

## AD 2 AERODROMES

## ROMY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## ROMY - MIYAKO

## ROMY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	244658N 1251742E 038°/1.0km from RWY 04 THR
2	Direction and distance from (city)	
3	Elevation/ Reference temperature	140ft / 32°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	94ft
5	MAG VAR/ Annual change	5° W(2022)/7°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Okinawa Pref. Public AP. 1657-128 Aza-Shimozato, Hirara, Miyakojima-city, Okinawa Tel 0980-72-4127 Fax 0980-72-1958
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

## ROMY AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1200
2	Customs and immigration	On request Customs: 0980-72-2310 Immigration: 0980-72-3440
3	Health and sanitation	Quarantine(human): On request(0980-73-5115) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NAHA)
7	ATS	2300 - 1200
8	Fuelling	On request
9	Handling	Ask AD administration
10	Security	Ask AD administration
11	De-icing	Nil
12	Remarks	Nil

**ROMY AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Conveyer belt, Lift for loading etc
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Tanker truck-refueling system
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**ROMY AD 2.5 PASSENGER FACILITIES**

1	Hotels	Hotels in Miyakojima city
2	Restaurants	At airport In Miyakojima city
3	Transportation	Buses and Taxi
4	Medical facilities	Hospital 2.5km from airport
5	Bank and Post Office	At airport Bank in Miyakojima city / Post Office in Miyakojima city
6	Tourist Office	At airport In Miyakojima city
7	Remarks	Nil

**ROMY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	Fire protection ; Scale of protection ICAO required : CAT 8 Available : CAT 8
2	Rescue equipment	Chemical fire fighting truck x 3
3	Capability for removal of disabled aircraft	Incapable
4	Remarks	Nil

**ROMY AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Not Applicable
2	Clearance priorities	Not Applicable
3	Remarks	Nil

## ROMY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Cement-concrete Strength : PCR 830/R/B/W/T
2	Taxiway width, surface and strength	Width : 30m Surface : Asphalt-concrete Strength : T1:PCR 932/F/C/X/T, T2:PCR 1104/F/D/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1': 244650.84N 1251752.38E 2': 244649.82N 1251750.13E 3 : 244648.45N 1251750.11E 5 : 244647.05N 1251748.81E 6 : 244645.70N 1251747.44E
6	Remarks	Nil

## ROMY AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:04/22 (Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL, RWY middle point (LGT) RCLL, REDL, RTHL, RENL, WBAR, Turning point indicator LGT  TWY: (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

B-767型機用の滑走路180° 旋回用標識(灯火)及び実施要項

付図に示す転回灯1が一直線に見えるように進行し、転回灯2が一直線に見えた時転回を開始する。

転回時はMAX STEERING ANGLEを使用する。

Marking(Lights)for 180° turn on runway of B-767 aircraft and Procedure using the Marking

Proceed along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Light 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Light 2 on a straight line at an angle of 9 o'clock. When turning, take MAX STEERING ANGLE.



## ROMY AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/LGT	Remarks
RWY22	Concrete tank	244739.0N/1251816.0E	183ft	- / LIL	under approach surface
RWY22	Concrete tank	244740.0N/1251815.0E	182ft	- / -	under approach surface

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/LGT	Remarks
Building	244732.5N/1251801.6E	179ft	- / LIL	under transitional surface
Tower	244815.1N/1251758.2E	390ft	Marking / LIL	above horizontal surface
Building	244649.0N/1251726.1E	147ft	- / LIL	under transitional surface

## ROMY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NAHA
2	Hours of service MET Office outside hours	H24 (NAHA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at NAHA
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW(domestic)</sub> , E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information(limitation of service, etc.)	Nil

ROMY AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCR) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	038.31°	2000×45	PCR 1207/F/A/X/T Asphalt-concrete	244632.65N 1251720.41E 93.5ft	THR ELEV: 124ft
22	218.31°	2000×45	PCR 1207/F/A/X/T Asphalt-concrete	244723.66N 1251804.56E 93.7ft	THR ELEV: 149.9ft TDZ ELEV: 149.9ft
Slope of RWY		Strip Dimensions(M)	RESA (Overrun) Dimensions (M)		Remarks
7		10	11		14
See AD2.24 AD chart		2120×300	43×305		RWY Grooving:2000m×30m
		2120×300	192×(MNM:140 MAX:284)* *For detail, ask airport administrator		

ROMY AD 2.13 DECLARED DISTANCES

	TORA	TODA	ASDA	LDA	
RWY Designator	(m)	(m)	(m)	(m)	Remarks
1	2	3	4	5	6
04	2000	2000	2000	2000	Nil
22	2000	2000	2000	2000	Nil

ROMY AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
04	SALS (*1) 420m LIH	Green Green	PAPI 3.0°/Left 373.4m 61ft	-	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
22	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0° /Left 385.8m 61ft	900m	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
Remarks								
10								
SALS with APCH LGT beacon (600m and 900m FM RWY THR ) (*1) Overrun area edge LGT(LEN:60m color:Red) (*2)								

## ROMY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 244648N/1251757E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer : RWY 04 : 374m from RWY 04 THR, lighted RWY 22 : 386m from RWY 22 THR, lighted
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch-over time	Within 1 sec: REDL, RENL, RTHL, WBAR, RCLL, Turning point indicator LGT and Overrun area edge LGT Within 15 sec: other LGT
5	Remarks	WDI LGT

## ROMY AD 2.16 HELICOPTER LANDING AREA

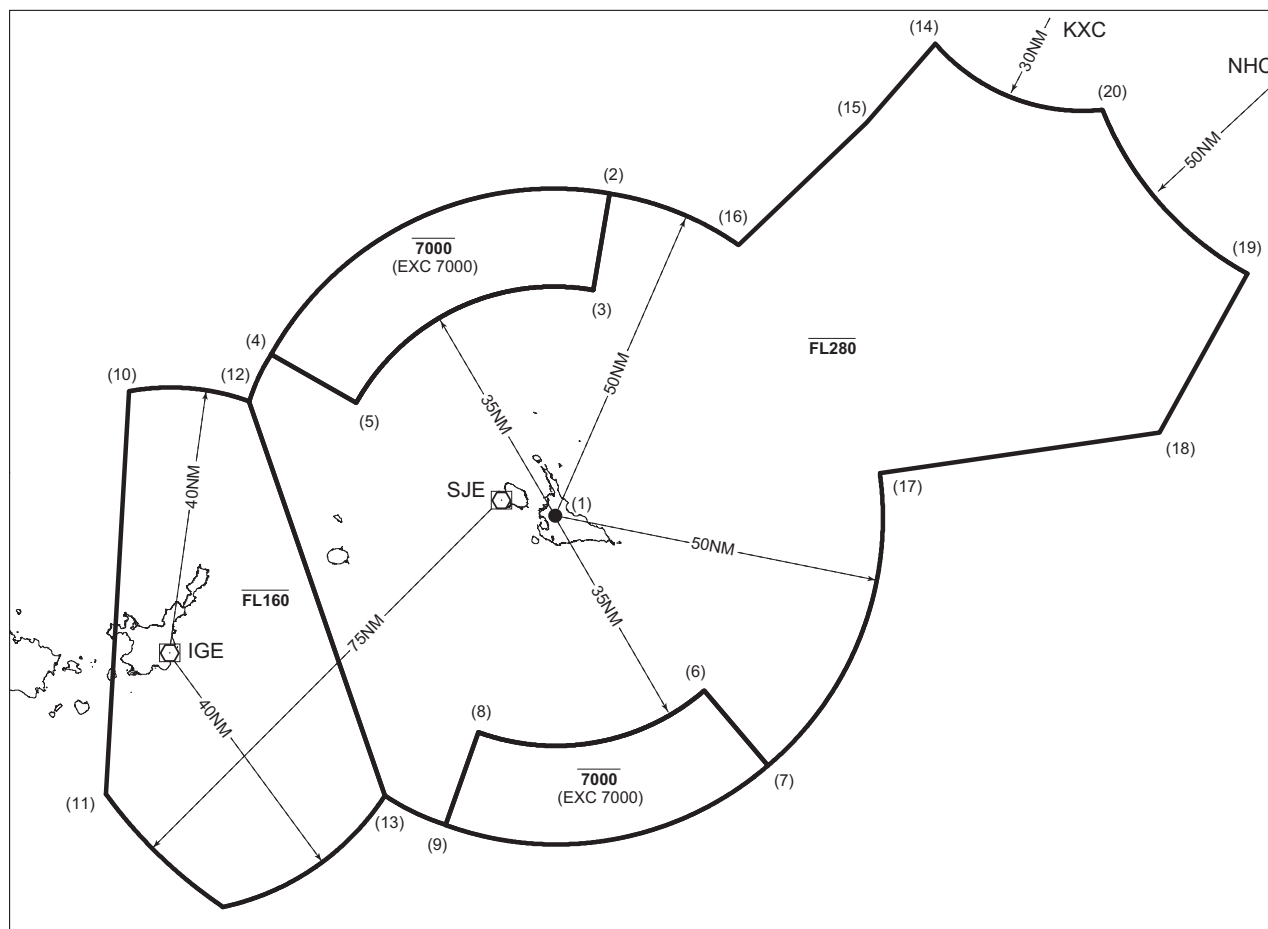
Nil
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## ROMY AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Miyako CTR	Area within a radius of 5nm of MIYAKO ARP	3,000 or below	D	Miyako TWR En	
Sakishima ACA	See attached chart		E	Sakishima APP Sakishima DEP Sakishima RADAR En	

## 先島進入管制区

Sakishima Approach Control Area



## Point list

(1) 244710N/1251804E	(6) 242129N/1254412E	(11) 240115N/1240528E	(16) 252950N/1254656E
(2) 253653N/1252449E	(7) 241026N/1255520E	(12) 250224N/1242547E	(17) 245546N/1261211E
(3) 252158N/1252247E	(8) 241337N/1250654E	(13) 240315N/1245147E	(18) 250319N/1265857E
(4) 250946N/1242903E	(9) 235914N/1250208E	(14) 260147N/1261857E	(19) 252801N/1271300E
(5) 250301N/1244347E	(10) 250256N/1240531E	(15) 254921N/1260746E	(20) 255229N/1264740E

## ROMY AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Miyako Tower	118.2MHz(1) 126.2MHz	2300 - 1200	(1)Primary
APP/ASR	Sakishima Approach/ Sakishima Radar	125.0MHz(1) 121.2MHz 120.3MHz 133.7MHz 315.7MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1200	APP service provided by Sakishima APP
DEP	Sakishima Departure	125.0MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1200	



## ROMY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (4°W/2013)	MJC	113.45MHz	H24	244638.61N/ 1251736.27E		
TACAN	MJC	1042MHz (CH-81Y)	H24	244637.24N/ 1251735.33E	152ft	TACAN AZM unusable: 050° - 060° beyond 20nm BLW 3000ft. 060° - 090° beyond 30nm BLW 3000ft. 090° - 110° beyond 25nm BLW 3000ft. 110° - 130° beyond 30nm BLW 3000ft. 130° - 160° beyond 35nm BLW 3000ft.
ILS-LOC 22	IMY	108.9MHz	2300 - 1200	244626.65N/ 1251715.21E		LOC: 235m(771ft) away FM RWY 04 THR, BRG(MAG) 223°
ILS-GP 22	-	329.3MHz	2300 - 1200	244713.24N/ 1251800.99E		GP: 315m(1033ft) inside FM RWY 22 THR. 120m(394ft) SE of RCL Angle 3.0°, HGT of ILS Ref datum 16.5m(54ft)
ILS-DME 22	IMY	987MHz	2300 - 1200	244712.74N/ 1251801.01E	163ft	DME: 325m(1066ft) inside FM RWY 22 THR. 130m(427ft) SE of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based



REMARKS : 1. ILS-LOC beam BRG(MAG) 223°  
2. HGT of ILS REF datum 16.5m(54ft)  
3. ILS-GP Angle 3.0°

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**ROMY AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

Nil
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## 2. Taxiing to and from stands

Nil
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## 3. Parking area for small aircraft(General aviation)

Nil
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## 4. Parking area for helicopters

Nil
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## 5. Apron - taxiing during winter conditions

Nil
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## 6. Taxiing - limitations

Nil
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## 7. School and training flights - technical test flights - use of runways

Nil
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## 8. Helicopter traffic - limitation

Nil
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## 9. Removal of disabled aircraft from runways

Nil
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## ROMY AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

## ROMY AD 2.22 FLIGHT PROCEDURES

**1. Lost communication procedures for arrival aircraft under radar navigational guidance**

If radio communications with Sakishima Approach/Radar are lost for one minute, squawk Mode A/3 Code 7600 and:

- 1) Contact Miyako Tower.
- 2) If unable, proceed in accordance with visual flight rules.
- 3) If unable, proceed to Miyakojima VORTAC at the last assigned altitude, or 3,000 feet whichever is higher, and execute instrument approach.

Note: Procedures other than above will be issued when situation requires.

**2. TAKE OFF MINIMA**

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	04	A,B,C,D	-	400m	-	400m	-	500m
	22	A,B,C,D	400m	400m	400m	400m	-	500m
OTHER	04	A,B,C,D	AVBL LDG MINIMA					
	22	A,B,C,D						

**3. Trajectorized Airport Traffic Data Processing System (TAPS)**

先島アプローチの指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対しその旨通報すること。

Aircraft flying under control of Sakishima approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft with non-discrete code capability be instructed to reply with the discrete code, it shall report a controller accordingly.

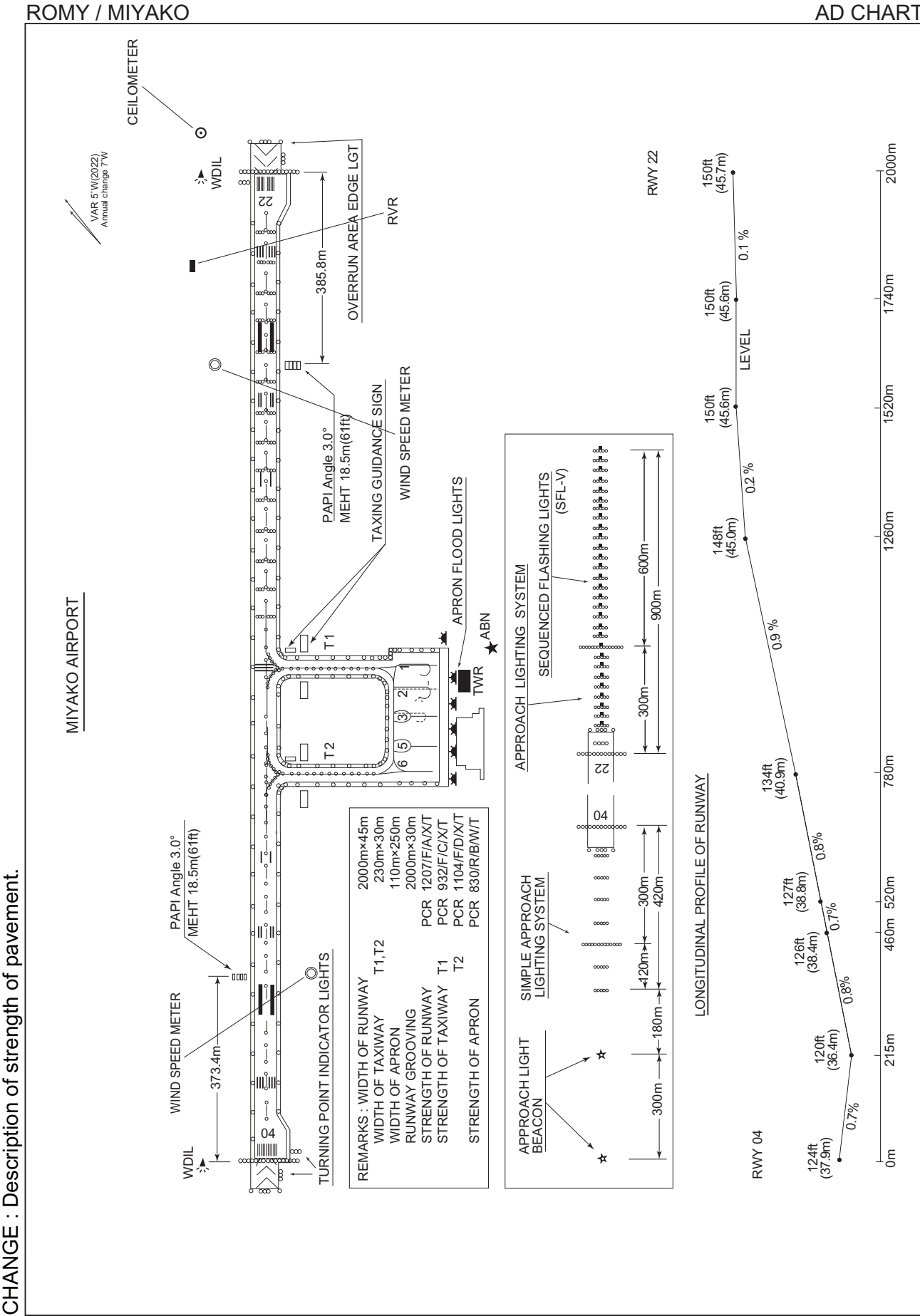
## ROMY AD 2.23 ADDITIONAL INFORMATION

Nil

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**ROMY AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (UMAKI-RNAV)  
Standard Departure Chart - Instrument (FREED-RNAV)  
Standard Departure Chart - Instrument (NAHA, WEST)  
Standard Arrival Chart - Instrument (YUTAH WEST-RNAV)  
Standard Arrival Chart - Instrument (YUTAH NORTH-RNAV)  
Instrument Approach Chart (ILS Z or LOC Z RWY22)  
Instrument Approach Chart (ILS Y or LOC Y RWY22)  
Instrument Approach Chart (VOR RWY04)  
Instrument Approach Chart (VOR RWY22)  
Instrument Approach Chart (RNP Z RWY04)  
Instrument Approach Chart (RNP Y RWY04 (AR))  
Instrument Approach Chart (RNP X RWY04 (AR))  
Other Chart (Visual REP)  
Other Chart (MVA CHART)



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### STANDARD DEPARTURE CHART -INSTRUMENT

## RNAV SID and TRANSITION

<b>UMAKI TWO DEPARTURE</b> <b>JOTTO TRANSITION / YUNTA TRANSITION</b>	<b>RNP1</b>
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Note GNSS required.

VAR 5°W (2021)

**VOR/DME ISHIGAKIJIMA**  
115.4 IGE  
CH-101X  
24°23'46"N/124°14'17"E  
200FT

**VOR/DME SHIMOJISHIMA**  
117.1 SJE  
CH-118X  
24°49'19"N/125°08'38"E  
100FT

**VORTAC MIYAKOJIMA**  
113.45 MJC  
CH-81Y  
24°46'39"N/125°17'36"E  
200FT

**YUNTA TRANSITION**  
YUNTA  
243329.9N  
1242223.3E  
3000

**JOTTO TRANSITION**  
JOTTO  
241438.3N  
1240729.7E  
3000

**UMAKI TWO DEPARTURE**  
UMAKI  
243721.7N  
1245115.0E  
3000

**WAIDO**  
244131.8N  
1251948.5E  
3000

**YAIMA**  
241144.3N  
1241157.5E  
3000

**TARAMA AP**

**NEW ISHIGAKI AP**

**SHIMOJISHIMA AP**

MAX 230KIAS

26.5° 267°

44.0° 240°

26.3° 266°

5.0 311°

700

600

223

043

**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.

CHANGE : Navigation Specification(Basic RNP1  $\rightarrow$  RNP1).

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

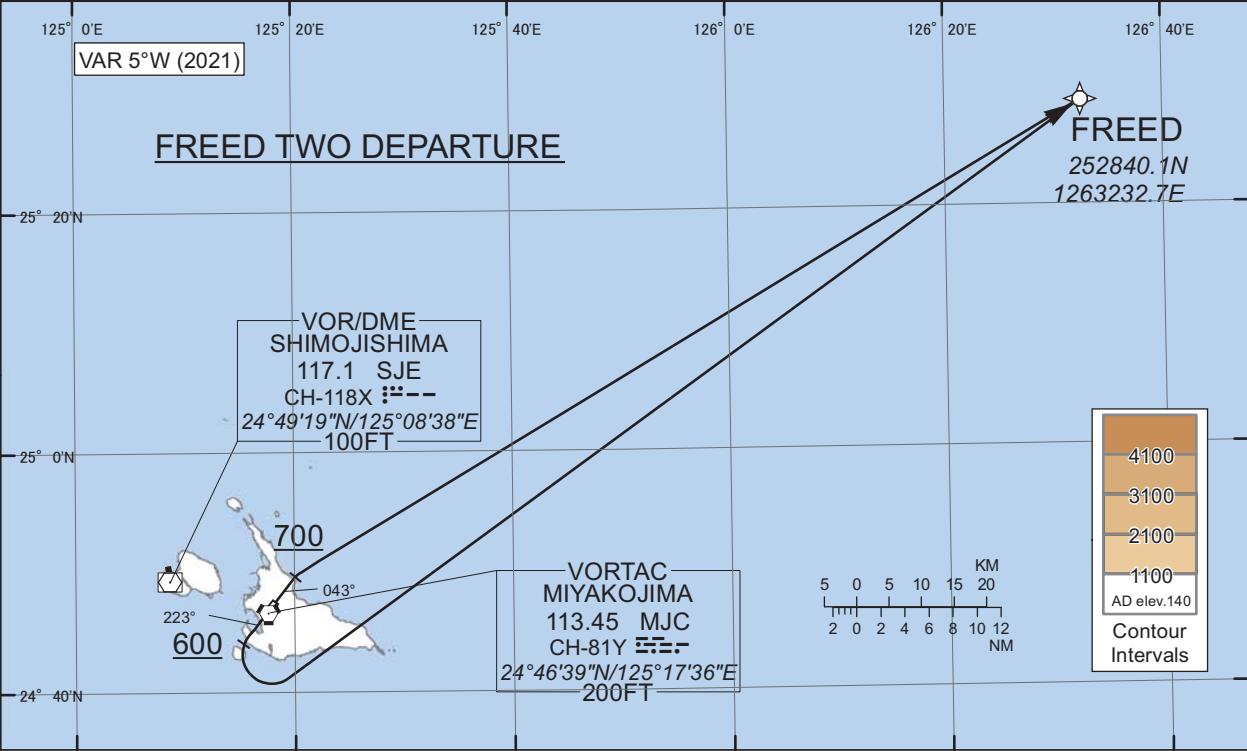
ROMY / MIYAKO

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.

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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

## 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

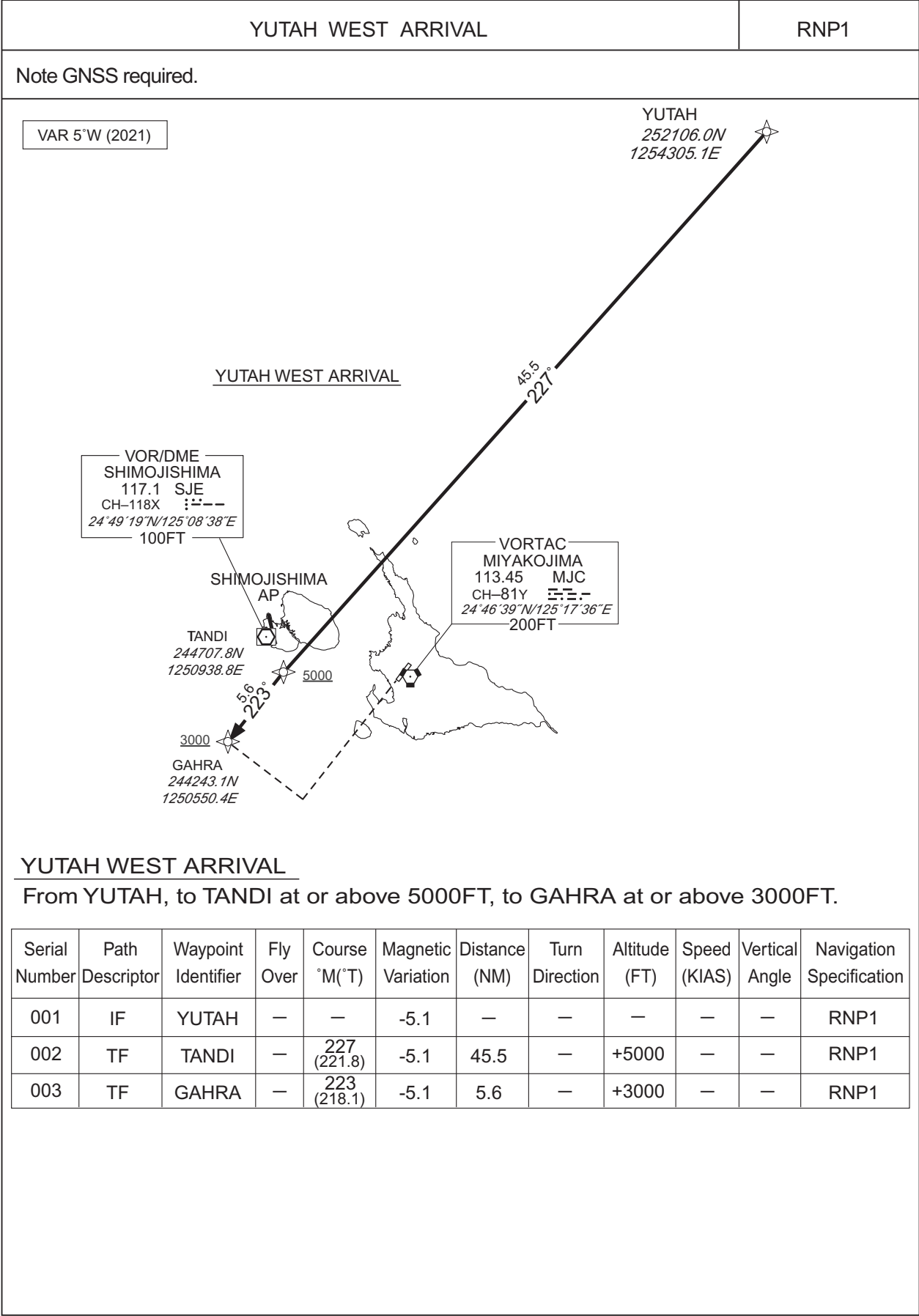
RWY 04 : Climb RWY HDG to 700FT, turn right...  
RWY 22 : Climb RWY HDG to 600FT, turn right...  
... to intercept and proceed via MJC R253 to SHUJI.  
Cross SHUJI at or above 3000FT.



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

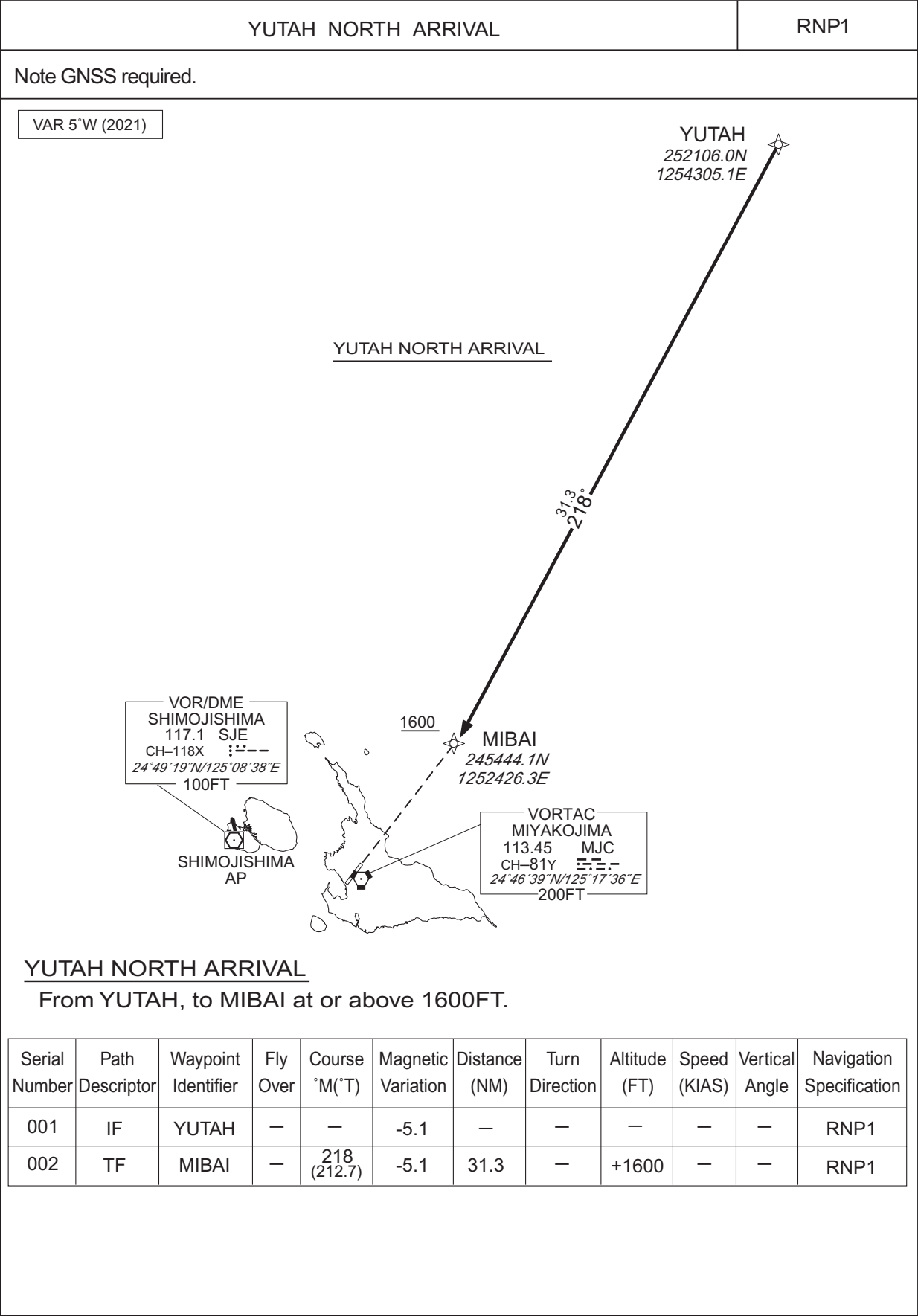
RNAV STAR RWY04



STANDARD ARRIVAL CHART - INSTRUMENT

ROMY / MIYAKO

RNAV STAR RWY22



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

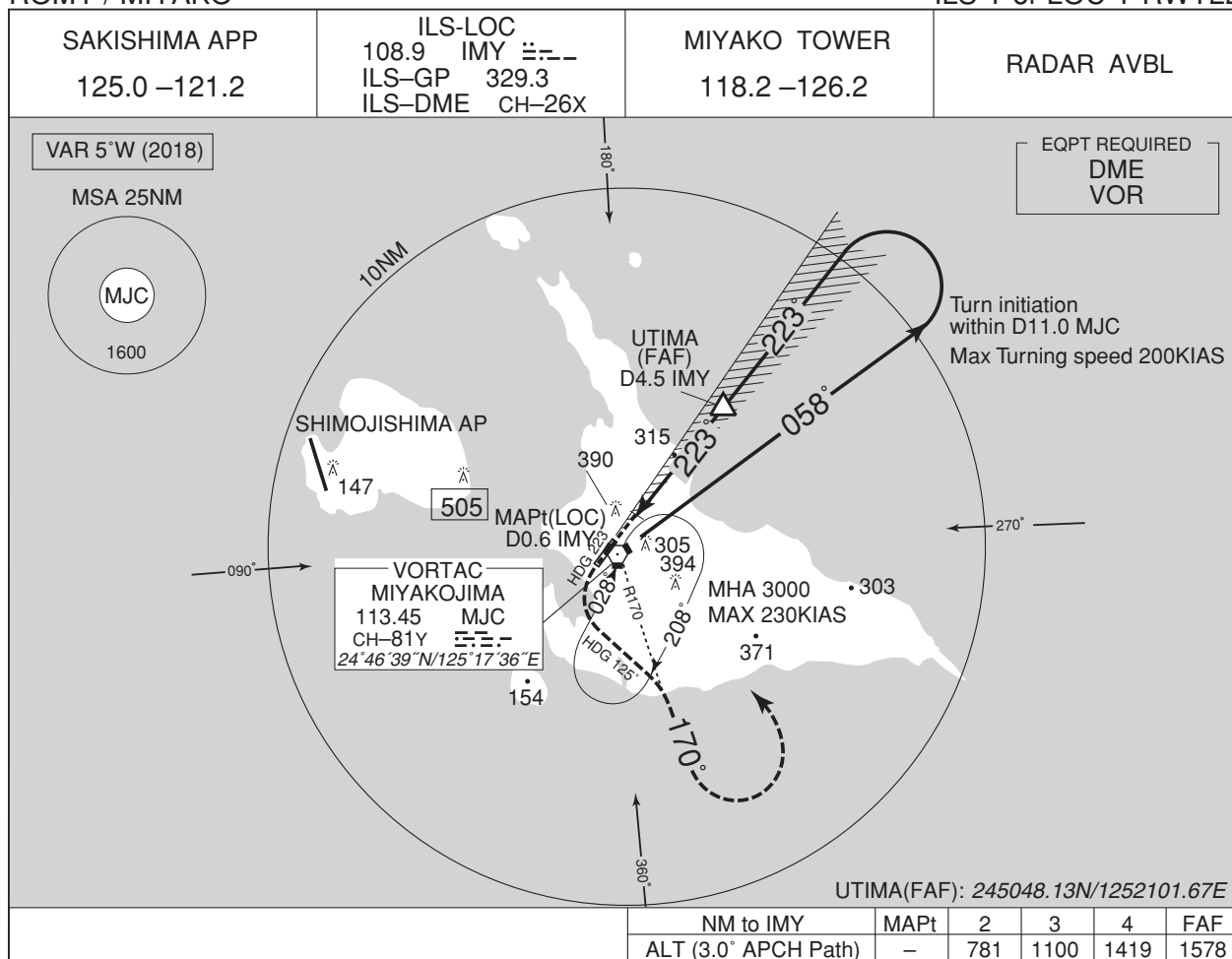
ILS Z or LOC Z RWY22



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

ILS Y or LOC Y 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.



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		2400
C						
D						

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY04





## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

VOR RWY22



## INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Z RWY04

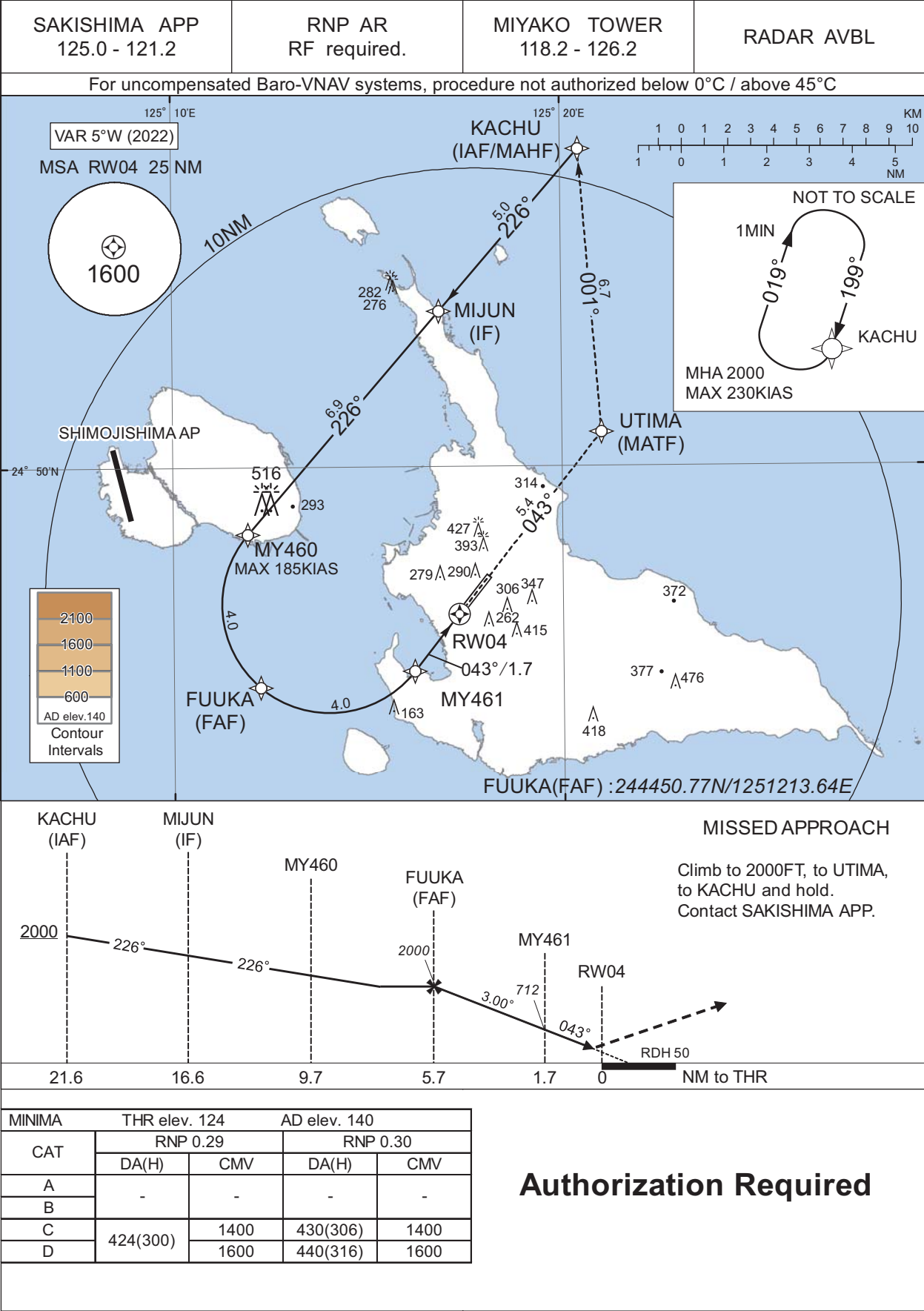


CHANGE:PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP Y RWY04(AR)



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

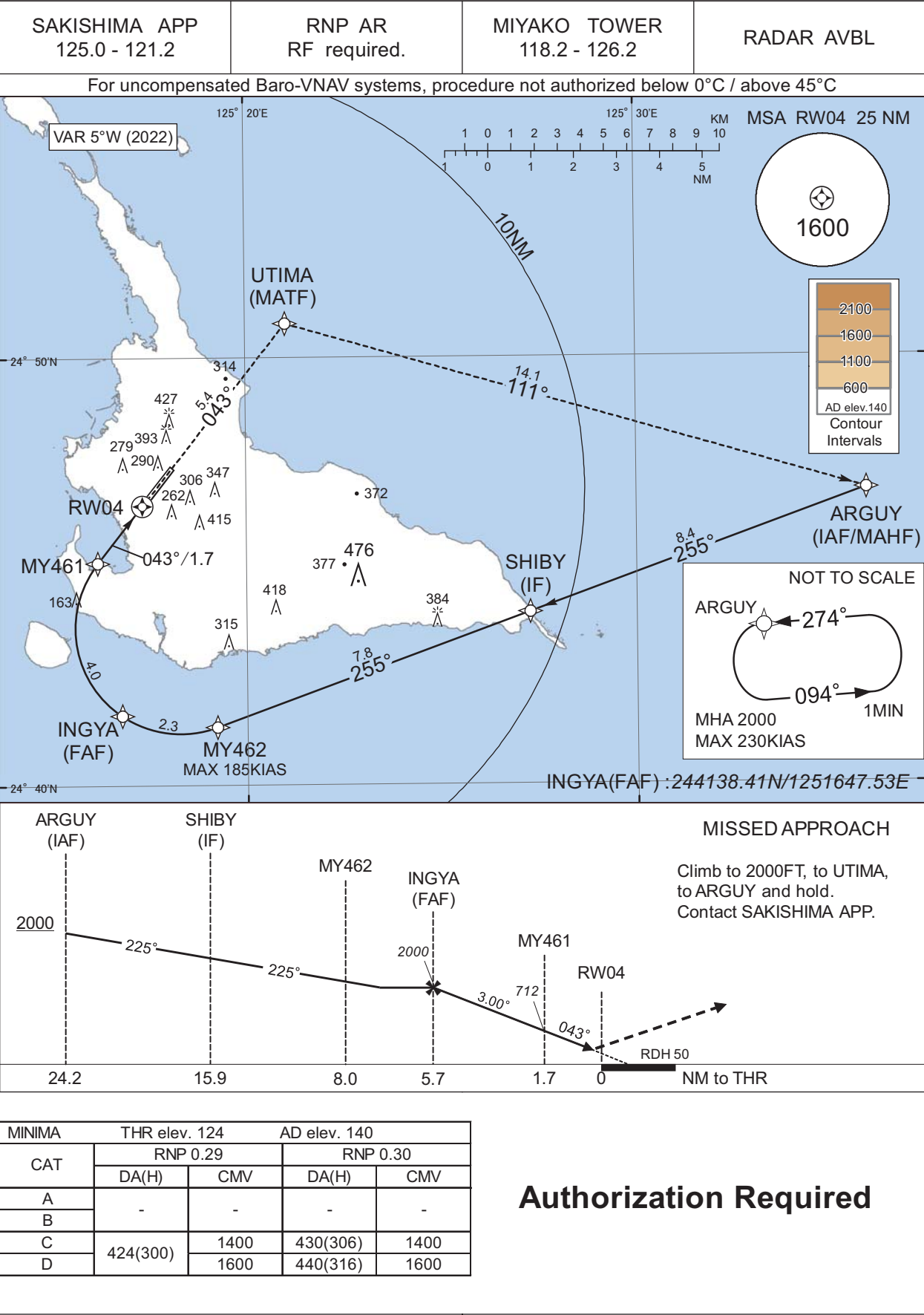
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KACHU	245726.14N / 1252027.95E	MYRF1	244646.77N / 1251400.81E
MIJUN	245338.80N / 1251651.84E		
MY460	244826.09N / 1251155.10E		
FUUKA	244450.77N / 1251213.64E		
MY461	244512.72N / 1251611.26E		
RW04	244632.65N / 1251720.41E		
UTIMA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

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

ROMY / MIYAKO

RNP X RWY04(AR)



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		

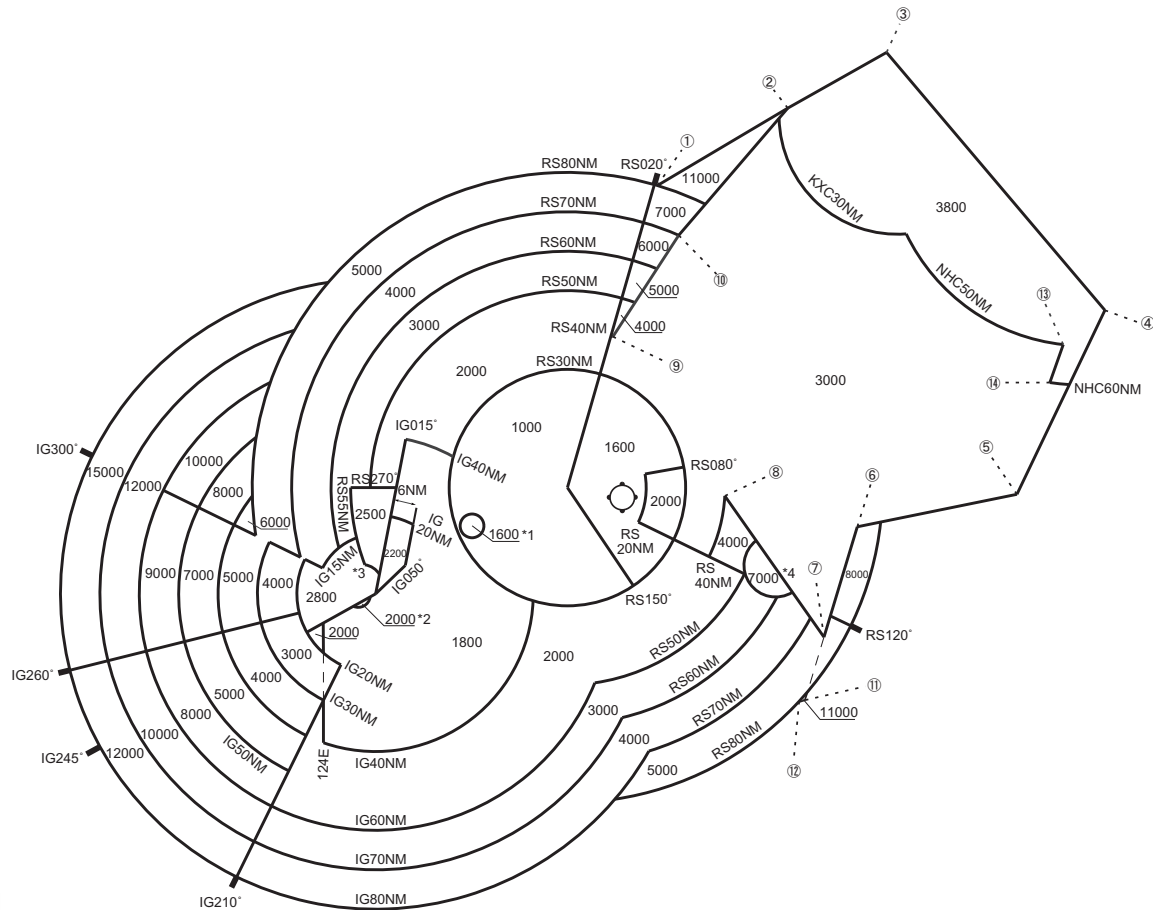
CHANGE : PROC renamed.



## ROMY / MIYAKO

## Minimum Vectoring Altitude CHART

VAR 5°W (2022)



- ① 260606N/1253511E
- ② 262504N/1261226E
- ③ 263631N/1264046E
- ④ 253118N/1273951E
- ⑤ 244518N/1271337E
- ⑥ 243809N/1262857E
- ⑦ 241018N/1261859E
- ⑧ 244634N/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.