

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

SID

ERABU REVERSAL TWO DEPARTURE

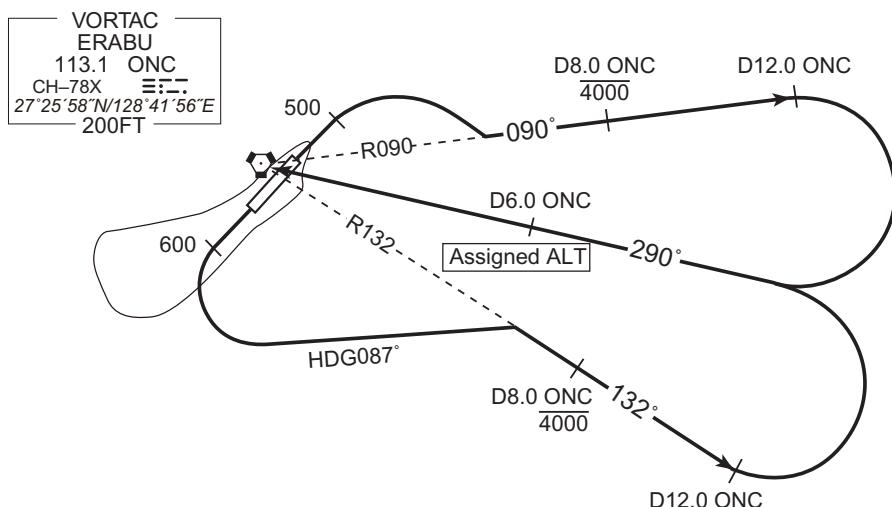
RWY04 : Climb RWY HDG to 500FT, turn right, via ONC R090 to ONC 12.0DME, turn right, via ONC R110 to ONC VORTAC.

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

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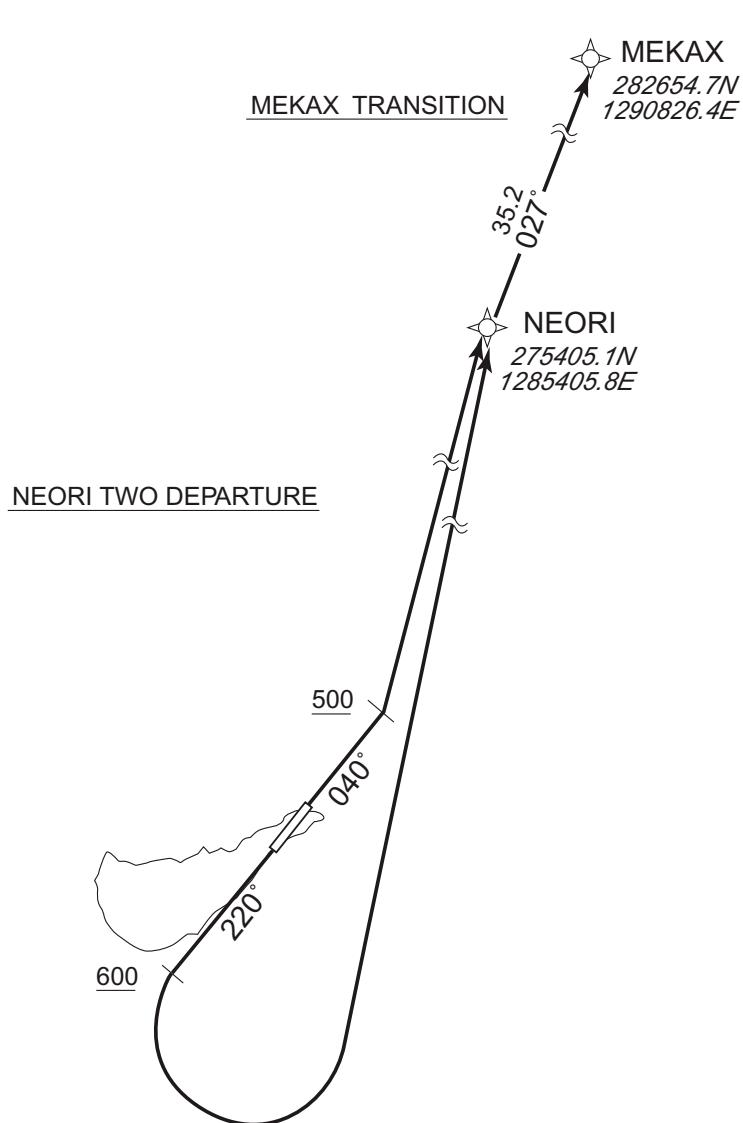
RNAV SID and TRANSITION

NEORI TWO DEPARTURE
MEKAX TRANSITION

RNP1

Note GNSS required.

VAR 6° W

NEORI TWO DEPARTURE

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.

MEKAX TRANSITION

From NEORI to MEKAX.

CHANGE : PROC name added. MEKAX TRANSITION added.

STANDARD DEPARTURE CHART - INSTRUMENT

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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

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RNAV SID and TRANSITION

AZEFU FOUR DEPARTURE
INOBE TRANSITION

RNP1

Note GNSS required.

VAR 6° W

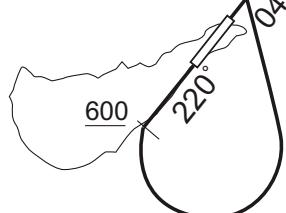
INOBE TRANSITION

MEKAX

282654.7N
1290826.4E37.2°
040°INOBE
275551.7N
1284511.9E16.4°
027°
AZEFU
274033.5N
1283835.3E

500

AZEFU FOUR DEPARTURE



AZEFU FOUR DEPARTURE

RWY04: Climb on HDG040° at or above 500FT, turn left direct to AZEFU, to INOBE.

RWY22: Climb on HDG220° at or above 600FT, turn left direct to AZEFU, to INOBE.

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

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

INOBE TRANSITION

From INOBE to MEKAX.

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

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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

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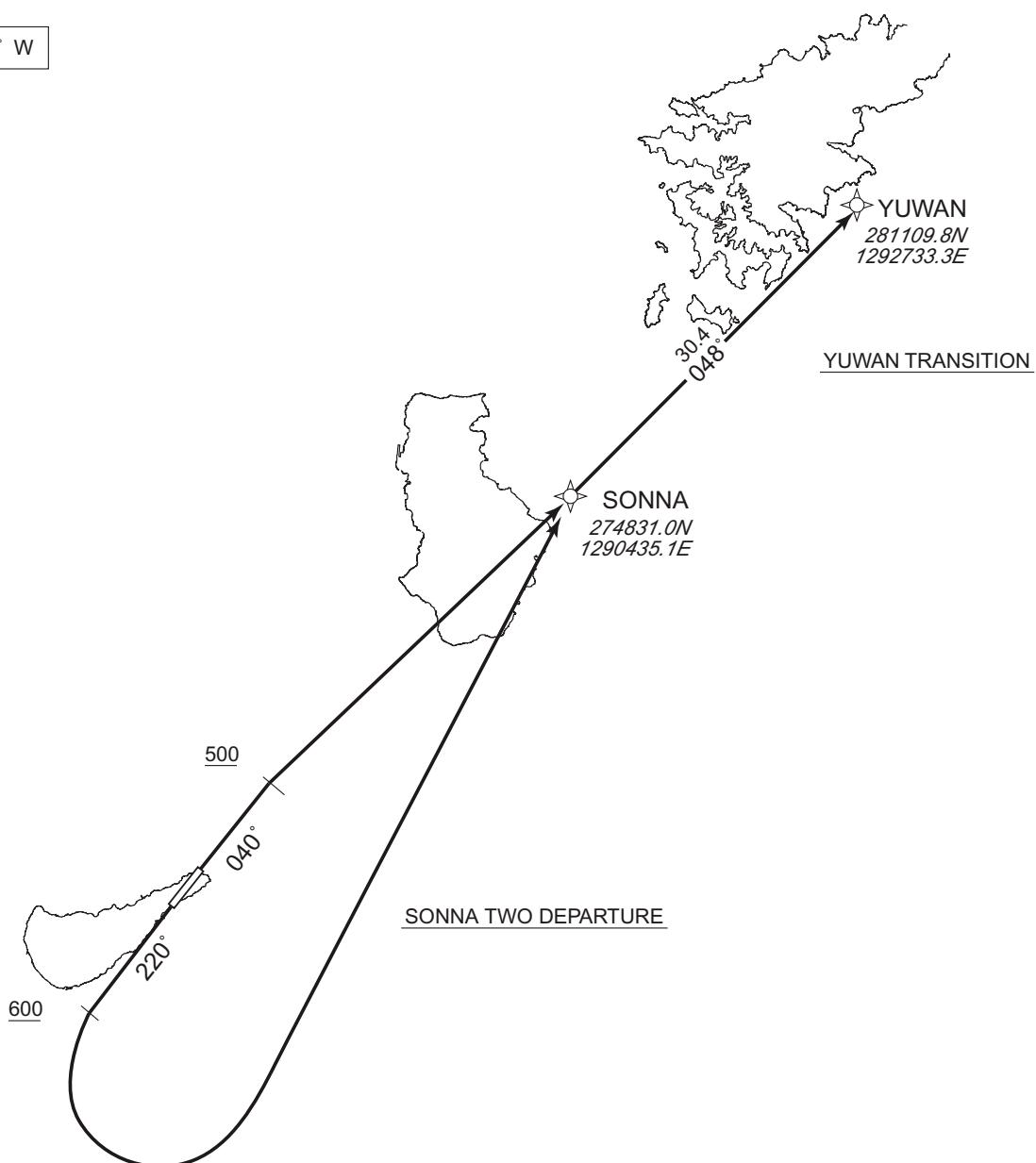
RNAV SID and TRANSITION

SONNA TWO DEPARTURE
YUWAN TRANSITION

RNP1

Note GNSS required.

VAR 6° W

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

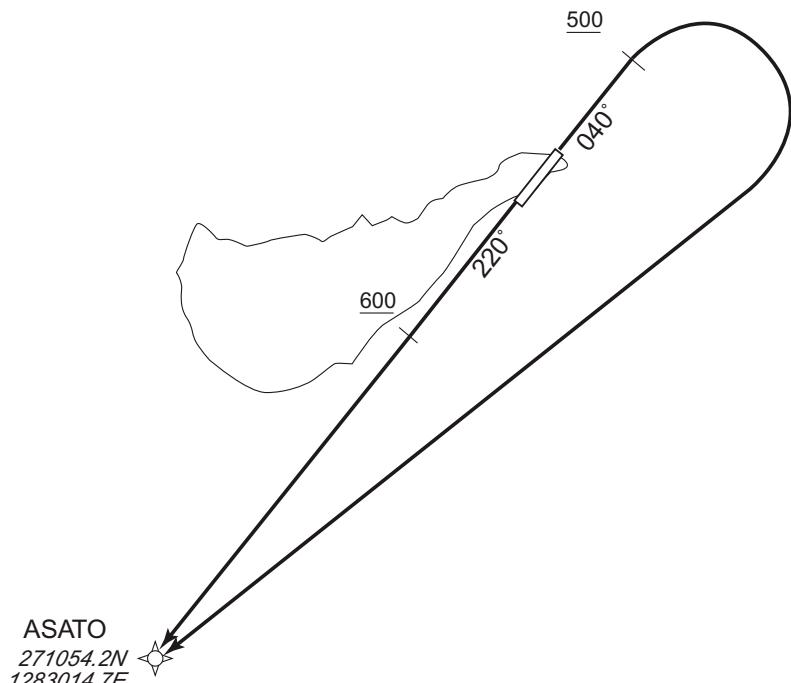
RNAV SID

YUNTA TWO DEPARTURE

RNP1

Note GNSS required.

VAR 6° W



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

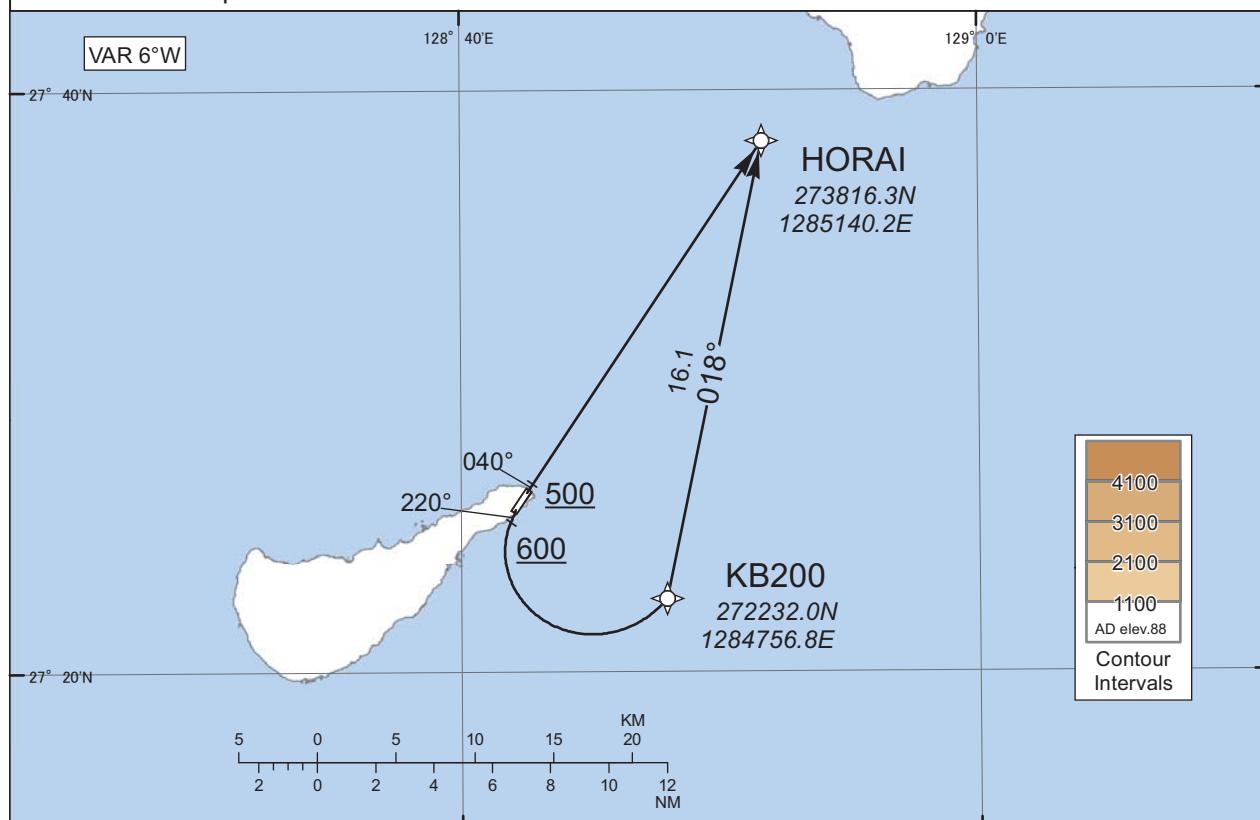
RJKB / OKIERABU

RNAV SID

HORAI ONE DEPARTURE

RNP1

Note GNSS required.



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

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

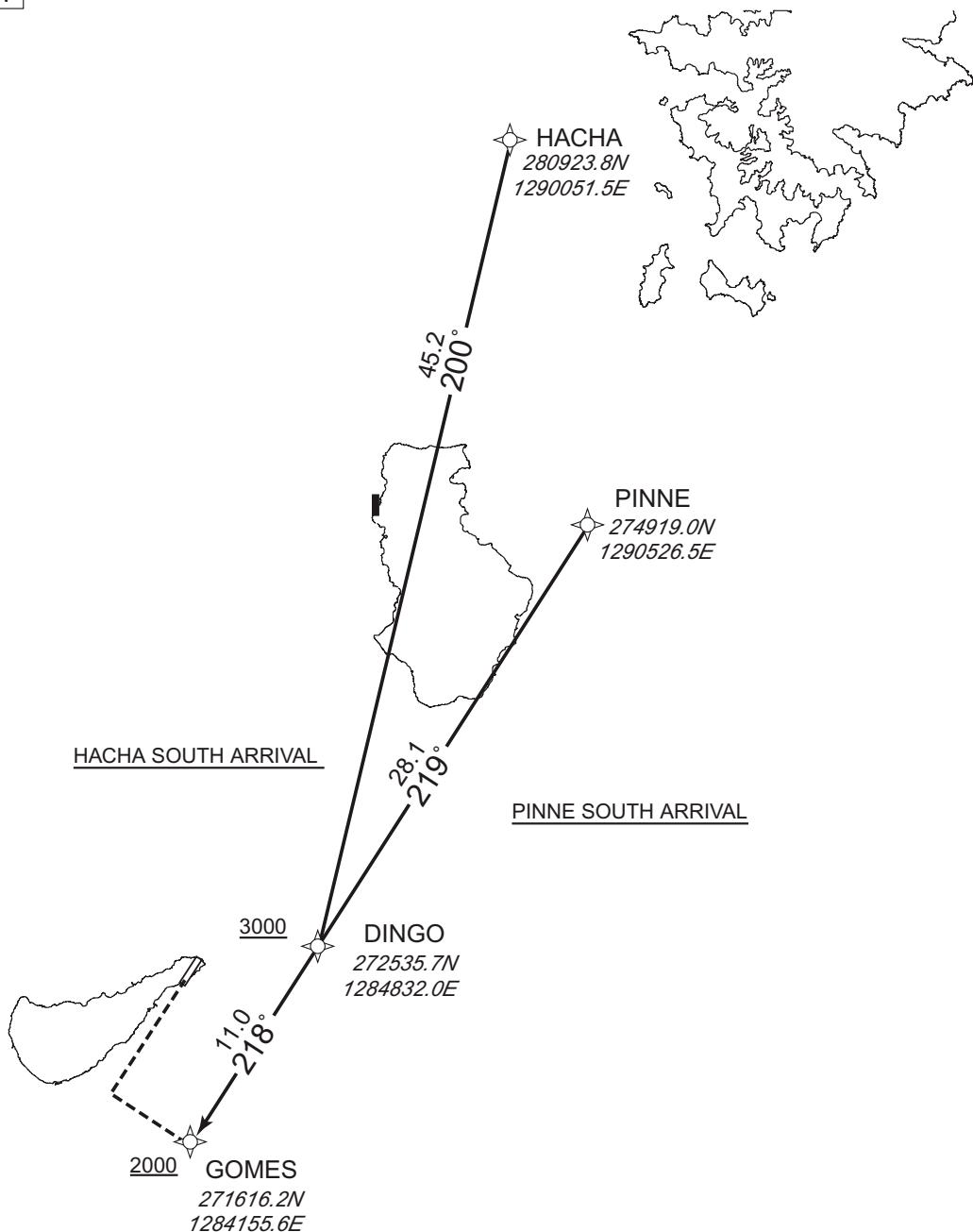
RNAV STAR RWY04

HACHA SOUTH ARRIVAL
PINNE SOUTH ARRIVAL

RNP1

Note GNSS required.

VAR 6°W



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.

VAR 6°W

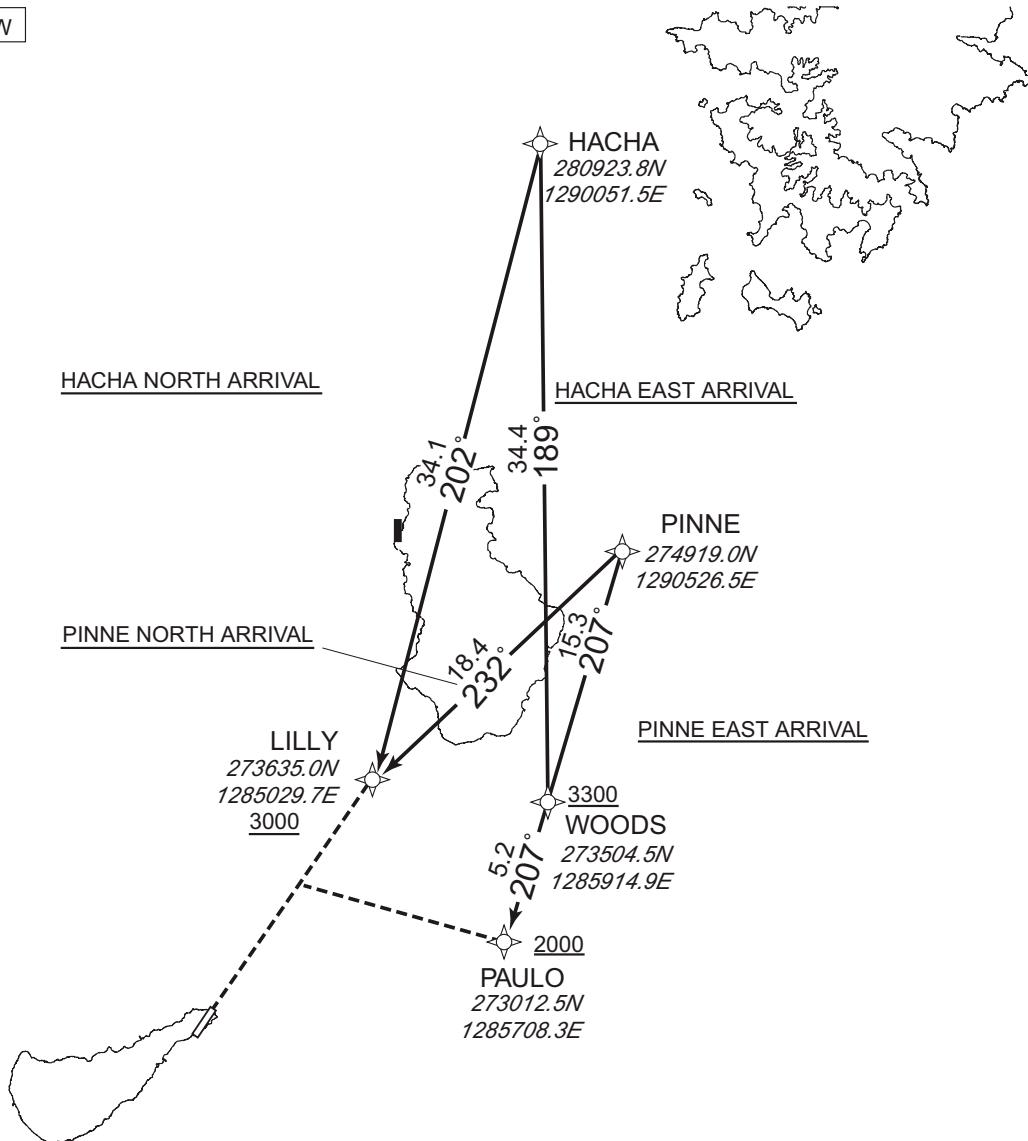
HACHA NORTH ARRIVAL

HACHA EAST ARRIVAL

PINNE NORTH ARRIVAL

PINNE EAST ARRIVAL

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 |

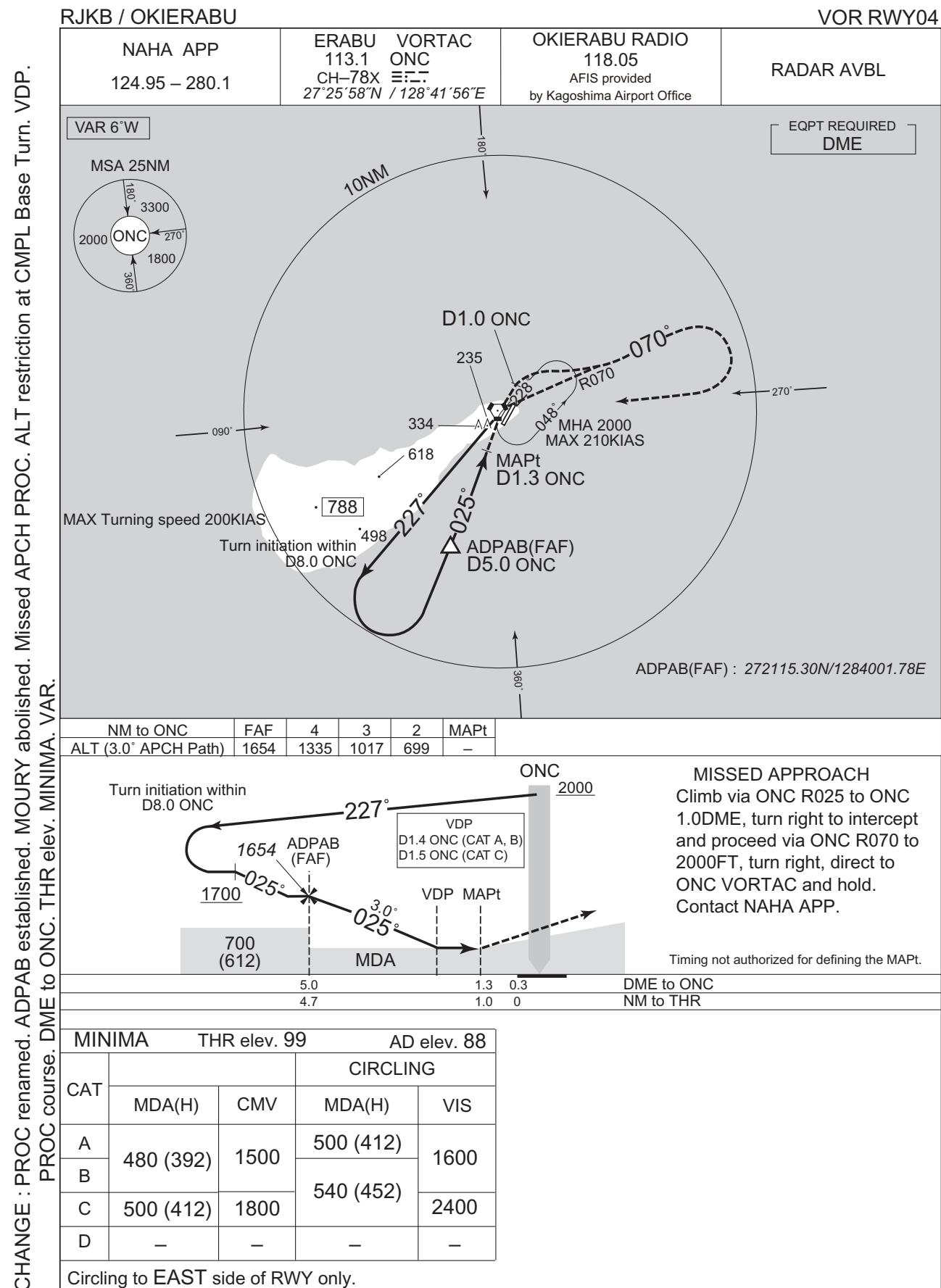
PINNE EAST ARRIVAL

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

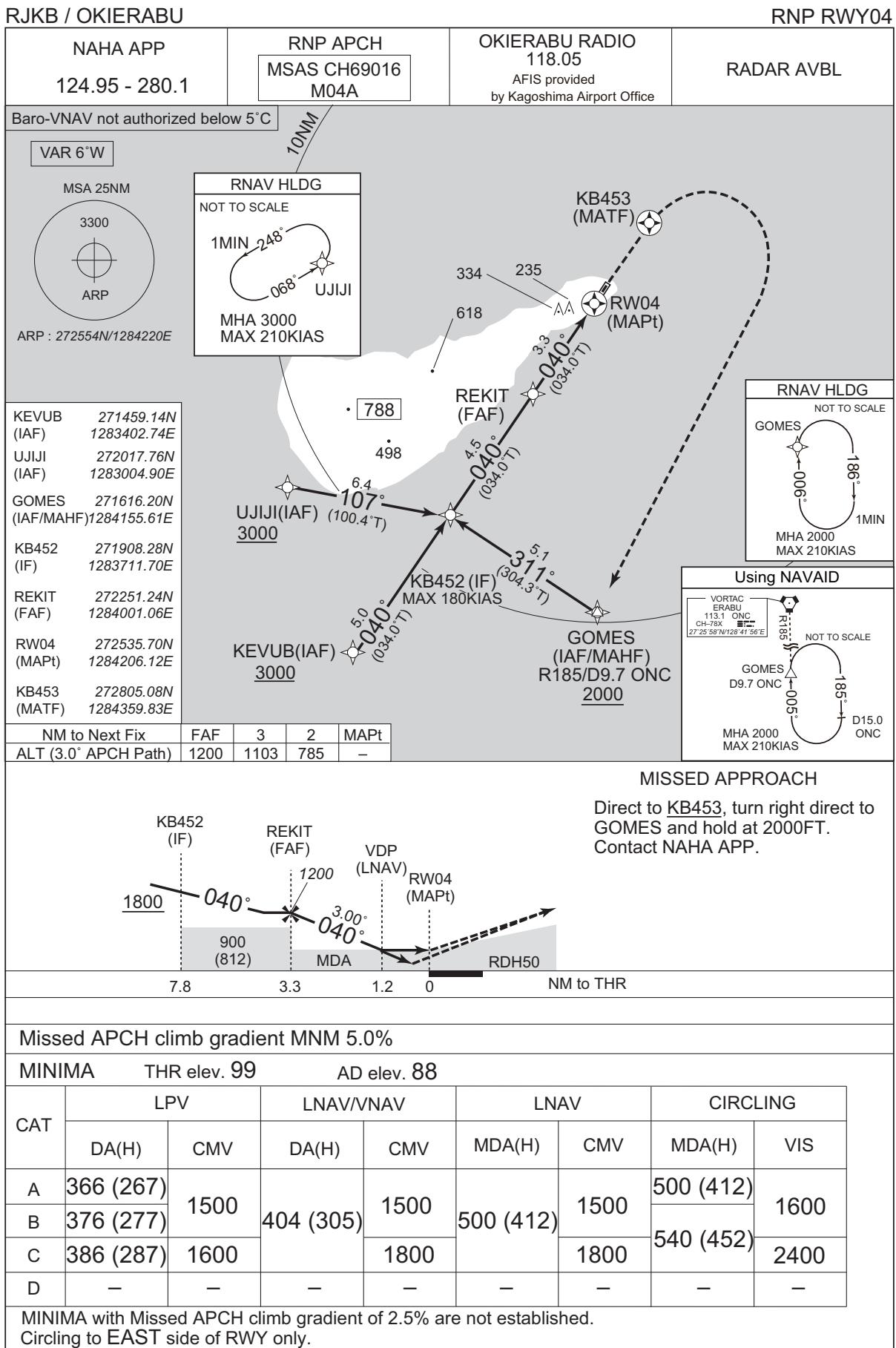
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



CHANGE : PROC course. KEVUB, REKIT, KB452, KB453 established. KB450, KB451, RAGON abolished. MSAS CH added. MNM temperature for Baro-VNAV. Missed APCH for using VORTAC abolished. Missed APCH climb gradient MNM established. THR elev. MINIMA for LPV established. MINIMA for LNAV/VNAV.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY04

FAS DATA BLOCK

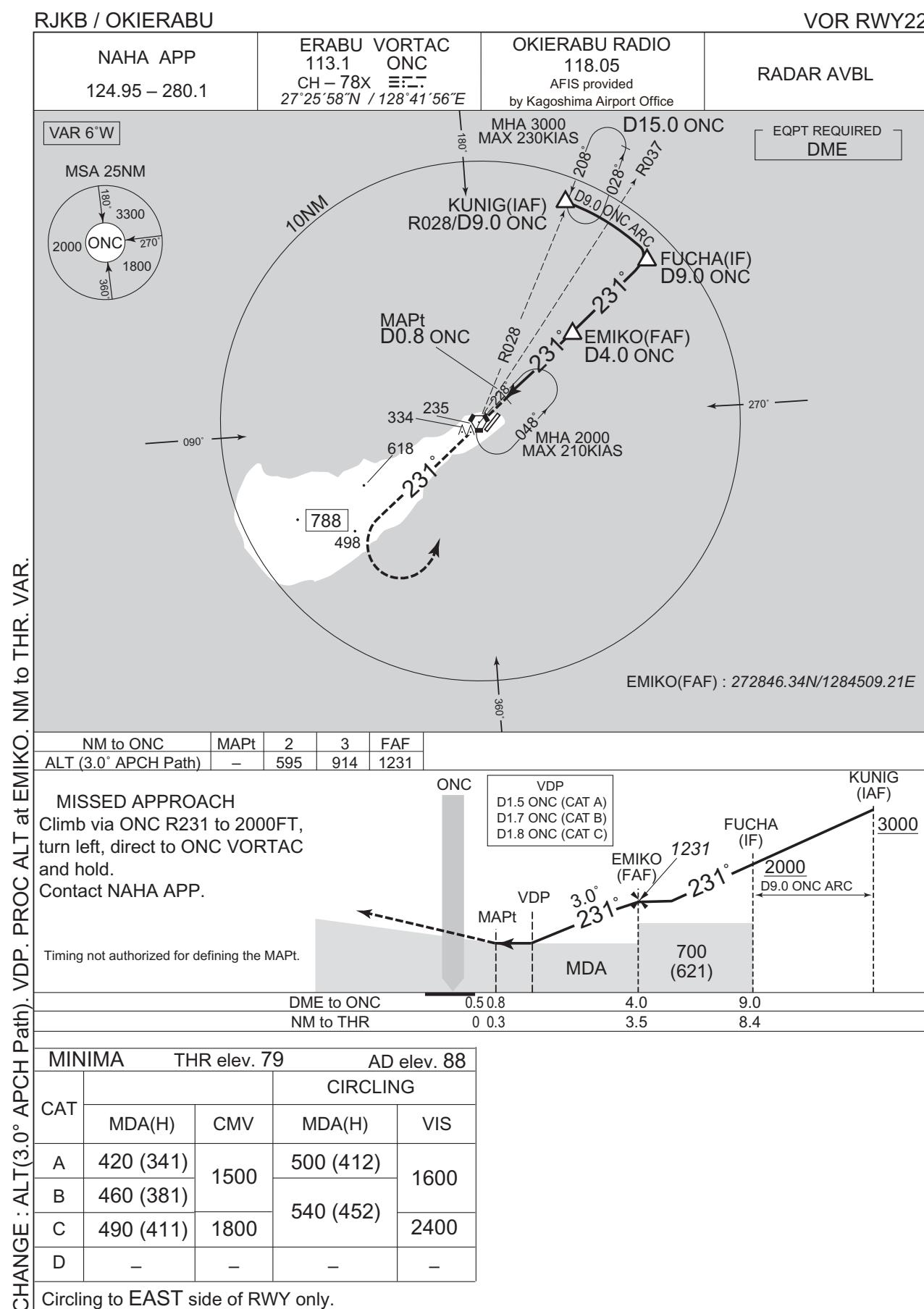
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00608 |
| SBAS service provider identifier | 2 | FPAP latitude | 272621.2280N |
| Airport identifier | RJKB | FPAP longitude | 1284240.8210E |
| 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

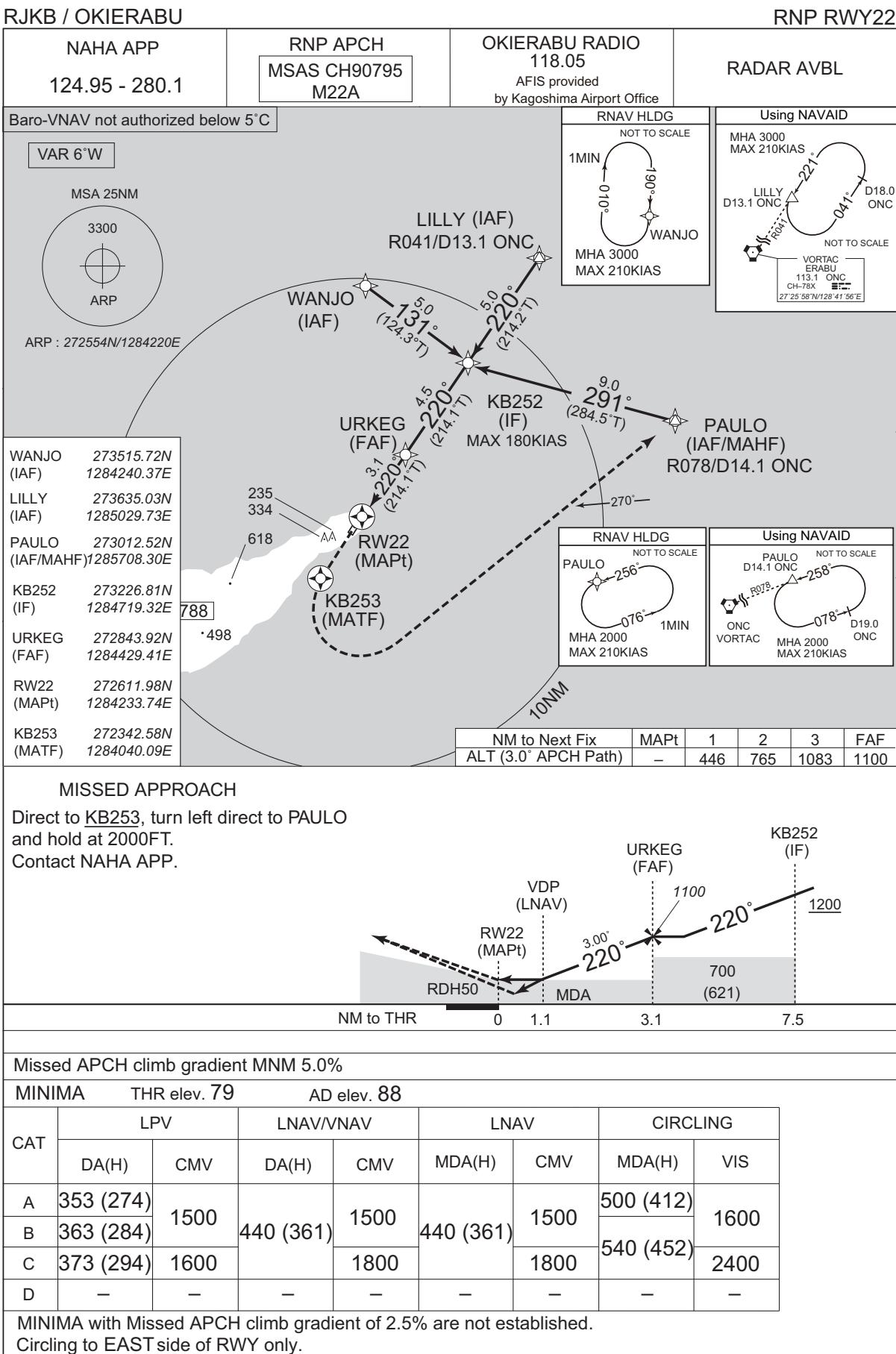
| | |
|----------------------------|------|
| LTP/FTP orthometric height | 30.1 |
|----------------------------|------|

CHANGE : FAS DATA BLOCK and Required additional data established.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY22

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00546 |
| SBAS service provider identifier | 2 | FPAP latitude | 272526.3935N |
| Airport identifier | RJKB | FPAP longitude | 1284159.1045E |
| Runway | 22 | 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 | M22A | △ length offset | 0344 |
| LTP/FTP latitude | 272611.9555N | HAL | 40.0 |
| LTP/FTP longitude | 1284233.7655E | VAL | 50.0 |
| CRC remainder | B03AD70A | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 23.9 |
|----------------------------|------|

CHANGE : FAS DATA BLOCK and Required additional data established.

RJKB / OKIERABU

Visual REP

VAR 6°W(2021) / 6°W

OKIERABU RADIO
118.05

● 10NM N

10NM NE ●

TAMINA

5NM from ARP
OKIERABU INFORMATION ZONE
At or below 3000FT

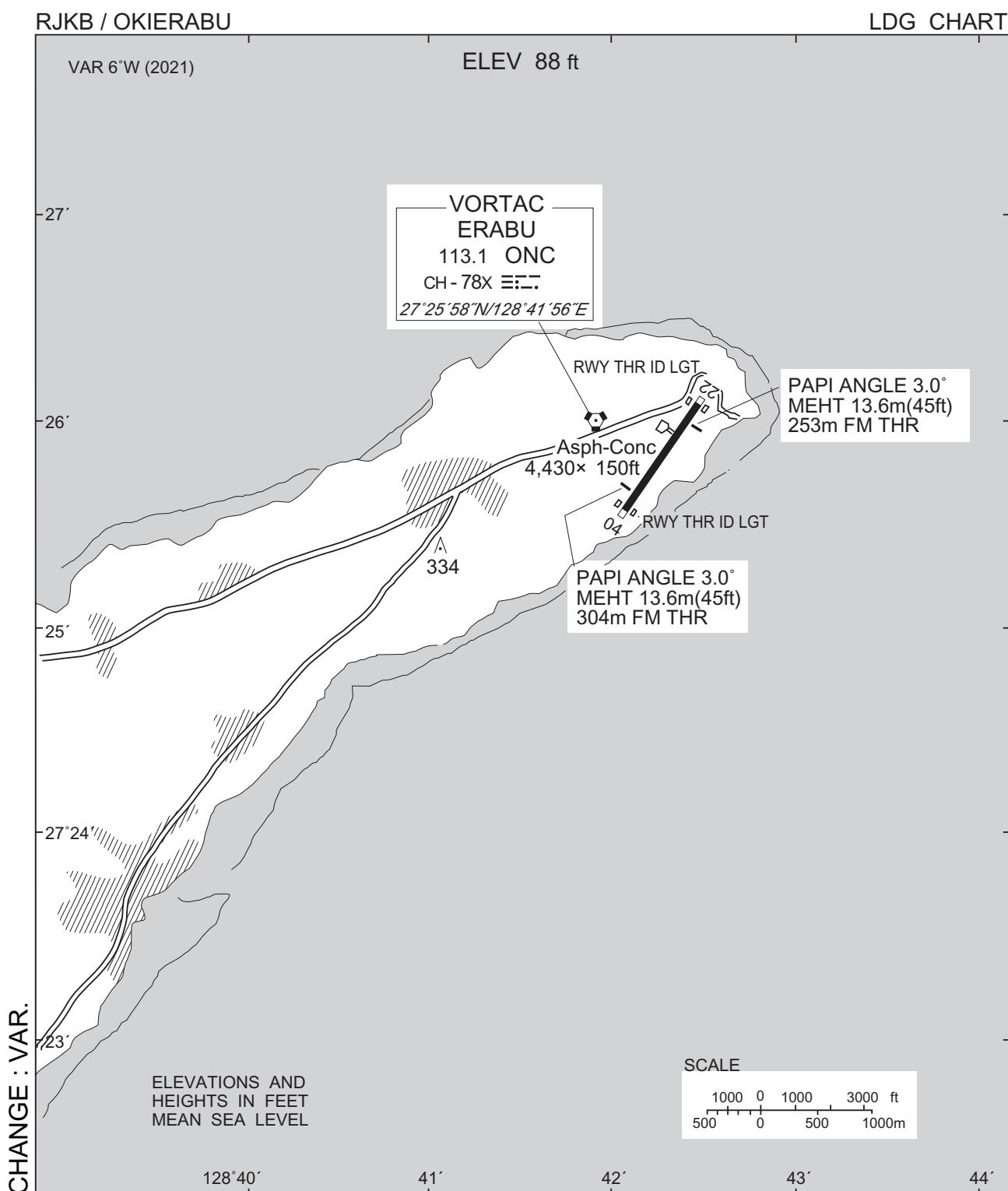
● 10NM SW

Webメルカトル図法(球体補正) / Web Mercator projection

※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.

