

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	4°W(2009) / 3.7°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	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	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°	1500x45	PCN 16/F/B/Y/T Asphalt concrete	243937.89N 1244028.34E 95ft	THR ELEV:34ft
36	352.78°	1500x45	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		1620x150 1620x150	42x155 42x155	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 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**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							

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)

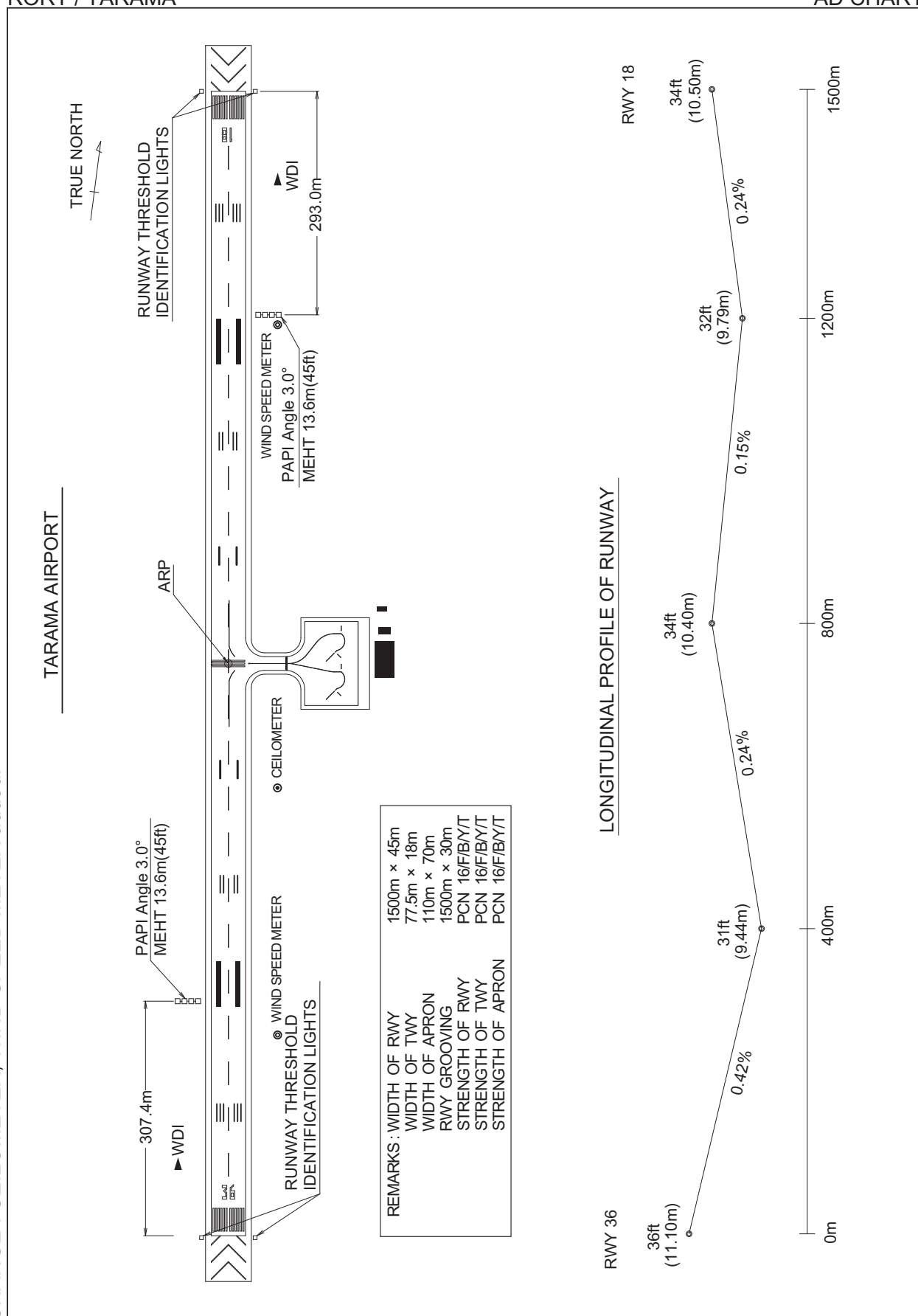
Instrument Approach Chart (RNAV (GNSS) RWY18)
Instrument Approach Chart (RNAV (GNSS) RWY36)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

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RORT / TARAMA

AD CHART

CHANGE : CEILOMETER, WIND SPEED METER added.



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RNAV SID and TRANSITION

Basic RNP1

VAR 5°W (2020)



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

MIYAKO AP

MIYAKOJIMA(MJC)
244638.6N
1251736.3E

3000
GAHRA
244243.1N
1250550.4E

MIYAKO TRANSITION



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.

From GAHRA at or above 3000FT, to MJC.

CHANGE : VAR. SID course. SID renamed. MIYAKO TRANSITION established.

STANDARD DEPARTURE CHART -INSTRUMENT

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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	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	L	+3000	—	—	Basic 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	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	R	+3000	—	—	Basic RNP1

MIYAKO TRANSITION

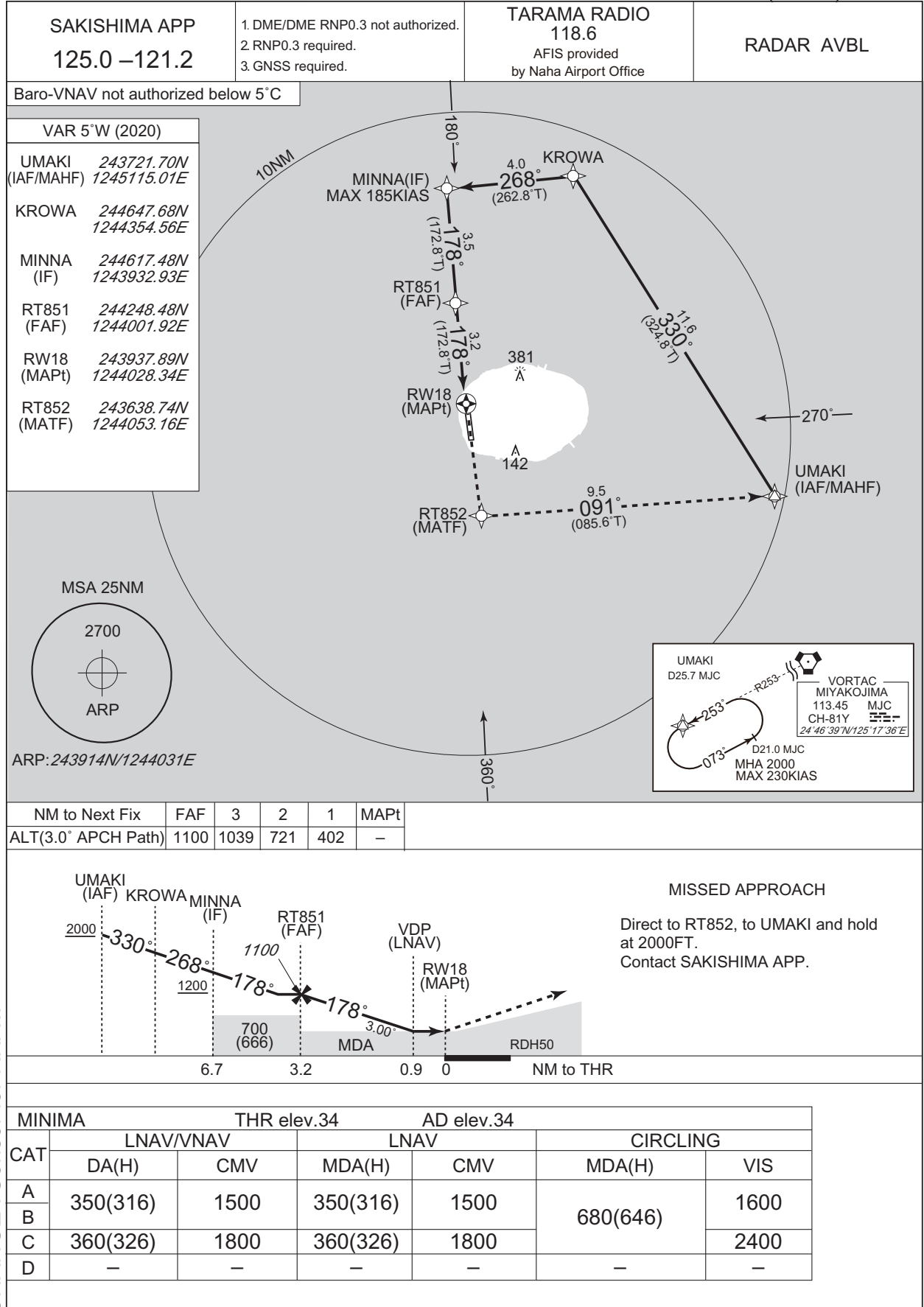
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	GAHRA	—	—	-4.9	—	—	+3000	—	—	Basic RNP1
002	TF	MJC	—	075 (069.8)	-4.9	11.4	—	—	—	—	Basic RNP1

CHANGE : VAR. SID course. SID renamed. MIYAKO TRANSITION established.

INSTRUMENT APPROACH CHART

RORT / TARAMA

RNAV(GNSS) RWY18



CHANGE : Sensor for RNAV.

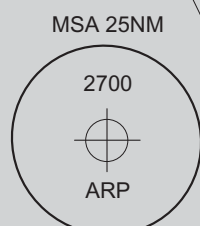
RORT / TARAMA

RNAV(GNSS) RWY36

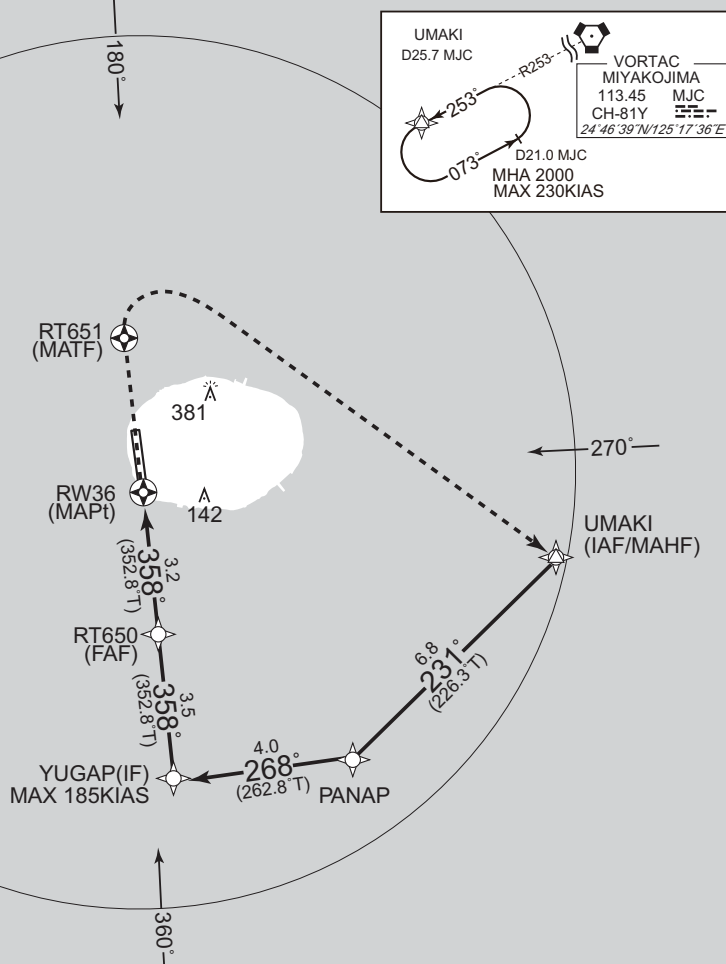
SAKISHIMA APP 125.0 –121.2	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required.	TARAMA RADIO 118.6 AFIS provided by Naha Airport Office	RADAR AVBL
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Baro-VNAV not authorized below 5°C

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

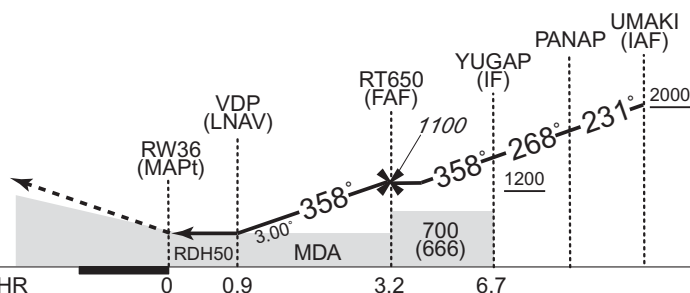


ARP:243914N/1244031E



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

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 : Sensor for RNAV.

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Visual REP



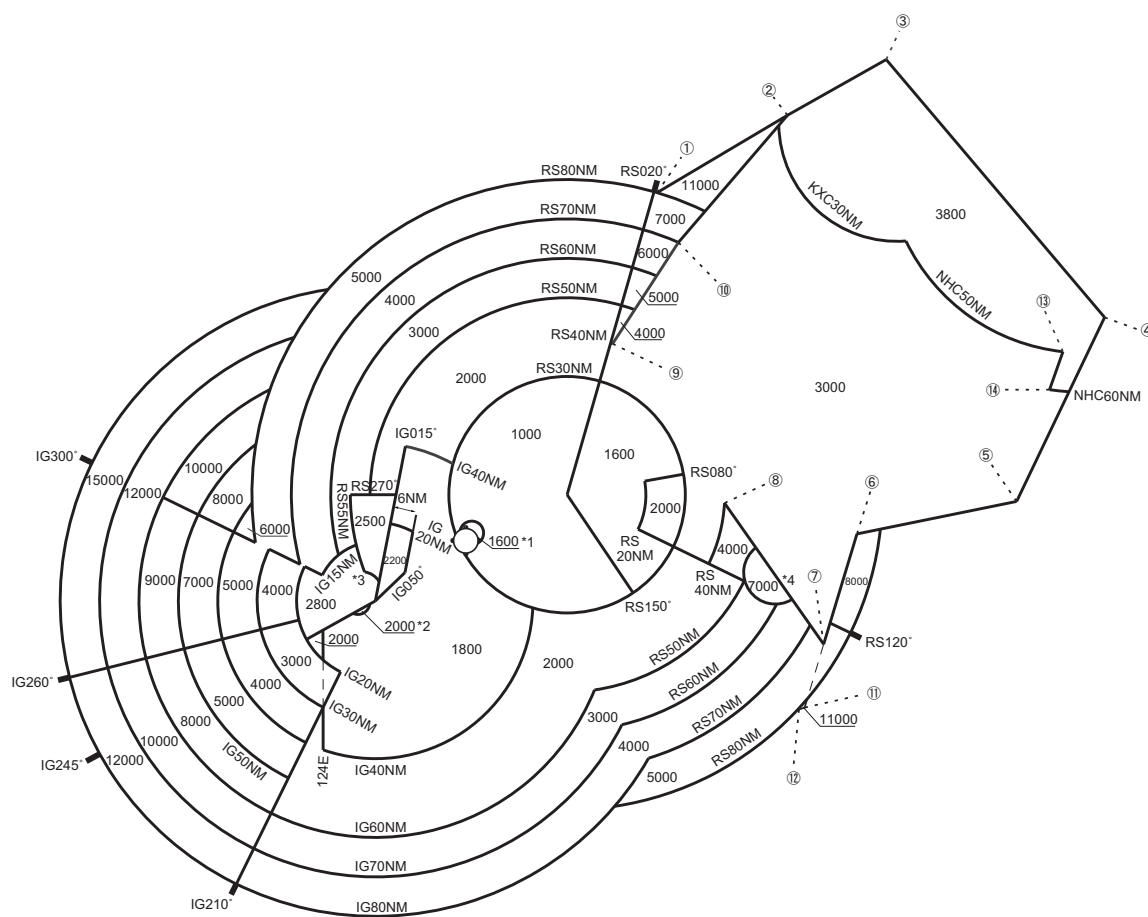
Call sign	BRG / DIST from ARP	Remarks
ハナレ崎 HANAREZAKI	021° / 5.7NM	岬 Cape
10NM E	090° / 10.0NM	海上 Over the sea
10NM SW	225° / 10.0NM	海上 Over the sea



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Minimum Vectoring Altitude CHART

VAR 4°W (2013)



- 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 : Update(BTN RS020° and RS150°).

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