

## 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<br>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.<br>2351-7, Aza-Nakasuji, Tarama-son, Miyako-gun, Okinawa Pref.<br>TEL : 0980-79-2637<br>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<br>Customs: 0980-72-2310<br>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<br>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<br>Strength : PCN 16/F/B/Y/T                |
| 2 | Taxiway width, surface and strength | Width : 18m<br>Surface : Asphalt-concrete<br>Strength : PCN 16/F/B/Y/T |
| 3 | ACL and elevation                   | Not Available  |
| 4 | VOR checkpoints                     | Not Available  |
| 5 | INS checkpoints                     | (Spot NR)<br>1 : 243913.23N 1244036.86E<br>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<br>(Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe<br>TWY:<br>(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<br>MET Office outside hours                           | H24 (NAHA)   |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil  |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil  |
| 5  | Briefing/ consultation provided  | Briefing is available upon inquiry at NAHA   |
| 6  | Flight documentation<br>Language(s) used                               | C<br>En  |
| 7  | Charts and other information available<br>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> ,<br>P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment<br>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<br>RWY NR | TRUE BRG | Dimensions of<br>RWY(M) | Strength(PCN) and<br>surface of RWY | THR coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY |
|------------------------|----------|-------------------------|-------------------------------------|---|---|
| 1                      | 2        | 3                       | 4                                   | 5                                       | 6   |
| 18                     | 172.78°  | 1500x45                 | PCN 16/F/B/Y/T<br>Asphalt concrete  | 243937.89N 1244028.34E<br>95ft          | THR ELEV:34ft   |
| 36                     | 352.78°  | 1500x45                 | PCN 16/F/B/Y/T<br>Asphalt concrete  | 243849.53N 1244035.04E<br>95ft          | THR ELEV:36ft   |
| Slope of RWY           |          | Strip<br>Dimensions(M)  | RESA(Overrun)<br>Dimensions(M)      | Remarks                                 |   |
| 7                      |          | 10                      | 11                                  | 14                                      |   |
| See AD2.24 AD chart    |          | 1620x150<br>1620x150    | 42x155<br>42x155                    | RWY Grooving : 1500mx30m                |   |

## RORT AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(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<br>Designator                              | APCH<br>LGT<br>type<br>LEN<br>INTST | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM<br>THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST | REDL<br>LEN<br>Spacing<br>Color<br>INTST | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|--|-------------------------------------|-----------------------|--|-------------|--|--|-----------------------|----------------------|
| 1  | 2                                   | 3                     | 4  | 5           | 6  | 7  | 8                     | 9                    |
| 18   | Nil                                 | Nil                   | PAPI<br>3.0°/LEFT<br>293M<br>45FT                  | Nil         | Nil                                      | Nil                                      | Nil                   | Nil                  |
| 36   | Nil                                 | Nil                   | PAPI<br>3.0°/LEFT<br>307.4M<br>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<br>Anemometer location and LGT      | LDI: Nil<br>Anemometer: RWY18 : 303m FM RWY18 THR, LGTD<br>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<br>limits<br>(ft) | Airspace<br>classification | ATS unit call<br>sign Language | Remarks |
|--------------------------------|--|----------------------------|----------------------------|--------------------------------|---------|
| 1                              |  | 2                          | 3                          | 4                              | 6       |
| Tarama<br>Information<br>Zone  | Area within a radius of 5nm(9km) of Tarama ARP | 3,000 or<br>below          | E                          | Tarama Radio<br>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<br>(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<br>CAT | REDL & RCLL     |          | REDL or RCLL<br>or RCL Marking |            | NIL<br>(DAYTIME ONLY) |            |
|--|-----|-------------|-----------------|----------|--------------------------------|------------|-----------------------|------------|
|  |     |             | CEIL-RVR        | CEIL-VIS | CEIL-RVR                       | CEIL-VIS   | CEIL-RVR              | CEIL-VIS   |
| Multi-Engine<br>ACFT with<br>TKOF ALTN<br>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

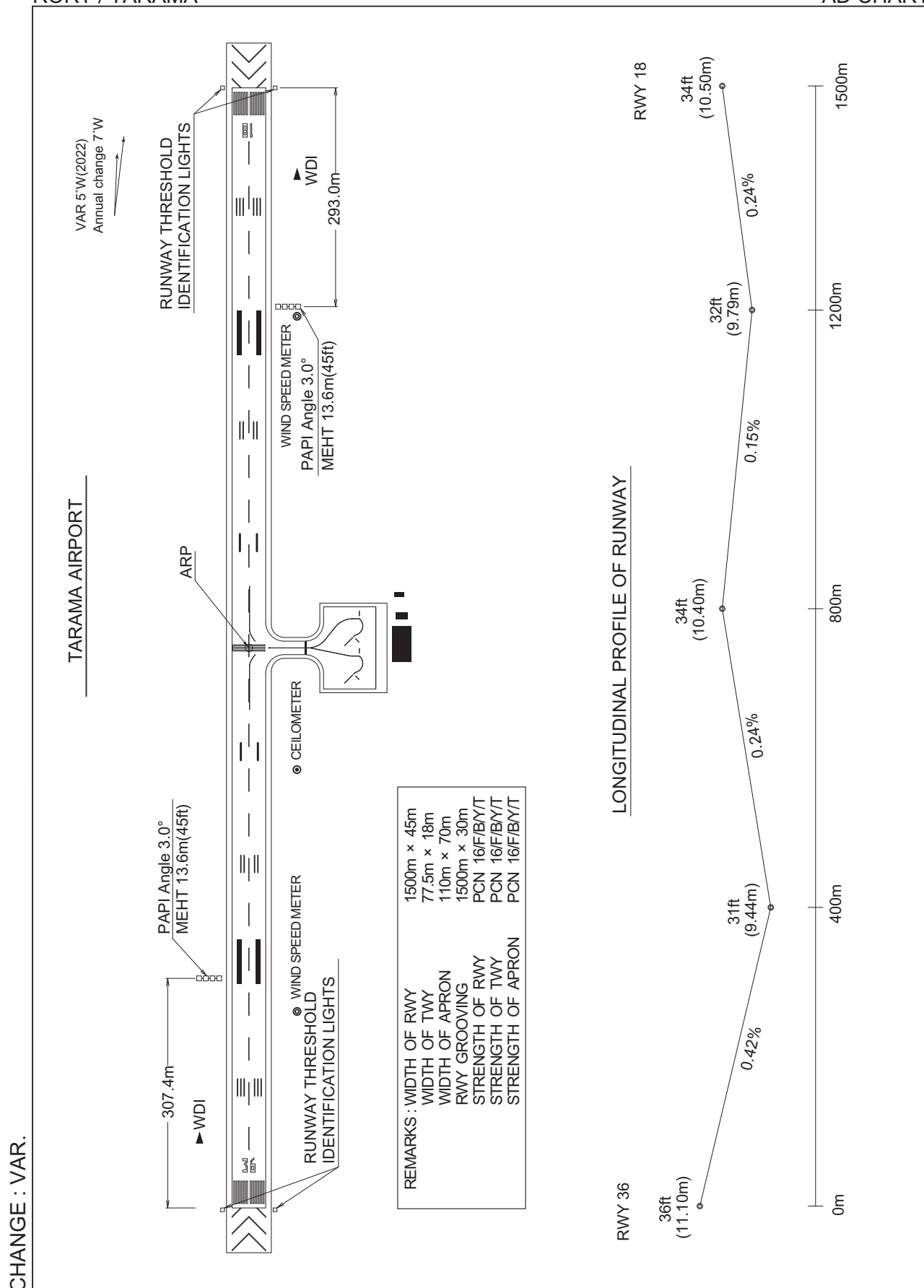
**RORT AD 2.24 CHARTS RELATED TO AN AERODROME**

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

**INTENTIONALLY LEFT BLANK**



## AD CHART



**INTENTIONALLY LEFT BLANK**

## RORT / TARAMA

## 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

## 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 : FIX symbol(GAHRA).

## 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<br>(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<br>(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<br>(069.8) | -4.9               | 11.4          | —              | —             | —            | —              | Basic RNP1               |

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

## INSTRUMENT APPROACH CHART

RORT / TARAMA

RNP RWY18



CHANGE:PROC renamed. Requirement for RNP:

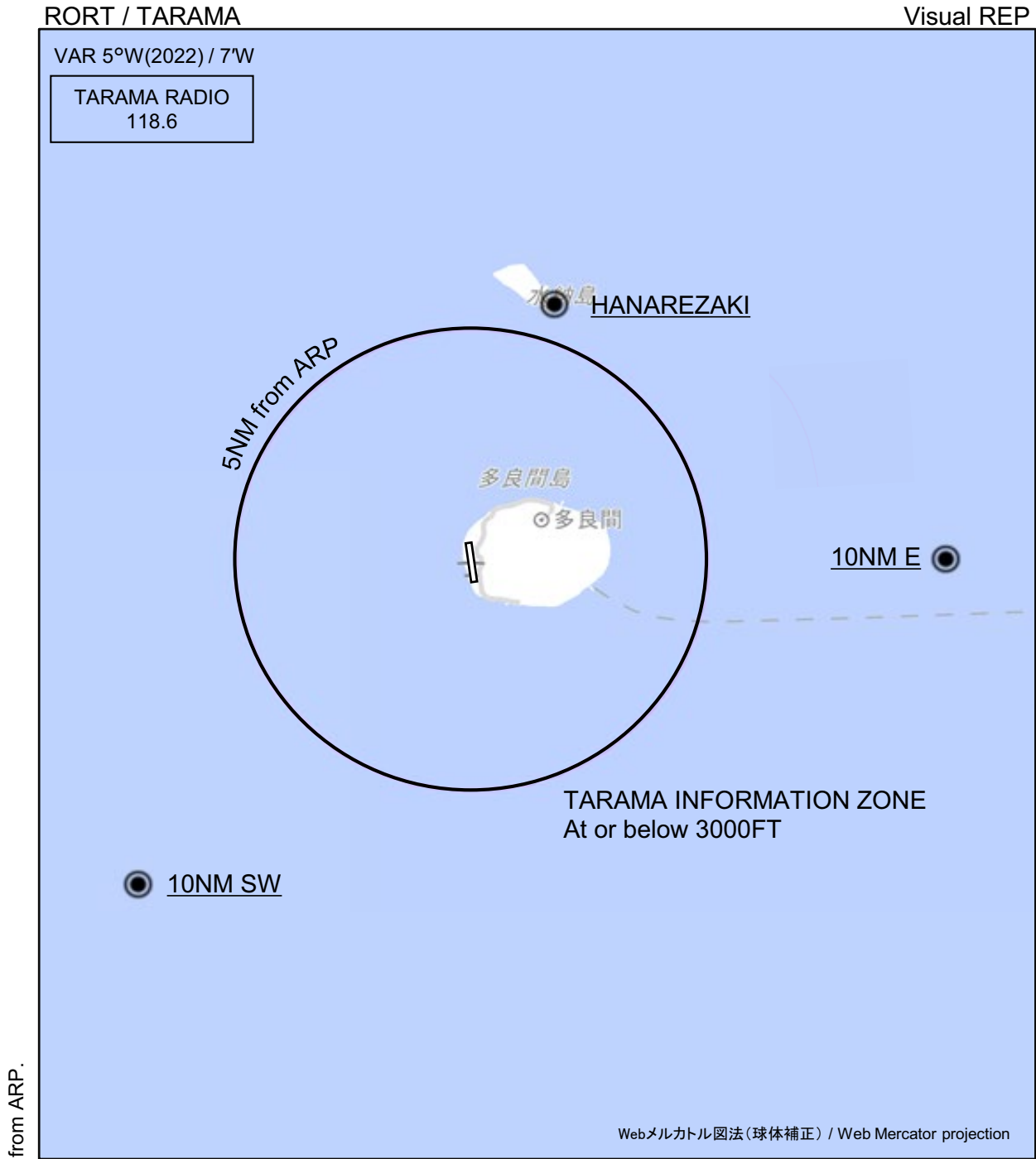
INSTRUMENT APPROACH CHART

RORT / TARAMA

RNP RWY36



CHANGE: PROC renamed. Requirement for RNP.



CHANGE : Map updated. BRG/DIST from ARP.

※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).

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

**INTENTIONALLY LEFT BLANK**