

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 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 | 6°W(2021)/ 6°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | KAGOSHIMA PREF. PUBLIC AP. 4414-3, Kunigami,Wadamari-cho, Oshima-gun, Kagoshima Pref. 891-9101 JAPAN Tel:0997-92-0520 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 Customs: 099-260-3125 Immigration: 099-222-5658 |
| 3 | Health and sanitation | Quarantine(human): On request(099-222-8670) 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) 2330 - 0830(OCT-MAR) Remarks: AFIS provided by Kagoshima Airport Office. |
| 8 | Fuelling | 2330 - 0930(APR-SEP) 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 5 |
| 2 | Rescue equipment | Chemical fire fighting truck x 1 |
| 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: PCR 268/F/C/X/T |
| 2 | Taxiway width, surface and strength | Width: 18m, Surface: Asphalt-Concrete, Strength: PCR 268/F/C/X/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 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) Nil TWY: (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 MET Office outside hours | H24 (FUKUOKA) |
| 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 FUKUOKA |
| 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 _F , 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 |

RJKB 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 |
| 04 | 34.15° | 1350x45 | PCR 268/F/C/X/T Asphalt-Concrete | 272535.70N1284206.12E | THR ELEV: 99ft |
| 22 | 214.15° | 1350x45 | PCR 268/F/C/X/T Asphalt-Concrete | 272611.98N1284233.74E | THR ELEV: 79ft |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | | Remarks |
| 7 | | 10 | 11 | | 14 |
| See AD2.24 AD chart | | 1470x150 1470x150 | 40x(MNM:113 MAX:150)* 26x(MNM:120 MAX:146)* *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 3.0°/LEFT 304m 45ft | Nil | Nil | Nil | Nil | Nil |
| 22 | Nil | Nil | PAPI 3.0°/LEFT 253.4m 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 Anemometer location and LGT | LDI : Nil Anemometer : RWY04 : 340m FM RWY 04 THR, LGTD RWY22 : 327m 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 RADIO En | |
| Naha ACA | See ROAH attached chart | | E | NAHA APP En | |

RJKB AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|----------------|-----------------------|--|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| APP | NAHA APPROACH | 124.95MHZ 280.1MHZ | 2330 - 0930 (APR-SEP) 2330 - 0830 (OCT-MAR) | |
| AFIS | OKIERABU RADIO | 118.05MHZ | 2330 - 0930 (APR-SEP) 2330 - 0830 (OCT-MAR) | Operated by Kagoshima Airport Office |

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: 360°-020° beyond 30NM BLW 3,000ft 050°-085° beyond 30NM BLW 3,000ft 200°-210° beyond 30NM BLW 3,000ft 210°-220° beyond 25NM BLW 3,000ft 220°-250° beyond 30NM BLW 3,000ft 295°-305° beyond 30NM BLW 3,000ft 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**1.TAKE OFF MINIMA**

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

2.Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Naha Approach are lost for one minute, squawk Mode A/3 Code 7600 and;

- 1) Contact Okierabu Radio.
- 2) If unable, proceed in accordance with Visual Flight Rules.
- 3) If unable, proceed to Erabu VORTAC at the last assigned altitude, or 2,000 feet whichever is higher, and execute instrument approach.

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

RJKB AD 2.23 ADDITIONAL INFORMATION

Nil

RJKB AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart

Standard Departure Chart - Instrument (ERABU REVERSAL)

Standard Departure Chart - Instrument (NEORI, AZEFU, SONNA, YUNTA-RNAV)

Standard Departure Chart - Instrument (HORAI-RNAV)

Standard Arrival Chart - Instrument (HACHA SOUTH, PINNE SOUTH)

Standard Arrival Chart - Instrument (HACHA NORTH, HACHA EAST, PINNE NORTH, PINNE EAST)

Instrument Approach Chart (VOR RWY04)

Instrument Approach Chart (RNP RWY04)

Instrument Approach Chart (VOR RWY22)

Instrument Approach Chart (RNP RWY22)

Other Chart (Visual REP)

Other Chart (LDG CHART)

Other Chart (MVA CHART)

AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

SID

ERABU REVERSAL TWO DEPARTURE

RWY04 : Climb RWY HDG to 500FT, turn right, via ONC R090 to ONC 12.0DME, turn right, via ONC R110 to ONC VORTAC.

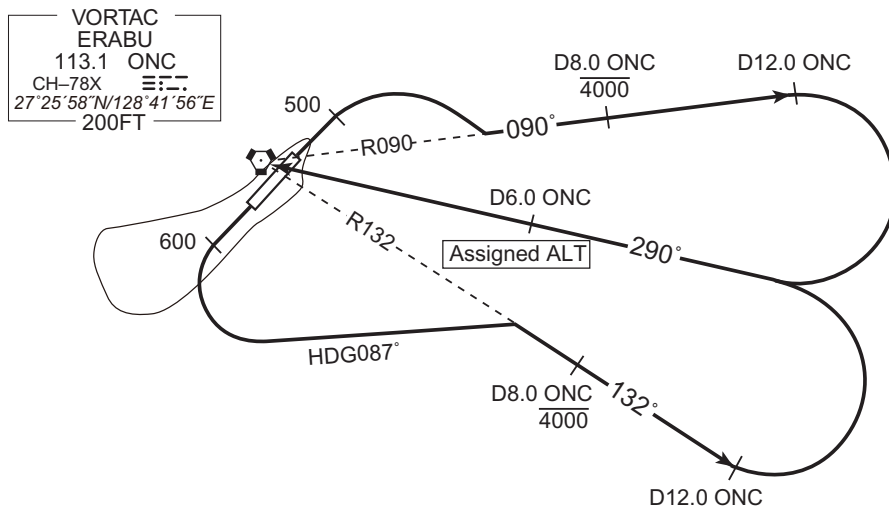
Cross ONC R090/8.0DME at or below 4000FT, cross ONC R110/6.0DME at assigned altitude.

RWY22 : Climb RWY HDG to 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.

Note RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

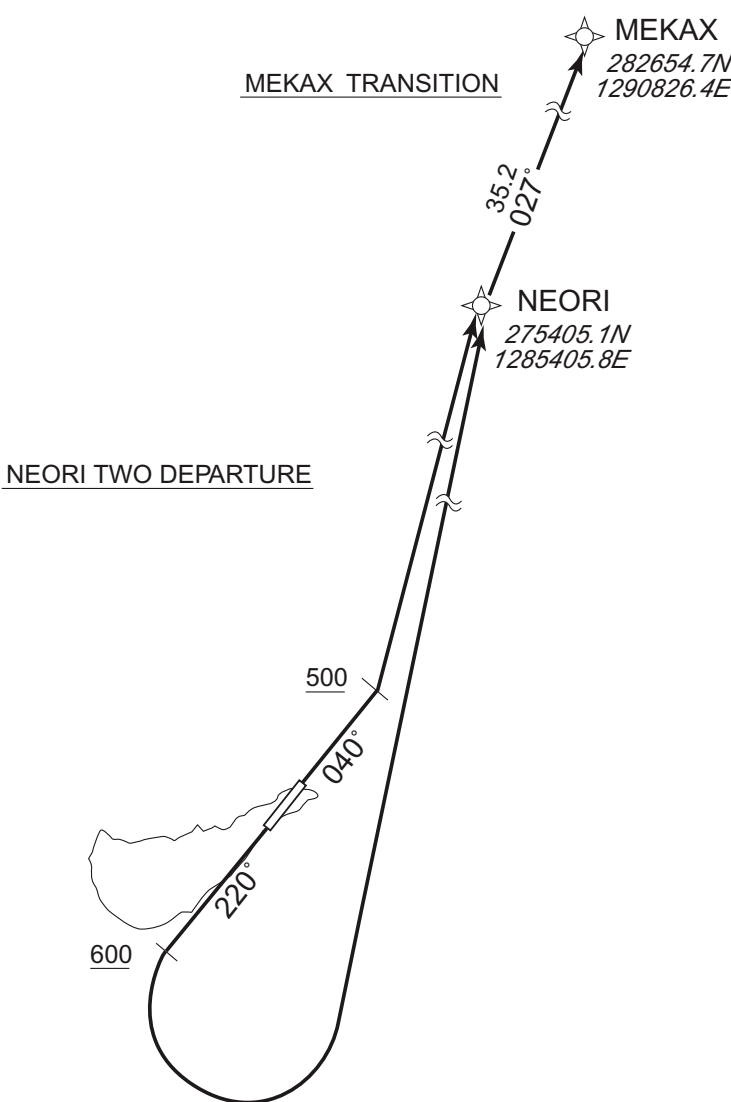


CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

| NEORI TWO DEPARTURE MEKAX TRANSITION | | RNP1 |
|---|--|------|
| Note GNSS required. | | |
| <div><div>VAR 6° W</div><div><div>MEKAX 282654.7N 1290826.4E</div><div>MEKAX TRANSITION</div><div>35.2 027°</div><div>NEORI 275405.1N 1285405.8E</div><div>NEORI TWO DEPARTURE</div><div>500</div><div>040°</div><div>600</div><div>220°</div></div></div> | | |
| <div><div>NEORI TWO DEPARTURE</div><div>RWY04: Climb on HDG040° at or above 500FT, turn left direct to NEORI. RWY22: Climb on HDG220° at or above 600FT, turn left direct to NEORI. Note RWY22 : 5.0% climb gradient required up to 600FT. OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.</div></div> | | |
| <div><div>MEKAX TRANSITION</div><div>From NEORI to MEKAX.</div></div> | | |

CHANGE : PROC name added. MEKAX TRANSITION added.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

NEORI TWO DEPARTURE

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 | — | — | 040 (034.0) | -6.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | NEORI | — | — | -6.2 | — | L | — | — | — | 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 | — | — | 220 (214.0) | -6.2 | — | — | +600 | — | — | RNP1 |
| 002 | DF | NEORI | — | — | -6.2 | — | L | — | — | — | RNP1 |

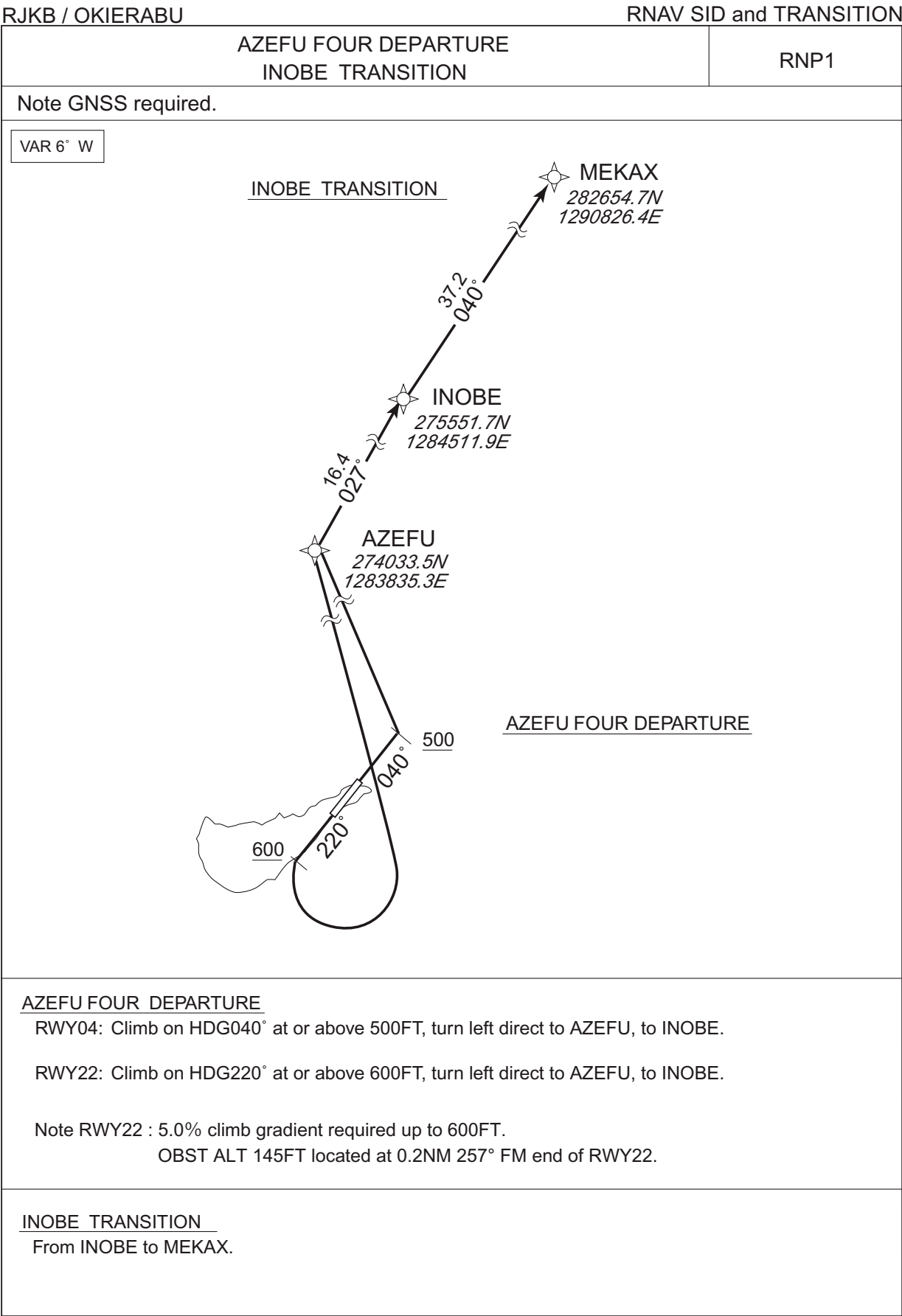
MEKAX TRANSITION

| 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 | NEORI | — | — | -6.2 | — | — | — | — | — | RNP1 |
| 002 | TF | MEKAX | — | 027 (021.0) | -6.2 | 35.2 | — | — | — | — | RNP1 |

CHANGE : PROC name added. NEORI TWO DEPARTURE added. True bearing. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

CHANGE : PROC name added. INOBE TRANSITION added. SID renamed(AZEFU FOUR DEPARTURE).
Course FM INOBE to MEKAX. ALT restriction at AZEFU deleted.



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

AZEFU FOUR DEPARTURE

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 | — | — | 040 (034.0) | -6.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | AZEFU | — | — | -6.2 | — | L | — | — | — | RNP1 |
| 003 | TF | INOBE | — | 027 (020.9) | -6.2 | 16.4 | — | — | — | — | 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 | — | — | 220 (214.0) | -6.2 | — | — | +600 | — | — | RNP1 |
| 002 | DF | AZEFU | — | — | -6.2 | — | L | — | — | — | RNP1 |
| 003 | TF | INOBE | — | 027 (020.9) | -6.2 | 16.4 | — | — | — | — | RNP1 |

INOBE 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 | INOBE | — | — | -6.2 | — | — | — | — | — | RNP1 |
| 002 | TF | MEKAX | — | 040 (033.3) | -6.2 | 37.2 | — | — | — | — | RNP1 |

CHANGE : PROC name added. AZEFU FOUR DEPARTURE added. VAR. True bearing. ALT restriction at AZEFU deleted.

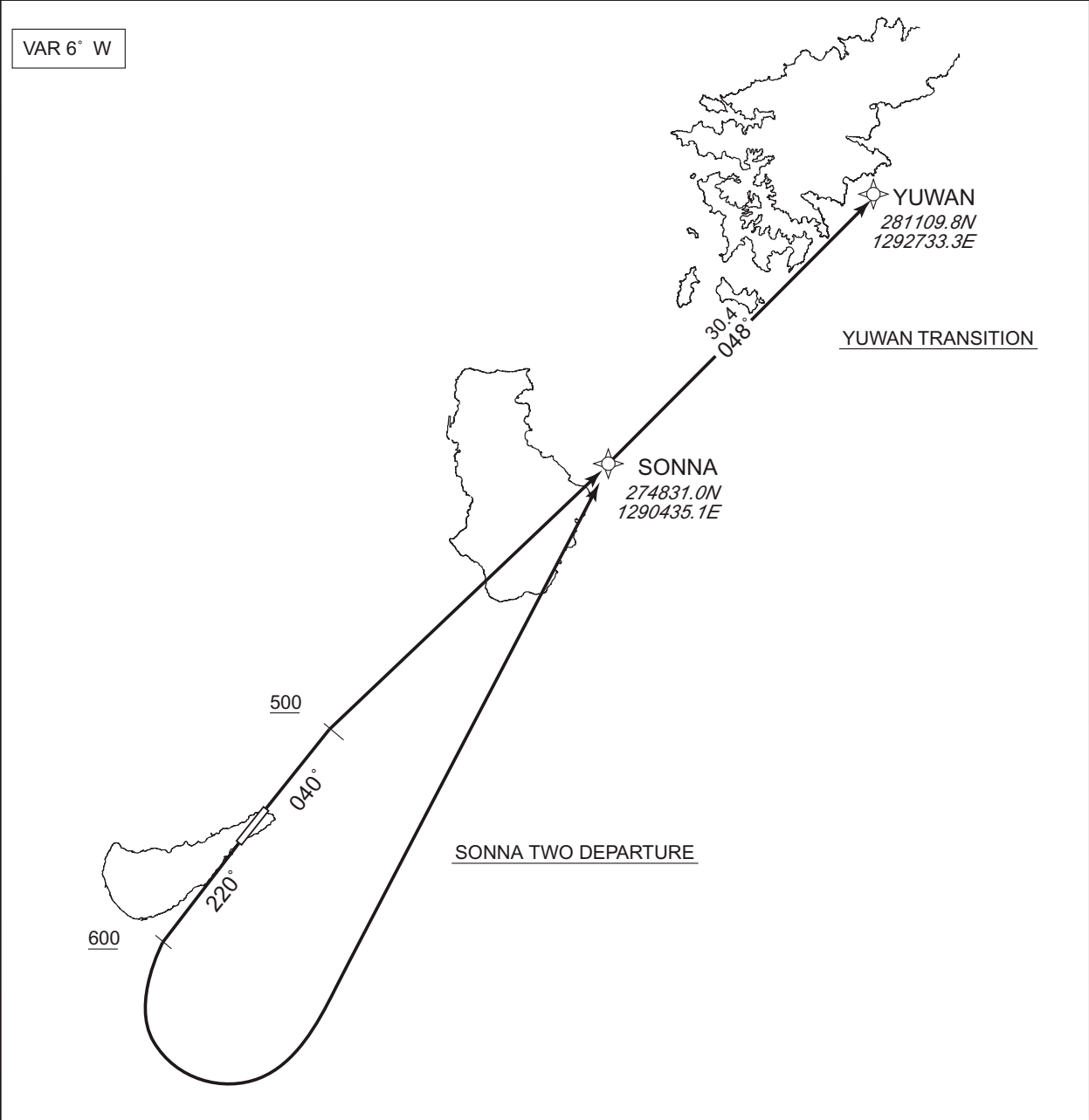
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

| | |
|---|------|
| SONNA TWO DEPARTURE YUWAN TRANSITION | RNP1 |
|---|------|

Note GNSS required.



SONNA TWO DEPARTURE
RWY04: Climb on HDG040° at or above 500FT, direct to SONNA.
RWY22: Climb on HDG220° at or above 600FT, turn left direct to SONNA.
Note RWY22 : 5.0% climb gradient required up to 600FT.
OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

YUWAN TRANSITION
From SONNA to YUWAN.

CHANGE : PROC name added. YUWAN TRANSITION added.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

SONNA TWO DEPARTURE

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 | — | — | 040 (034.0) | -6.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | SONNA | — | — | -6.2 | — | — | — | — | — | 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 | — | — | 220 (214.0) | -6.2 | — | — | +600 | — | — | RNP1 |
| 002 | DF | SONNA | — | — | -6.2 | — | L | — | — | — | RNP1 |

YUWAN 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 | SONNA | — | — | -6.2 | — | — | — | — | — | RNP1 |
| 002 | TF | YUWAN | — | 048 (041.8) | -6.2 | 30.4 | — | — | — | — | RNP1 |

CHANGE : PROC name added. SONNA TWO DEPARTURE added. True bearing. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

YUNTA TWO DEPARTURE

RNP1

Note GNSS required.

VAR 6° W

ASATO
271054.2N
1283014.7E

500
040°
600
220°

RWY04: Climb on HDG040° at or above 500FT, turn right direct to ASATO.
RWY22: Climb on HDG220° at or above 600FT, direct to ASATO.
Note RWY22 : 5.0% climb gradient required up to 600FT.
OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

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 | — | — | 040 (034.0) | -6.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | ASATO | — | — | -6.2 | — | R | — | — | — | RNP1 |

RWY22

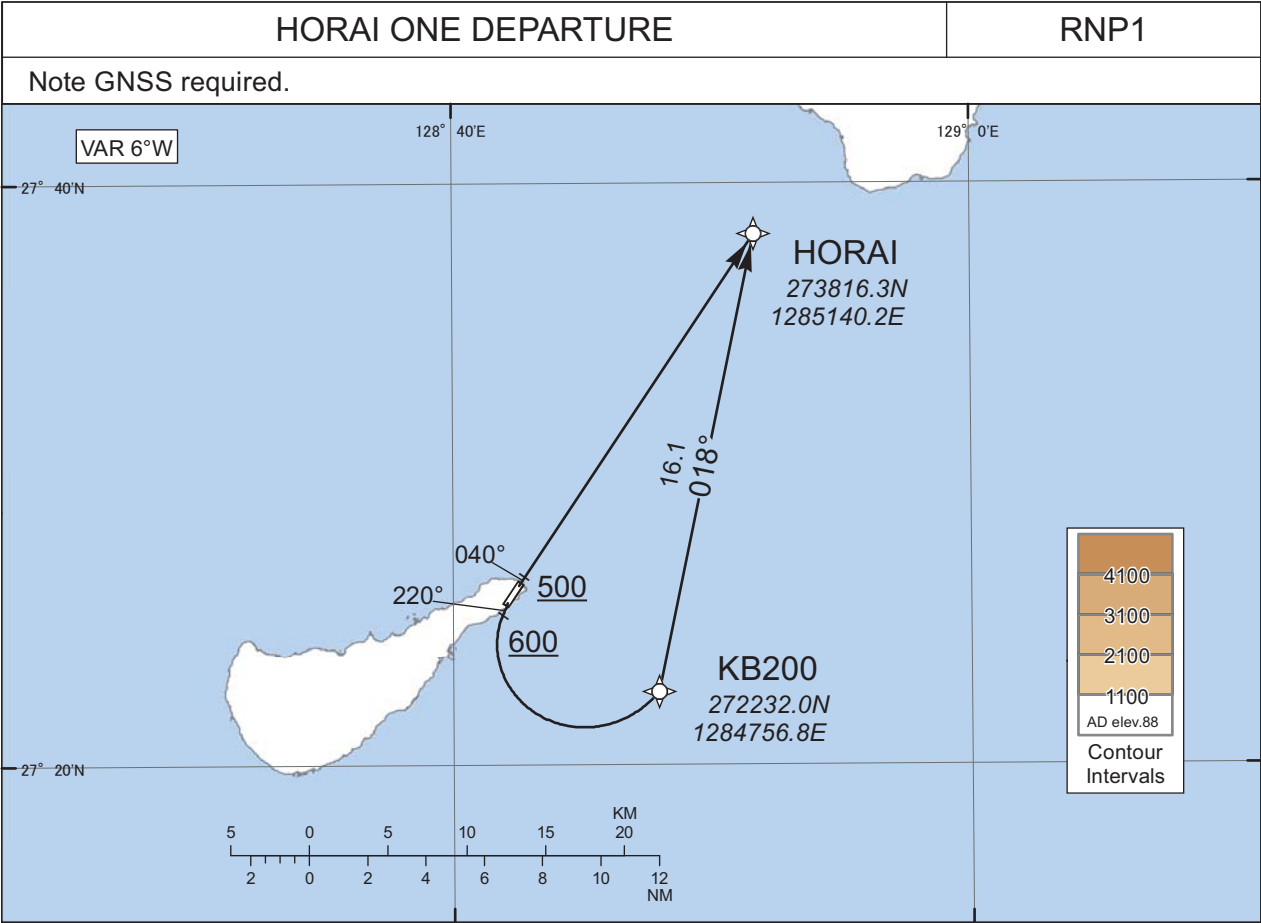
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 220 (214.0) | -6.2 | — | — | +600 | — | — | RNP1 |
| 002 | DF | ASATO | — | — | -6.2 | — | — | — | — | — | RNP1 |

CHANGE : VAR. True bearing.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID



RWY04 : Climb on HDG 040° at or above 500FT, direct to HORAI.
RWY22 : Climb on HDG 220° at or above 600FT, turn left direct to KB200, to HORAI.

NOTE RWY22 : 5.0% climb gradient required up to 600FT.
OBST ALT 145FT located at 0.2NM 257° FM end of RWY22

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 | - | - | 040 (034.0) | -6.2 | - | - | +500 | - | - | RNP1 |
| 002 | DF | HORAI | - | - | -6.2 | - | - | - | - | - | 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 | - | - | 220 (214.0) | -6.2 | - | - | +600 | - | - | RNP1 |
| 002 | DF | KB200 | - | - | -6.2 | - | L | - | - | - | RNP1 |
| 003 | TF | HORAI | - | 018 (011.8) | -6.2 | 16.1 | - | - | - | - | RNP1 |

CHANGE : VAR. True bearing.

INTENTIONALLY LEFT BLANK

RJKB / OKIERABU

RNAV STAR RWY04

| HACHA SOUTH ARRIVAL PINNE SOUTH ARRIVAL | RNP1 |
|--|------|
|--|------|

Note GNSS required.

VAR 6°W

HACHA SOUTH ARRIVAL

PINNE SOUTH ARRIVAL

DINGO
272535.7N
1284832.0E

HACHA
280923.8N
1290051.5E

PINNE
274919.0N
1290526.5E

GOMES
271616.2N
1284155.6E

3000

2000

11.0°
218°

28.1°
219°

45.2°
200°

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 | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | DINGO | - | 200 (194.0) | -6.2 | 45.2 | - | +3000 | - | - | RNP1 |
| 003 | TF | GOMES | - | 218 (212.2) | -6.2 | 11.0 | - | +2000 | - | - | 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 | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | DINGO | - | 219 (212.3) | -6.2 | 28.1 | - | +3000 | - | - | RNP1 |
| 003 | TF | GOMES | - | 218 (212.2) | -6.2 | 11.0 | - | +2000 | - | - | RNP1 |

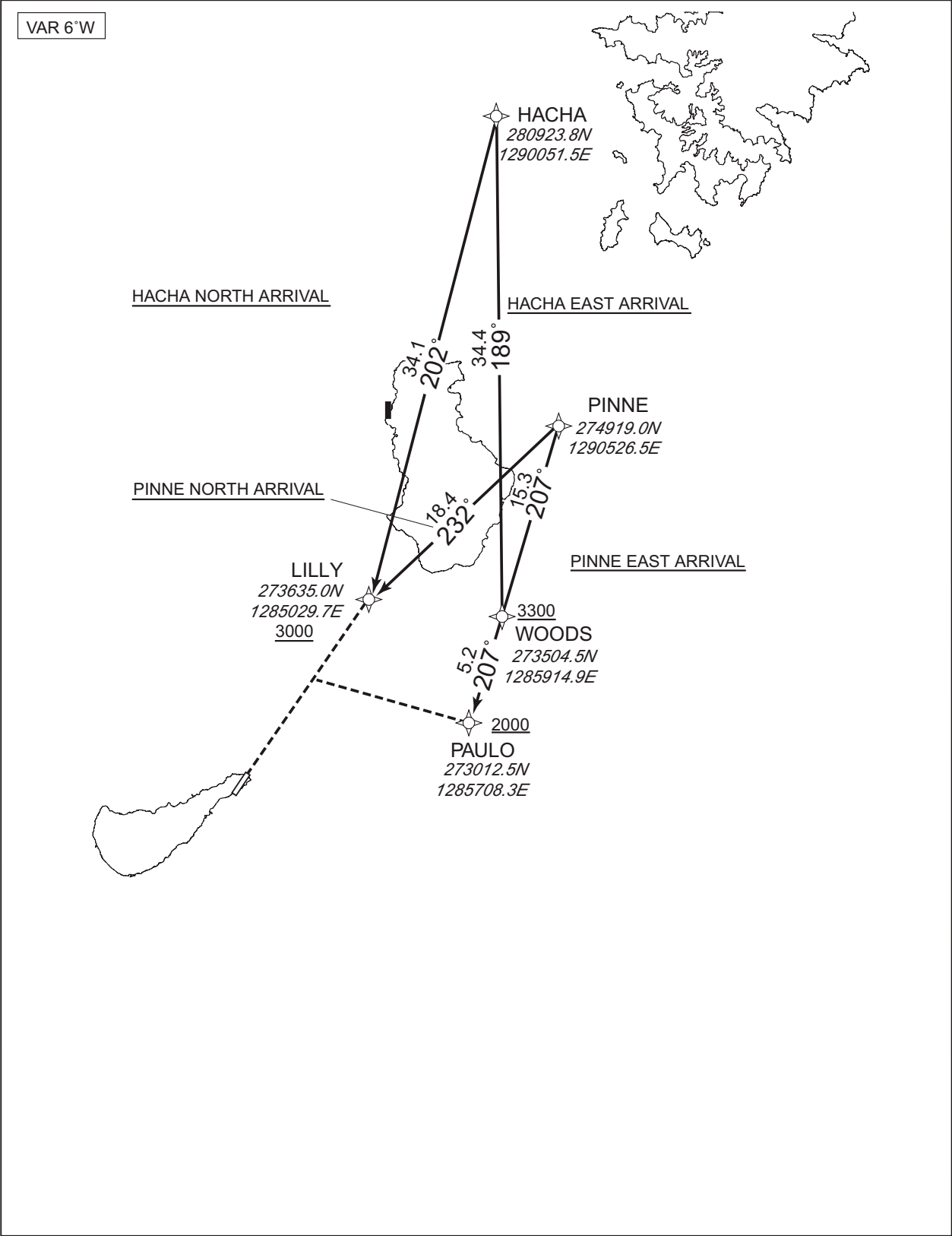
CHANGE : VAR. Course FM PINNE to DINGO.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU RNAV STAR RWY22

| | |
|--|------|
| HACHA NORTH ARRIVAL / HACHA EAST ARRIVAL PINNE NORTH ARRIVAL / PINNE EAST ARRIVAL | RNP1 |
|--|------|

Note GNSS required.



CHANGE : PROC course FM HACHA to WOODS.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY22

HACHA NORTH ARRIVAL

From HACHA, to LILLY 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 | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | LILLY | - | 202 (195.6) | -6.2 | 34.1 | - | +3000 | - | - | 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 | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | WOODS | - | 189 (182.4) | -6.2 | 34.4 | - | +3300 | - | - | RNP1 |
| 003 | TF | PAULO | - | 207 (201.0) | -6.2 | 5.2 | - | +2000 | - | - | RNP1 |

PINNE NORTH ARRIVAL

From PINNE, to LILLY 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 | PINNE | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | LILLY | - | 232 (226.2) | -6.2 | 18.4 | - | +3000 | - | - | RNP1 |

PINNE EAST ARRIVAL

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

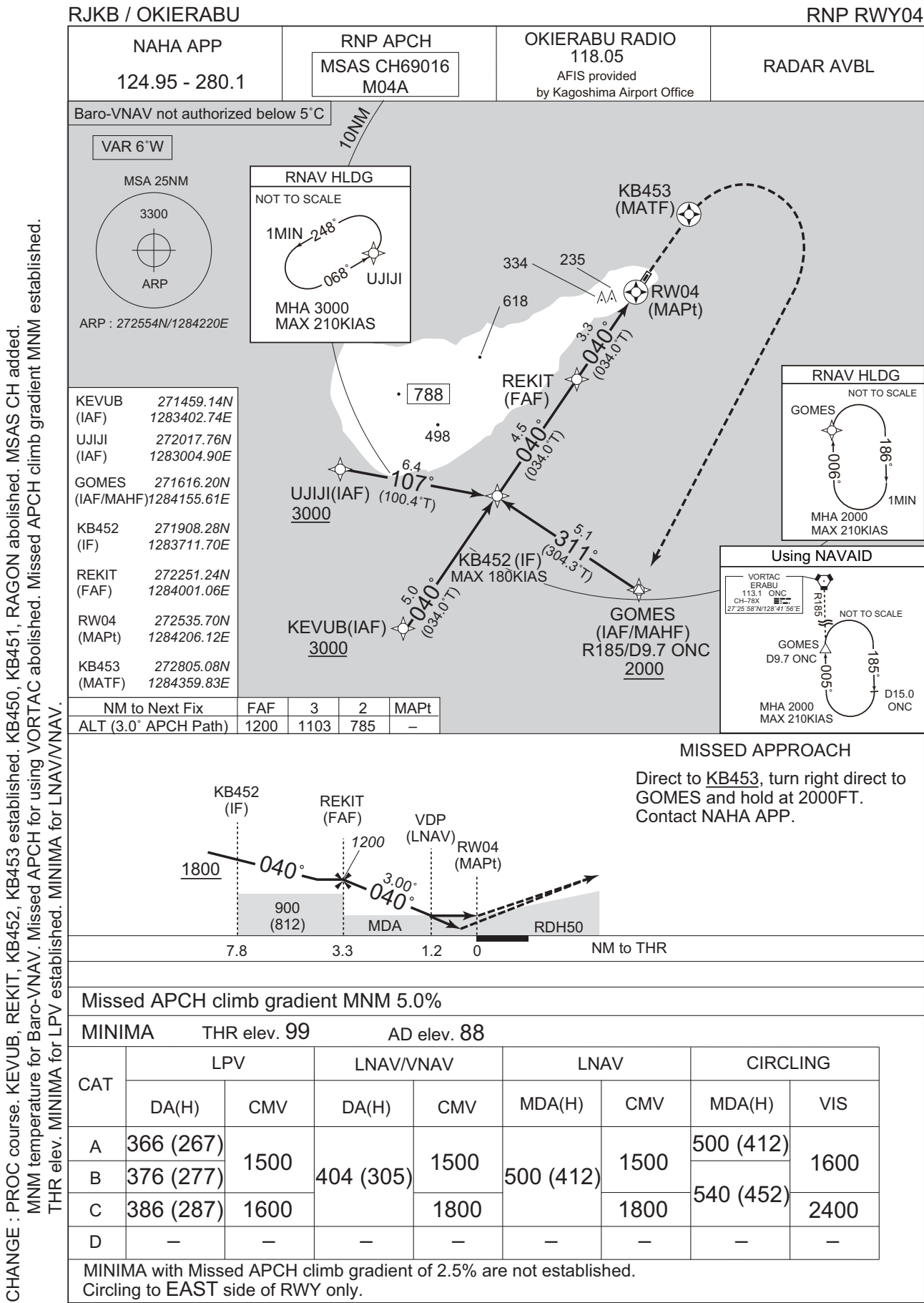
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | PINNE | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | WOODS | - | 207 (201.1) | -6.2 | 15.3 | - | +3300 | - | - | RNP1 |
| 003 | TF | PAULO | - | 207 (201.0) | -6.2 | 5.2 | - | +2000 | - | - | RNP1 |

CHANGE : VAR. Course FM HACHA to WOODS.

CHANGE : PROC renamed. ADPAB established. MOURY abolished. Missed APCH PROC. ALT restriction at CMPL Base Turn. VDP.
PROC course. DME to ONC. THR elev. MINIMA. VAR.



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY04

FAS DATA BLOCK

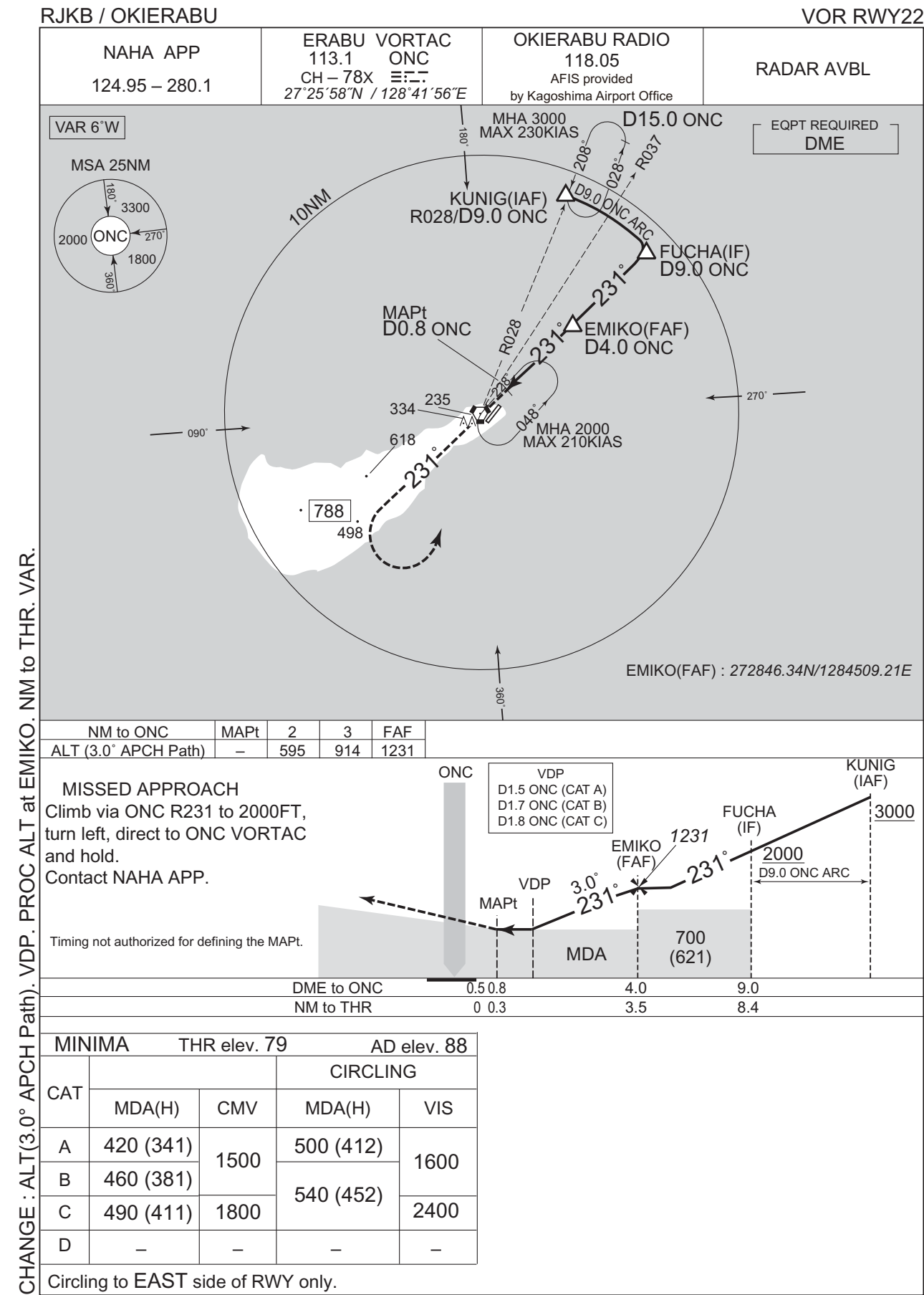
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00608 |
| SBAS service provider identifier | 2 | FPAP latitude | 272621.2280N |
| Airport identifier | RJKB | FPAP longitude | 1284240.8210E |
| Runway | 04 | Threshold crossing height | 00015.0 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | | Glide path angle | 03.00 |
| Reference path data selector | 0 | Course width at threshold | 105.00 |
| Reference path ID | M04A | ∟ length offset | 0344 |
| LTP/FTP latitude | 272535.6665N | HAL | 40.0 |
| LTP/FTP longitude | 1284206.1585E | VAL | 50.0 |
| CRC remainder | 78273A92 | | |

Required additional data

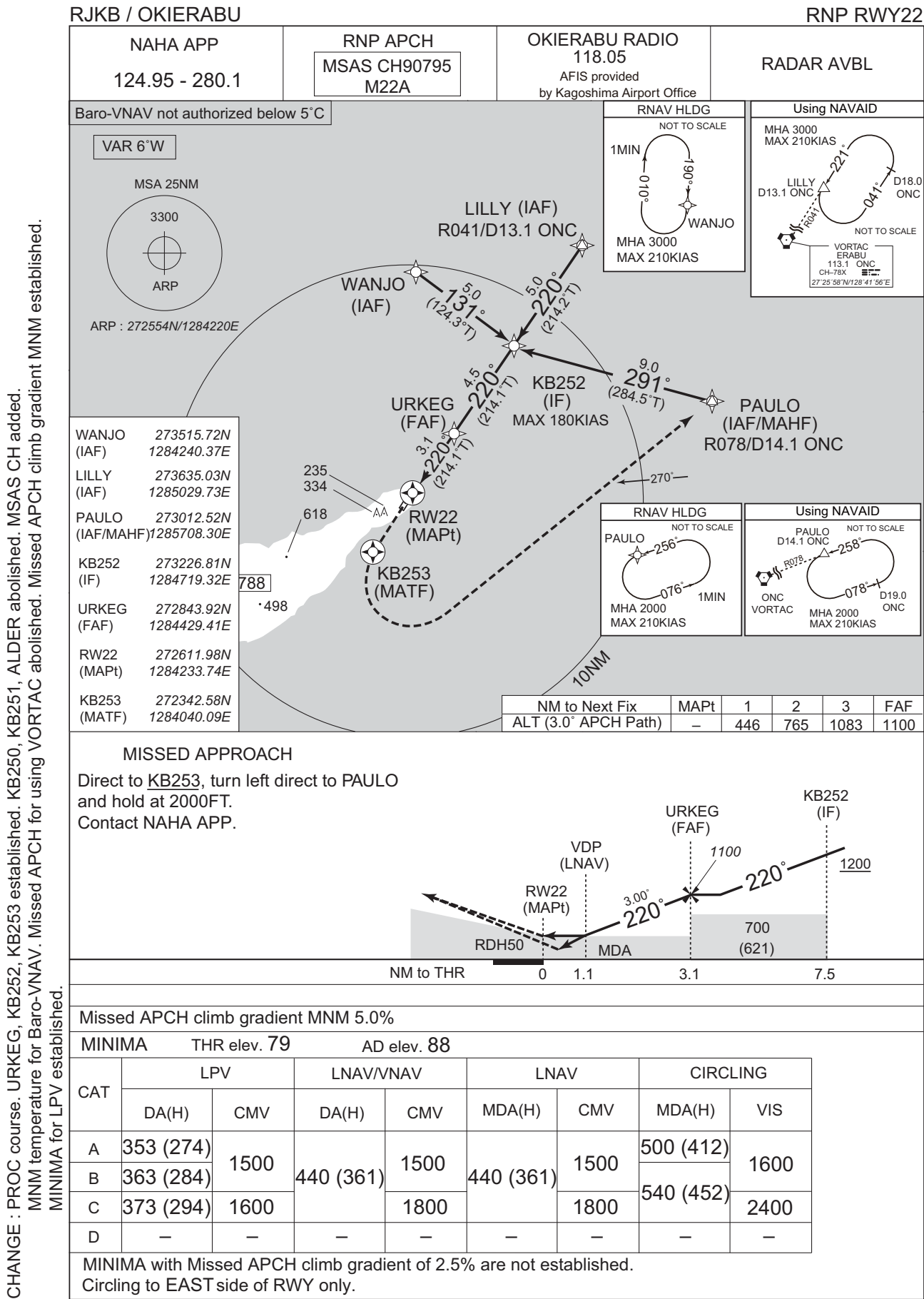
| | |
|----------------------------|------|
| LTP/FTP orthometric height | 30.1 |
|----------------------------|------|

CHANGE : FAS DATA BLOCK and Required additional data established.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



RJKB / OKIERABU

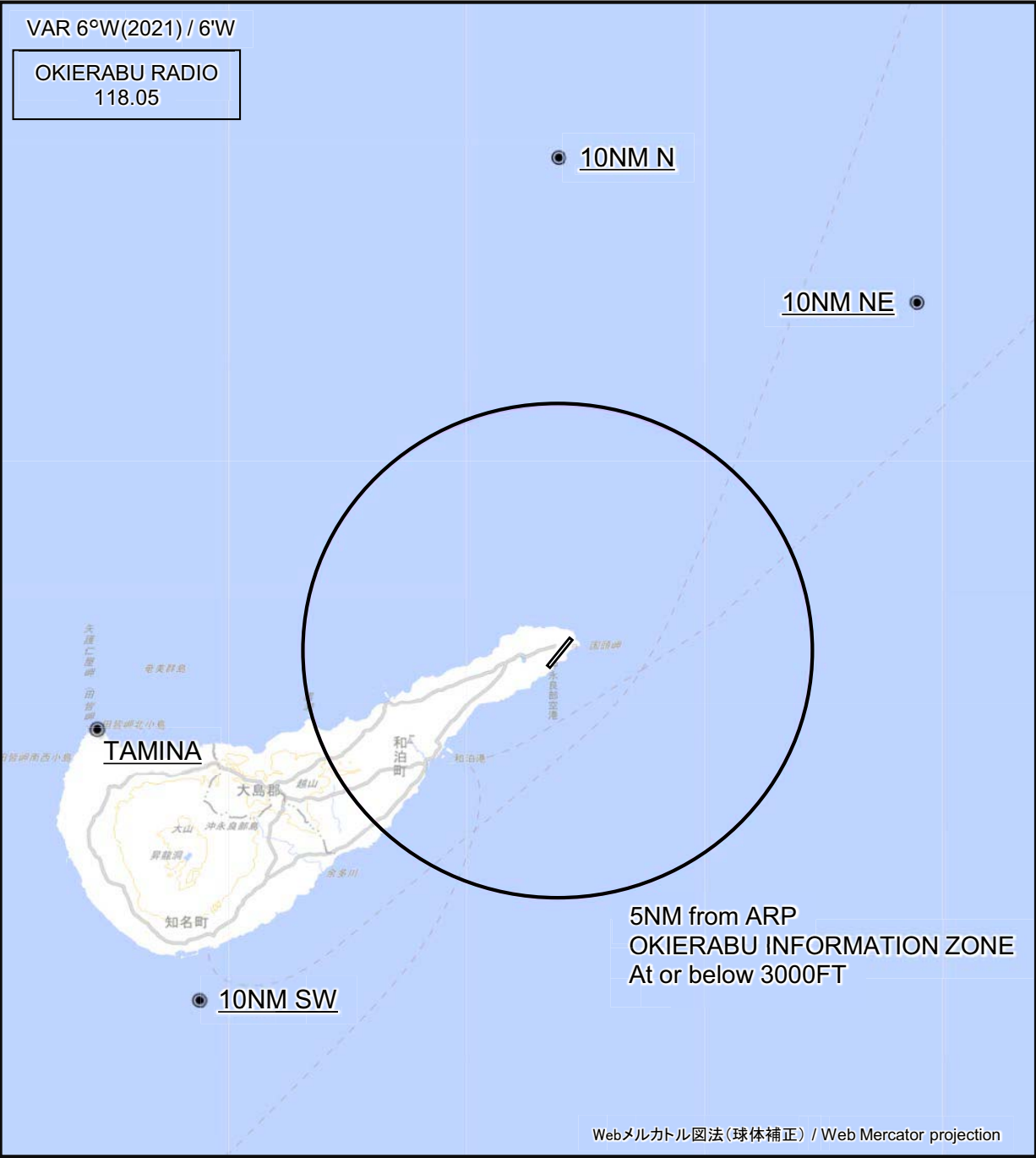
FAS DATA BLOCK

Required additional data

CHANGE : FAS DATA BLOCK and Required additional data established.

RJKB / OKIERABU

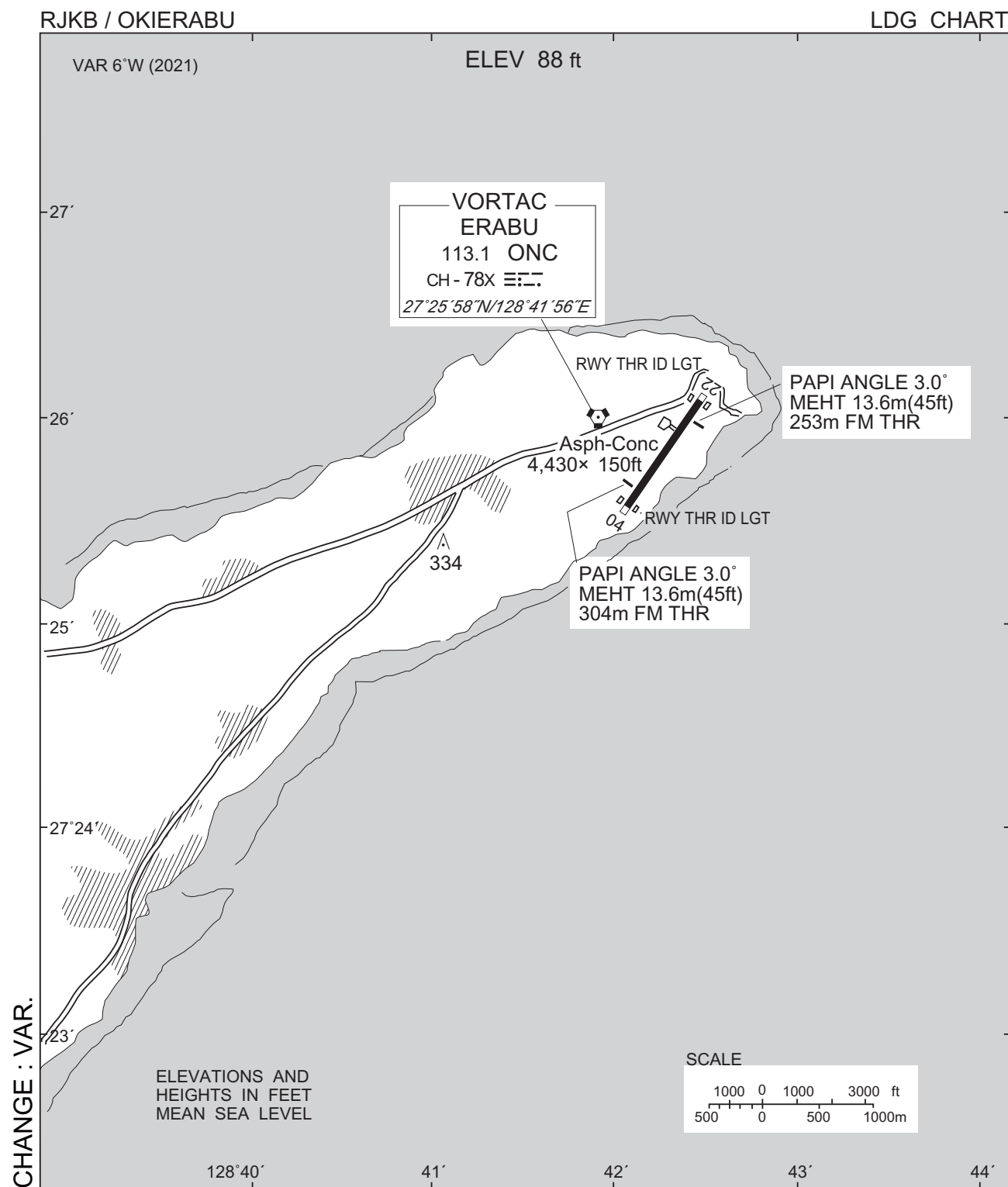
Visual REP



※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 : VAR.

| Call sign | BRG / DIST from ARP | Remarks |
|--------------|---------------------|--------------------|
| 10NM N | 000°T / 10.0NM | 海上 Over the sea |
| 10NM NE | 045°T / 10.0NM | 海上 Over the sea |
| 田皆 Tamina | 260°T / 9.2NM | 岬 Cape |
| 10NM SW | 225°T / 10.0NM | 海上 Over the sea |



RJKB / OKIERABU

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment. Minimum vectoring altitude.

