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 : PCN 16/F/B/Y/T
2	Taxiway width, surface and strength	Width : 18m Surface : Asphalt-concrete Strength : PCN 16/F/B/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 1244036.64E*
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 service, etc.)	Nil

RORT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) 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°	1500×45	PCN 16/F/B/Y/T Asphalt concrete	*243937.89N 1244028.34E* 95ft	THR ELEV:34ft
36	352.78°	1500×45	PCN 16/F/B/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	1620×150 1620×150	42x155 42x155	RWY Grooving : 1500m×30m

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 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
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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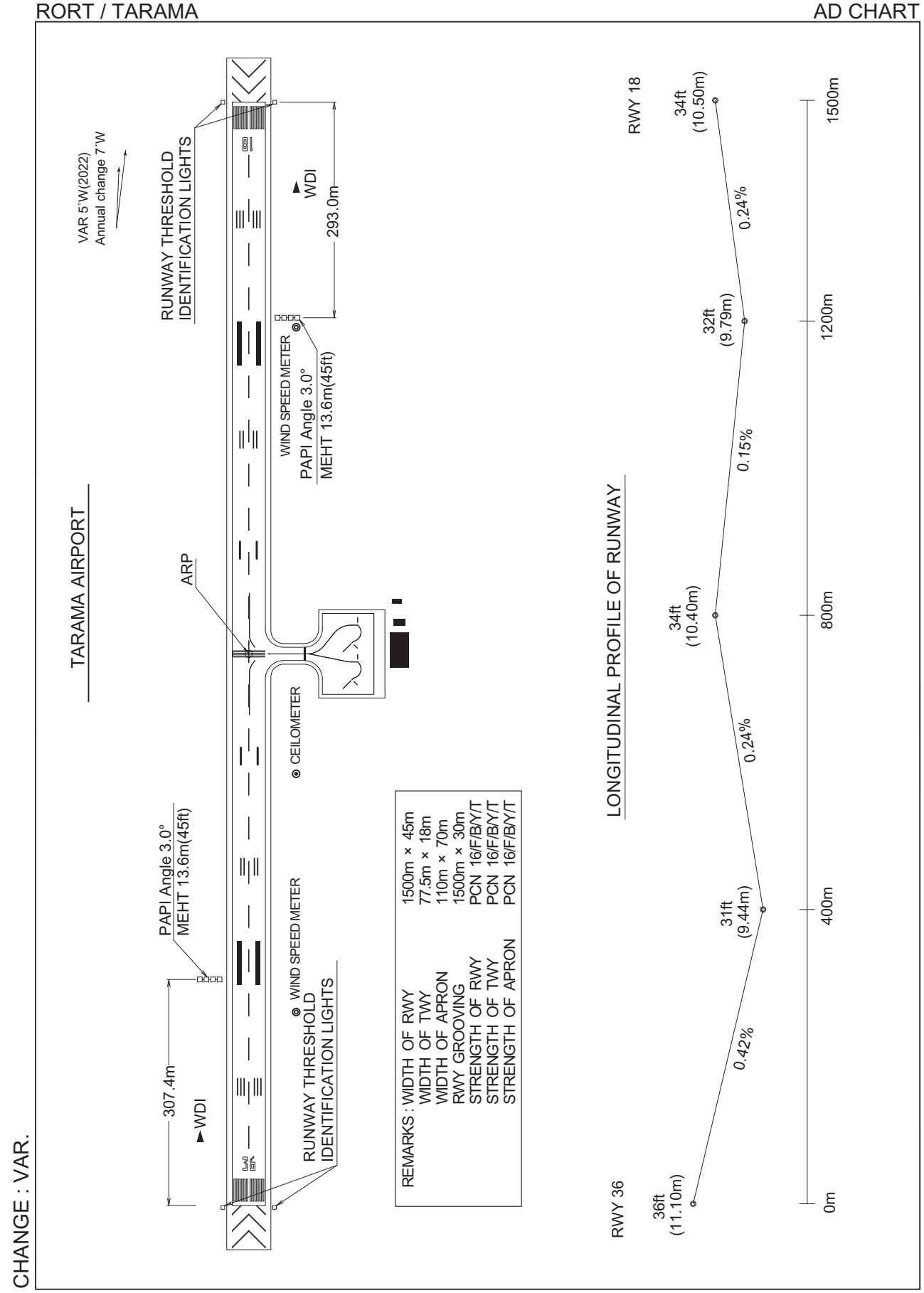
RORT / TARAMA AD CHART



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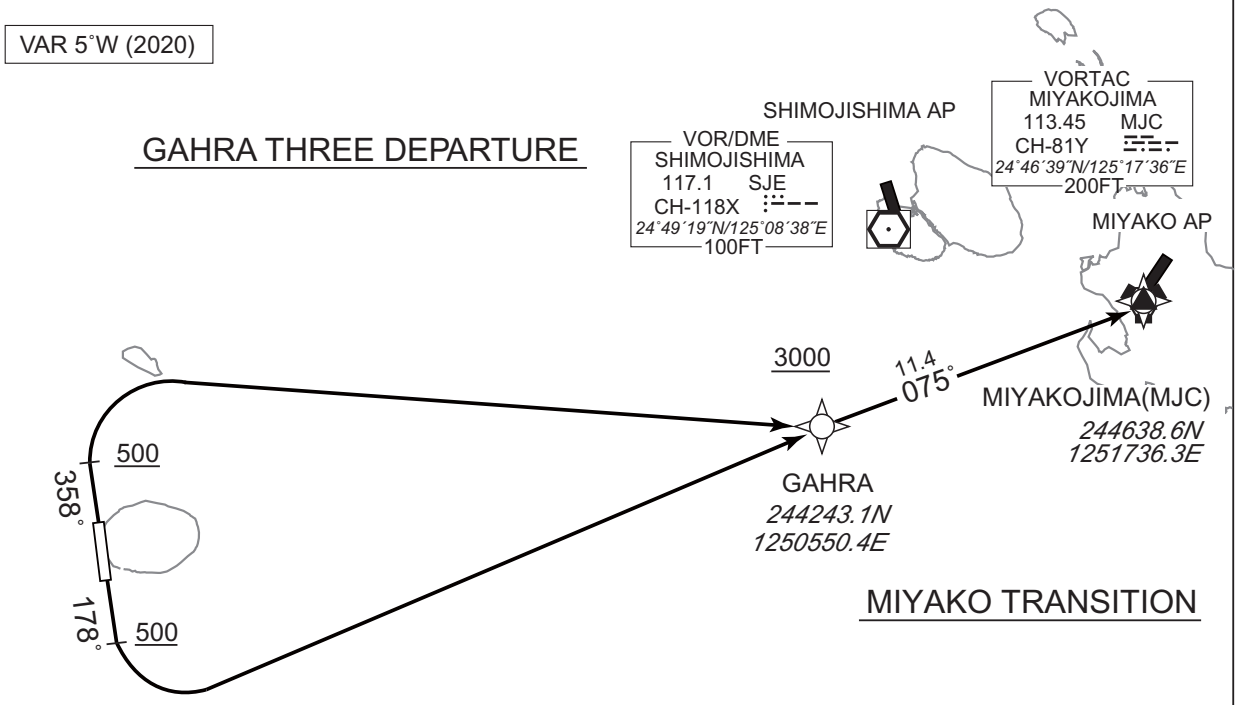
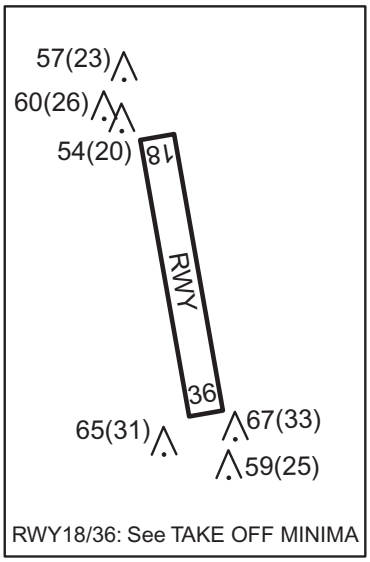
STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA — RNAV SID and TRANSITION

GAHRA THREE DEPARTURE MIYAKO TRANSITION	RNP1

Note GNSS required.





CHANGE : Navigation Specification(Basic RNP1 → RNP1).

GAHRA THREE DEPARTURE

RWY18 : Climb on HDG178˚ at or above 500FT, turn left direct to GAHRA at or above 3000FT.
RWY36 : Climb on HDG358˚ at or above 500FT, turn right direct to GAHRA at or above 3000FT.

MIYAKO TRANSITION

From GAHRA at or above 3000FT, to MJC.

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

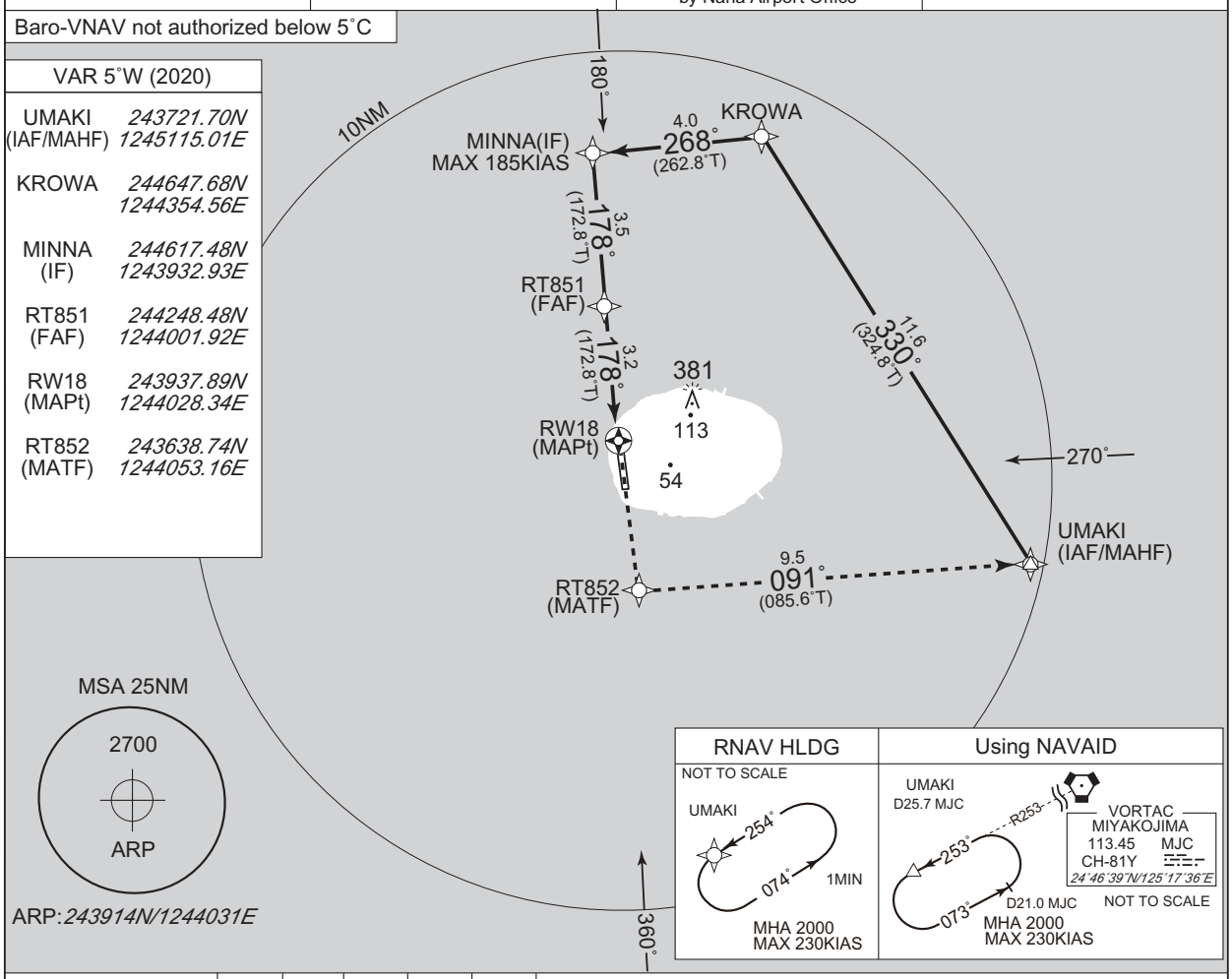
RORT / TARAMA — RNP RWY18

SAKISHIMA APP	RNP APCH	TARAMA RADIO	RADAR AVBL
125.0 –121.2		118.6 AFIS provided by Naha Airport Office	

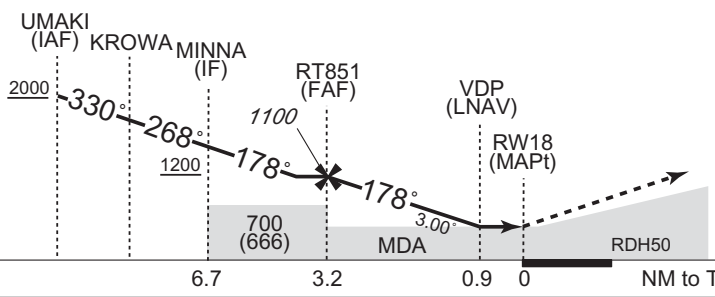
Baro-VNAV not authorized below 5˚C

VAR 5˚W (2020)

UMAKI (IAF/MAHF)	*243721.70N 1245115.01E*
KROWA	*244647.68N 1244354.56E*
MINNA (IF)	*244617.48N 1243932.93E*
RT851 (FAF)	*244248.48N 1244001.92E*
RW18 (MAPt)	*243937.89N 1244028.34E*
RT852 (MATF)	*243638.74N 1244053.16E*



NM to Next Fix	FAF	3	2	1	MAPt
ALT(3.0˚ APCH Path)	1100	1039	721	402	–



MISSED 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)	VIS
A	350(316)	1500	350(316)	1500	680(646)	1600
B						
C	360(326)	1800	360(326)	1800		2400
D	–	–	–	–	–	–

CHANGE:PROC renamed. Requirement for RNP.

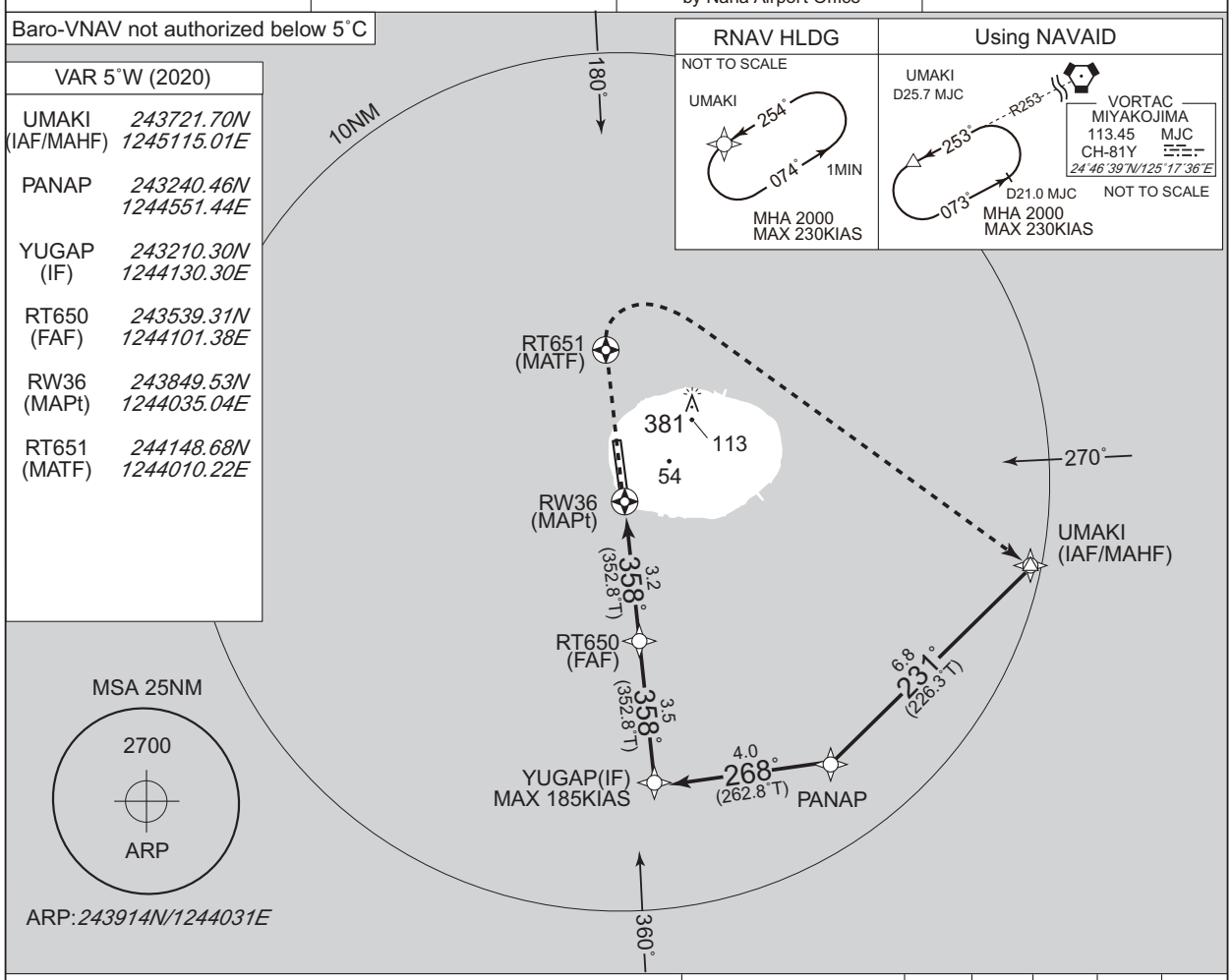
INSTRUMENT APPROACH CHART

RORT / TARAMA — RNP RWY36

SAKISHIMA APP	RNP APCH	TARAMA RADIO	RADAR AVBL
125.0 –121.2		118.6 AFIS provided by Naha Airport Office	

Baro-VNAV not authorized below 5˚C

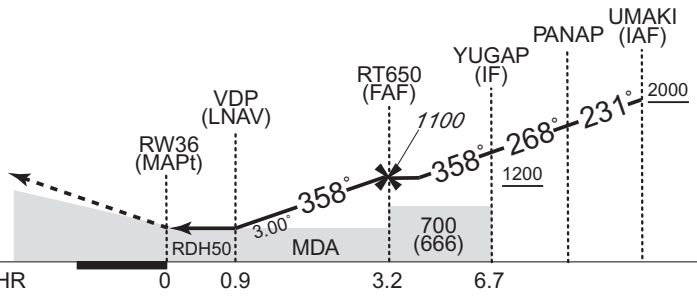
VAR 5˚W (2020)	
UMAKI (IAF/MAHF)	*243721.70N 1245115.01E*
PANAP	*243240.46N 1244551.44E*
YUGAP (IF)	*243210.30N 1244130.30E*
RT650 (FAF)	*243539.31N 1244101.38E*
RW36 (MAPt)	*243849.53N 1244035.04E*
RT651 (MATF)	*244148.68N 1244010.22E*



NM to Next Fix	MAPt	1	2	3	FAF
ALT(3.0˚ APCH Path)	–	404	722	1041	1100

MISSED APPROACH

Direct to RT651, turn right direct to UMAKI and hold at 2000FT.
Contact SAKISHIMA APP.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev.36 AD elev.34

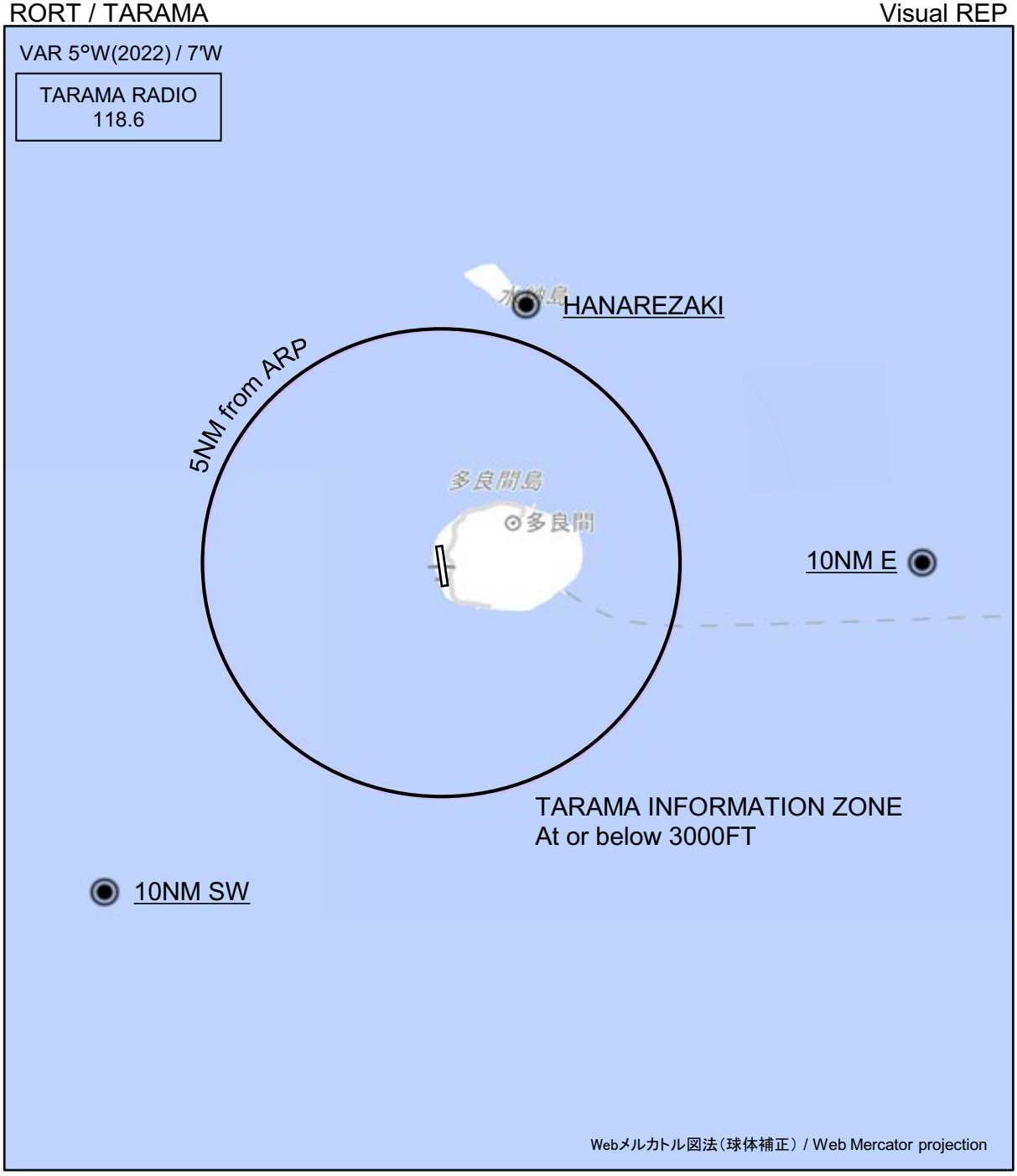
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	340(304)	1500	340(306)	1500	680(646)	1600
B						
C	360(324)	1800	360(326)	1800		2400
D	–	–	–	–	–	–

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE:PROC renamed. Requirement for RNP.

RORT / TARAMA

Visual REP

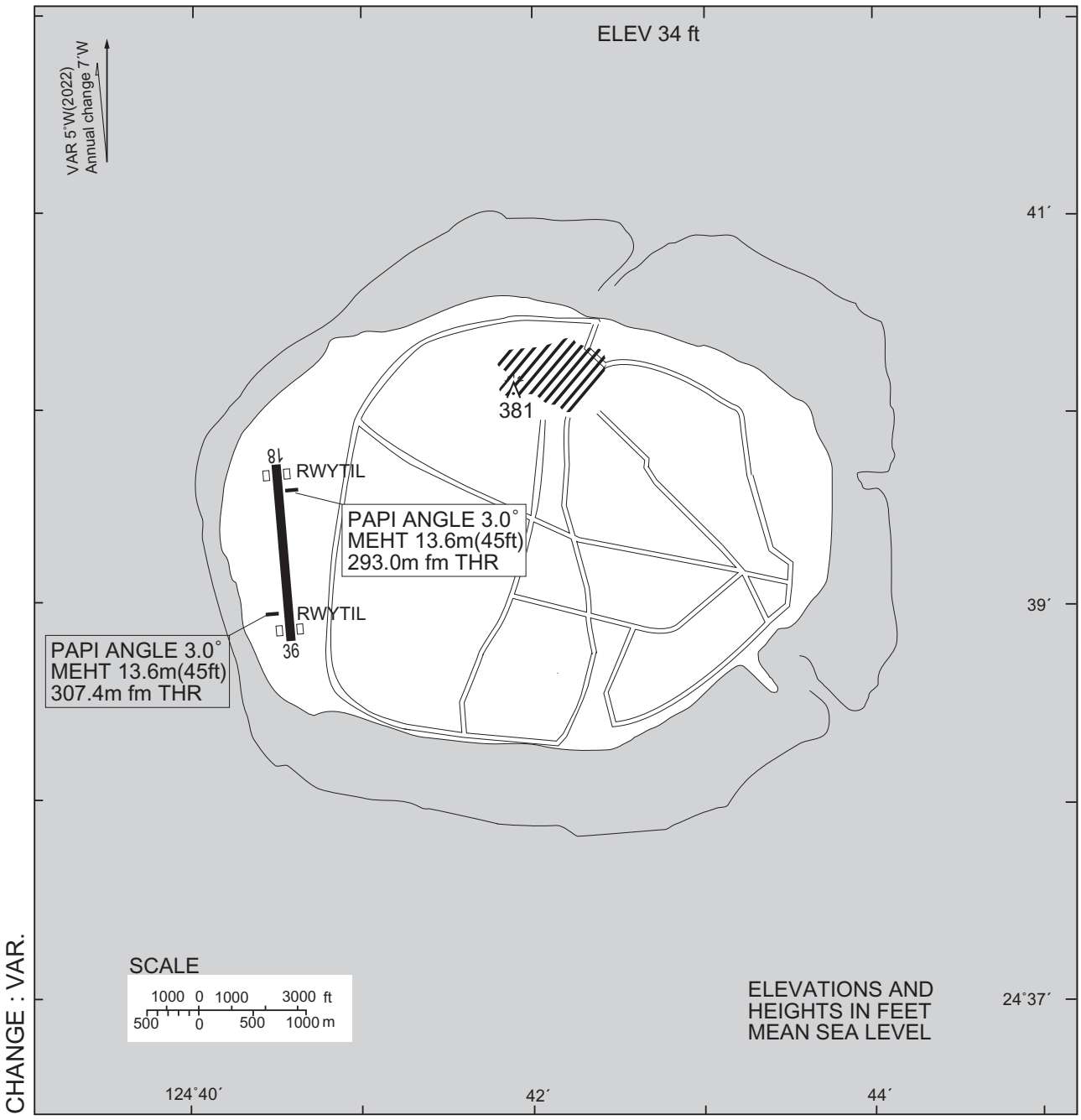


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
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

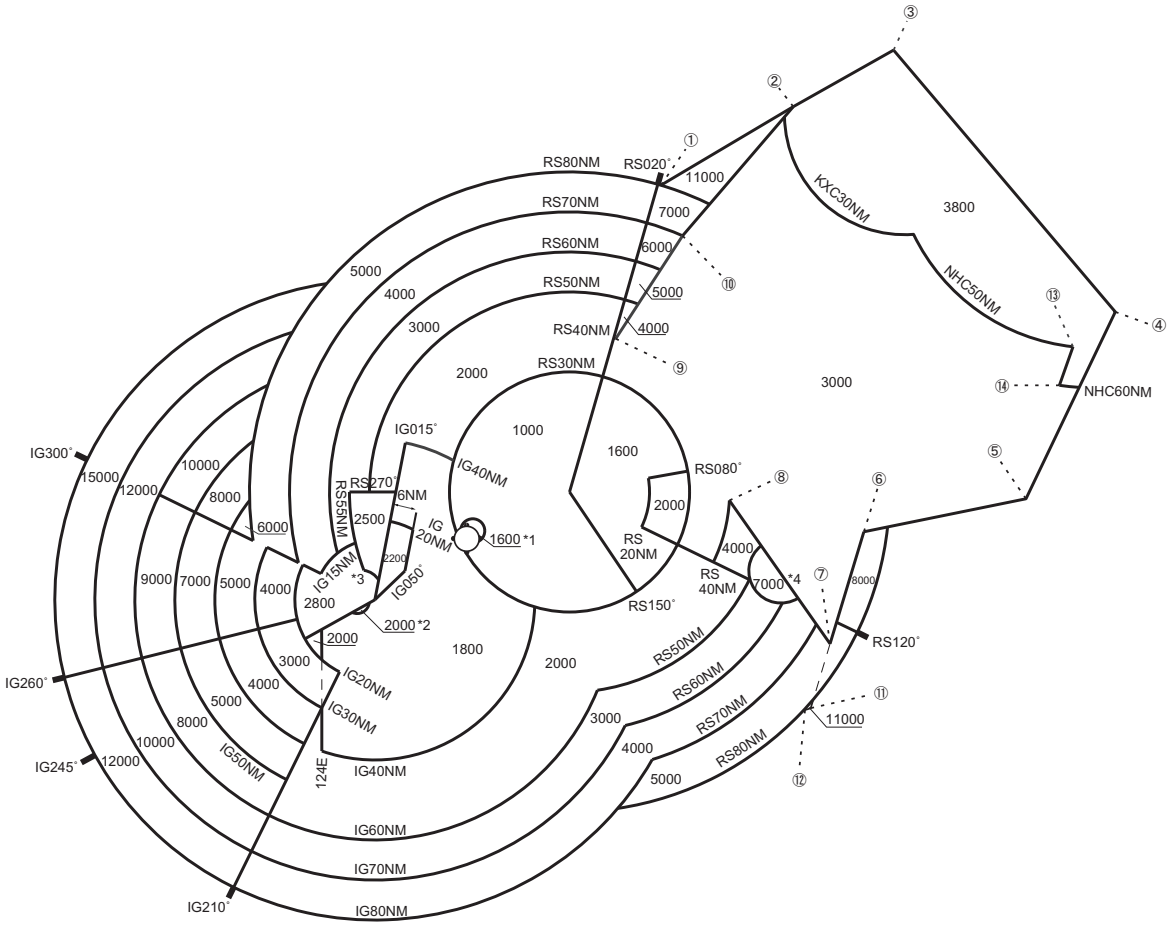
RORT / TARAMA LDG CHART



RORT / TARAMA

Minimum Vectoring Altitude CHART

VAR 5˚W (2022)



①260606N/1253511E
②262504N/1261226E
③263831N/1264046E
④253118N/1273951E
⑤244518N/1271337E
⑥243809N/1262857E
⑦241018N/1261859E
⑧244643N/1255220E
⑨252751N/1252151E
⑩255321N/1254054E
⑪235438N/1261324E
⑫235414N/1261156E
⑬252316N/1272802E
⑭251400N/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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