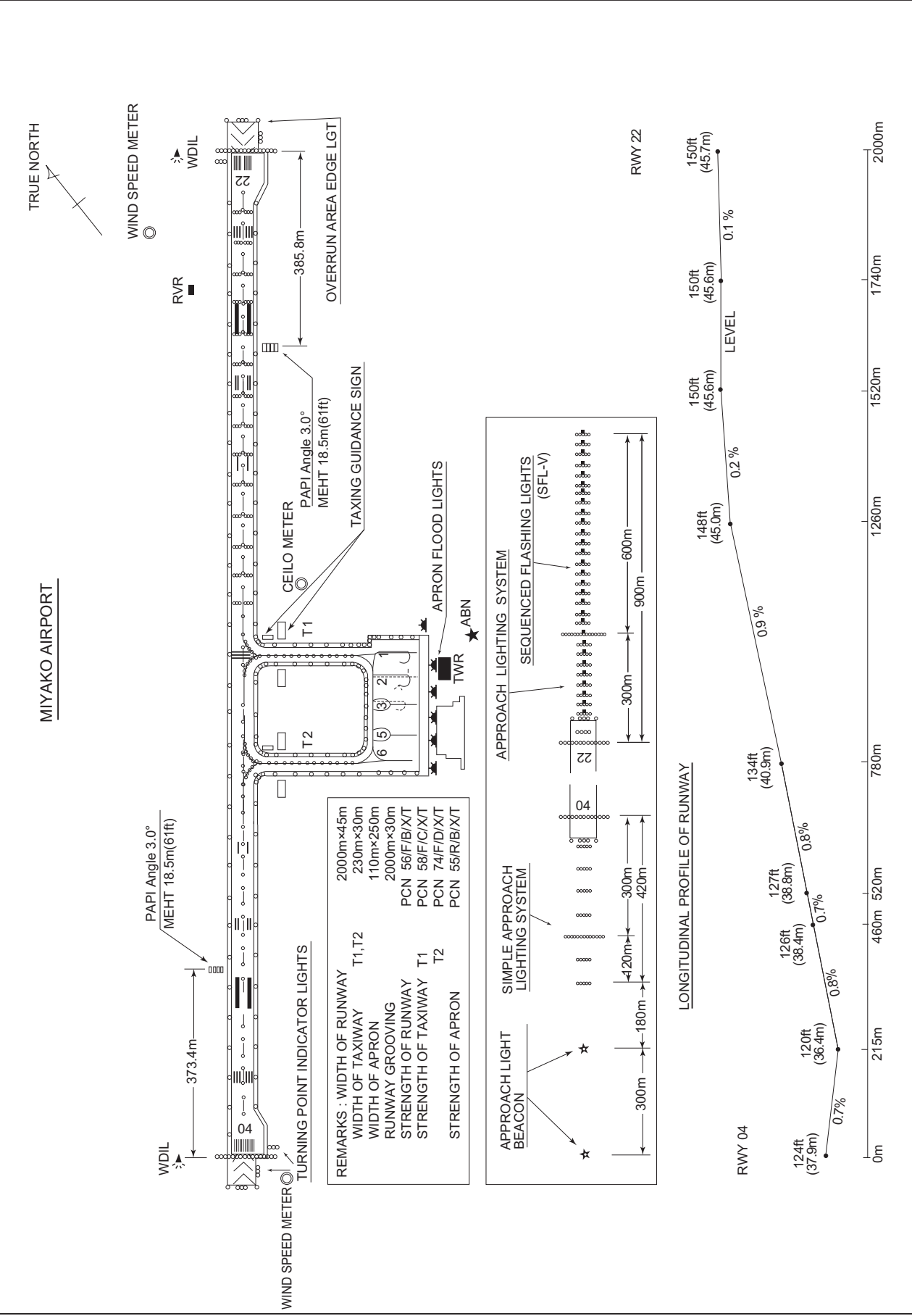


ROMY / MIYAKO

AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID

TORII TWO DEPARTURE			RNAV1
NOTE 1) GNSS required. 2) RADAR service required.	Critical DME	—	
	DME GAP	RWY04 : DER - TORII RWY22 : DER - TORII	
	Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.	

VAR 5°W (2015)

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

TORII TWO DEPARTURE



TORII TWO DEPARTURE

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

RWY22 : Climb on HDG223° at or above 600FT, turn left direct to SANIT, to TORII.

TORII 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)	-4.5	—	—	+700	—	—	RNAV1
002	DF	SANIT	—	—	-4.5	—	R	—	—	—	RNAV1
003	TF	TORII	—	065 (060.7)	-4.5	23.5	—	—	—	—	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)	-4.5	—	—	+600	—	—	RNAV1
002	DF	SANIT	—	—	-4.5	—	L	—	—	—	RNAV1
003	TF	TORII	—	065 (060.7)	-4.5	23.5	—	—	—	—	RNAV1

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)	-4.5	—	—	+700	—	—	RNAV1
002	DF	WAIDO	—	—	-4.5	—	R	+3000	—	—	RNAV1
003	TF	UMAKI	—	266 (261.0)	-4.5	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)	-4.5	—	—	+600	—	—	RNAV1
002	DF	UMAKI	—	—	-4.5	—	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	—	—	-4.5	—	—	+3000	—	—	RNAV1
002	TF	YUNTA	—	266 (261.7)	-4.5	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	—	—	-4.5	—	—	+3000	—	—	RNAV1
002	TF	YAIMA	—	239 (234.5)	-4.5	44.0	—	—	-230	—	RNAV1
003	TF	JOTTO	—	310 (305.5)	-4.5	5.0	—	+3000	—	—	RNAV1

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

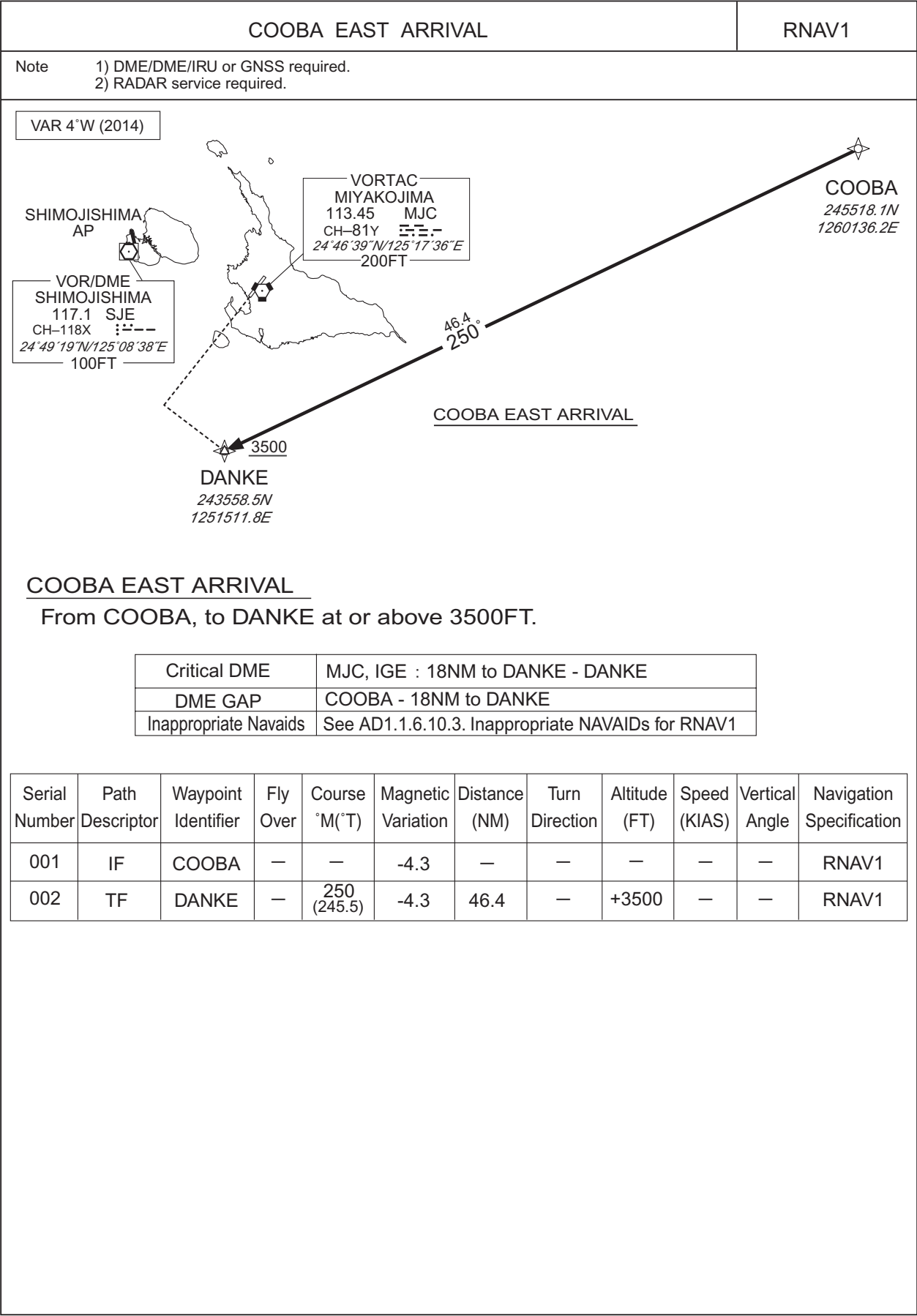
RWY 04 : Climb RWY HDG to 700FT, turn right...
RWY 22 : Climb RWY HDG to 600FT, turn right...
... to intercept and proceed via MJC R253 to SHUJI.
Cross SHUJI at or above 3000FT.



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

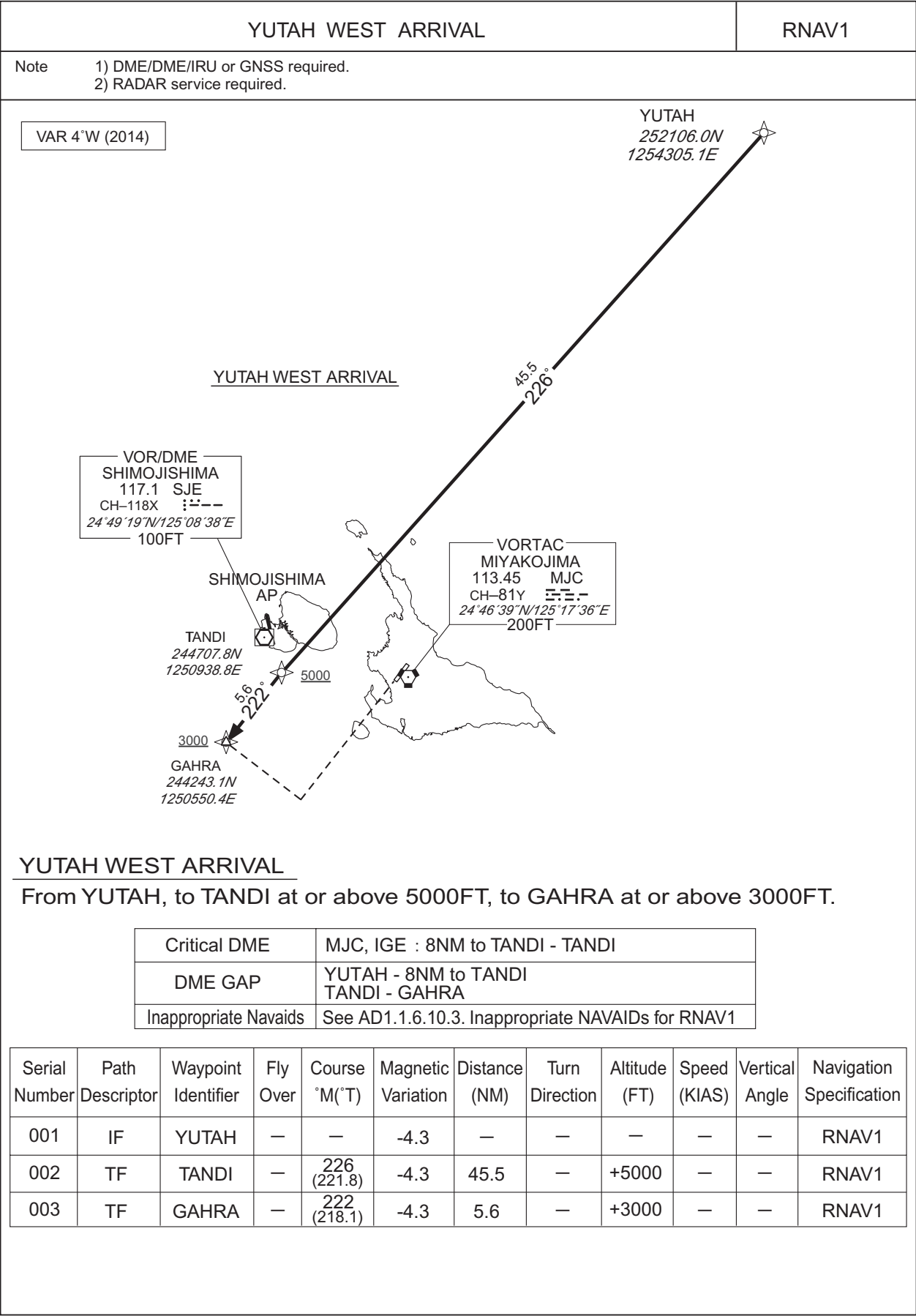
RNAV STAR RWY04



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

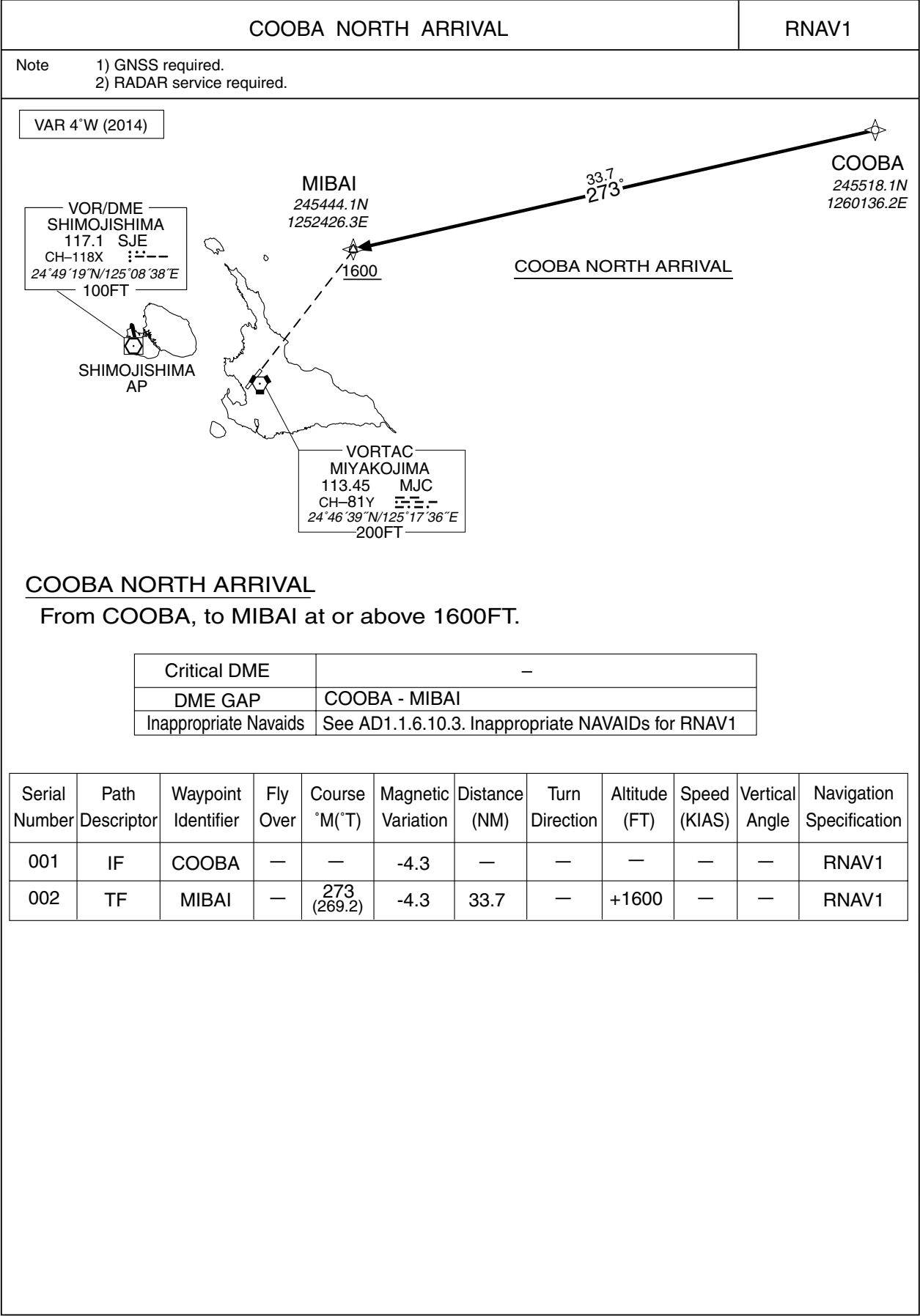
RNAV STAR RWY04



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY22



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

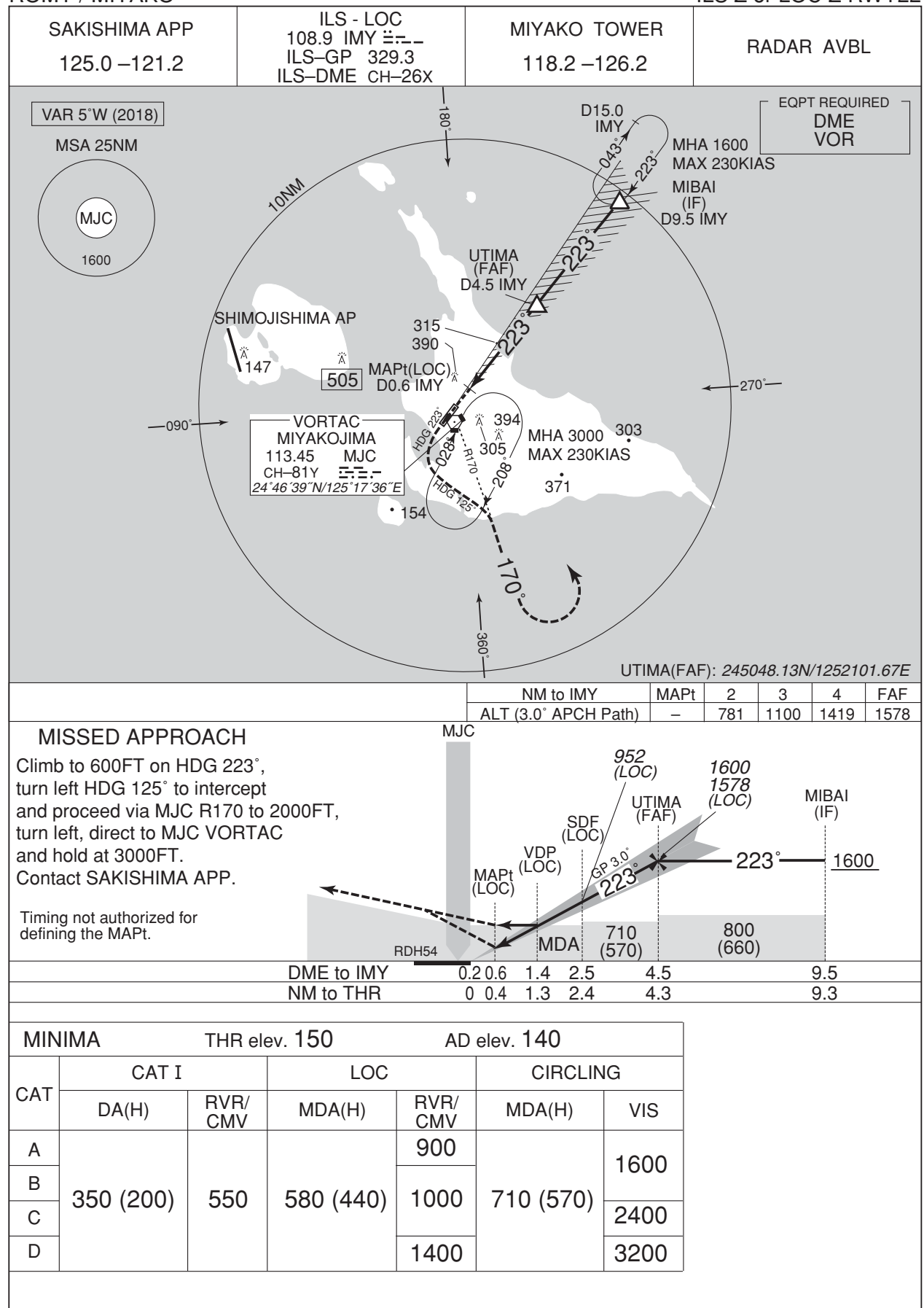
RNAV STAR RWY22



INSTRUMENT APPROACH CHART

ROMY / MIYAKO

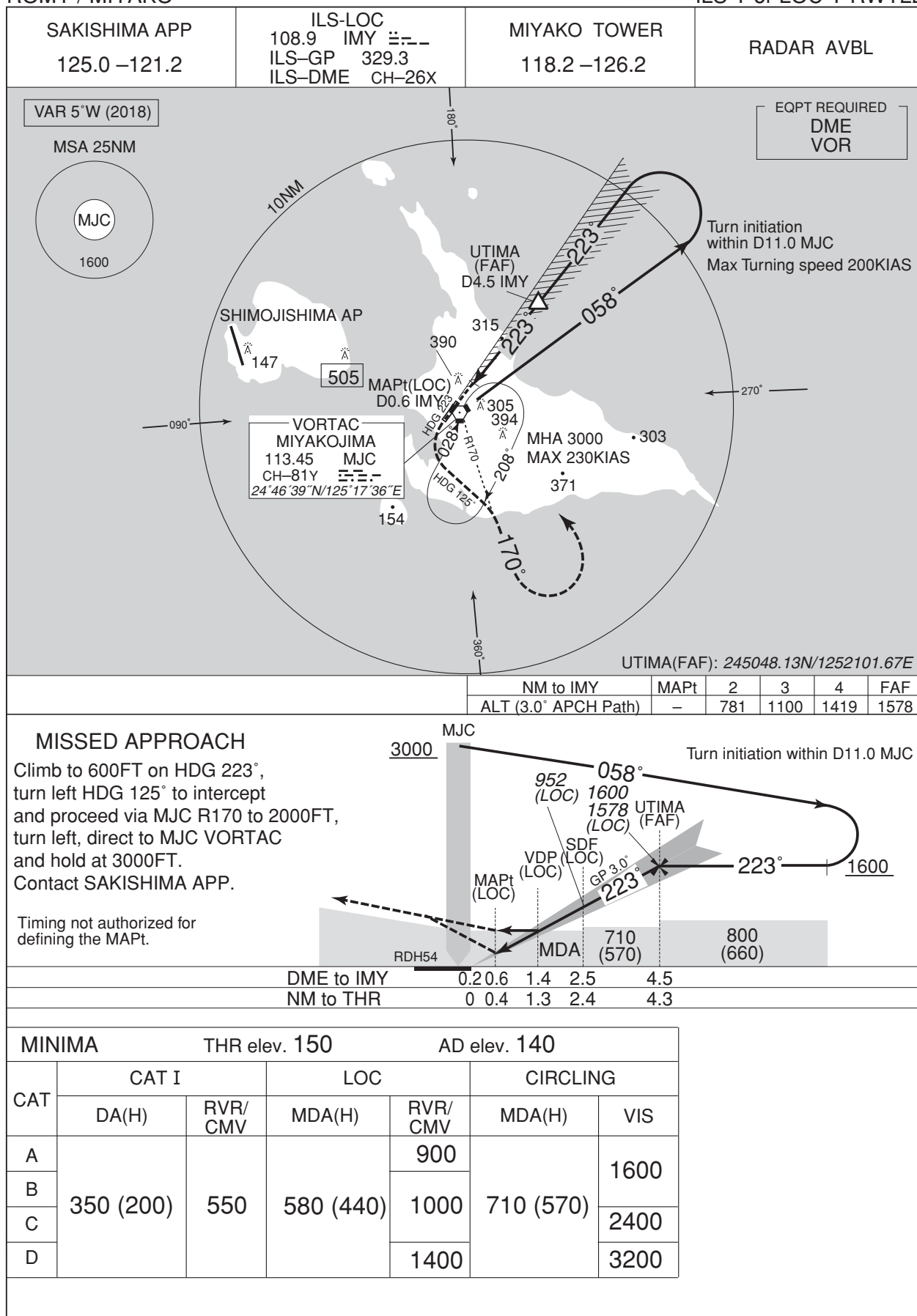
ILS Z or LOC Z RWY22



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

ROMY / MIYAKO

RNAV(GNSS) Z RWY04



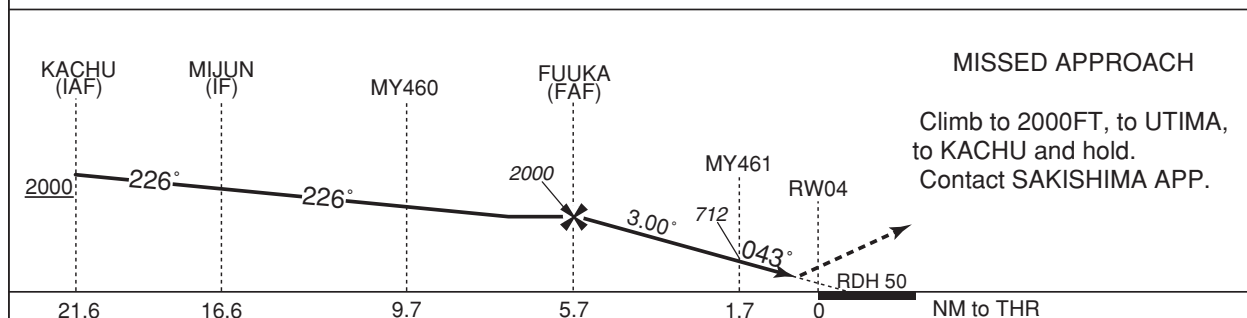
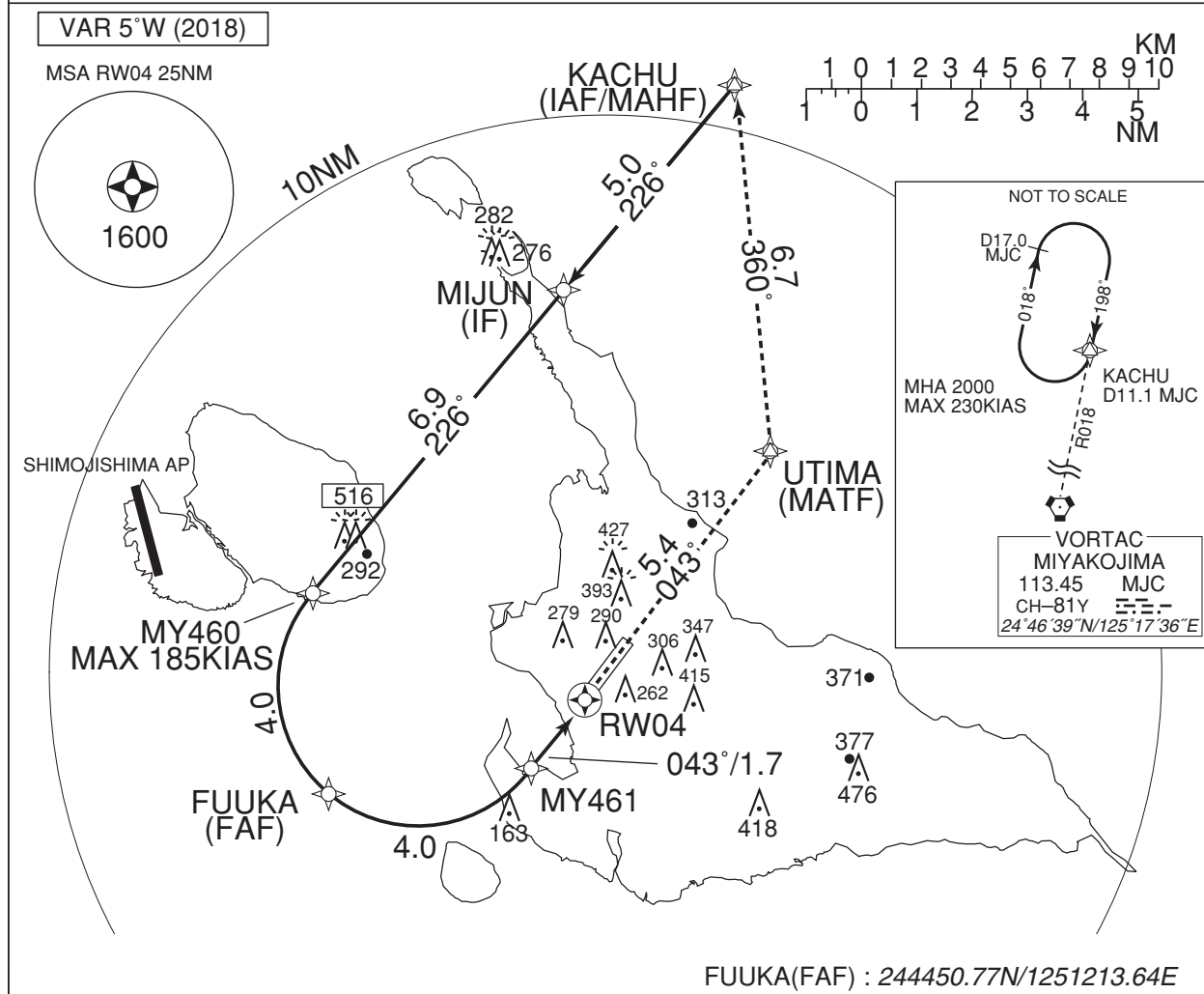
INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) Y RWY04

SAKISHIMA APP 125.0 –121.2	GNSS and 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	424 (300)	1400	430 (306)	1400
D		1600	440 (316)	1600

RNP AR

Special Authorization Required

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	—	—	-4.8	—	—	+2000	—	—	—
002	TF	MIJUN	—	226 (220.8)	-4.8	5.0	—	—	—	—	1.0
003	TF	MY460	—	226 (220.7)	-4.8	6.9	—	+2000	-185	—	1.0
004	RF Center: MYRF1 r=2.52NM	FUUKA	—	—	-4.8	4.0	L	2000	—	—	1.0
005	RF Center: MYRF1 r=2.52NM	MY461	—	—	-4.8	4.0	L	712	—	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-4.8	1.7	—	174	—	-3.00/50	0.29 0.30
007	TF	UTIMA	—	043 (038.2)	-4.8	5.4	—	—	—	—	1.0
008	TF	KACHU	—	360 (355.6)	-4.8	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		

ROMY / MIYAKO

RNAV(RNP) X RWY04

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

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



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

RNP AR
Special Authorization Required

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNAV(RNP) X RWY04

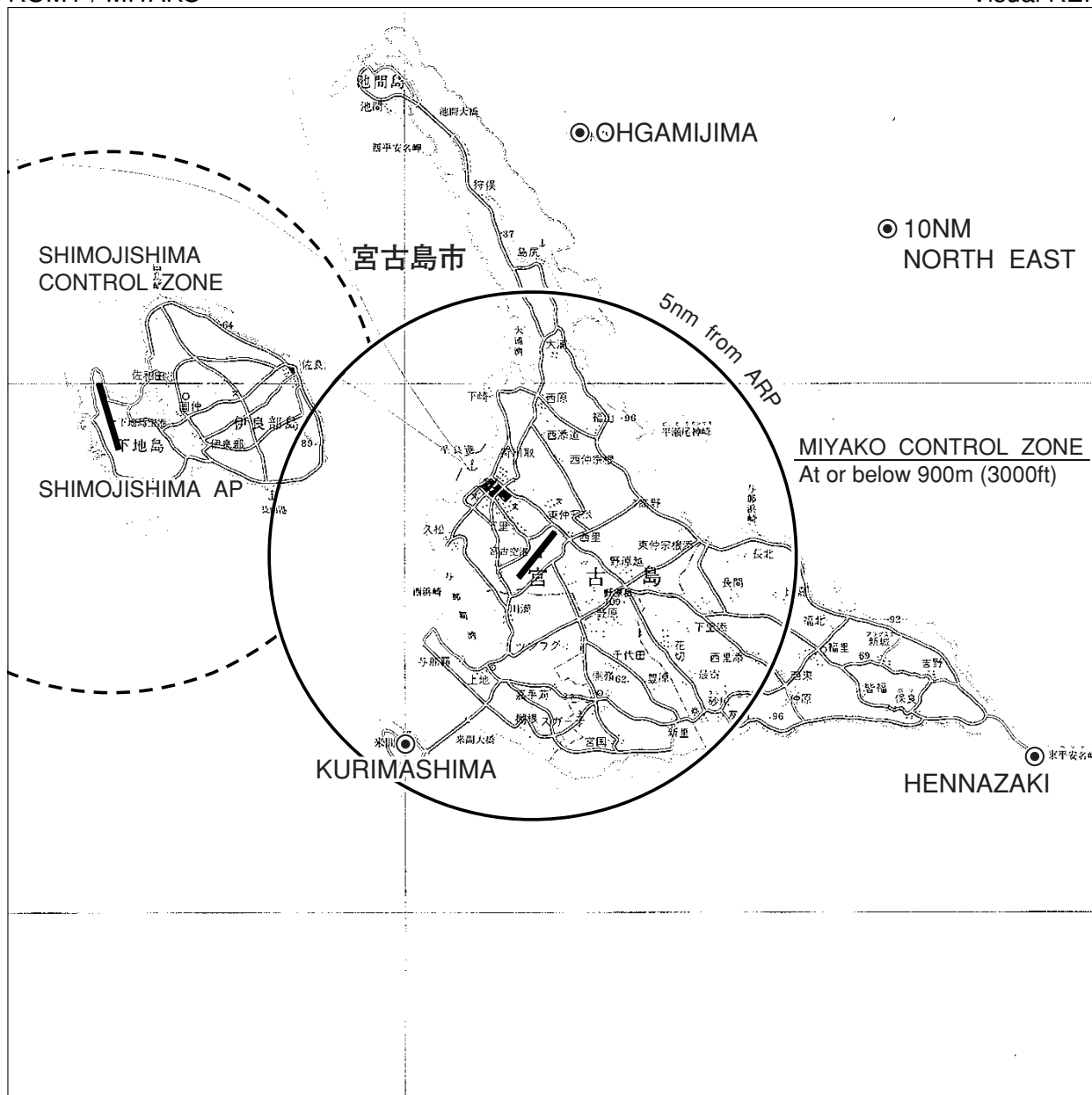
RNAV(RNP) X RWY04Coding Table

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	—	—	-4.8	—	—	+2000	—	—	—
002	TF	SHIBY	—	255 (250.0)	-4.8	8.4	—	—	—	—	1.0
003	TF	MY462	—	255 (250.0)	-4.8	7.8	—	+2000	-185	—	1.0
004	RF Center: MYRF2 r=2.46NM	INGYA	—	—	-4.8	2.3	R	2000	—	—	1.0
005	RF Center: MYRF2 r=2.46NM	MY461	—	—	-4.8	4.0	R	712	—	-3.00	0.29 0.30
006	TF	RW04	Y	043 (038.1)	-4.8	1.7	—	174	—	-3.00/50	0.29 0.30
007	TF	UTIMA	—	043 (038.2)	-4.8	5.4	—	—	—	—	1.0
008	TF	ARGUY	—	111 (106.1)	-4.8	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		

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