## AD 2 AERODROMES

### RJKB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

# RJKB - OKIERABU

### RJKB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | ARP coordinates and site at AD | *272554N/1284220E*<br>034° / 0.675km FM RWY 04 THR |
| 2 | Direction and distance from (city) | 80nm SW from AMAMI AP |
| 3 | Elevation/ Reference temperature | 88ft / 32°C(2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | Nil |
| 5 | MAG VAR/ Annual change | 5°W(2006)/ - |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | KAGOSHIMA PREF. PUBLIC AP.<br>4414-3, Kunigami,Wadomari-cho, Oshima-gun, Kagoshima Pref.<br>891-9101 JAPAN<br>Tel:0997-92-0520<br>Fax:0997-92-0750 |
| 7 | Types of traffic permitted(IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

### RJKB AD 2.3 OPERATIONAL HOURS

| | | |
|---|---|---|
| 1 | AD Administration | 2330 - 0930 (APR-SEP), 2330 - 0830 (OCT-MAR) |
| 2 | Customs and immigration | On request<br>Customs: 099-260-3125<br>Immigration: 099-222-5658 |
| 3 | Health and sanitation | Quarantine(human): On request(099-222-8670)<br>Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (FUKUOKA) |
| 7 | ATS | 2330 - 0930(APR-SEP)<br>2330 - 0830(OCT-MAR)<br>REMARKS: Airport Remote Mobile Communication Service provided by Kagoshima FSC. |
| 8 | Fuelling | 2330 - 0930(APR-SEP)<br>2330 - 0830(OCT-MAR) |
| 9 | Handling | Nil |
| 10 | Security | Nil |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

## RJKB AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | JET A-1 |
| 3 | Fuelling facilities/ capacity | Fueling facilities : Fuel truck, Capacity : 24kl / h |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

## RJKB AD 2.5 PASSENGER FACILITIES

| | | |
|---|---|---|
| 1 | Hotels | In the city. |
| 2 | Restaurants | Available, not continuous. |
| 3 | Transportation | Buses, taxies. |
| 4 | Medical facilities | In the city. |
| 5 | Bank and Post Office | In the city |
| 6 | Tourist Office | Not available. |
| 7 | Remarks | Nil |

## RJKB 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 | Nil |
| 4 | Remarks | Nil |

## RJKB AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

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

| | | |
|---|---|---|
| 1 | Apron surface and strength | Surface : Asphalt-Concrete, Strength : PCN 17/F/C/Y/T |
| 2 | Taxiway width, surface and strength | Width:18m, Surface:Asphalt-Concrete, Strength:PCN 17/F/C/Y/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Nil |
| 5 | INS checkpoints | Nil |
| 6 | Remarks | Nil |

## RJKB 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<br>(Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe<br>(LGT) Nil<br><br>TWY:<br>(Marking) TWY CL, RWY HLDG PSN, TWY side stripe |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area |

## RJKB AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

## RJKB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|---|---|---|
| 1 | Associated MET Office | FUKUOKA |
| 2 | Hours of service<br>MET Office outside hours | H24 (FUKUOKA) |
| 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 FUKUOKA |
| 6 | Flight documentation<br>Language(s) used | C<br>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 | REMOTE |
| 10 | Additional information(limitation of service, etc.) | Nil |

## RJKB 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 |
| 04 | 34.15° | 1350×45 | PCN 17/F/C/Y/T Asphalt-Concrete | Nil | THR ELEV: 98.8ft |
| 22 | 214.15° | 1350×45 | PCN 17/F/C/Y/T Asphalt-Concrete | Nil | THR ELEV: 78.8ft |

| Slope of RWY | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks |
|---|---|---|---|
| 7 | 10 | 11 | 14 |
| See AD2.24 AD chart | 1470x150<br>1470x150 | 40x(MNM:113 MAX:150)*<br>26x(MNM:120 MAX:146)*<br>*For detail, ask airport administrator | RWY Grooving: 1350m x 30m |

## RJKB AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 04 | 1350 | 1350 | 1350 | 1350 | Nil |
| 22 | 1350 | 1350 | 1350 | 1350 | Nil |

## RJKB 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 | Nil | Nil | PAPI<br>3.0°/LEFT<br>304m<br>45ft | Nil | Nil | Nil | Nil | Nil |
| 22 | Nil | Nil | PAPI<br>3.0°/LEFT<br>253.4m<br>45ft | Nil | Nil | Nil | Nil | Nil |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| RWY THR ID LGT for RWY 04/22 THR(Color : White) | | | | | | | | |

## RJKB 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 :<br>RWY04 : 310m FM RWY 04 THR, LGTD<br>RWY22 : 260m FM RWY 22 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 | WDI : AVBL |

## RJKB AD 2.16 HELICOPTER LANDING AREA

| |
|---|
| Nil |

## RJKB 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 |
| Okierabu Information Zone | Area within a radius of 5nm(9km) of Okierabu ARP | 3,000ft or below | E | OKIERABU REMOTE En | |

## RJKB AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| A/G | OKIERABU REMOTE | 118.05MHZ | 2330 - 0930 (APR-SEP)<br>2330 - 0830 (OCT-MAR) | Remote air-ground facility controlled by Kagoshima FSC |

## RJKB 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 (5°W / 2014) | ONC | 113.1MHZ | H24 | *272558.38N 1284156.27E* | | |
| TACAN | ONC | 1165MHZ (CH-78X) | H24 | *272600.15N 1284156.09E* | 218ft | TACAN AZM unusable:<br>360°-020° beyond 30NM BLW 3,000ft<br>050°-085° beyond 30NM BLW 3,000ft<br>200°-210° beyond 30NM BLW 3,000ft<br>210°-220° beyond 25NM BLW 3,000ft<br>220°-250° beyond 30NM BLW 3,000ft<br>295°-305° beyond 30NM BLW 3,000ft<br>340°-350° beyond 35NM BLW 3,000ft |
| MSAS | | 1575.42MHZ | H24 | | | Transmitting antennas are satellite based |

## RJKB 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

## RJKB AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

## RJKB AD 2.22 FLIGHT PROCEDURES

**TAKE OFF MINIMA**

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL marking | | NIL (DAYTIME ONLY) | |
|---|---|---|---|---|---|---|---|---|
| | | | RVR | VIS | RVR | CEIL-VIS | RVR | CEIL-VIS |
| Multi-Engine ACFT with TKOF ALTN AP Filed | 04 | A, B, C | - | - | - | 0-400m | - | 0-500m |
| | 22 | | | | | 200-1600m | | 200-1600m |
| OTHER | 04 | A, B, C | AVBL LDG MINIMA | | | | | |
| | 22 | | | | | | | |

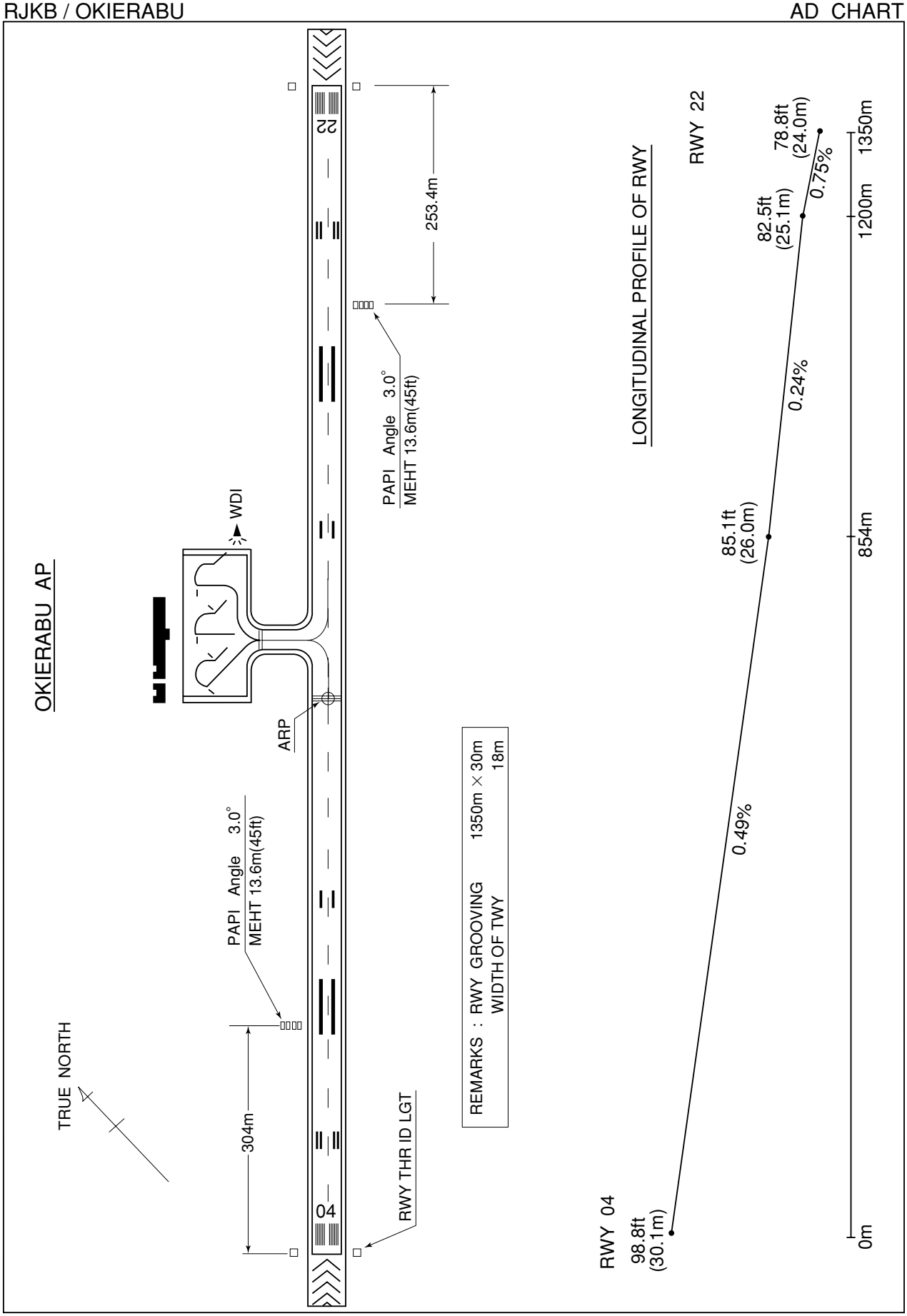
## RJKB AD 2.23 ADDITIONAL INFORMATION

Nil

## RJKB AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (MEKAX NORTH, YUWAN, ASATO, ERABU REVERSAL)
Standard Departure Chart - Instrument (NEORI, AZEFU, SONNA, YUNTA-RNAV)
Standard Arrival Chart - Instrument (HACHA SOUTH, PINNE SOUTH)
Standard Arrival Chart - Instrument (HACHA NORTH, HACHA EAST, PINNE EAST)
Instrument Approach Chart (VOR Z RWY04)
Instrument Approach Chart (VOR Y RWY04)
Instrument Approach Chart (RNAV(GNSS) RWY04)
Instrument Approach Chart (VOR RWY22)
Instrument Approach Chart (RNAV(GNSS) RWY22)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

RJKB / OKIERABU AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU SID

MEKAX NORTH TWO DEPARTURE

RWY04：Climb RWY HDG until 500FT, turn left...
RWY22：Climb RWY HDG until 600FT, turn left...
... via ONC R026 to MEKAX.

YUWAN FIVE DEPARTURE

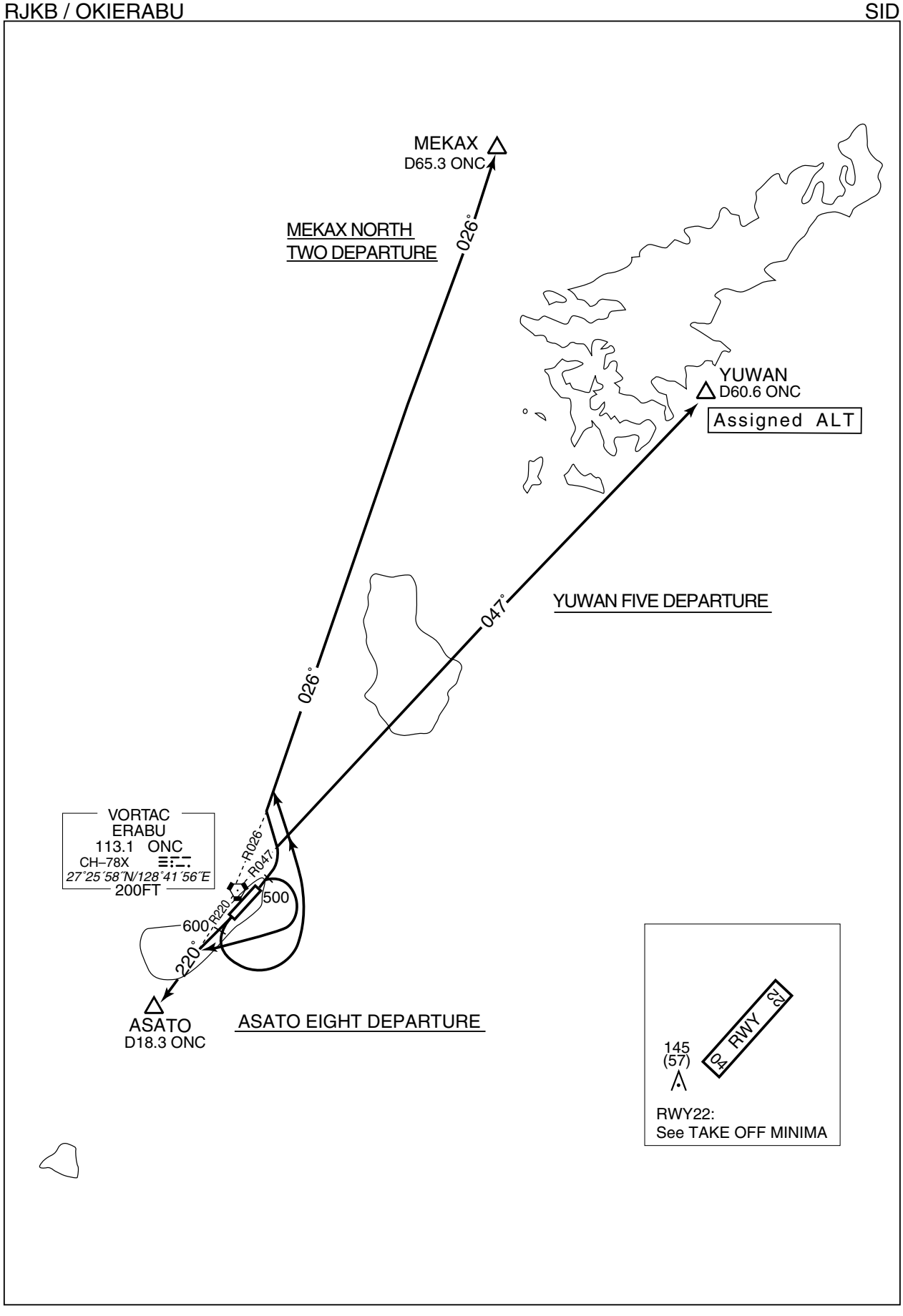
RWY04：Climb RWY HDG until 500FT,...
RWY22：Climb RWY HDG until 600FT, turn left...
... via ONC R047 to YUWAN.
Cross YUWAN at assigned altitude.

ASATO EIGHT DEPARTURE

RWY04：Climb RWY HDG until 500FT, turn right...
RWY22：Climb RWY HDG until 600FT,...
... via ONC R220 to ASATO.

**STANDARD DEPARTURE CHART - INSTRUMENT**

RJKB / OKIERABU SID



**STANDARD DEPARTURE CHART - INSTRUMENT**

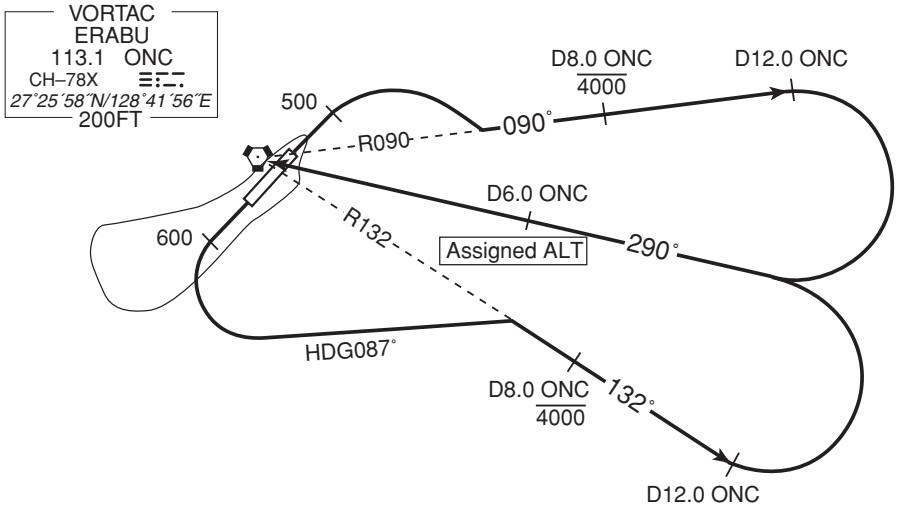
RJKB / OKIERABU SID

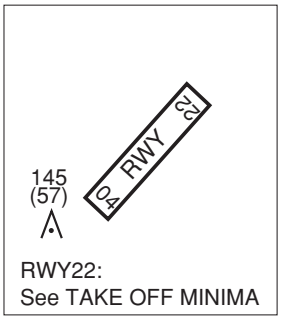
## ERABU REVERSAL ONE DEPARTURE

RWY04： Climb RWY HDG until 500FT, turn right, via ONC R090 to ONC 12.0DME, turn right, via ONC R110 to ONC VORTAC.
Cross ONC R090/8.0DME at or below 4000FT, cross ONC R110/6.0DME at assigned altitude.

RWY22： Climb RWY HDG until 600FT, turn left HDG087 to intercept and proceed via ONC R132 to ONC 12.0DME, turn left, via ONC R110 to ONC VORTAC.
Cross ONC R132/8.0DME at or below 4000FT, cross ONC R110/6.0DME at assigned altitude.

## ERABU REVERSAL ONE DEPARTURE



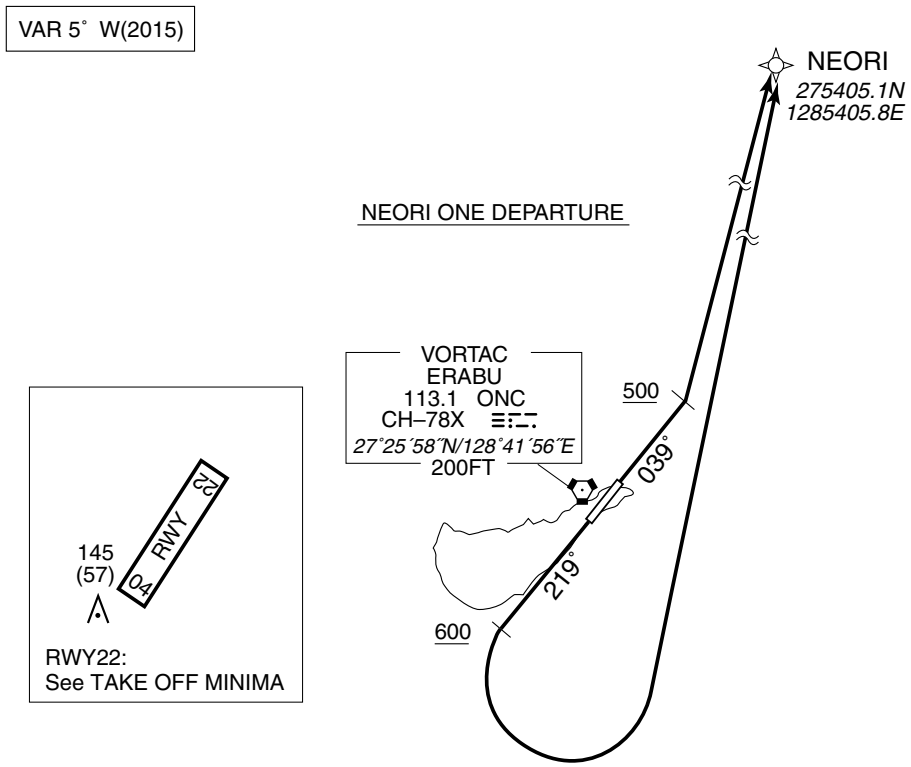
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

| NEORI ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




NEORI ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn left direct to NEORI.
RWY22: Climb on HDG219° at or above 600FT, turn left direct to NEORI.

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 | – | – | 039 (034.1) | -5.4 | – | – | +500 | – | – | Basic RNP1 |
| 002 | DF | NEORI | – | – | -5.4 | – | L | – | – | – | Basic 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 | – | – | 219 (214.1) | -5.4 | – | – | +600 | – | – | Basic RNP1 |
| 002 | DF | NEORI | – | – | -5.4 | – | L | – | – | – | Basic RNP1 |

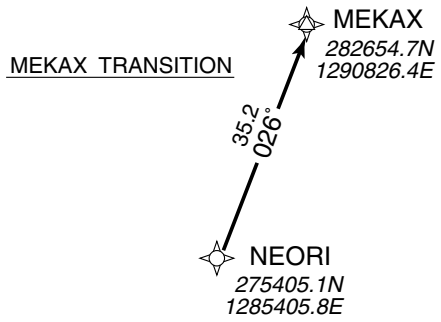
**STANDARD DEPARTURE CHART - INSTRUMENT**

RJKB / OKIERABU

RNAV TRANSITION

| MEKAX TRANSITION | | RNAV1 |
|---|---|---|
| Note 1 ) DME/DME/IRU or GNSS required. | Critical DME | ALT : 28NM to MEKAX - MEKAX<br>ONC : 13NM to MEKAX - MEKAX |
| 2 ) RADAR service required. | DME GAP | NEORI - 28NM to MEKAX |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 5° W(2015)




MEKAX TRANSITION

From NEORI to MEKAX.

| 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 | NEORI | – | – | -5.4 | – | – | – | – | – | RNAV1 |
| 002 | TF | MEKAX | – | 026 (021.0) | -5.4 | 35.2 | – | – | – | – | RNAV1 |

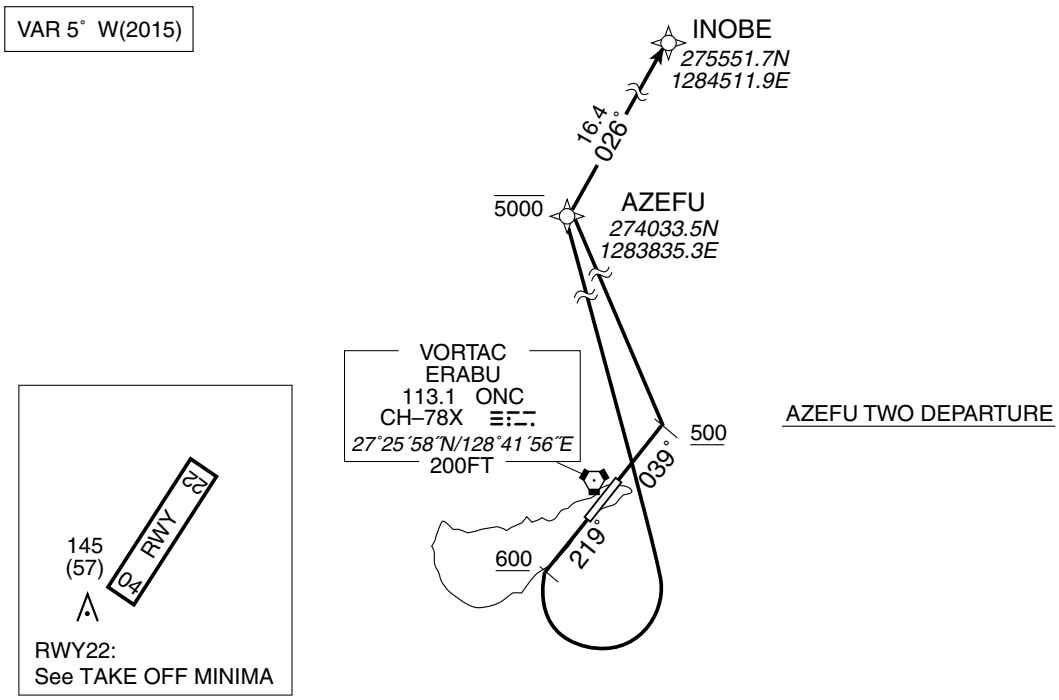
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

| AZEFU TWO DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




AZEFU TWO DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

RWY22: Climb on HDG219° at or above 600FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

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 | – | – | 039 (034.1) | -5.4 | – | – | +500 | – | – | Basic RNP1 |
| 002 | DF | AZEFU | – | – | -5.4 | – | L | –5000 | – | – | Basic RNP1 |
| 003 | TF | INOBE | – | 026 (020.9) | -5.4 | 16.4 | – | – | – | – | Basic 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 | – | – | 219 (214.1) | -5.4 | – | – | +600 | – | – | Basic RNP1 |
| 002 | DF | AZEFU | – | – | -5.4 | – | L | –5000 | – | – | Basic RNP1 |
| 003 | TF | INOBE | – | 026 (020.9) | -5.4 | 16.4 | – | – | – | – | Basic RNP1 |

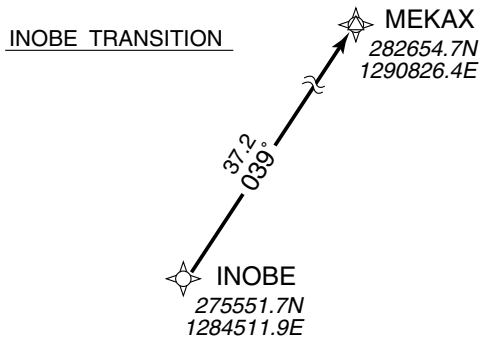
**STANDARD DEPARTURE CHART - INSTRUMENT**

RJKB / OKIERABU

RNAV TRANSITION

| INOBE TRANSITION | | RNAV1 |
|---|---|---|
| Note 1 ) DME/DME/IRU or GNSS required. | Critical DME | ALT : INOBE - MEKAX<br>ONC : INOBE - 28NM to MEKAX<br>13NM to MEKAX - MEKAX |
| 2 ) RADAR service required. | DME GAP | – |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 5° W(2015)




INOBE TRANSITION

From INOBE to MEKAX.

| 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 | INOBE | – | – | -5.4 | – | – | – | – | – | RNAV1 |
| 002 | TF | MEKAX | – | 039 (033.3) | -5.4 | 37.2 | – | – | – | – | RNAV1 |

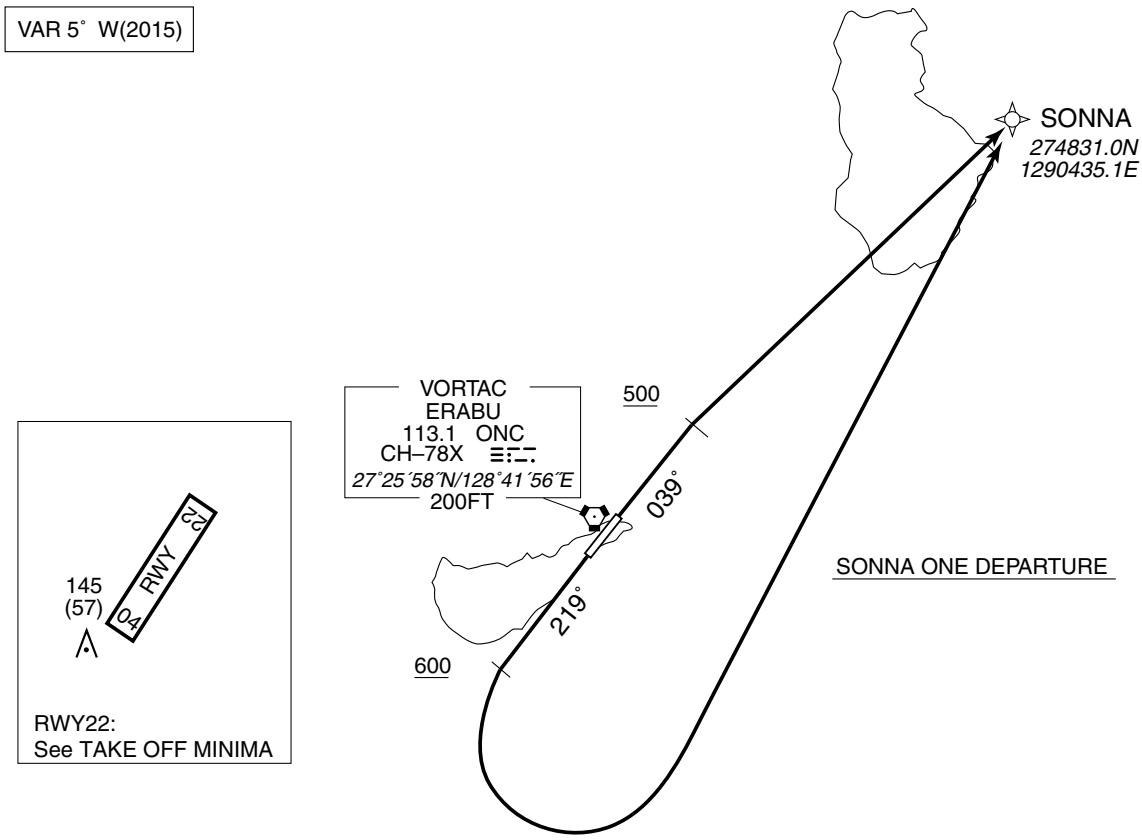
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

| SONNA ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




SONNA ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, direct to SONNA.

RWY22: Climb on HDG219° at or above 600FT, turn left direct to SONNA.

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 | – | – | 039 (034.1) | -5.4 | – | – | +500 | – | – | Basic RNP1 |
| 002 | DF | SONNA | – | – | -5.4 | – | – | – | – | – | Basic 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 | – | – | 219 (214.1) | -5.4 | – | – | +600 | – | – | Basic RNP1 |
| 002 | DF | SONNA | – | – | -5.4 | – | L | – | – | – | Basic RNP1 |

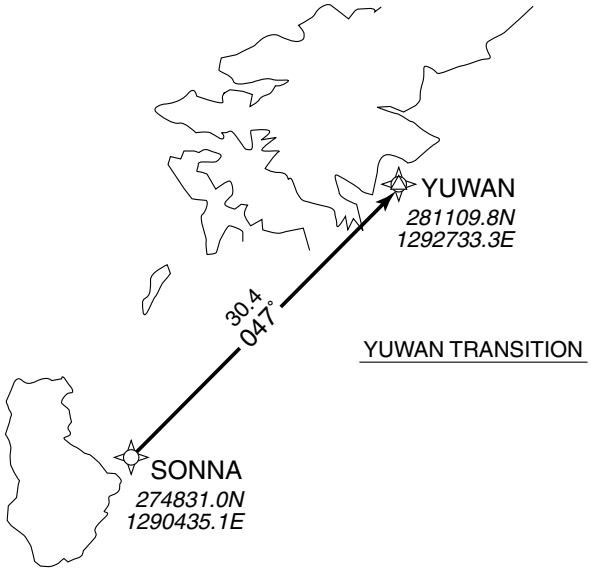
**STANDARD DEPARTURE CHART - INSTRUMENT**

RJKB / OKIERABU

RNAV TRANSITION

| YUWAN TRANSITION | | RNAV1 |
|---|---|---|
| Note 1 ) DME/DME/IRU or GNSS required. | Critical DME | TKE, ALT : 23NM to YUWAN - 20NM to YUWAN |
| 2 ) RADAR service required. | DME GAP | SONNA - 23NM to YUWAN<br>20NM to YUWAN - YUWAN |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 5° W(2015)




YUWAN TRANSITION

From SONNA to YUWAN.

| 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 | SONNA | – | – | -5.4 | – | – | – | – | – | RNAV1 |
| 002 | TF | YUWAN | – | 047 (041.8) | -5.4 | 30.4 | – | – | – | – | RNAV1 |

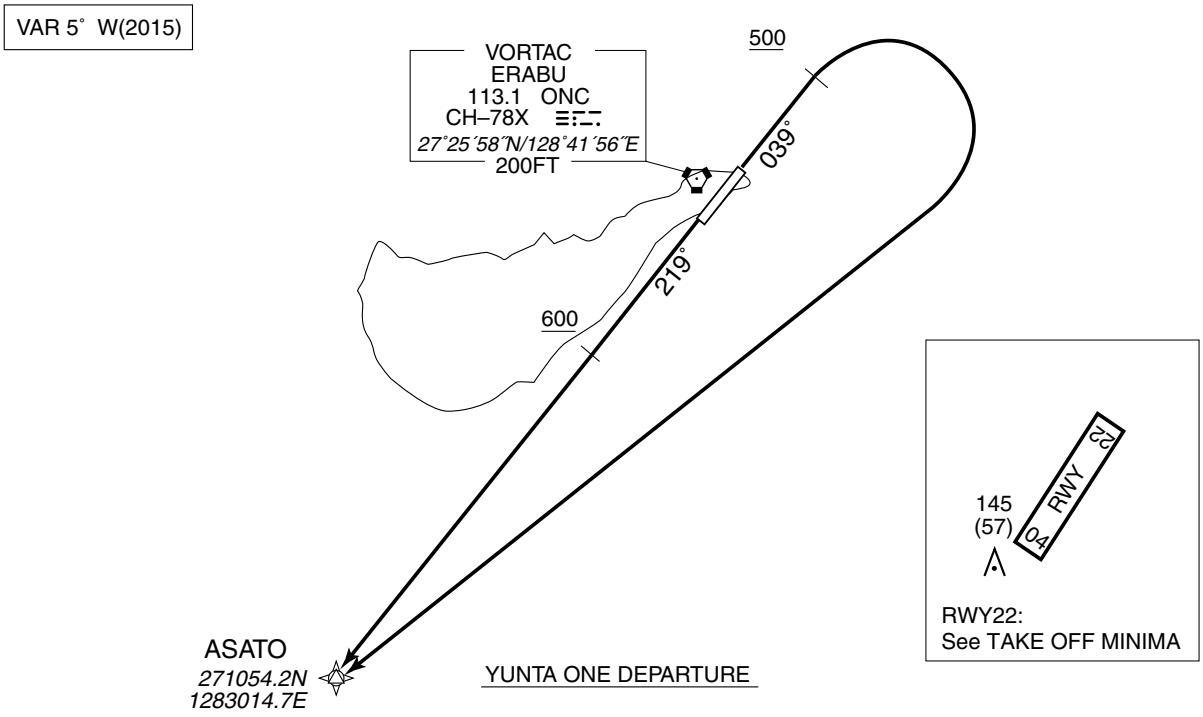
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

| YUNTA ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




YUNTA ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn right direct to ASATO.
RWY22: Climb on HDG219° at or above 600FT, direct to ASATO.

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 | – | – | 039 (034.1) | -5.4 | – | – | +500 | – | – | Basic RNP1 |
| 002 | DF | ASATO | – | – | -5.4 | – | R | – | – | – | Basic 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 | – | – | 219 (214.1) | -5.4 | – | – | +600 | – | – | Basic RNP1 |
| 002 | DF | ASATO | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |

**STANDARD ARRIVAL CHART - INSTRUMENT**

RJKB / OKIERABU

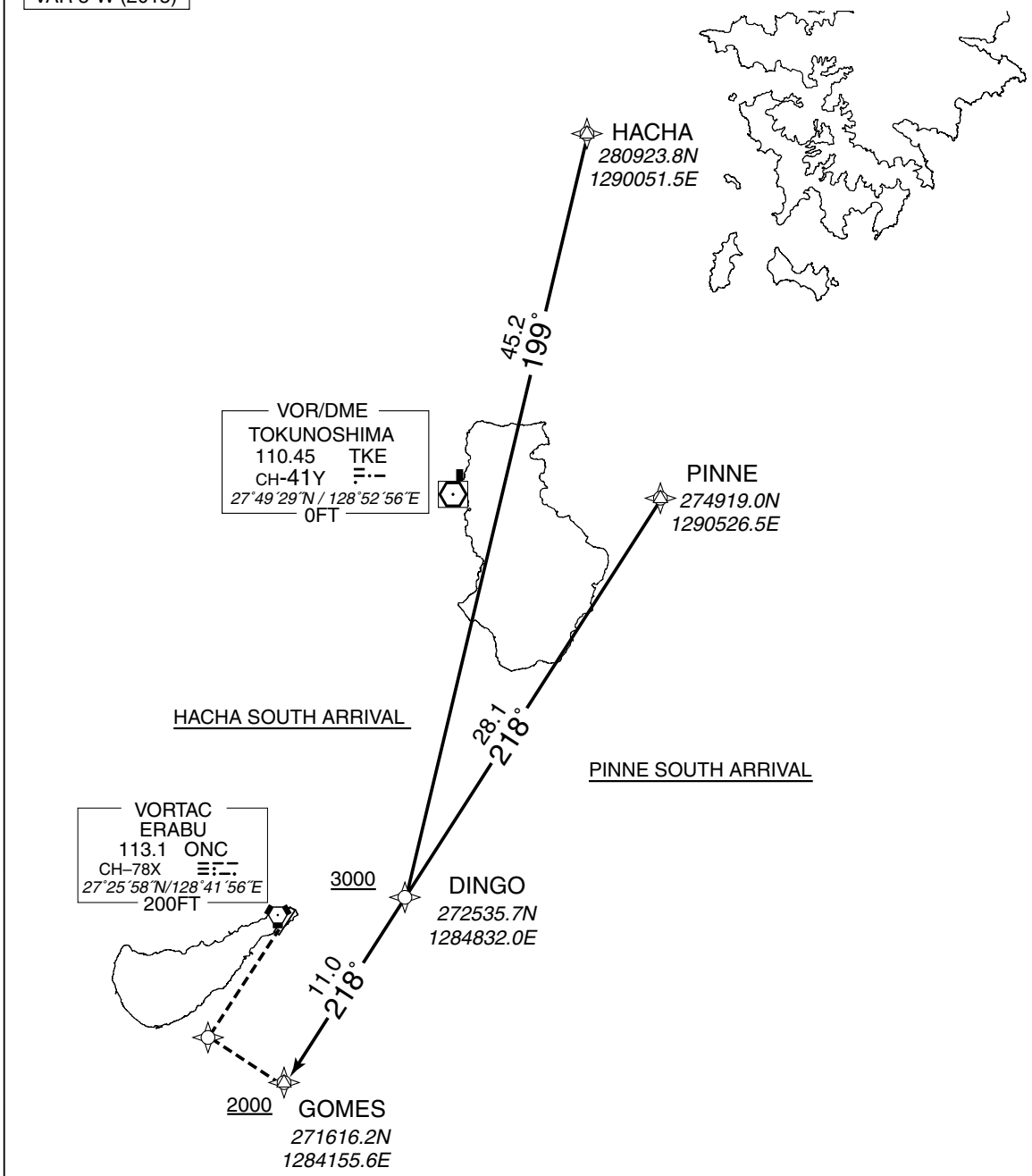
RNAV STAR RWY04

HACHA SOUTH ARRIVAL
PINNE SOUTH ARRIVAL

Basic RNP1

Note GNSS required.

VAR 5˚W (2015)



STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU RNAV STAR RWY04

## HACHA SOUTH ARRIVAL

From HACHA, to DINGO at or above 3000FT, to GOMES at or above 2000FT.

| 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 | HACHA | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |
| 002 | TF | DINGO | – | 199 (194.0) | -5.4 | 45.2 | – | +3000 | – | – | Basic RNP1 |
| 003 | TF | GOMES | – | 218 (212.2) | -5.4 | 11.0 | – | +2000 | – | – | Basic RNP1 |

## PINNE SOUTH ARRIVAL

From PINNE, to DINGO at or above 3000FT, to GOMES at or above 2000FT.

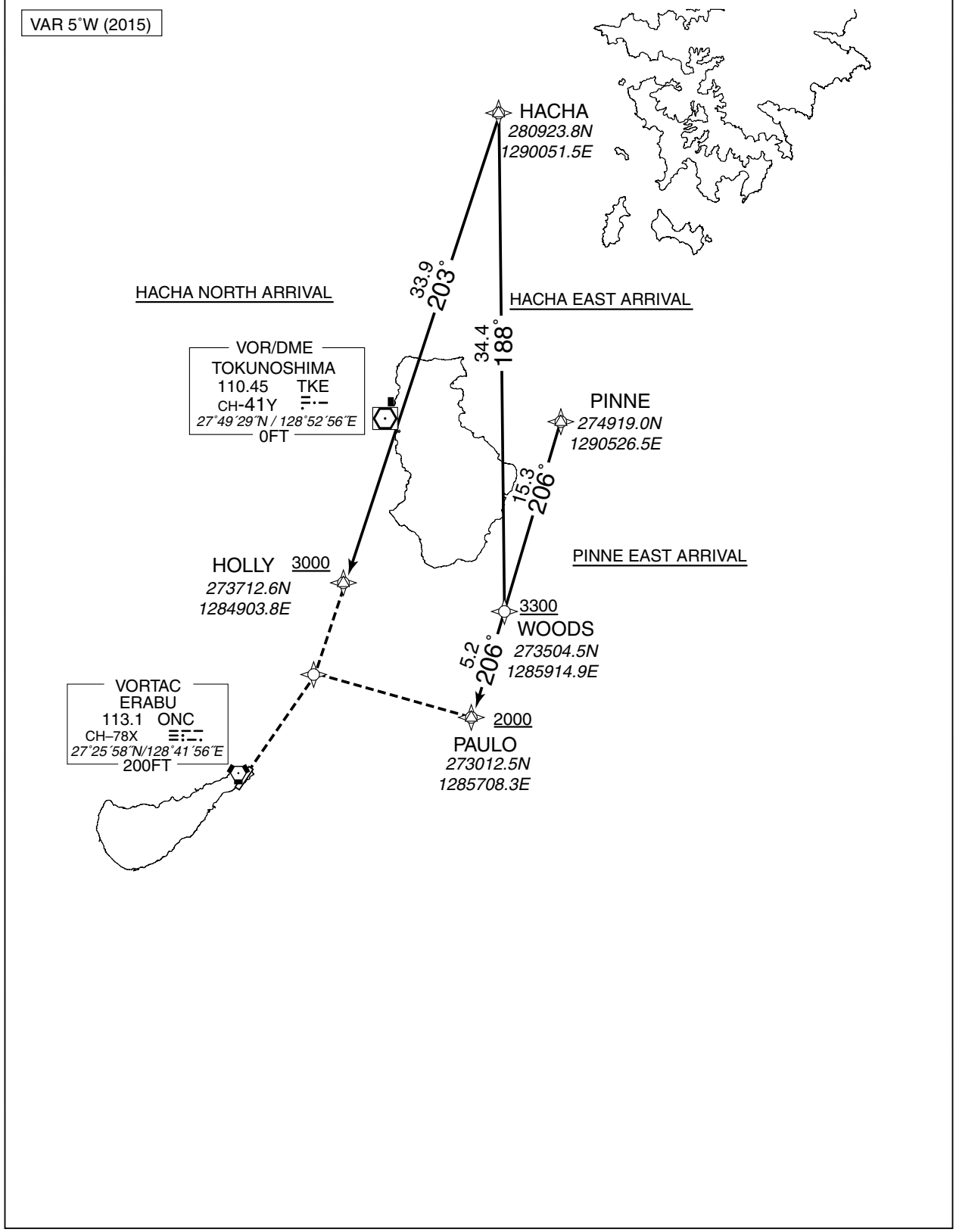
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course ˚M(˚T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | IF | PINNE | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |
| 002 | TF | DINGO | – | 218 (212.3) | -5.4 | 28.1 | – | +3000 | – | – | Basic RNP1 |
| 003 | TF | GOMES | – | 218 (212.2) | -5.4 | 11.0 | – | +2000 | – | – | Basic RNP1 |

**STANDARD ARRIVAL CHART - INSTRUMENT**

RJKB / OKIERABU RNAV STAR RWY22

| HACHA NORTH ARRIVAL<br>HACHA EAST ARRIVAL<br>PINNE EAST ARRIVAL | Basic RNP1 |
|---|---|

Note GNSS required.



STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU RNAV STAR RWY22

## HACHA NORTH ARRIVAL

From HACHA, to HOLLY at or above 3000FT.

| 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 | HACHA | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |
| 002 | TF | HOLLY | – | 203 (198.0) | -5.4 | 33.9 | – | +3000 | – | – | Basic RNP1 |

## HACHA EAST ARRIVAL

From HACHA, to WOODS at or above 3300FT, to PAULO at or above 2000FT.

| 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 | HACHA | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |
| 002 | TF | WOODS | – | 188 (182.4) | -5.4 | 34.4 | – | +3300 | – | – | Basic RNP1 |
| 003 | TF | PAULO | – | 206 (201.0) | -5.4 | 5.2 | – | +2000 | – | – | Basic RNP1 |

## PINNE EAST ARRIVAL

From PINNE, to WOODS at or above 3300FT, to PAULO at or above 2000FT.

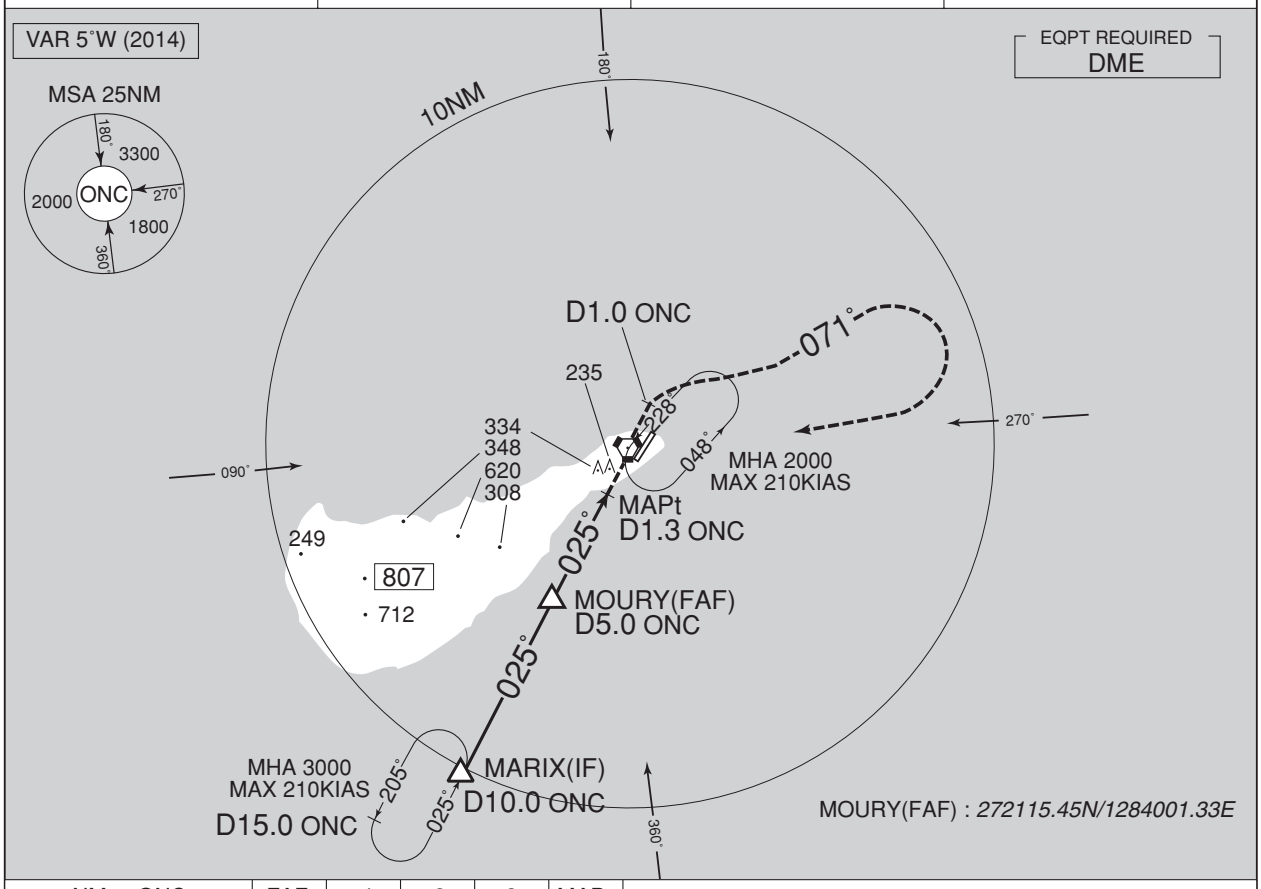
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course ˚M(˚T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | IF | PINNE | – | – | -5.4 | – | – | – | – | – | Basic RNP1 |
| 002 | TF | WOODS | – | 206 (201.1) | -5.4 | 15.3 | – | +3300 | – | – | Basic RNP1 |
| 003 | TF | PAULO | – | 206 (201.0) | -5.4 | 5.2 | – | +2000 | – | – | Basic RNP1 |

**INSTRUMENT APPROACH CHART**

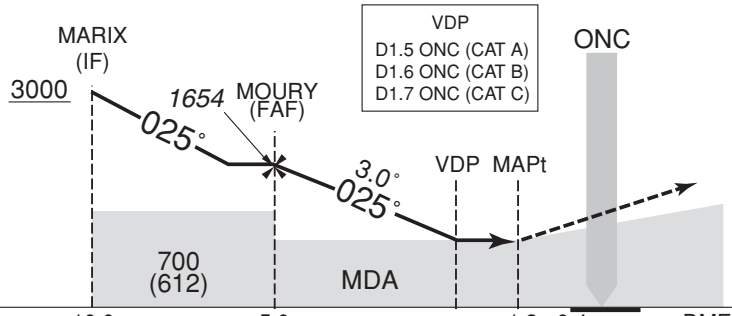
RJKB / OKIERABU

VOR Z RWY04

| KOBE CONTROL | ERABU VORTAC | OKIERABU REMOTE | NO RADAR |
|---|---|---|---|
| 132.3 - 255.2 | 113.1 ONC<br>CH – 78X<br>*27°25′58″N / 128°41′56″E* | 118.05 | |




| NM to ONC | FAF | 4 | 3 | 2 | MAPt |
|---|---|---|---|---|---|
| ALT (3.0° APCH Path) | 1654 | 1335 | 1017 | 698 | – |




MISSED APPROACH
Climb via ONC R025 to ONC 1.0DME, turn right to intercept and proceed via ONC R071 to 2000FT, turn right, direct to ONC VORTAC and hold.
Contact OKIERABU REMOTE.

Timing not authorized for defining the MAPt.

| | | | | | |
|---|---|---|---|---|---|
| 10.0 | 5.0 | | 1.3 | 0.4 | DME to ONC |
| 9.7 | 4.7 | | 1.0 | 0 | NM to THR |

MINIMA THR elev. 98 AD elev. 88

| CAT | | | CIRCLING | |
|---|---|---|---|---|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 490 (402) | 1500 | 500 (412) | 1600 |
| B | 510 (422) | | 540 (452) | |
| C | 540 (452) | 2000 | | 2400 |
| D | – | – | – | – |

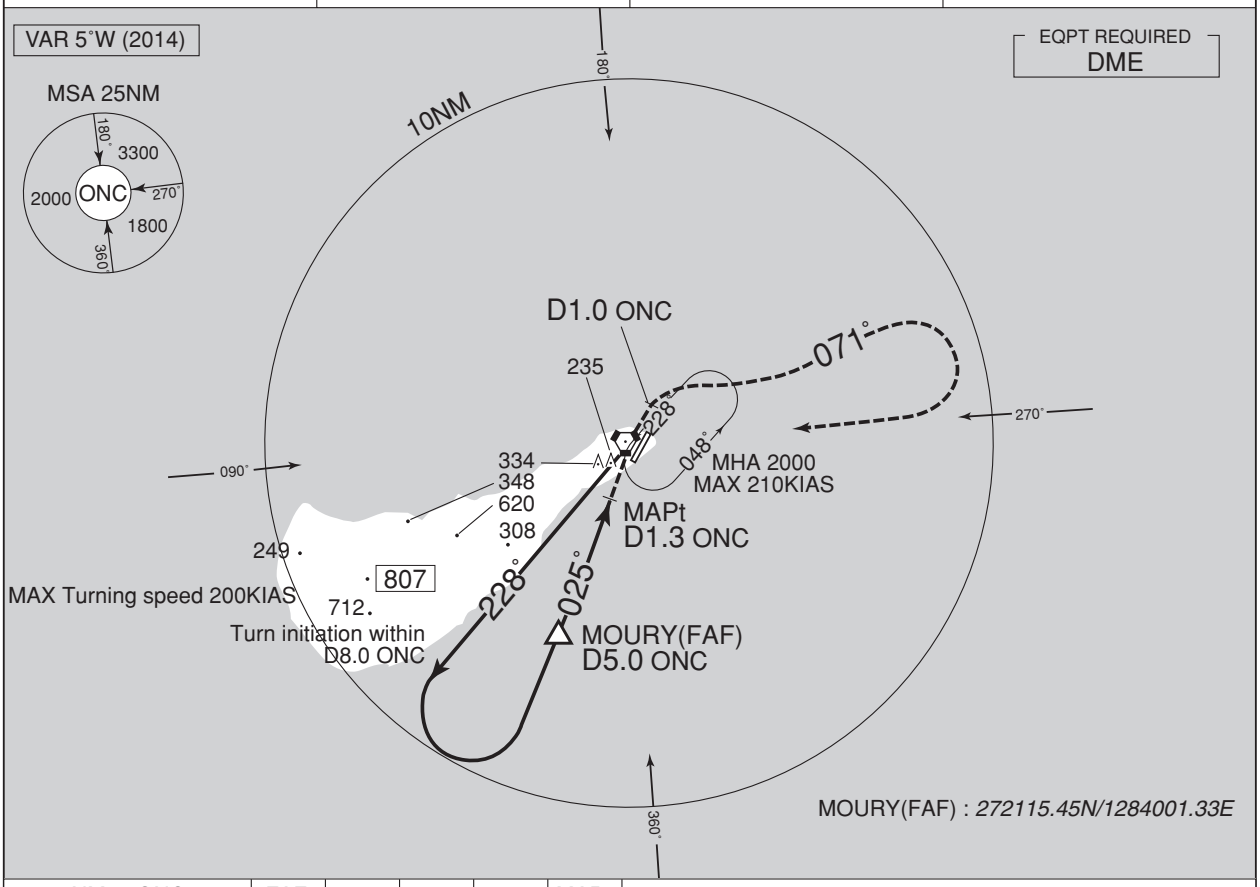
Circling to EAST side of RWY only.

CHANGE : COM

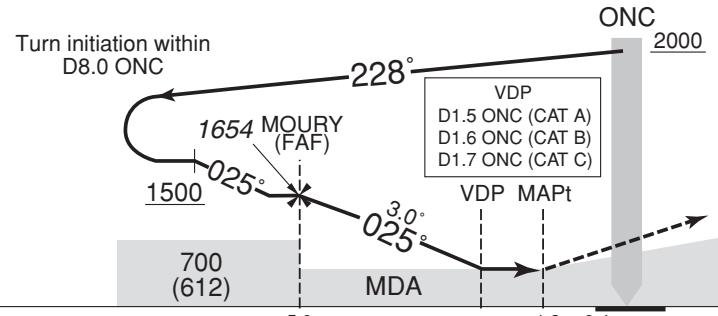
**INSTRUMENT APPROACH CHART**

RJKB / OKIERABU — VOR Y RWY04

| KOBE CONTROL | ERABU VORTAC<br>113.1 ONC<br>CH–78X<br>*27°25′58″N / 128°41′56″E* | OKIERABU REMOTE | NO RADAR |
|---|---|---|---|
| 132.3 – 255.2 | | 118.05 | |




| NM to ONC | FAF | 4 | 3 | 2 | MAPt |
|---|---|---|---|---|---|
| ALT (3.0° APCH Path) | 1654 | 1335 | 1017 | 698 | – |




MISSED APPROACH
Climb via ONC R025 to ONC 1.0DME, turn right to intercept and proceed via ONC R071 to 2000FT, turn right, direct to ONC VORTAC and hold.
Contact OKIERABU REMOTE.

Timing not authorized for defining the MAPt.

| | | | | |
|---|---|---|---|---|
| 5.0 | | 1.3 | 0.4 | DME to ONC |
| 4.7 | | 1.0 | 0 | NM to THR |

MINIMA THR elev. 98 AD elev. 88

| CAT | | | CIRCLING | |
|---|---|---|---|---|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 490 (402) | 1500 | 500 (412) | 1600 |
| B | 510 (422) | | 540 (452) | |
| C | 540 (452) | 2000 | | 2400 |
| D | – | – | – | – |

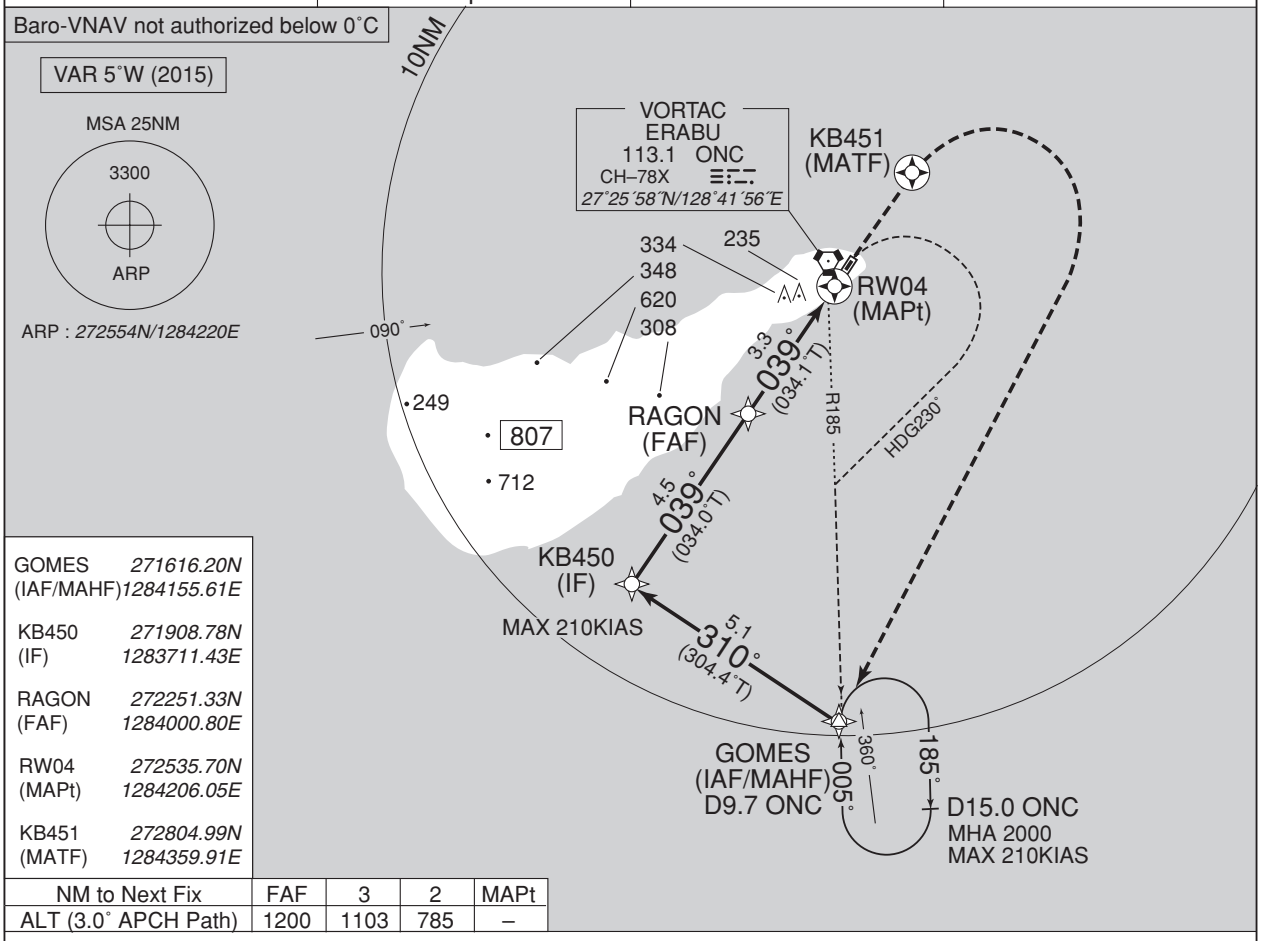
Circling to EAST side of RWY only.

CHANGE : COM

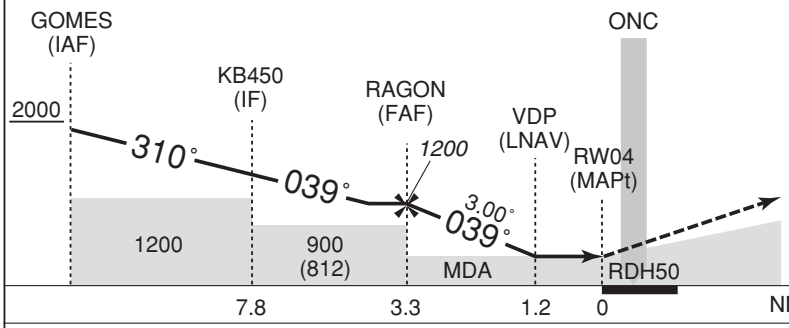
**INSTRUMENT APPROACH CHART**

RJKB / OKIERABU — RNAV(GNSS) RWY04

| KOBE CONTROL | 1. DME/DME RNP0.3 not authorized.<br>2. RNP0.3 required.<br>3. GNSS required. | OKIERABU REMOTE | NO RADAR |
|---|---|---|---|
| 132.3 - 255.2 | | 118.05 | |




| NM to Next Fix | FAF | 3 | 2 | MAPt |
|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | 1200 | 1103 | 785 | – |




MISSED APPROACH

Direct to KB451, turn right direct to GOMES and hold at 2000FT.
Contact OKIERABU REMOTE.

(For using VORTAC)
Turn right HDG230˚ to intercept and proceed via ONC R185 to GOMES and hold at 2000FT.
Contact OKIERABU REMOTE.

MINIMA THR elev. 98 AD elev. 88

| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|---|---|---|---|---|---|---|
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | 500 (402) | 1500 | 500 (412) | 1500 | 500 (412) | 1600 |
| B | | | | | 540 (452) | |
| C | | 1800 | | 1800 | | 2400 |
| D | – | – | – | – | – | – |

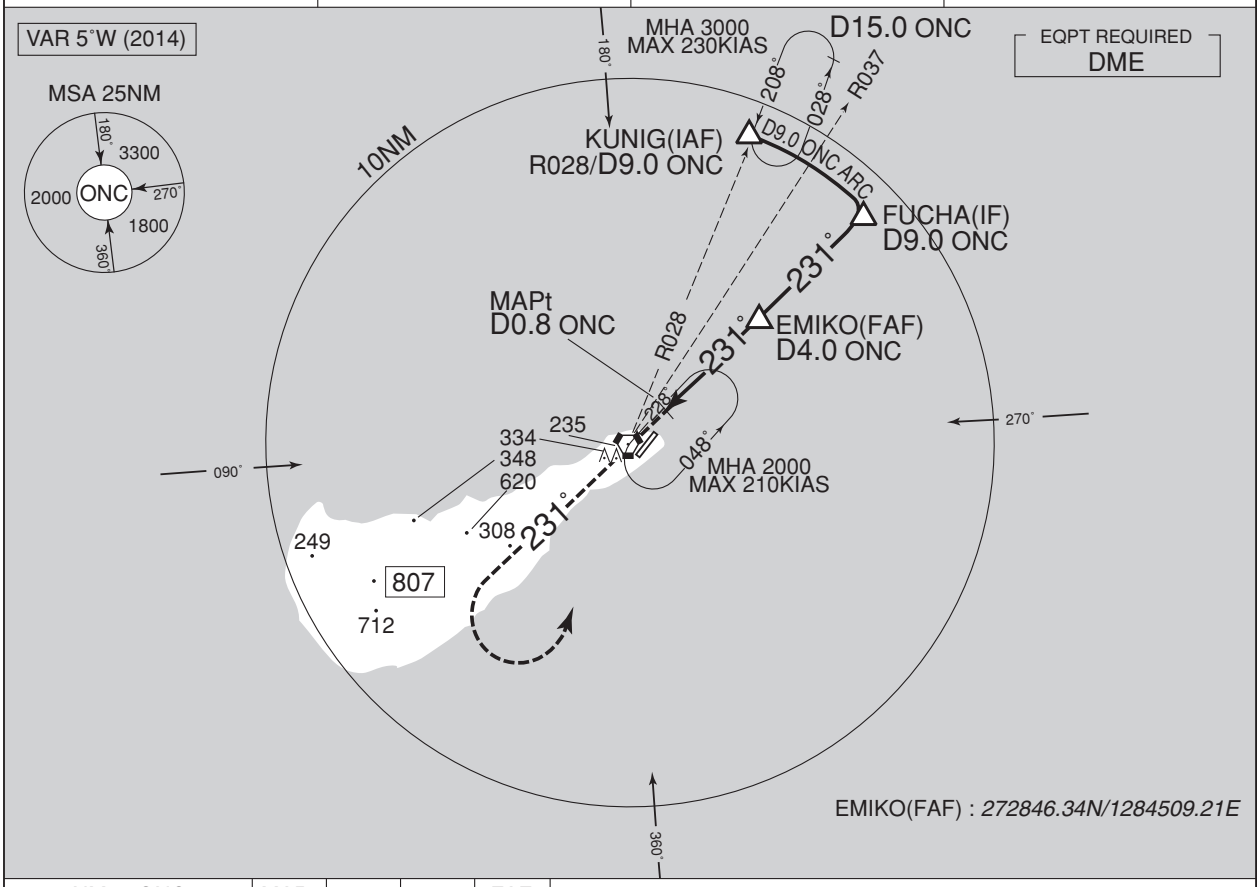
Circling to EAST side of RWY only.

CHANGE : COM

**INSTRUMENT APPROACH CHART**

RJKB / OKIERABU VOR RWY22

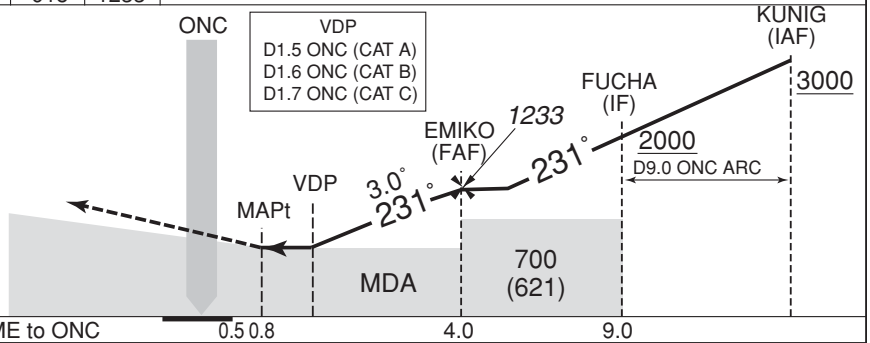
| KOBE CONTROL | ERABU VORTAC<br>113.1 ONC<br>CH – 78X<br>*27°25′58″N / 128°41′56″E* | OKIERABU REMOTE | NO RADAR |
|---|---|---|---|
| 132.3 – 255.2 | | 118.05 | |




| NM to ONC | MAPt | 2 | 3 | FAF |
|---|---|---|---|---|
| ALT (3.0° APCH Path) | – | 596 | 915 | 1233 |

MISSED APPROACH
Climb via ONC R231 to 2000FT, turn left, direct to ONC VORTAC and hold.
Contact OKIERABU REMOTE.

Timing not authorized for defining the MAPt.




| DME to ONC | 0.5 | 0.8 | 4.0 | 9.0 |
|---|---|---|---|---|
| NM to THR | 0 | 0.3 | 3.5 | 8.5 |

MINIMA THR elev. 79 AD elev. 88

| CAT | | | CIRCLING | |
|---|---|---|---|---|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 420 (341) | 1500 | 500 (412) | 1600 |
| B | 460 (381) | | 540 (452) | |
| C | 490 (411) | 1800 | | 2400 |
| D | – | – | – | – |

Circling to EAST side of RWY only.

CHANGE : COM

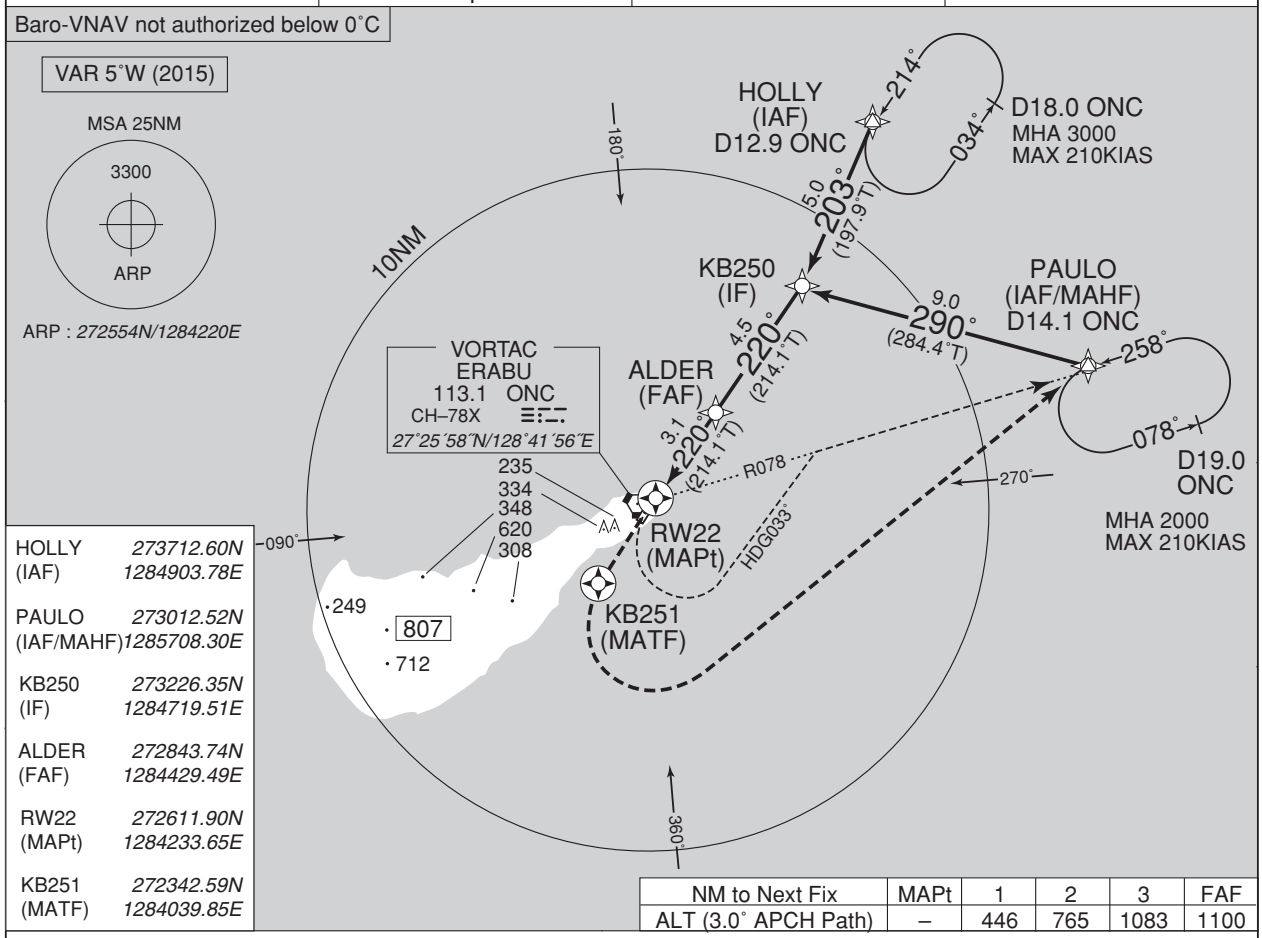
**INSTRUMENT APPROACH CHART**

RJKB / OKIERABU

RNAV(GNSS) RWY22

| KOBE CONTROL | 1. DME/DME RNP0.3 not authorized.<br>2. RNP0.3 required.<br>3. GNSS required. | OKIERABU REMOTE | NO RADAR |
|---|---|---|---|
| 132.3 - 255.2 | | 118.05 | |

Baro-VNAV not authorized below 0˚C



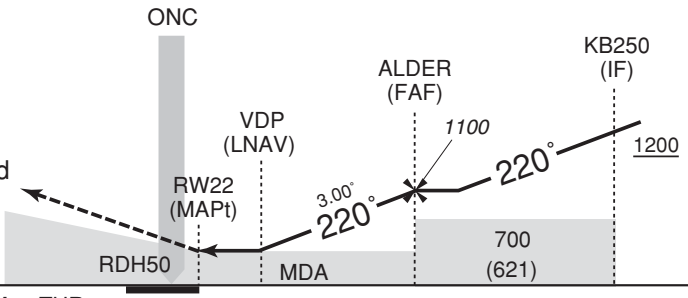

| | |
|---|---|
| HOLLY (IAF) | 273712.60N 1284903.78E |
| PAULO (IAF/MAHF) | 273012.52N 1285708.30E |
| KB250 (IF) | 273226.35N 1284719.51E |
| ALDER (FAF) | 272843.74N 1284429.49E |
| RW22 (MAPt) | 272611.90N 1284233.65E |
| KB251 (MATF) | 272342.59N 1284039.85E |

| NM to Next Fix | MAPt | 1 | 2 | 3 | FAF |
|---|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | – | 446 | 765 | 1083 | 1100 |

MISSED APPROACH

Direct to KB251, turn left direct to PAULO and hold at 2000FT.
Contact OKIERABU REMOTE.

(For using VORTAC)
Turn left HDG033˚ to intercept and proceed via ONC R078 to PAULO and hold at 2000FT.
Contact OKIERABU REMOTE.



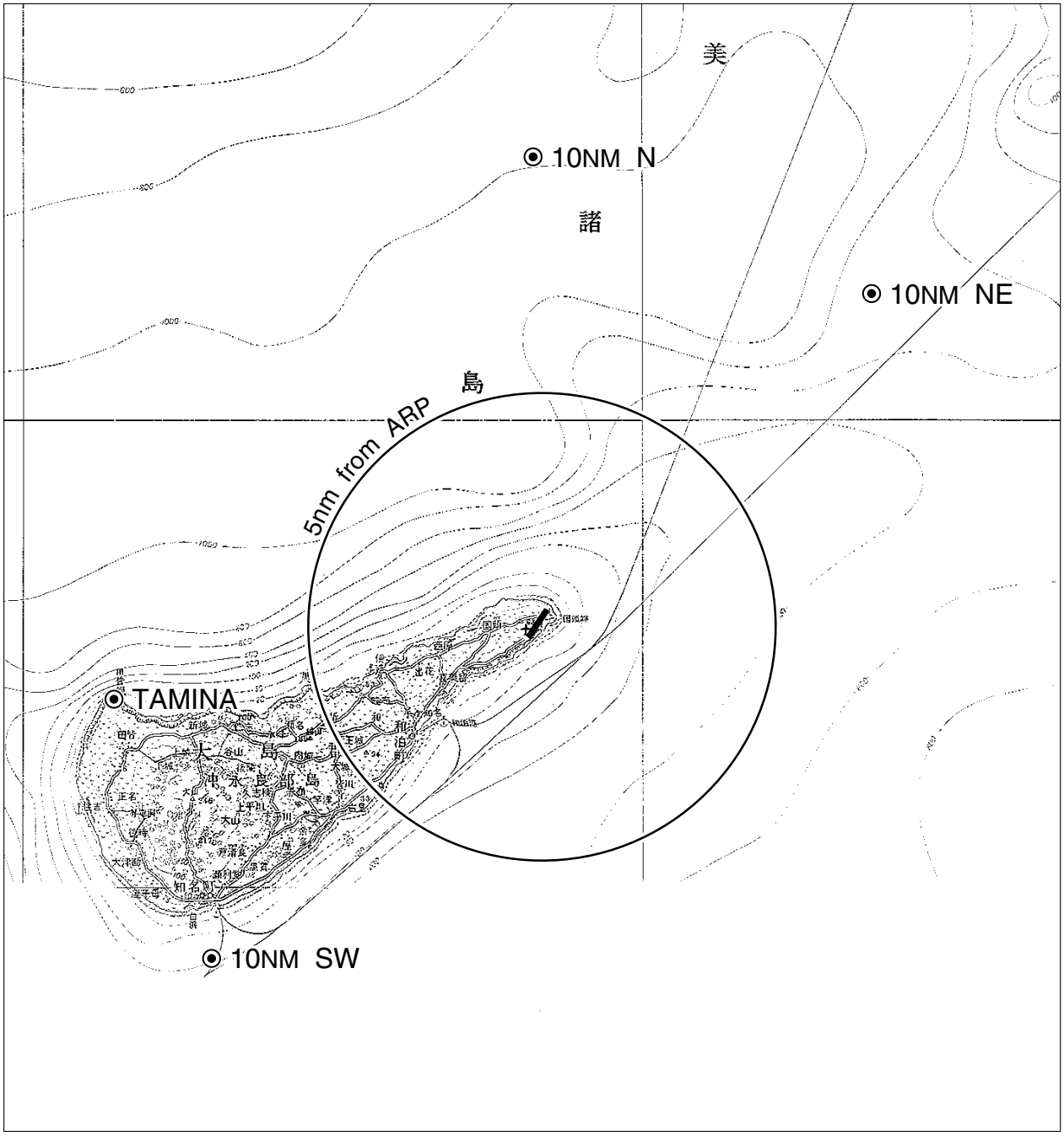

MINIMA THR elev. 79 AD elev. 88

| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|---|---|---|---|---|---|---|
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | 440 (361) | 1500 | 440 (361) | 1500 | 500 (412) | 1600 |
| B | | | | | 540 (452) | |
| C | | 1800 | | 1800 | | 2400 |
| D | – | – | – | – | – | – |

Circling to EAST side of RWY only.

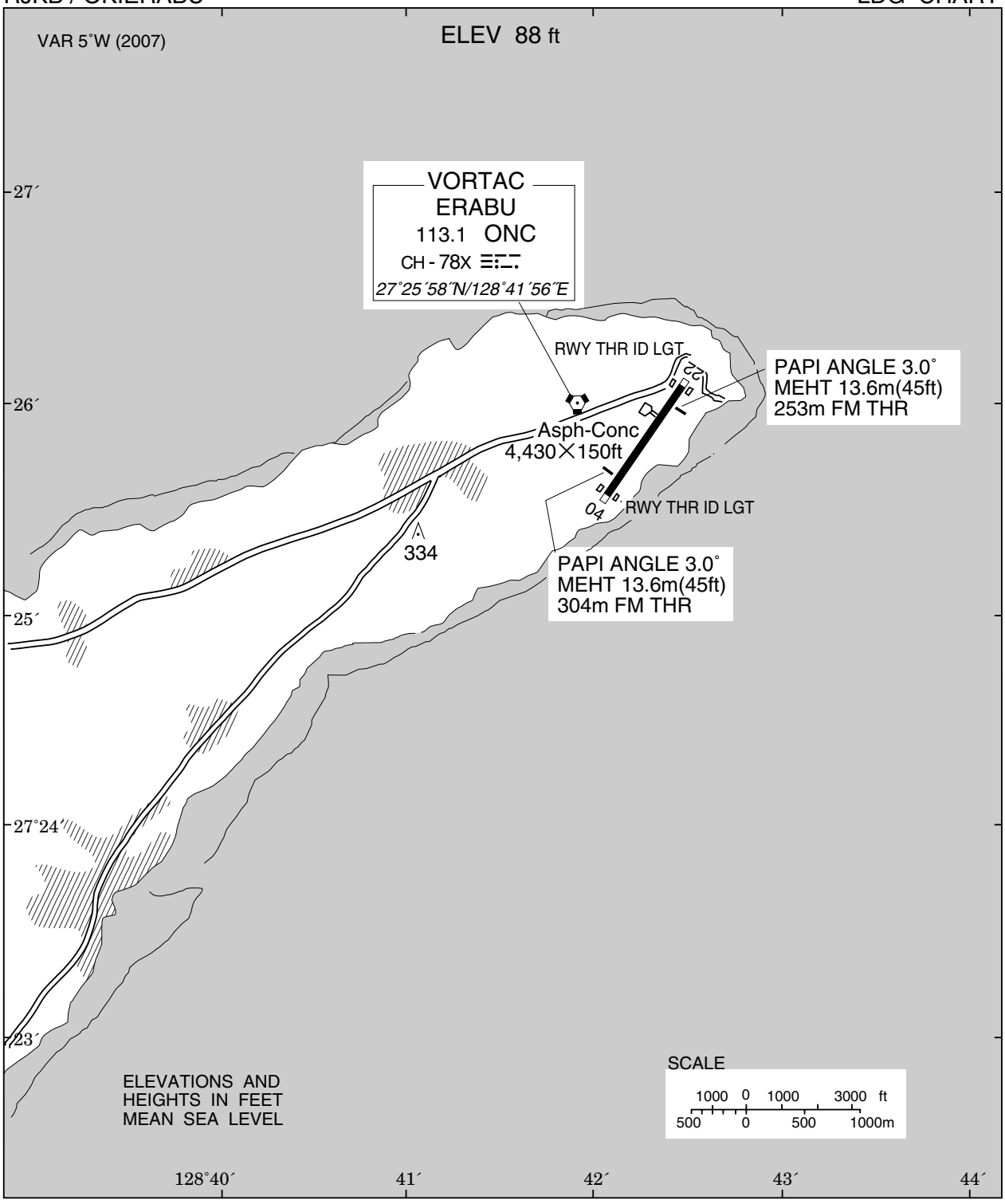
CHANGE : COM

RJKB / OKIERABU Visual REP




| Call sign | BRG / DIST from ARP | Remarks |
|---|---|---|
| 10NM N | 000˚/ 10NM | 海上<br>Over the sea |
| 10NM NE | 045˚/ 10NM | 海上<br>Over the sea |
| 10NM SW | 225˚/ 10NM | 海上<br>Over the sea |
| 田　　皆<br>Tamina | 260˚/9.5NM | 岬<br>Cape |

RJKB / OKIERABU LDG CHART



RJKB / OKIERABU Minimum Vectoring Altitude CHART