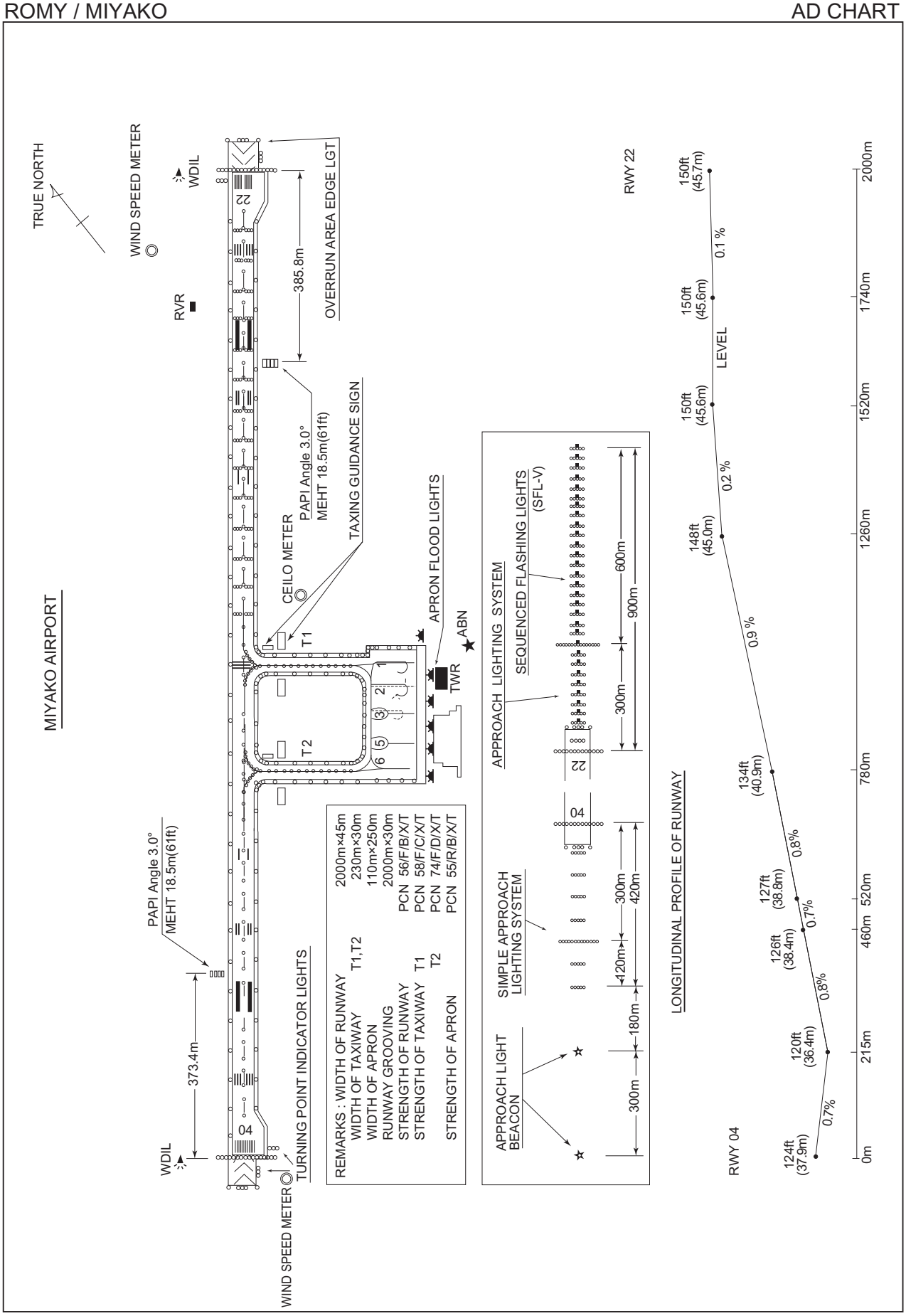
ROMY / MIYAKO AD CHART



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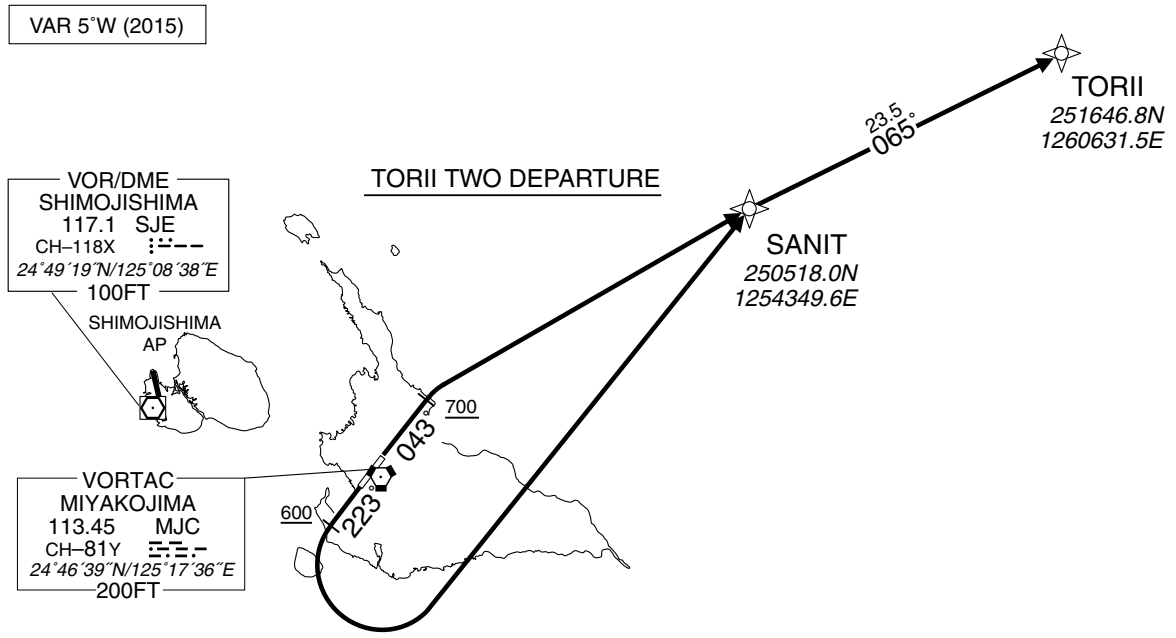
STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO RNAV SID

TORII TWO DEPARTURE	RNAV1

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



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

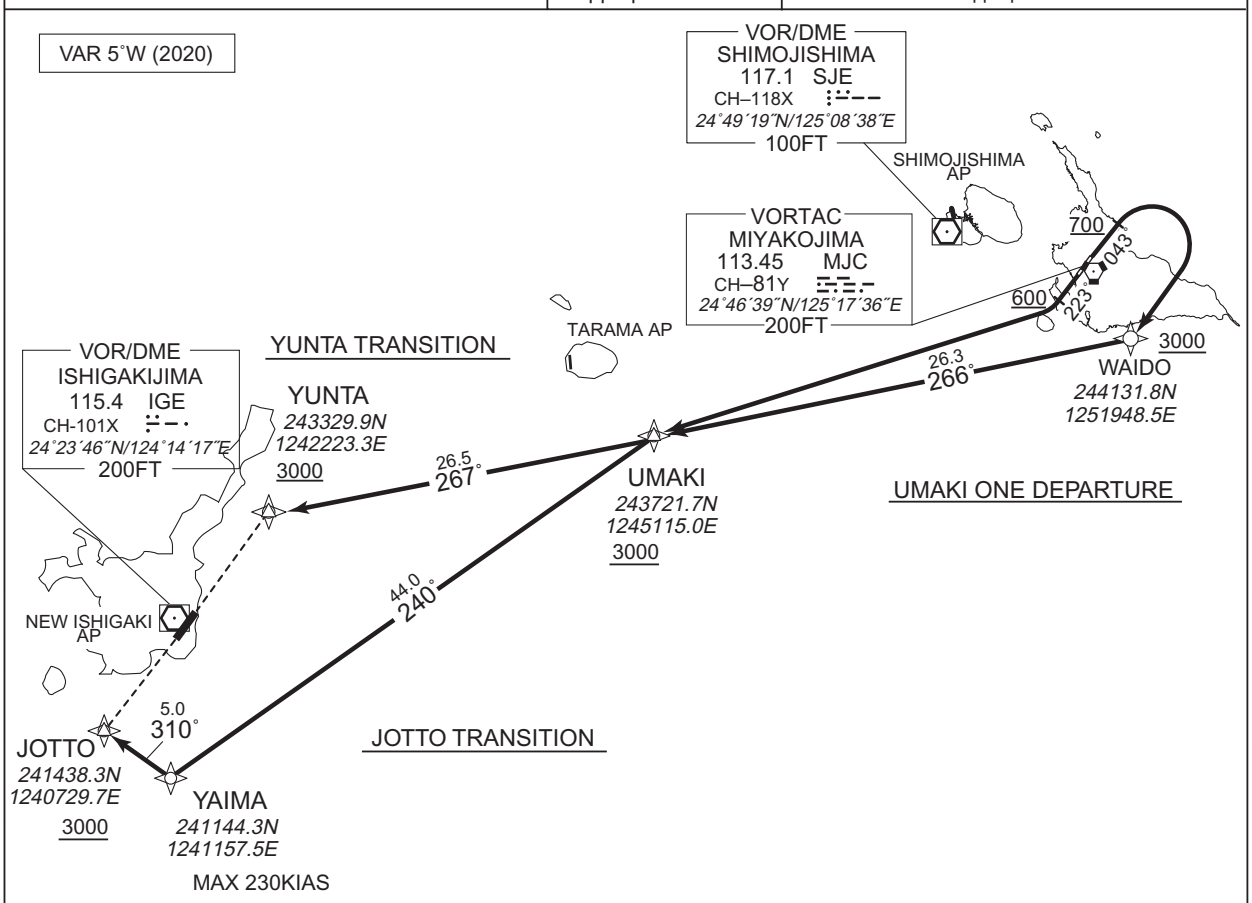
ROMY / MIYAKO — RNAV SID and TRANSITION

UMAKI ONE DEPARTURE
JOTTO TRANSITION / YUNTA TRANSITION

RNAV1

NOTE 1) DME/DME/IRU or GNSS required.
※ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.
2) RADAR service required.

Critical DME	RWY04 : MJC, IGE : WAIDO - 23NM to UMAKI JOTTO TRANSITION : MJC : 22NM to YAIMA - 10NM to YAIMA IGE : 18NM to YAIMA - 10NM to YAIMA YNE : 22NM to YAIMA - 20NM to YAIMA YUNTA TRANSITION : IGE,YNE : 8NM to YUNTA - YUNTA
DME GAP	RWY04 : DER - WAIDO, 23NM to UMAKI - UMAKI RWY22 : DER - UMAKI JOTTO TRANSITION : UMAKI - 22NM to YAIMA YUNTA TRANSITION : UMAKI - 8NM to YUNTA
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.



UMAKI ONE 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.

CHANGE : VAR.TARAMA VOR/DME(RME) abolished. Course FM UMAKI to YUNTA. Course FM UMAKI to YAIMA.

STANDARD DEPARTURE CHART -INSTRUMENT

ROMY / MIYAKO

RNAV SID and TRANSITION

CHANGE：VAR. Course FM UMAKI to YUNTA. Course FM UMAKI to YAIMA.

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)	-5.0	–	–	+700	–	–	RNAV1
002	DF	WAIDO	–	—	-5.0	–	R	+3000	–	–	RNAV1
003	TF	UMAKI	–	266 (261.0)	-5.0	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)	-5.0	–	–	+600	–	–	RNAV1
002	DF	UMAKI	–	–	-5.0	–	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	–	–	-5.0	–	–	+3000	–	–	RNAV1
002	TF	YUNTA	–	267 (261.7)	-5.0	26.5	–	+3000	–	–	RNAV1

JOTTO TRANSITION

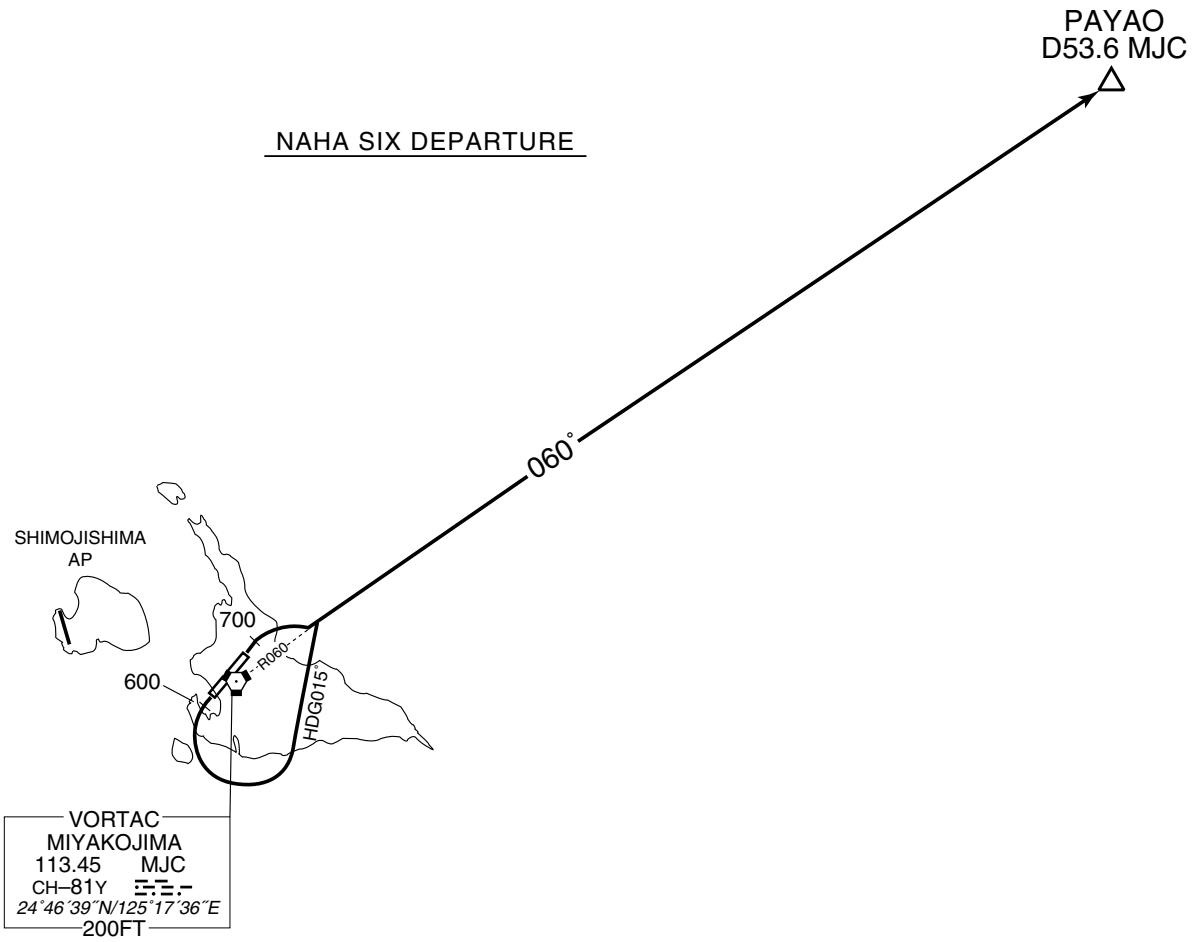
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	UMAKI	–	–	-5.0	–	–	+3000	–	–	RNAV1
002	TF	YAIMA	–	240 (234.5)	-5.0	44.0	–	–	-230	–	RNAV1
003	TF	JOTTO	–	310 (305.5)	-5.0	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.

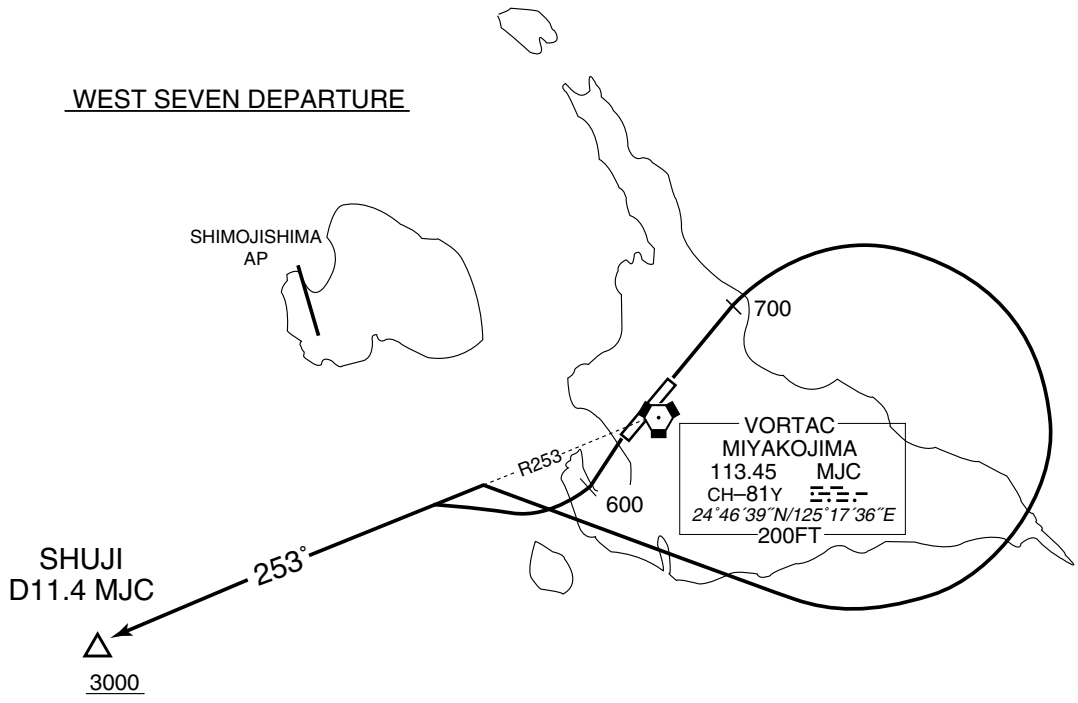


STANDARD DEPARTURE CHART -INSTRUMENT

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.

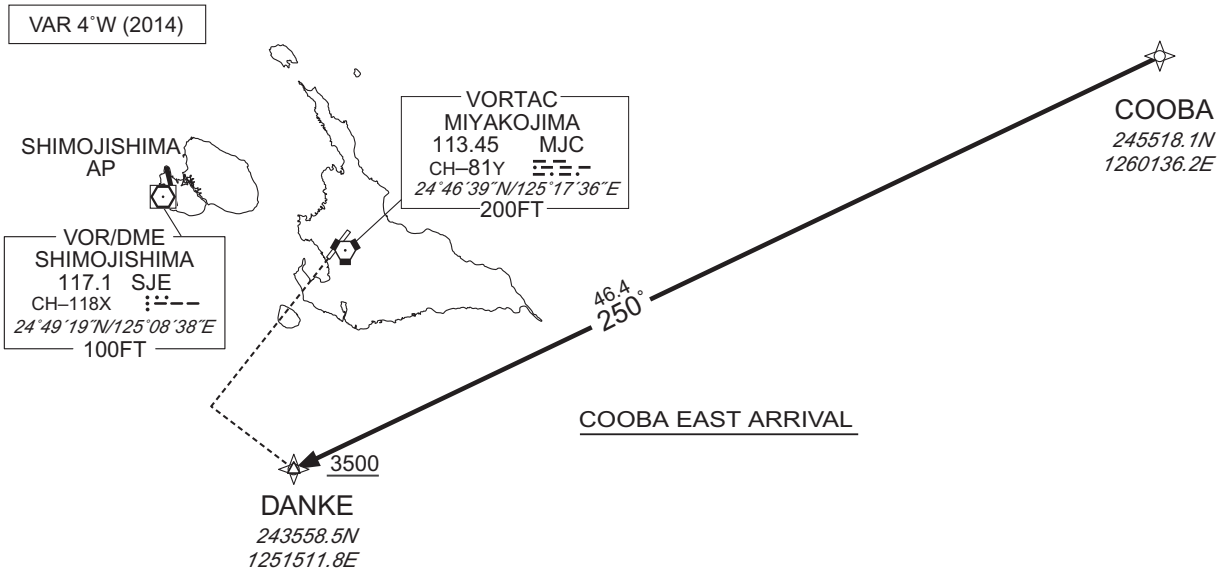


STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO RNAV STAR RWY04

COOBA EAST ARRIVAL	RNAV1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.



COOBA EAST ARRIVAL

From COOBA, to DANKE at or above 3500FT.

Critical DME	MJC, IGE : 18NM to DANKE - DANKE
DME GAP	COOBA - 18NM to DANKE
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

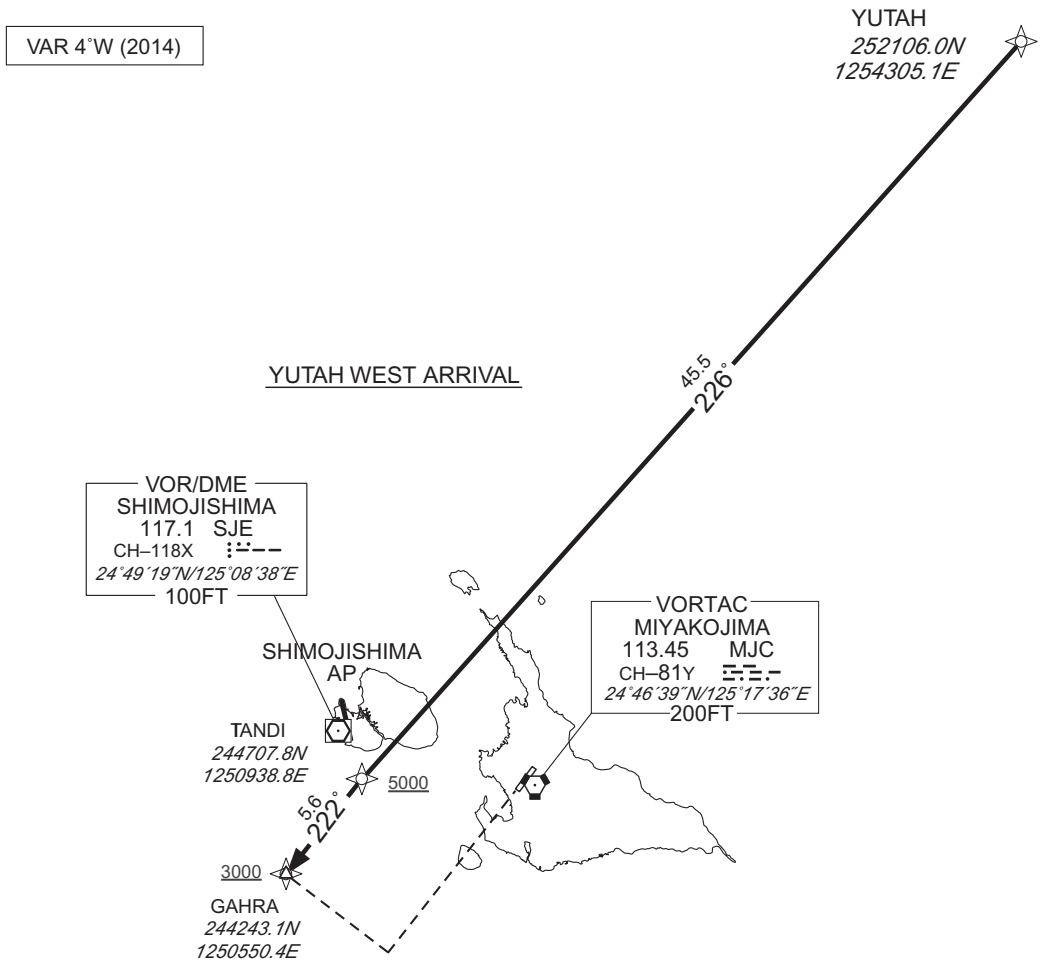
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	COOBA	—	—	-4.3	—	—	—	—	—	RNAV1
002	TF	DANKE	—	250 (245.5)	-4.3	46.4	—	+3500	—	—	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO RNAV STAR RWY04

YUTAH WEST ARRIVAL	RNAV1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.



YUTAH WEST ARRIVAL

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

Critical DME	MJC, IGE : 8NM to TANDI - TANDI
DME GAP	YUTAH - 8NM to TANDI TANDI - GAHRA
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

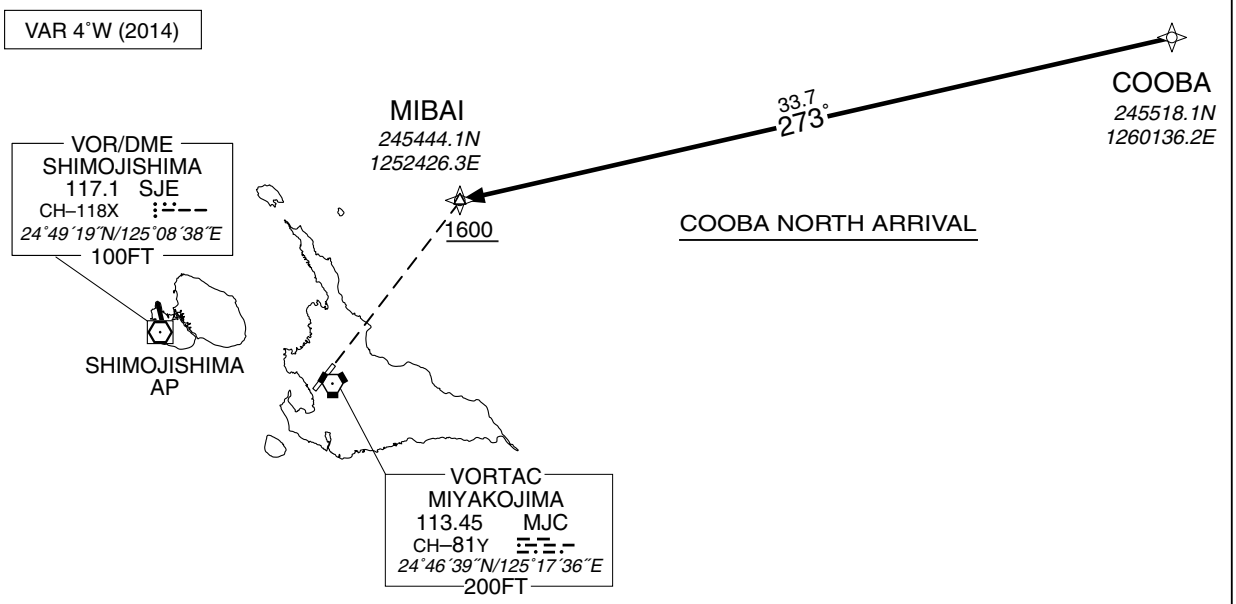
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	YUTAH	—	—	-4.3	—	—	—	—	—	RNAV1
002	TF	TANDI	—	226 (221.8)	-4.3	45.5	—	+5000	—	—	RNAV1
003	TF	GAHRA	—	222 (218.1)	-4.3	5.6	—	+3000	—	—	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO RNAV STAR RWY22

COOBA NORTH ARRIVAL	RNAV1

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



COOBA NORTH ARRIVAL

From COOBA, to MIBAI at or above 1600FT.

Critical DME	–
DME GAP	COOBA - 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	COOBA	—	—	-4.3	—	—	—	—	—	RNAV1
002	TF	MIBAI	—	273 (269.2)	-4.3	33.7	—	+1600	—	—	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

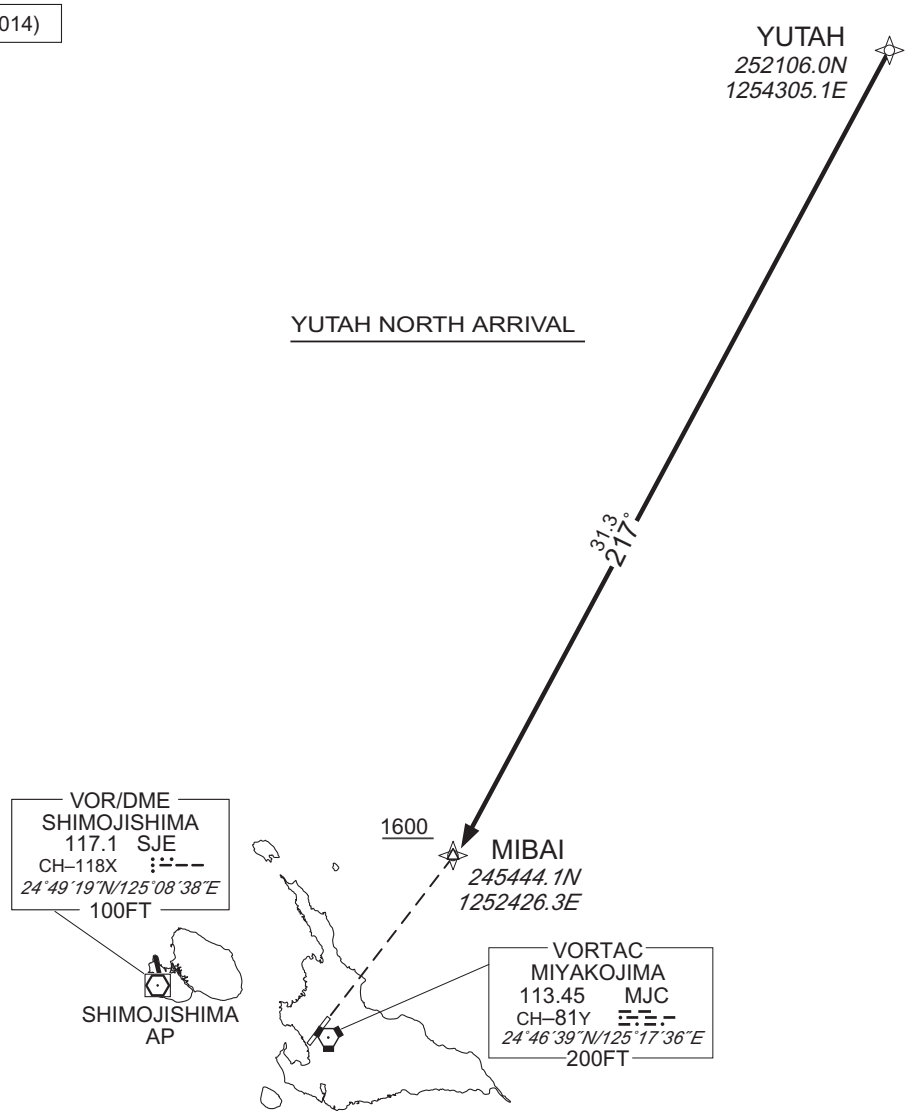
ROMY / MIYAKO

RNAV STAR RWY22

YUTAH NORTH ARRIVAL	RNAV1

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

VAR 4˚W (2014)



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

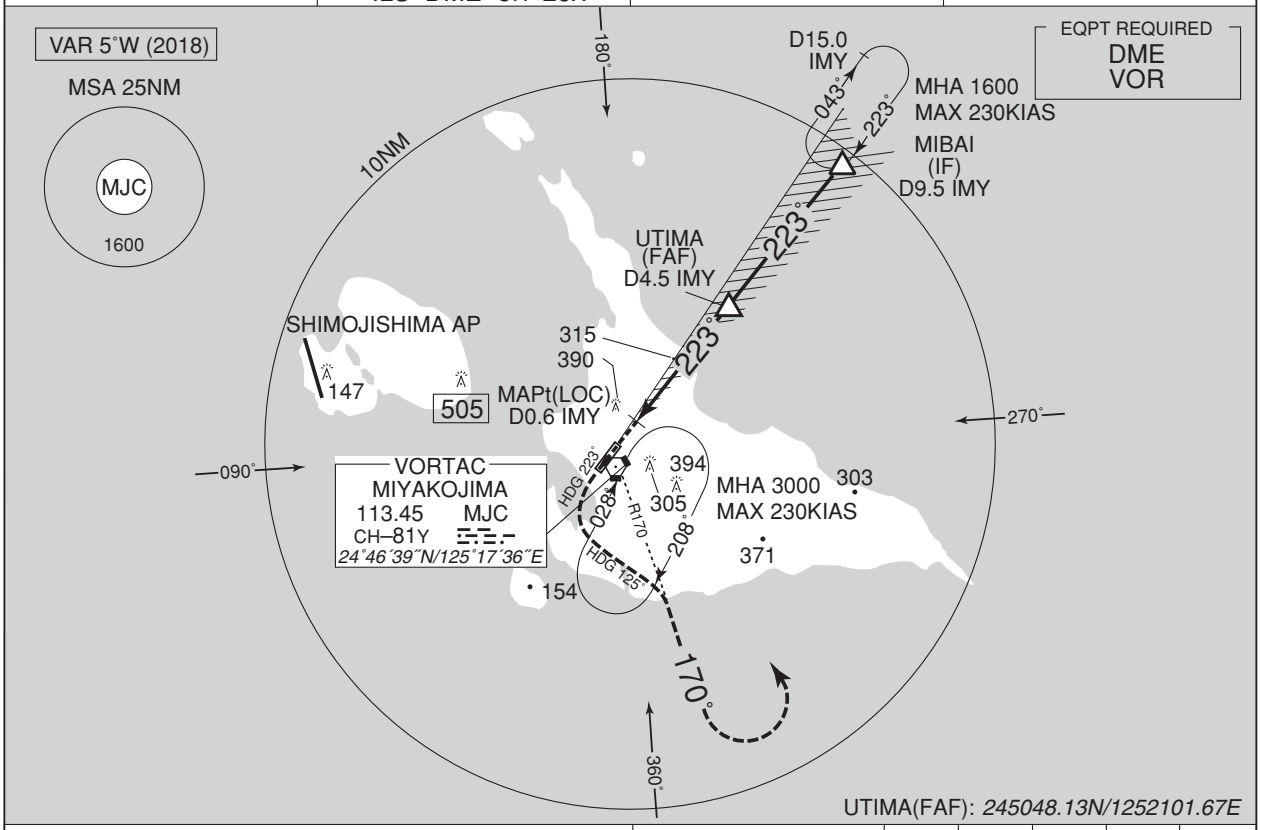
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	YUTAH	—	—	-4.3	—	—	—	—	—	RNAV1
002	TF	MIBAI	—	217 (212.7)	-4.3	31.3	—	+1600	—	—	RNAV1

CHANGE: ALT restriction added in Coding Table.

INSTRUMENT APPROACH CHART

ROMY / MIYAKO — ILS Z or LOC Z RWY22

SAKISHIMA APP	ILS - LOC	MIYAKO TOWER	RADAR AVBL
125.0 –121.2	108.9 IMY ILS–GP 329.3 ILS–DME CH–26X	118.2 –126.2	

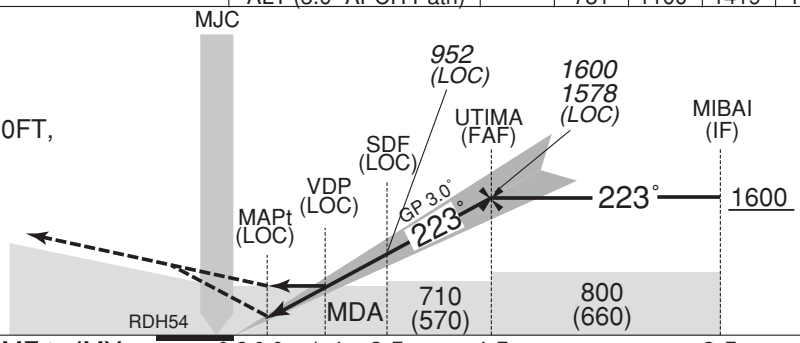


NM to IMY	MAPt	2	3	4	FAF
ALT (3.0˚ APCH Path)	–	781	1100	1419	1578

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.



DME to IMY	0.2	0.6	1.4	2.5	4.5	9.5
NM to THR	0	0.4	1.3	2.4	4.3	9.3

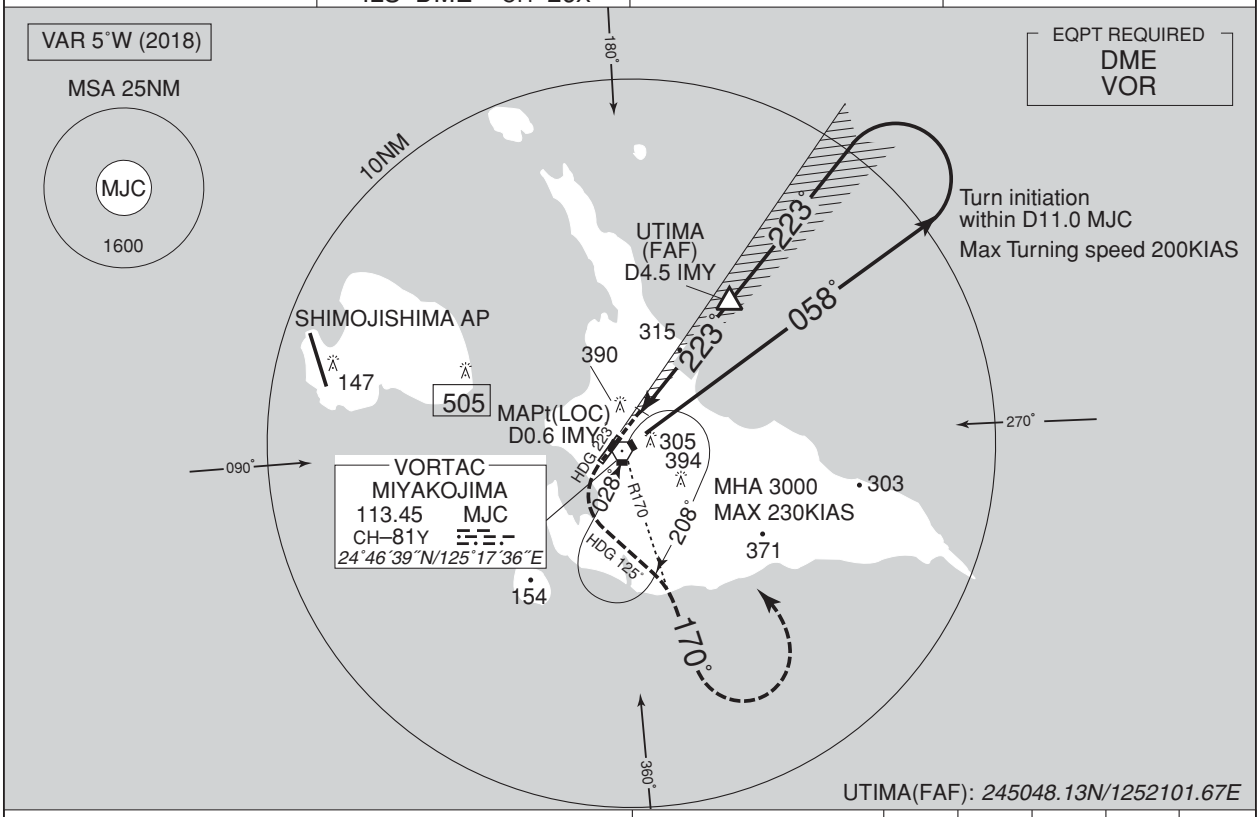
MINIMA — THR elev. 150 — AD elev. 140

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		
C						2400
D				1400		3200

INSTRUMENT APPROACH CHART

ROMY / MIYAKO — ILS Y or LOC Y RWY22

SAKISHIMA APP	ILS-LOC	MIYAKO TOWER	RADAR AVBL
125.0 –121.2	108.9 IMY ILS–GP 329.3 ILS–DME CH–26X	118.2 –126.2	

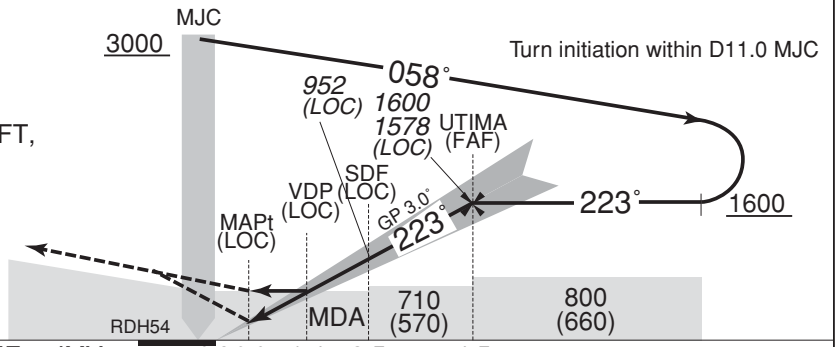


NM to IMY	MAPt	2	3	4	FAF
ALT (3.0˚ APCH Path)	–	781	1100	1419	1578

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.



DME to IMY	0.2	0.6	1.4	2.5	4.5
NM to THR	0	0.4	1.3	2.4	4.3

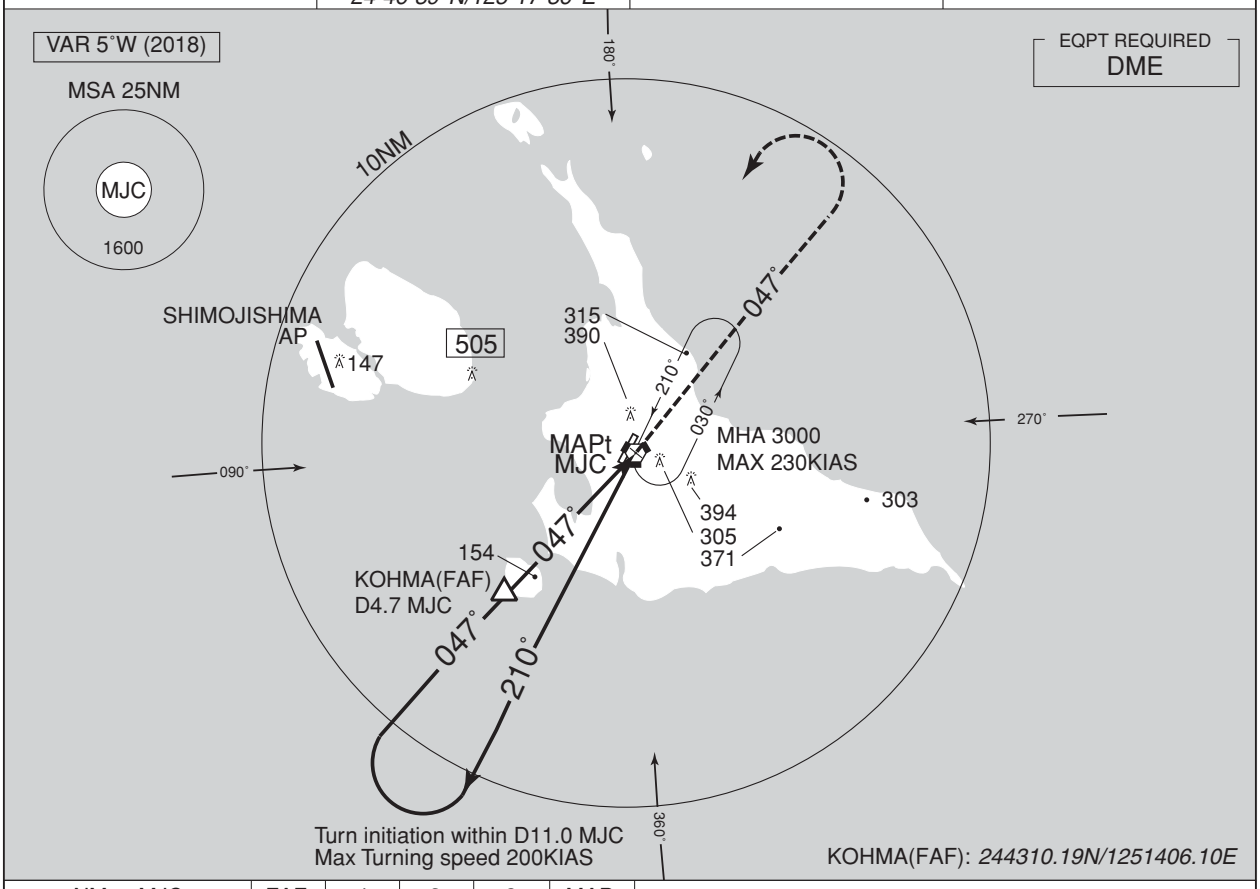
MINIMA THR elev. 150 AD elev. 140

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		
C						2400
D				1400		3200

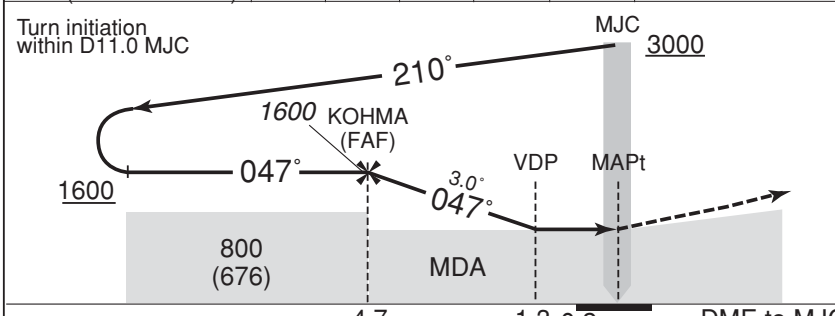
INSTRUMENT APPROACH CHART

ROMY / MIYAKO — VOR RWY04

SAKISHIMA APP	MIYAKOJIMA VORTAC	MIYAKO TOWER	RADAR AVBL
125.0 –121.2	113.45 MJC CH–81Y *24˚46´39˝N/125˚17´36˝E*	118.2 –126.2	



NM to MJC	FAF	4	3	2	MAPt
ALT (3.0˚ APCH Path)	1600	1374	1055	737	–



MISSED APPROACH

Climb via MJC R047 to 2000FT, turn left, direct to MJC VORTAC and hold at 3000FT.
Contact SAKISHIMA APP.

Timing not authorized for defining the MAPt.

4.7	1.3	0.2		DME to MJC
4.5	1.1	0		NM to THR

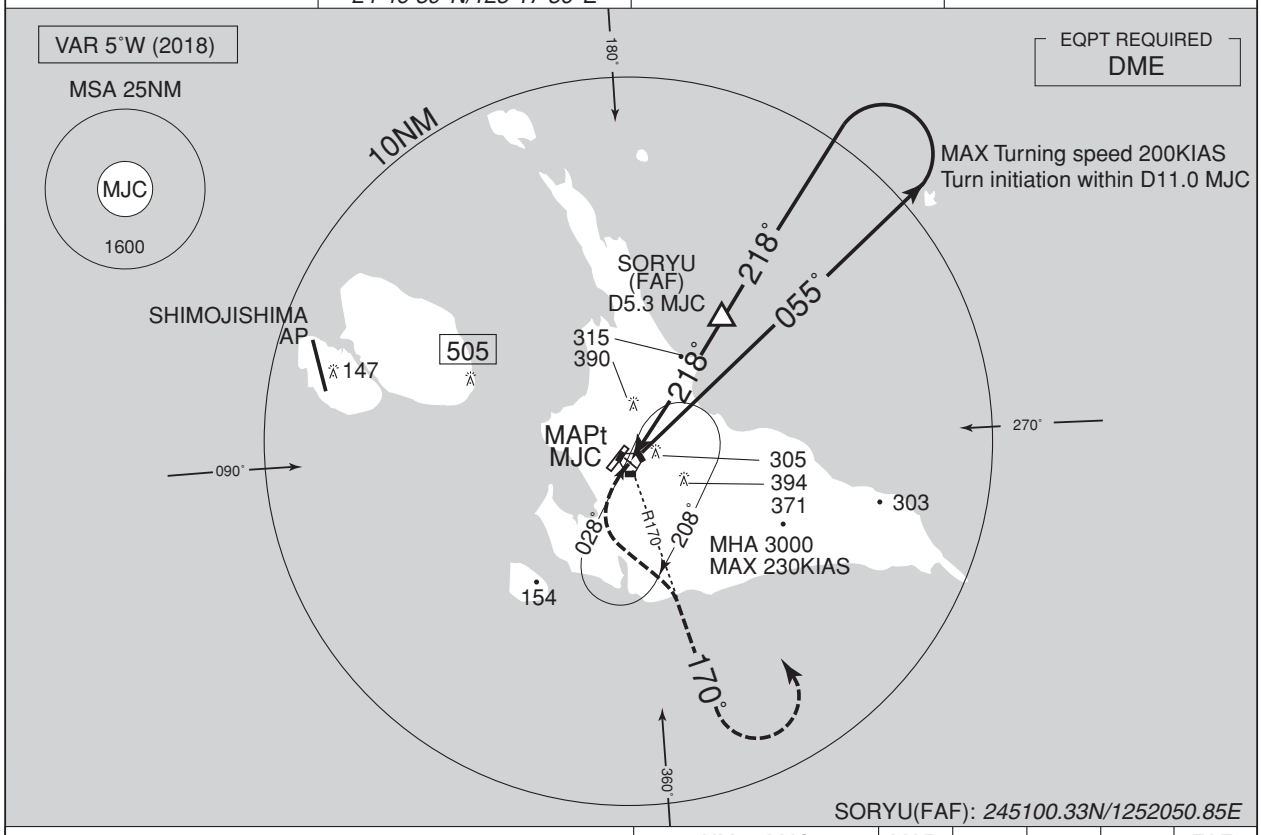
MINIMA — THR elev. 124 — AD elev. 140

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	510 (386)	1200	710 (570)	1600
B		1300		
C		1400		2400
D		1600		3200

INSTRUMENT APPROACH CHART

ROMY / MIYAKO VOR RWY22

SAKISHIMA APP	MIYAKOJIMA VORTAC	MIYAKO TOWER	RADAR AVBL
125.0 –121.2	113.45 MJC CH–81Y *24˚46´39˝N/125˚17´36˝E*	118.2 –126.2	

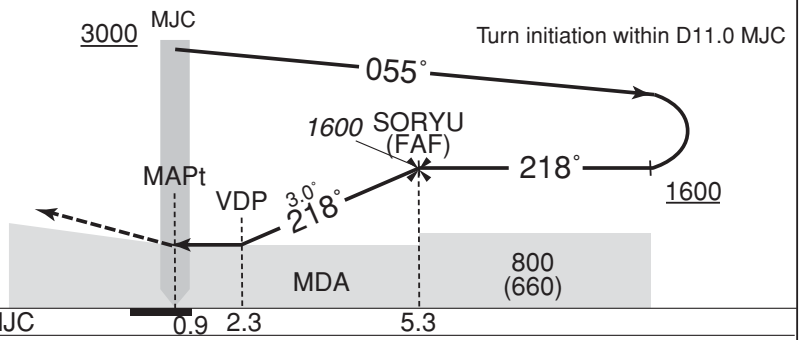


NM to MJC	MAPt	3	4	5	FAF
ALT (3.0˚ APCH Path)	–	881	1200	1518	1600

MISSED APPROACH

Turn left, climb 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.



DME to MJC	0.9	2.3	5.3
NM to THR	0	1.5	4.4

MINIMA	THR elev. 150		AD elev. 140	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	640 (500)	1000	710 (570)	1600
B		1200		
C				2400
D		1600		3200

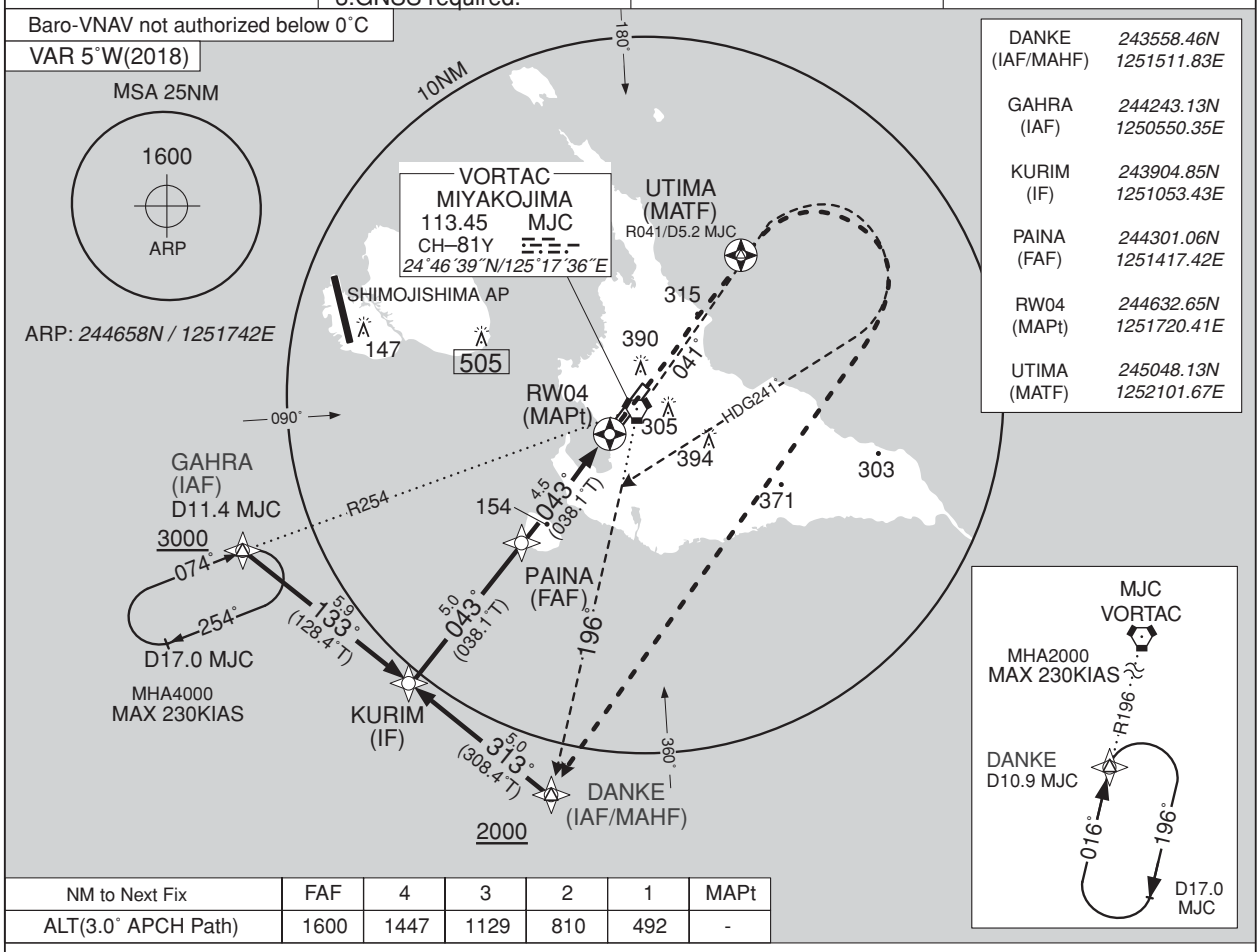
INSTRUMENT APPROACH CHART

ROMY / MIYAKO — RNAV(GNSS) Z RWY04

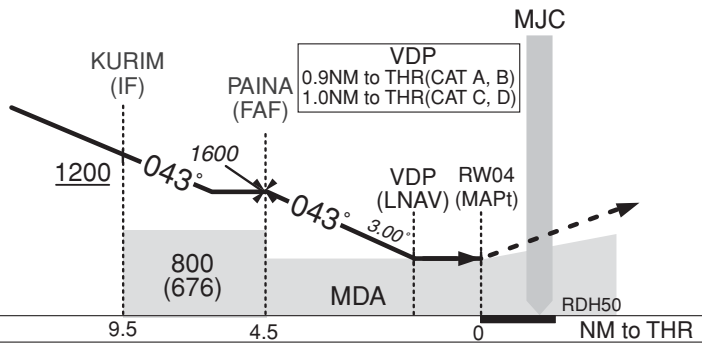
SAKISHIMA APP		MIYAKO TOWER	RADAR AVBL
125.0 –121.2	1.DME/DME not authorized. 2.RADAR service required. 3.GNSS required.	118.2 –126.2	

Baro-VNAV not authorized below 0˚C

VAR 5˚W(2018)



NM to Next Fix	FAF	4	3	2	1	MAPt
ALT(3.0˚ APCH Path)	1600	1447	1129	810	492	-



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

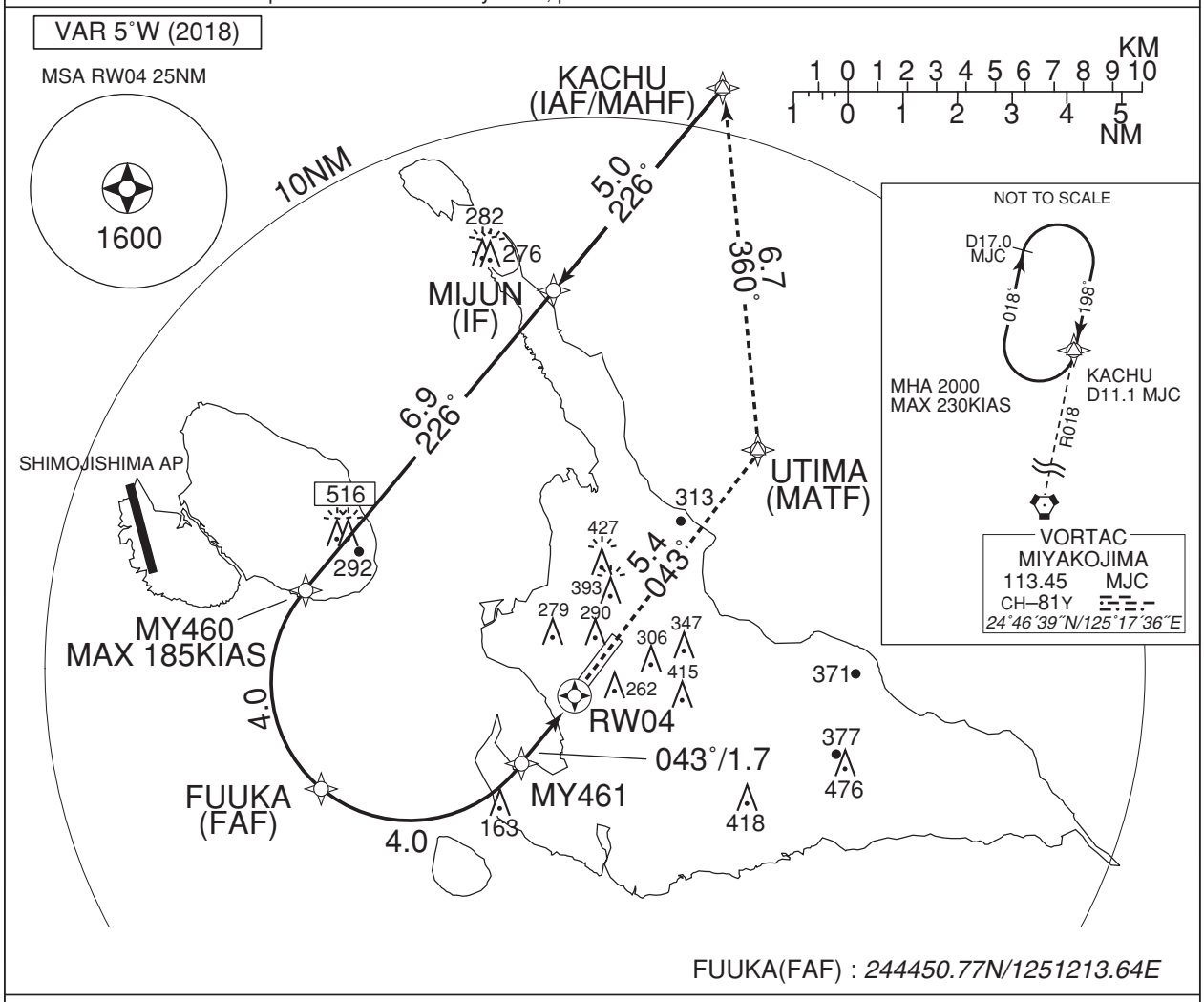
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	460(336)	1200	460(336)	1200	710(570)	1600
B		1300		1300		
C	480(356)	1400	480(356)	1400		2400
D		1600		1600		3200

INSTRUMENT APPROACH CHART

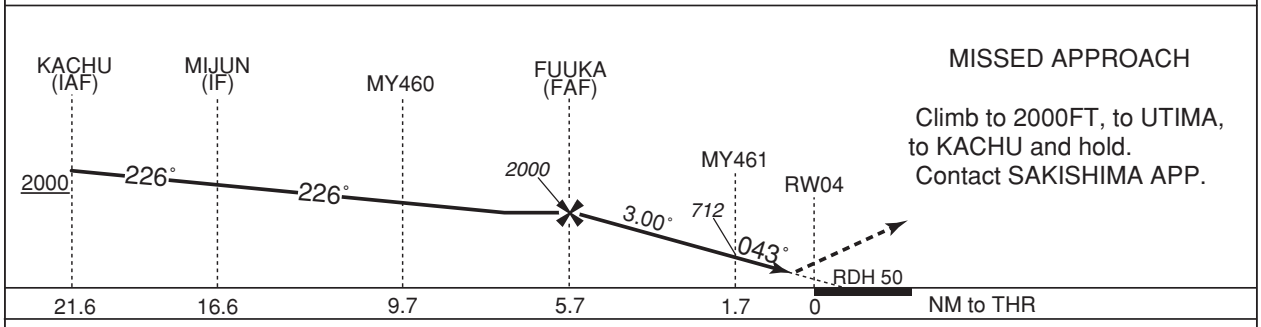
ROMY / MIYAKO — RNAV(RNP) Y RWY04

SAKISHIMA APP	GNSS and RF required.	MIYAKO TOWER	RADAR AVBL
125.0 –121.2		118.2 –126.2	

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



FUUKA(FAF) : *244450.77N/1251213.64E*



MISSED APPROACH

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

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 RWY04

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	–	–	-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

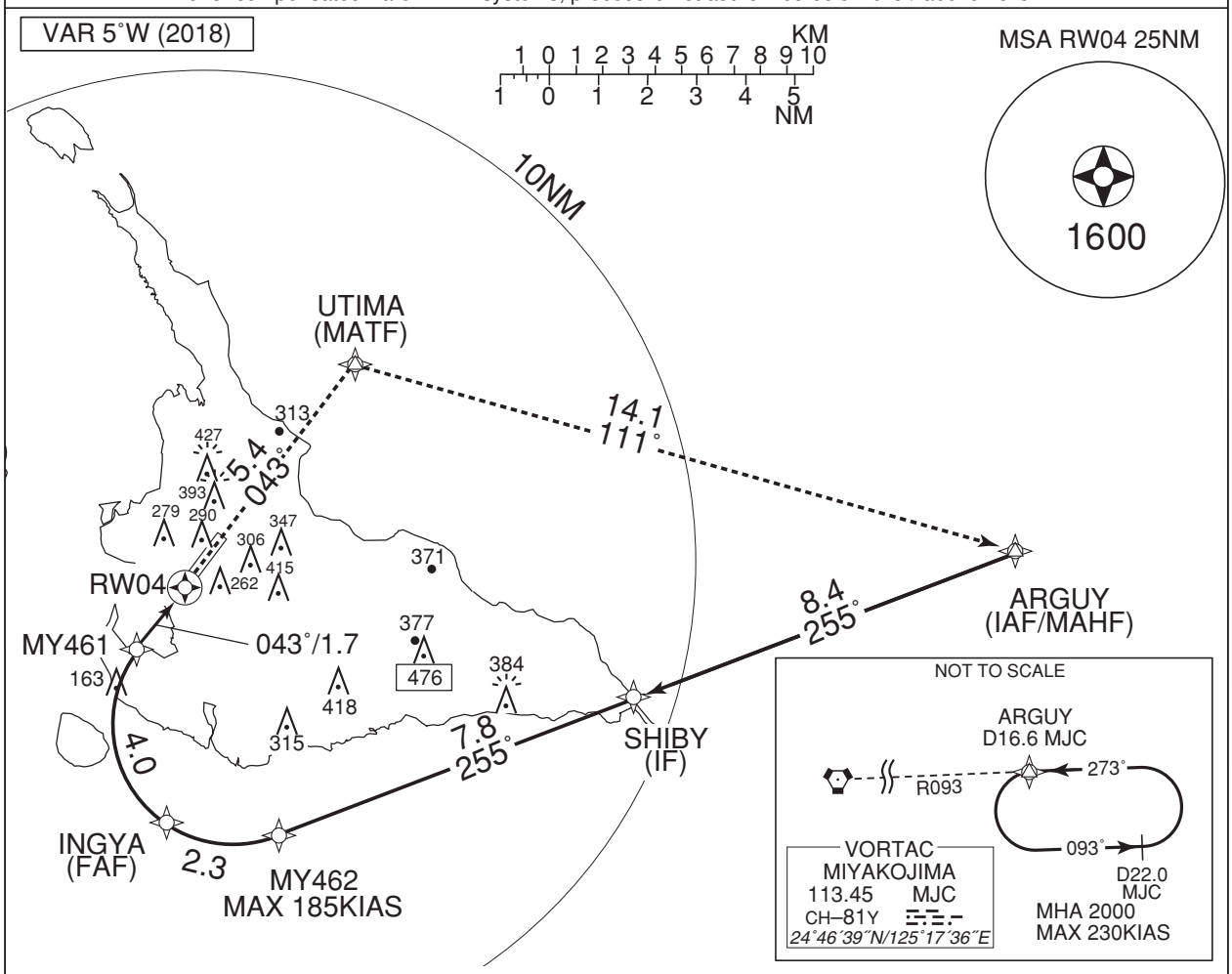
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KACHU	*245726.14N/1252027.95E*	MYRF1	*244646.77N/1251400.81E*
MIJUN	*245338.80N/1251651.84E*		
MY460	*244826.09N/1251155.10E*		
FUUKA	*244450.77N/1251213.64E*		
MY461	*244512.72N/1251611.26E*		
RW04	*244632.65N/1251720.41E*		
UTIMA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

INSTRUMENT APPROACH CHART

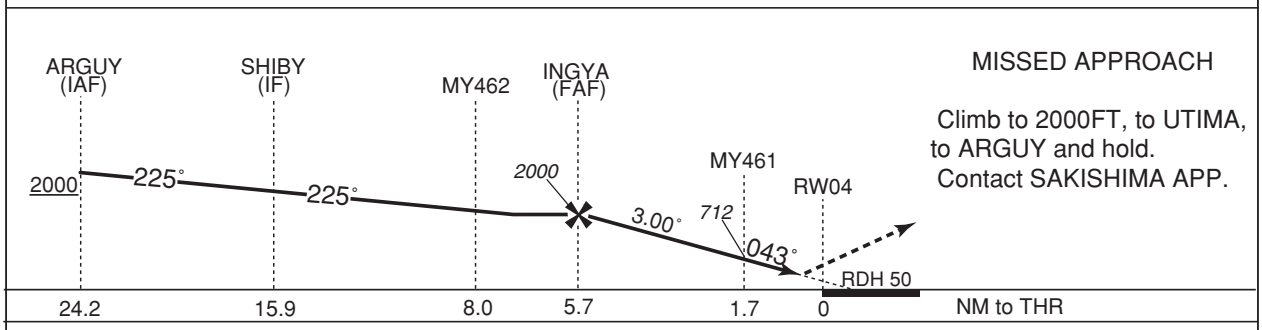
ROMY / MIYAKO — RNAV(RNP) X RWY04

SAKISHIMA APP	GNSS and RF required.	MIYAKO TOWER	RADAR AVBL
125.0 –121.2		118.2 –126.2	

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



INGYA(FAF) : *244138.41N/1251647.53E*



MISSED APPROACH

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

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) X RWY04

RNAV(RNP) X RWY04

Coding Table

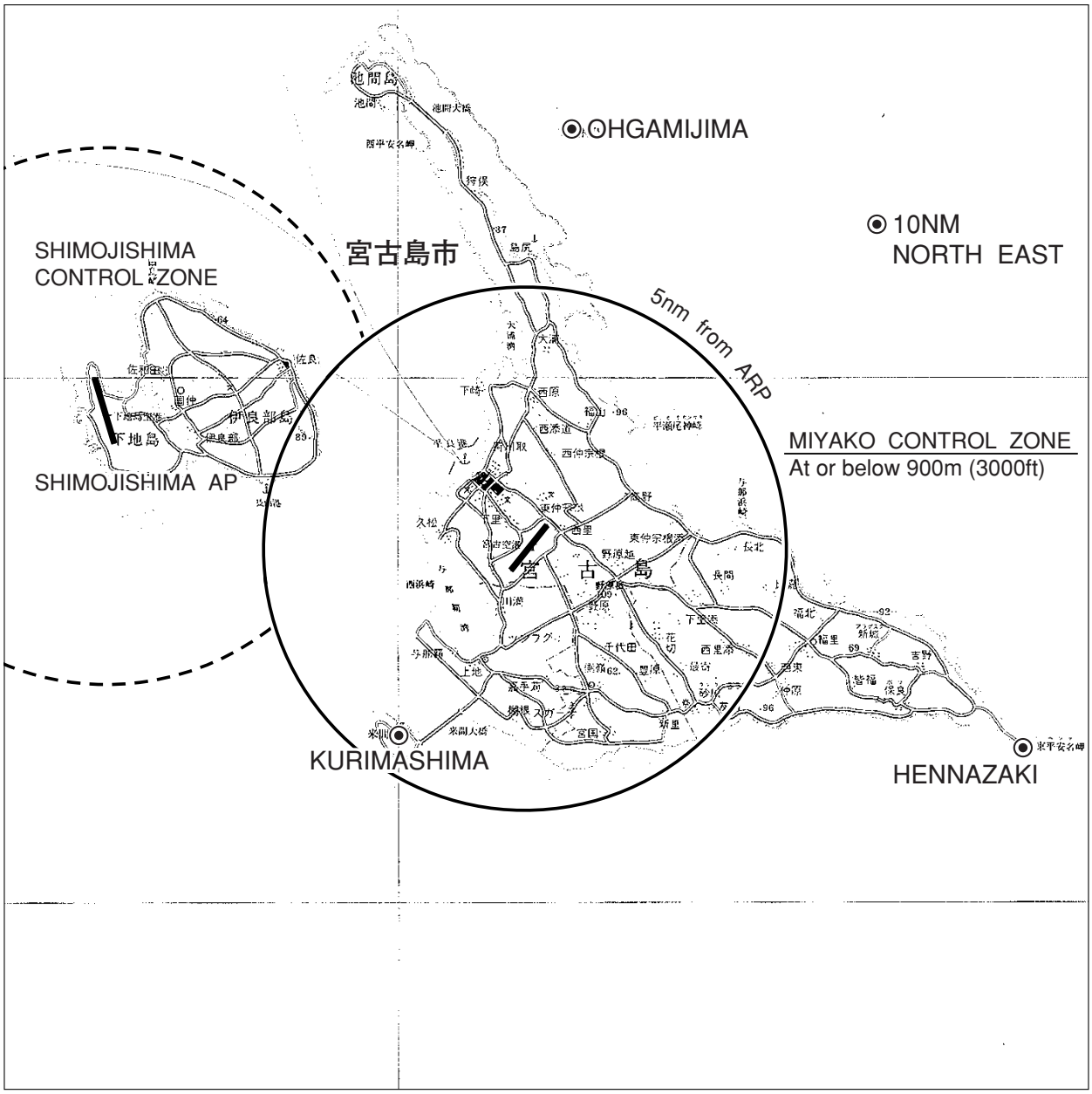
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (˚/FT)	RNP Value
001	IF	ARGUY	–	–	-4.8	–	–	+2000	–	–	–
002	TF	SHIBY	–	255 (250.0)	-4.8	8.4	–	–	–	–	1.0
003	TF	MY462	–	255 (250.0)	-4.8	7.8	–	+2000	-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*		

ROMY / MIYAKO

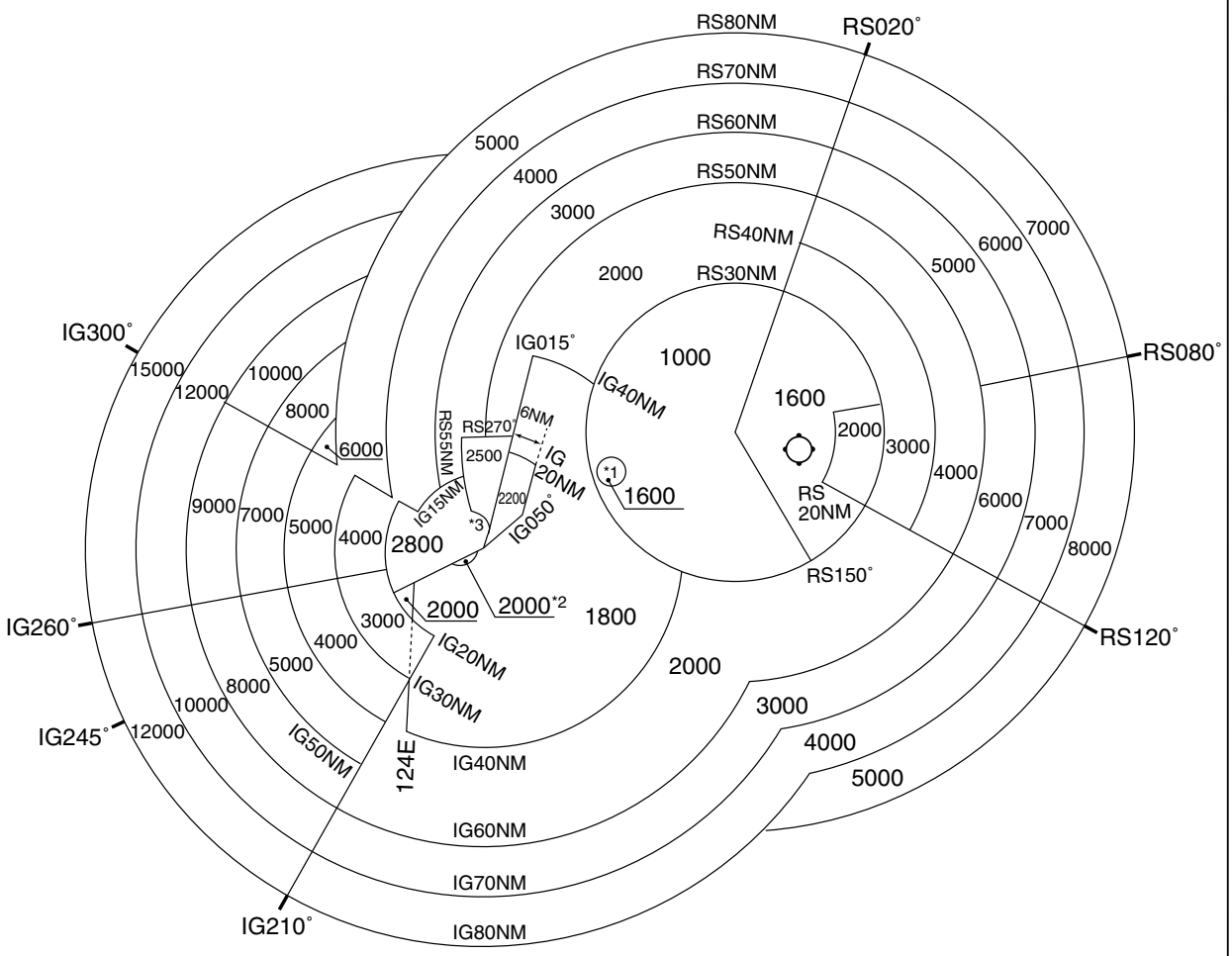
Visual REP



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