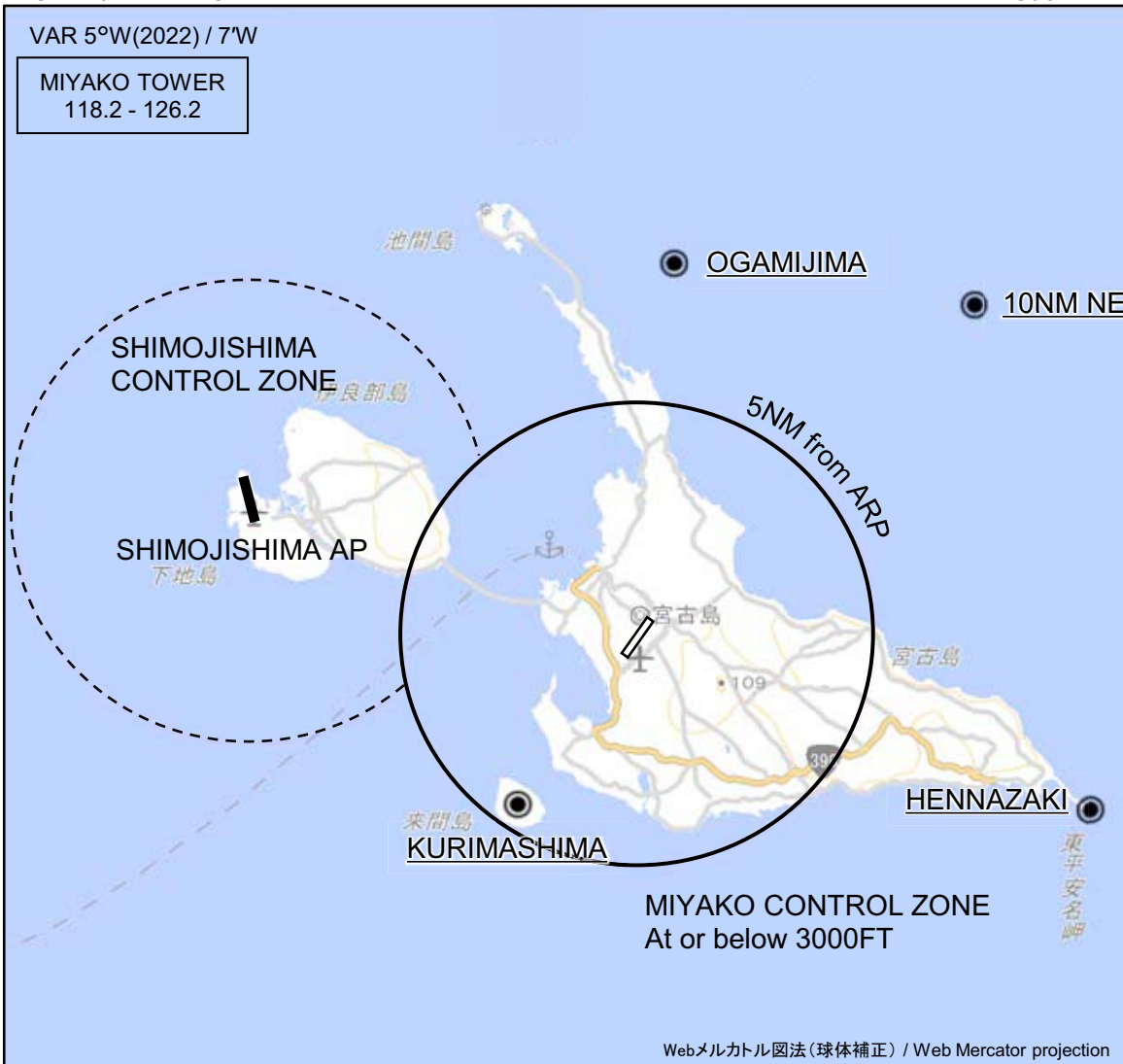
Waypoint Coordinates

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

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

