

AD 2 AERODROMES**RORT AD 2.1 AERODROME LOCATION INDICATOR AND NAME****RORT - TARAMA****RORT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	243914N/1244031E 352°/1.0km from RWY 36 THR
2	Direction and distance from (city)	
3	Elevation/ Reference temperature	33.8ft / 32° C(2004-2008)
4	Geoid undulation at AD ELEV PSN	95ft
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. 2351-7, Aza-Nakasuji, Tarama-son, Miyako-gun, Okinawa Pref. TEL : 0980-79-2637 FAX : 0980-79-2211
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

RORT AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 0900
2	Customs and immigration	On request Customs: 0980-72-2310 Immigration: 0980-72-3440
3	Health and sanitation	Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NAHA)
7	ATS	ATS: 2300 - 0900 Remarks: AFIS provided by NAHA Airport Office.
8	Fuelling	Nil
9	Handling	Ask AD Administration
10	Security	Ask AD Administration
11	De-icing	Nil
12	Remarks	Nil

RORT AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RORT AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Tarama village
2	Restaurants	In Tarama village
3	Transportation	Nil
4	Medical facilities	Clinic 5km from airport
5	Bank and Post Office	Bank in Tarama village / Post Office in Tarama village
6	Tourist Office	Nil
7	Remarks	Nil

RORT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6
2	Rescue equipment	Chemical fire fighting truck x 2
3	Capability for removal of disabled aircraft	Incapable
4	Remarks	Nil

RORT AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RORT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Asphalt-concrete Strength : PCR 177/F/C/Y/T
2	Taxiway width, surface and strength	Width : 18m Surface : Asphalt-concrete Strength : PCR 177/F/C/Y/T
3	ACL and elevation	Not Available
4	VOR checkpoints	Not Available
5	INS checkpoints	(Spot NR) 1 : 243913.23N 1244036.86E 2 : 243914.85N 12454036.64E
6	Remarks	Nil

RORT 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:RWY18/36 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe TWY: (Marking) TWY CL, TWY side stripe
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area

RORT AD 2.10 AERODROME OBSTACLES

In Area2 Nil

In Area3 To be developed

RORT 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 ₆ , U ₈₅ , U ₇ , U ₅ , U ₃ , U ₂₅ , U ₂ /T _r , P _S , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), E, C, W _E , W _F , W _G , W _I , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of ser- vice, etc.)	Nil

RORT 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
18	172.78°	1500x45	PCR 177/F/C/Y/T Asphalt concrete	243937.89N 1244028.34E 95ft	THR ELEV:34ft
36	352.78°	1500x45	PCR 177/F/C/Y/T Asphalt concrete	243849.53N 1244035.04E 95ft	THR ELEV:36ft
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks	
7	10	11		14	
See AD2.24 AD chart		1620x150 1620x150	90x155 90x155	RWY Grooving : 1500mx30m	

RORT AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
18	1500	1500	1500	1500	Nil
36	1500	1500	1500	1500	Nil

RORT AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LEN INTST	LGT type	RTHL Color	PAPI (VASIS) Angle DIST FM	RTZL LEN	RCLL LEN Spacing Color	REDL LEN Spacing Color	RENL Color	STWL LEN
1	2	3	4	5	6	7	8	9	
18	Nil	Nil		PAPI 3.0°/LEFT 293M 45FT	Nil	Nil	Nil	Nil	Nil
36	Nil	Nil		PAPI 3.0°/LEFT 307.4M 45FT	Nil	Nil	Nil	Nil	Nil
Remarks									
10									
RWY THR ID LGT for RWY 18/36 THR (Color:White)									

RORT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: RWY18 : 303m FM RWY18 THR, LGTD RWY36 : 260m FM RWY36 THR, LGTD
3	TWY edge and center line lighting	Nil
4	Secondary power supply/ switch-over time	Within 15 sec : PAPI, RWY THR ID LGT
5	Remarks	Nil

RORT AD 2.16 HELICOPTER LANDING AREA

Nil

RORT 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
Tarama Information Zone	Area within a radius of 5nm(9km) of Tarama ARP	3,000 or below	E	Tarama Radio En	

RORT AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Tarama Radio	118.6MHz	2300 - 0900	Operated by Naha Airport Office.

RORT 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
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based

RORT AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RORT AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RORT AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	18	A,B,C	-	-	-	200'-1600m	-	200'-1600m
	36	A,B,C	-	-	-	200'-1600m	-	200'-1600m
OTHER	18	A,B,C	AVBL LDG MINIMA					
	36							

2. 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 Tarama Radio.
- 2) If unable, proceed in accordance with visual flight rules.
- 3) If unable, proceed to UMAKI at the last assigned altitude, or 2,000 feet whichever is higher, and execute RNP approach.

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

RORT AD 2.23 ADDITIONAL INFORMATION

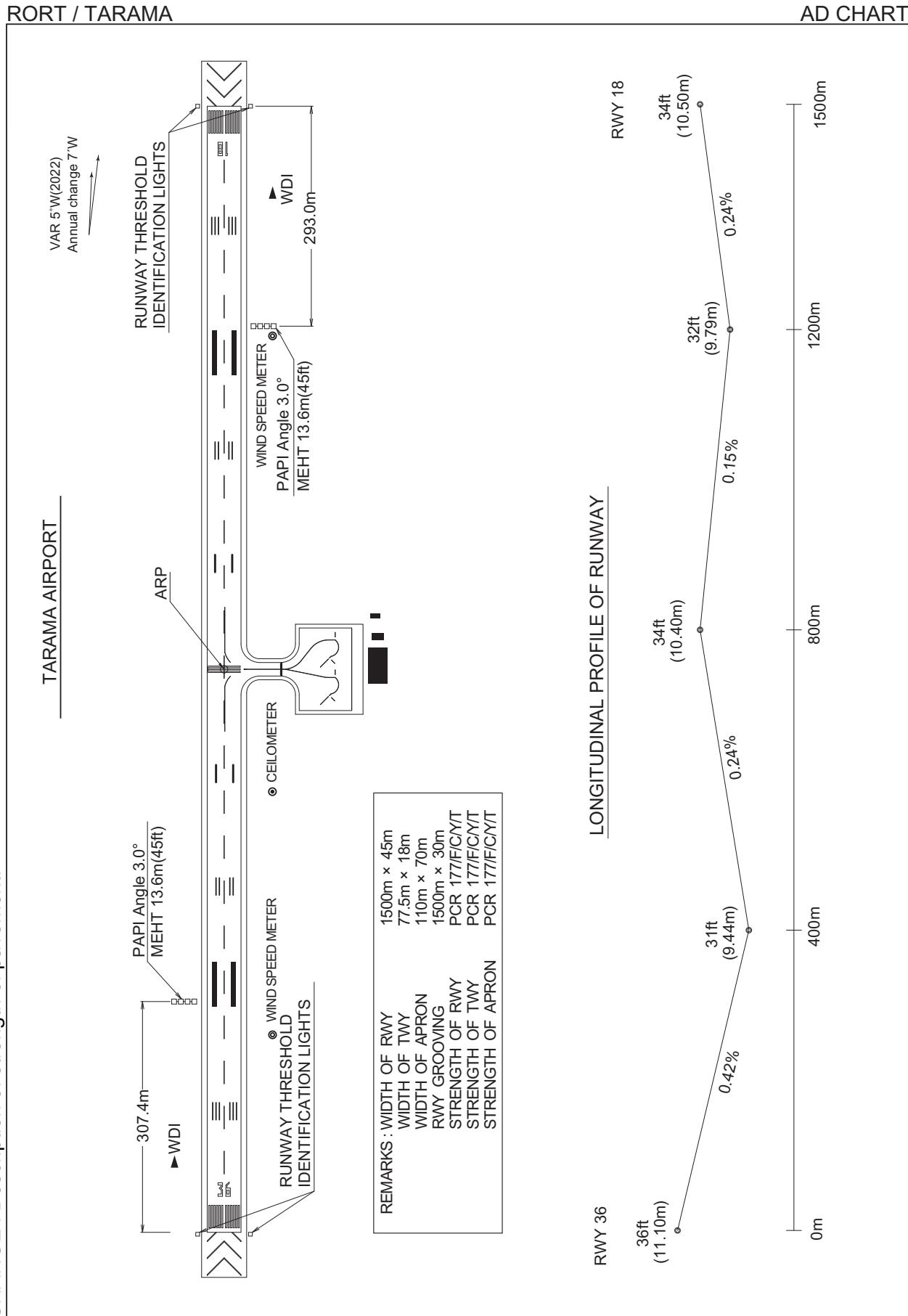
Nil

RORT AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (GAHRA-RNAV)
Instrument Approach Chart (RNP RWY18)
Instrument Approach Chart (RNP RWY36)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

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CHANGE : Description of strength of pavement.



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STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA	RNAV SID and TRANSITION
GAHRA THREE DEPARTURE MIYAKO TRANSITION	RNP1
Note GNSS required.	
VAR 5°W (2020)	
<p>GAHRA THREE DEPARTURE</p> <p>SHIMOJISHIMA AP</p> <p>VOR/DME SHIMOJISHIMA 117.1 SJE CH-118X 24°49'19"N/125°08'38"E 100FT</p> <p>VORTAC MIYAKOJIMA 113.45 MJC CH-81Y 24°46'39"N/125°17'36"E 200FT</p> <p>MIYAKO AP</p> <p>GAHRA 244243.1N 1250550.4E</p> <p>MIYAKO TRANSITION 3000ft, 075°, 11.4°</p> <p>GAHRA THREE DEPARTURE 358°, 178°, 500ft</p> <p>MIYAKOJIMA (MJC) 244638.6N 1251736.3E</p>	
<p>57(23) ▲ 60(26) ▲. 54(20) 81 65(31) ▲ 36 ▲ 67(33) ▲ 59(25)</p> <p>RWY18/36: See TAKE OFF MINIMA</p>	
<p>GAHRA THREE DEPARTURE</p> <p>RWY18 : Climb on HDG358° at or above 500FT, turn left direct to GAHRA at or above 3000FT. RWY36 : Climb on HDG178° at or above 500FT, turn right direct to GAHRA at or above 3000FT.</p>	
<p>MIYAKO TRANSITION</p> <p>From GAHRA at or above 3000FT, to MJC.</p>	

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

RORT/ TARAMA

RNAV SID and TRANSITION

GAHRA THREE DEPARTURE

RWY18

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	-	-	178 (172.8)	-4.9	-	-	+500	-	-	RNP1
002	DF	GAHRA	-	-	-4.9	-	L	+3000	-	-	RNP1

RWY36

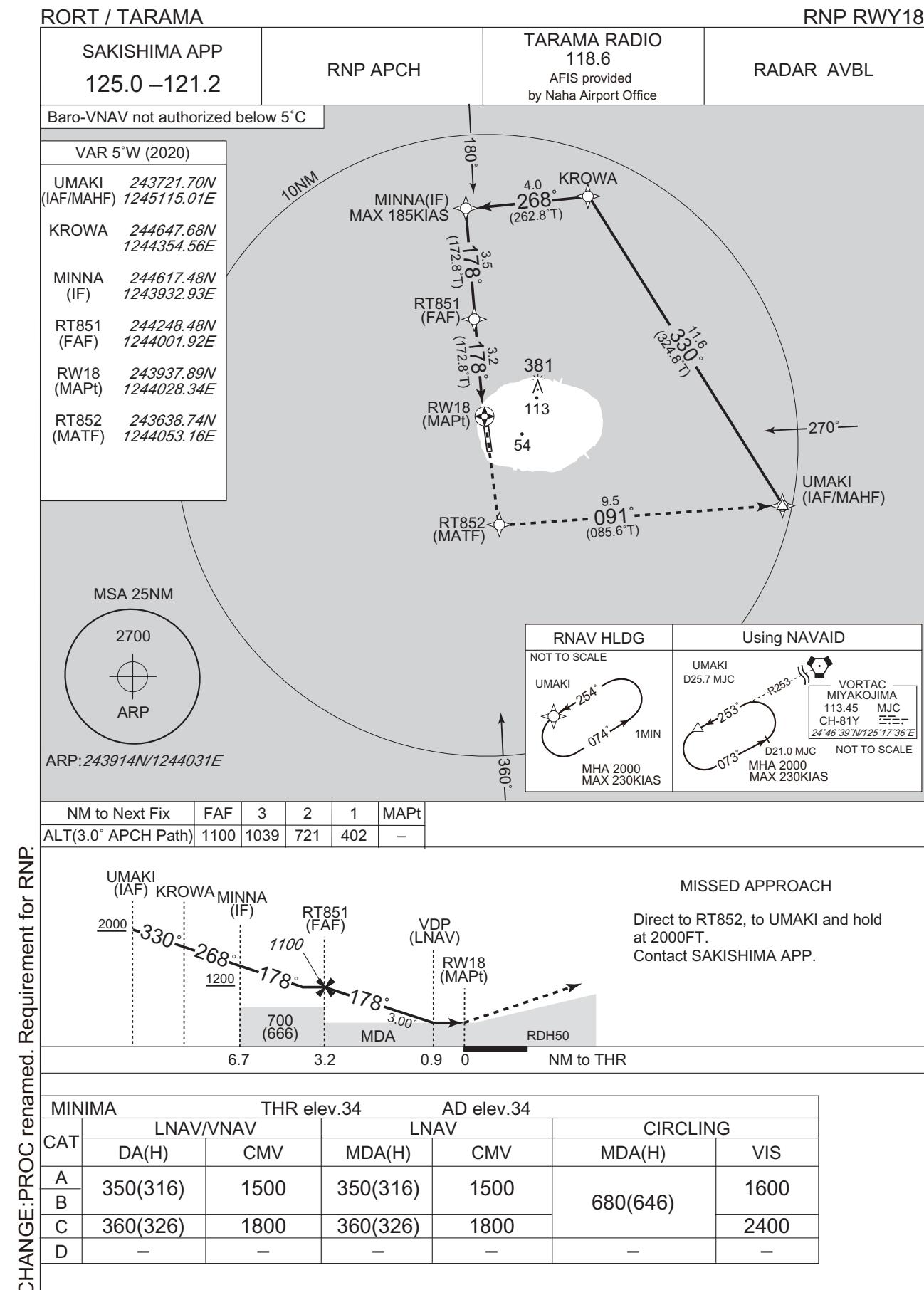
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	358 (352.8)	-4.9	-	-	+500	-	-	RNP1
002	DF	GAHRA	-	-	-4.9	-	R	+3000	-	-	RNP1

MIYAKO TRANSITION

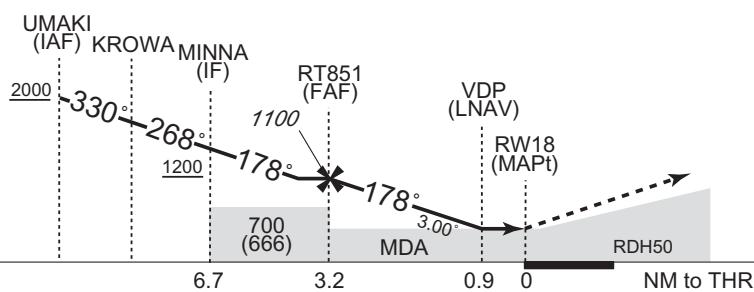
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	GAHRA	-	-	-4.9	-	-	+3000	-	-	RNP1
002	TF	MJC	-	075 (069.8)	-4.9	11.4	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

INSTRUMENT APPROACH CHART



CHANGE:PROC renamed. Requirement for RNP.

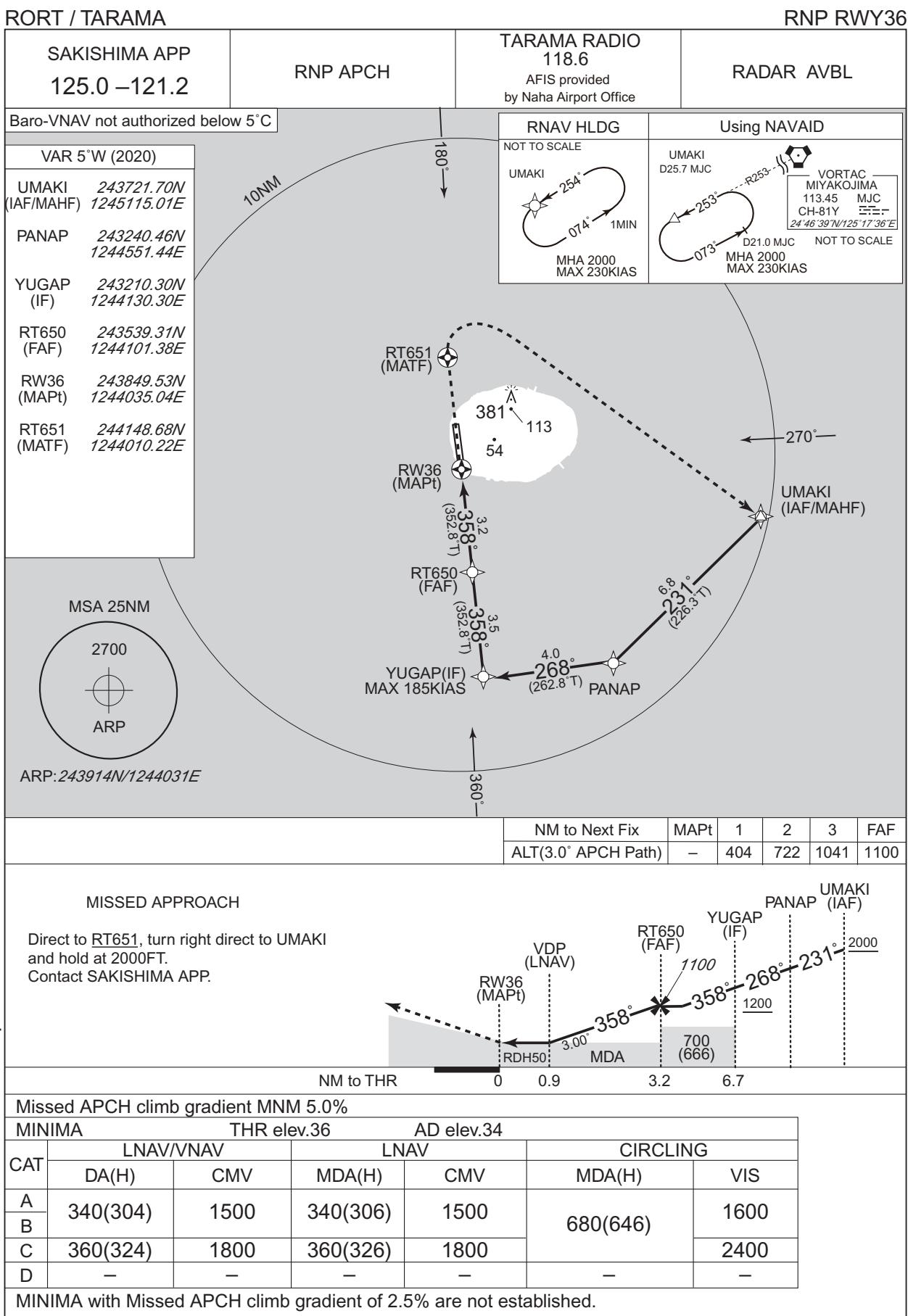


MISSSED APPROACH

Direct to RT852, to UMAKI and hold at 2000FT.
Contact SAKISHIMA APP.

MINIMA		THR elev.34		AD elev.34	
CAT	LNAV/VNAV		LNAV		CIRCLING
	DA(H)	CMV	MDA(H)	CMV	MDA(H)
A	350(316)	1500	350(316)	1500	680(646)
B	360(326)	1800	360(326)	1800	
C	—	—	—	—	1600
D	—	—	—	—	2400

INSTRUMENT APPROACH CHART



RORT / TARAMA

Visual REP

VAR 5°W(2022) / 7°W

TARAMA RADIO
118.6

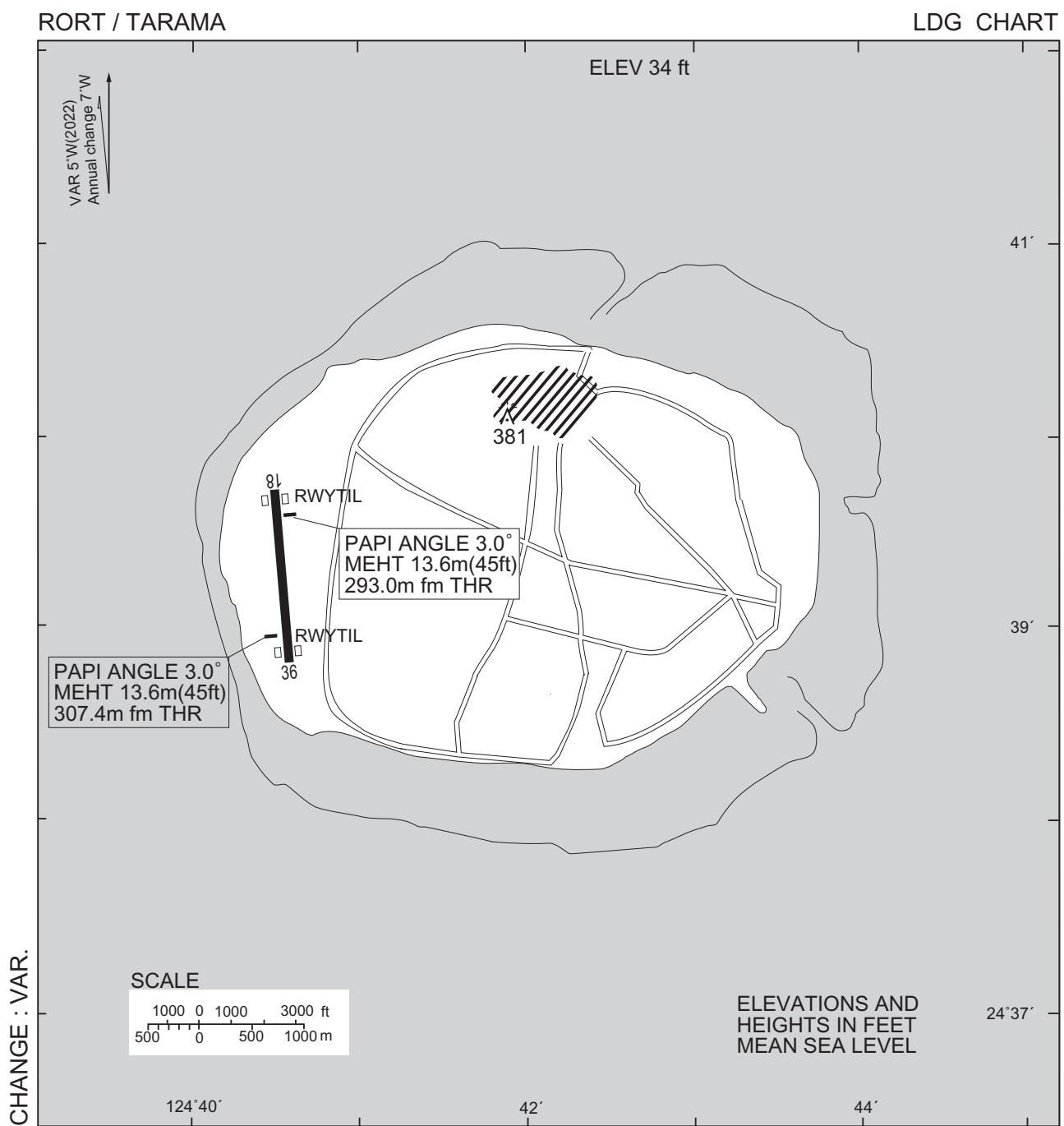


Webメルカトル図法(球体補正) / Web Mercator projection

※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.

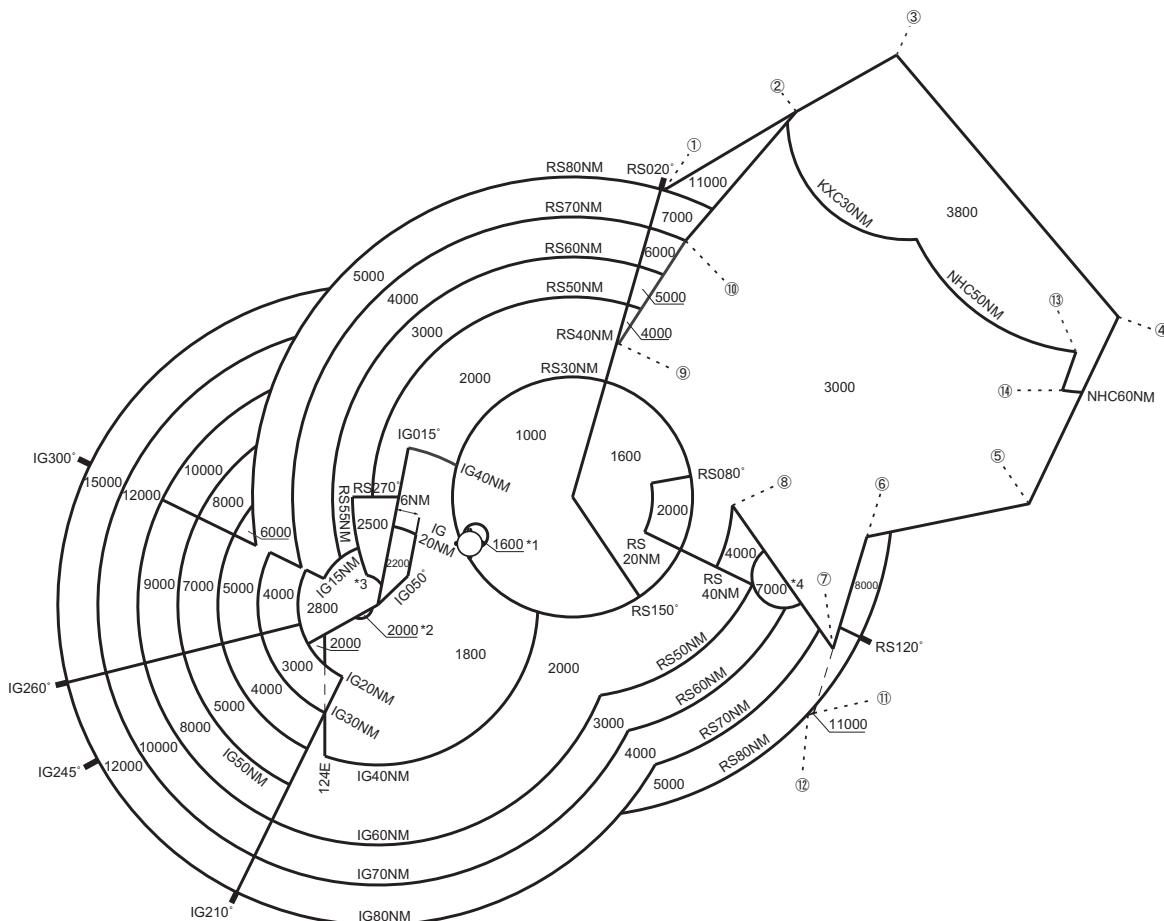
Call sign	BRG / DIST from ARP	Remarks
ハナレ崎 Hanarezaki	017°T / 5.8NM	岬 Cape
10NM E	090°T / 10.0NM	海上 Over the sea
10NM SW	225°T / 10.0NM	海上 Over the sea



RORT / TARAMA

Minimum Vectoring Altitude CHART

VAR 5°W (2022)



- ① 260606N/1253511E
- ② 262504N/1261226E
- ③ 263831N/1264046E
- ④ 253118N/1273951E
- ⑤ 244518N/1271337E
- ⑥ 243809N/1262857E
- ⑦ 241018N/1261859E
- ⑧ 244643N/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.

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