

## AD 2 AERODROMES

## ROMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## ROMD - MINAMI DAITO

## ROMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD   | 255048N/1311549E<br>015°/750m from RWY 02 THR  |
| 2 | Direction and distance from (city)   |  |
| 3 | Elevation/ Reference temperature   | 158.5ft / 32°C(2004-2008)  |
| 4 | Geoid undulation at AD ELEV<br>PSN   |  |
| 5 | MAG VAR/ Annual change   | 5° W(2014) / 2.1°W   |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | Okinawa Pref. PUBLIC AP<br>258, Aza-Kyuutou, Minamidaitou-son, Shimajiri-gun, Okinawa Pref.<br>TEL: 09802-2-2716<br>FAX: 09802-2-2063<br>e-MAIL: g-kuukou@abelia.ocn.ne.jp |
| 7 | Types of traffic permitted (IFR/<br>VFR)   | IFR/VFR  |
| 8 | Remarks  | Nil  |

## ROMD AD 2.3 OPERATIONAL HOURS

|    |                           |   |
|----|---------------------------|---|
| 1  | AD Administration         | 2300 - 0900   |
| 2  | Customs and immigration   | On request<br>Customs: 098-862-8529<br>Immigration: 098-832-4185              |
| 3  | Health and sanitation     | Quarantine(human): On request(098-868-1674)<br>Quarantine(animal, plant): Nil |
| 4  | AIS Briefing Office       | Nil   |
| 5  | ATS Reporting Office(ARO) | Nil   |
| 6  | MET Briefing Office       | H24(NAHA)   |
| 7  | ATS                       | ATS: 2300 - 0900<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   |

**ROMD 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 |

**ROMD AD 2.5 PASSENGER FACILITIES**

|   |                      |                         |
|---|----------------------|-------------------------|
| 1 | Hotels               | Nil                     |
| 2 | Restaurants          | Nil                     |
| 3 | Transportation       | Nil                     |
| 4 | Medical facilities   | Clinic 4Km from airport |
| 5 | Bank and Post Office | Nil                     |
| 6 | Tourist Office       | Nil                     |
| 7 | Remarks              | Nil                     |

**ROMD 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                              |

**ROMD AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

**ROMD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |                                     |  |
|---|-------------------------------------|--|
| 1 | Apron surface and strength          | Surface : Asphalt-concrete<br>Strength : PCN 19/F/B/Y/T                |
| 2 | Taxiway width, surface and strength | Width : 18m<br>Surface : Asphalt-concrete<br>Strength : PCN 19/F/B/Y/T |
| 3 | ACL and elevation                   | Not Available  |
| 4 | VOR checkpoints                     | Not Available  |
| 5 | INS checkpoints                     | Not Available  |
| 6 | Remarks                             | Nil  |

**ROMD 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:RWY02/20<br>(Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) REDL, RTHL, RENL<br>TWY:<br>(Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | (Marking) Overrun area  |

**ROMD AD 2.10 AERODROME OBSTACLES**

In Area2 Nil

In Area3 To be developed

## ROMD 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> ,<br>P <sub>SWI</sub> , 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  |

## ROMD 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   |
| 02                     | To be<br>issued later  | 1500x45                          | PCN<br>19/F/B/Y/T                   | 255023.94N<br>1311541.26E               | THR ELEV : 167FT  |
| 20                     |                        | 1500x45                          | Asphalt-concrete                    | 255110.87N<br>1311555.80E               | THR ELEV : 149FT  |
| 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   | 40x151<br>41x151                 | RWY grooving : 1500m×30m            |   |   |

## ROMD 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       |
| 02             | 1500        | 1500        | 1500        | 1500       | Nil     |
| 20             | 1500        | 1500        | 1500        | 1500       | Nil     |

## ROMD 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                    |
| 02   | Nil                                 | Green                 | PAPI<br>3.0°/LEFT<br>299.5M<br>45FT                | Nil         | Nil                                      | 1500m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil                  |
| 20   | Nil                                 | Green                 | PAPI<br>3.0°/LEFT<br>257.3m<br>45FT                | Nil         | Nil                                      | 1500m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil                  |
| Remarks  |                                     |                       |  |             |  |  |                       |                      |
| 10   |                                     |                       |  |             |  |  |                       |                      |
| RWY THR ID LGT for RWY 02/20 THR (Color:White) |                                     |                       |  |             |  |  |                       |                      |

## ROMD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 255043N/1311556E, White/Green EV4.3sec, HO       |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI:Nil<br>Anemometer:600m to MID FM RWY 02 THR, LGTD |
| 3 | TWY edge and center line lighting                        | TWY edge LGT installed, see AD2.9                     |
| 4 | Secondary power supply/ switch-over time                 | ALL LGT/Within 15 sec                                 |
| 5 | Remarks  | WDI LGT   |

## ROMD AD 2.16 HELICOPTER LANDING AREA

|     |
|-----|
| Nil |
|-----|

## ROMD 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       |
| Minamidaito<br>Information<br>Zone | Area within a radius of 5nm(9km) of ARP excluding the north side of the line between the intersections of swinging arcs 5nm(9km) in radius from Minamidaito ARP and Kitadaito ARP | 3,000 or below             | E                          | Daito Radio<br>En              | Nil     |

## ROMD AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign   | Frequency | Hours of operation | Remarks                          |
|---------------------|-------------|-----------|--------------------|----------------------------------|
| 1                   | 2           | 3         | 4                  | 5                                |
| AFIS                | Daito Radio | 118.55MHz | 2300 - 0900        | Operated by Naha Airport Office. |

## ROMD 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       |
| VOR<br>(5°W/2014)                | MDE | 117.8MHz             | H24                | 255116.14N/<br>1311549.64E                   |                                       |         |
| DME                              | MDE | 1212MHz<br>(CH-125X) | H24                | 255116.14N/<br>1311549.64E                   |                                       |         |

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## ROMD 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 |
|-----|

**ROMD AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**ROMD 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 TKOF<br>ALTN AP FILED | 02  | A,B,C       | -               | -        | -                              | 200'- 1600m | -                     | 200'- 1600m |
|   | 20  | A,B,C       | -               | -        | -                              | 0'- 400m    | -                     | 0'- 500m    |
| OTHER   | 02  | A,B,C       | AVBL LDG MINIMA |          |                                |             |                       |             |
|   | 20  | A,B,C       |                 |          |                                |             |                       |             |

**ROMD AD 2.23 ADDITIONAL INFORMATION**

Nil

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

Aerodrome/Heliport Chart  
 Standard Departure Chart - Instrument (TOPAT, MINAMIDAITO)  
 Standard Departure Chart - Instrument (CORCO SOUTH-RNAV)  
 Instrument Approach Chart (VOR RWY02)  
 Instrument Approach Chart (VOR RWY20)  
 Instrument Approach Chart (RNAV(GNSS) RWY02)  
 Instrument Approach Chart (RNAV(GNSS) RWY20)  
 Other Chart (Visual REP)  
 Other Chart (MVA Chart)



## AD CHART

MINAMIDAITO AP



|           |                   |                |
|-----------|-------------------|----------------|
| REMARKS : | WIDTH OF RWY      | 1500m x 45m    |
|           | WIDTH OF TWY      | 18m x 77.5m    |
|           | RWY GROOVING      | 1500m x 30m    |
|           | STRENGTH OF RWY   | PCN 19/F/B/Y/T |
|           | STRENGTH OF TWY   | PCN 19/F/B/Y/T |
|           | STRENGTH OF APRON | PCN 19/F/B/Y/T |

## LONGITUDINAL PROFILE OF RWY



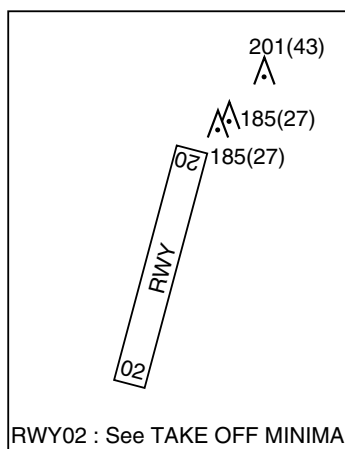
STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

TOPAT THREE DEPARTURE

RWY02 : Climb RWY HDG to 600FT, turn left HDG234°...  
RWY20 : Climb RWY HDG to 600FT, turn right HDG324°...  
... to intercept and proceed via MDE R279 to TOPAT.  
Cross TOPAT at or above 8000FT.



TOPAT THREE DEPARTURE

8000

△ ← 279°  
TOPAT  
R279/D97.8 MDE  
R103/D98.8 NHC

HDG234°

R279

HDG324°

VOR/DME  
MINAMIDAITO  
117.8 MDE  
CH-125X  
25°51'16"N/131°15'50"E  
200FT

600

600

## STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

MINAMIDAITO REVERSAL FOUR DEPARTURE

RWY 02 : Climb RWY HDG to 1000FT, turn right...

RWY 20 : Climb RWY HDG to 1000FT, turn left...

... direct to MDE VOR/DME.

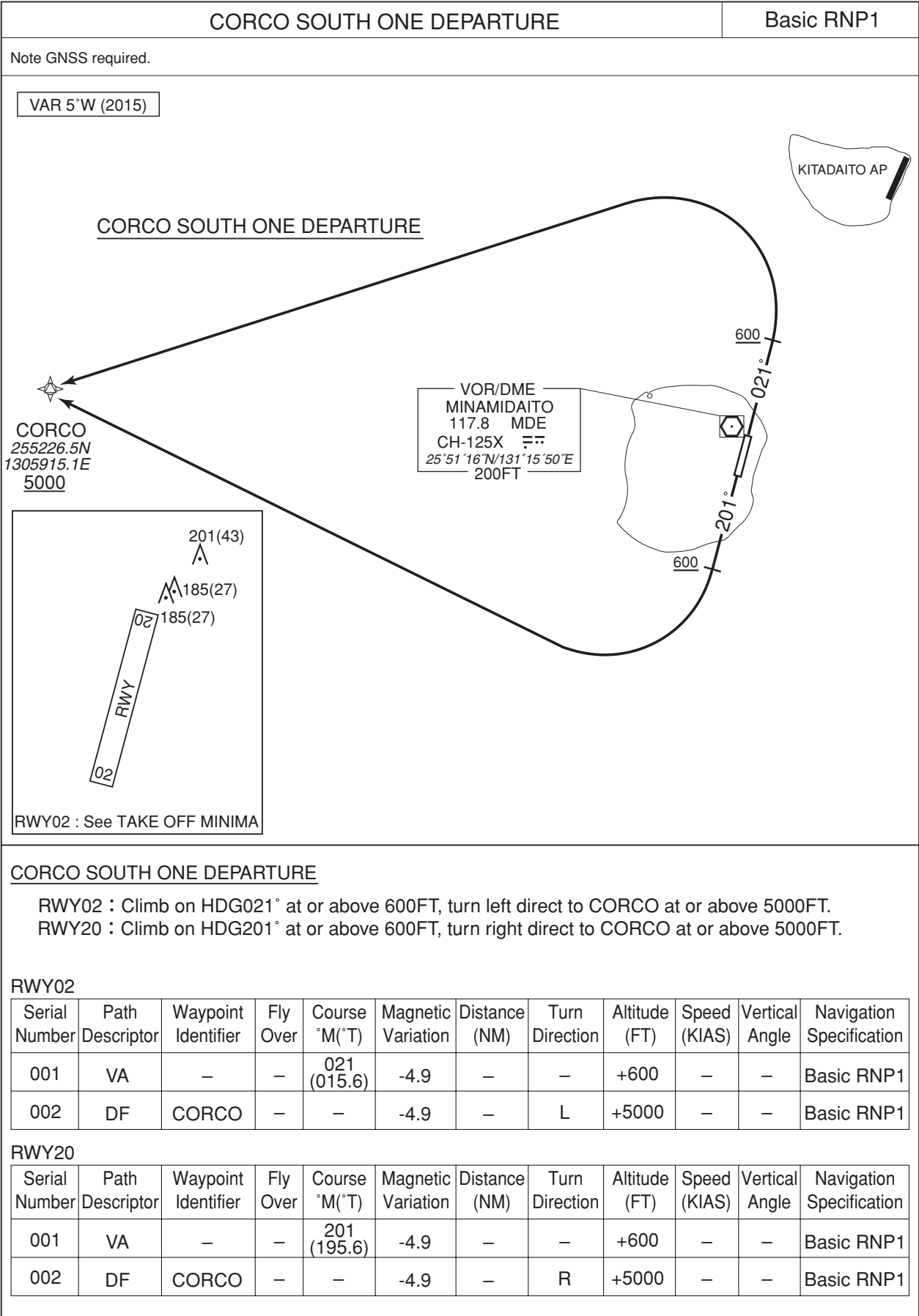
Cross MDE VOR/DME at or above 2000FT.

MINAMIDAITO REVERSAL FOUR DEPARTURE

STANDARD DEPARTURE CHART - INSTRUMENT

ROMD / MINAMIDAITO

RNAV SID



## ROMD / MINAMIDAITO

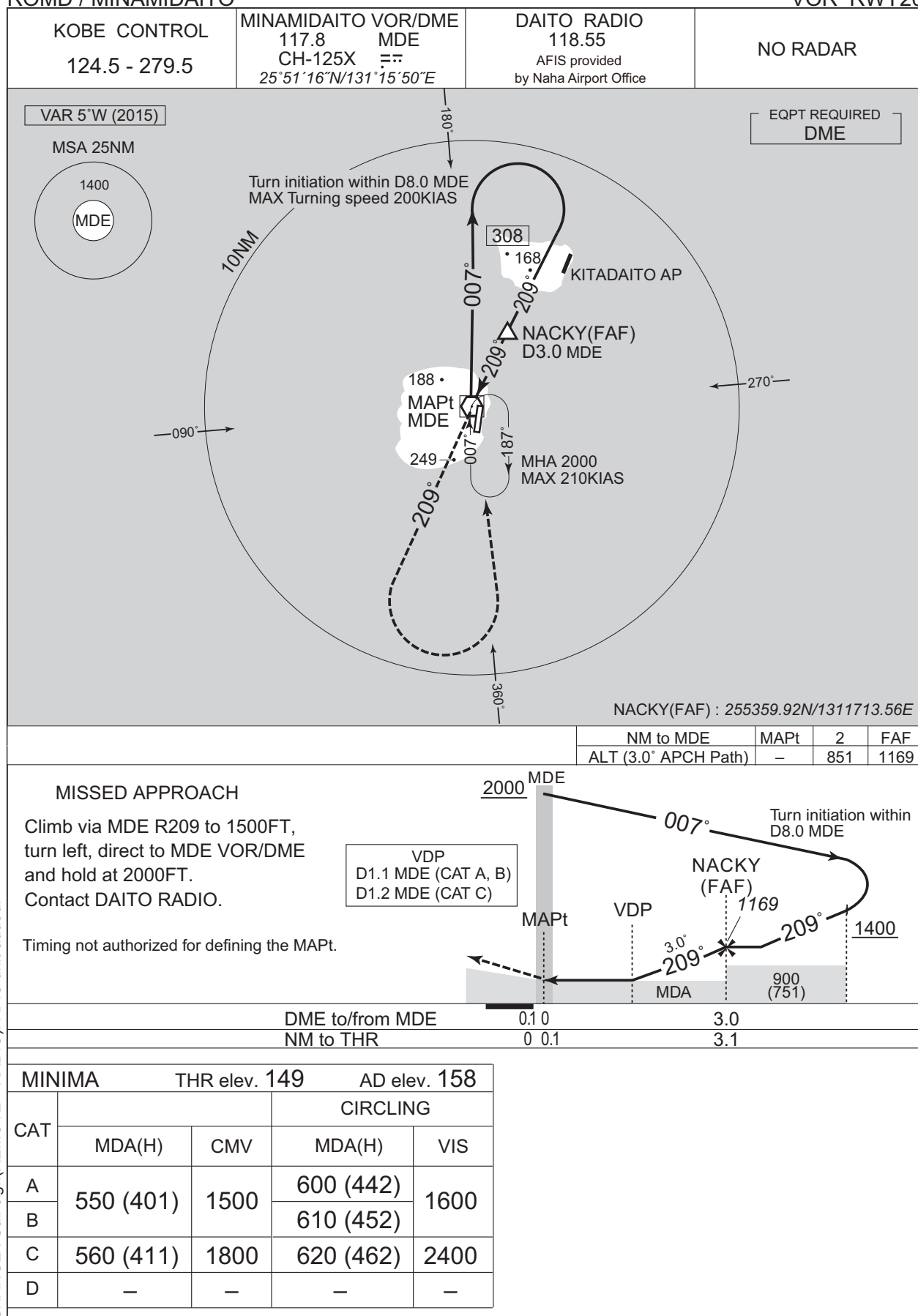
VOR RWY02



## INSTRUMENT APPROACH CHART

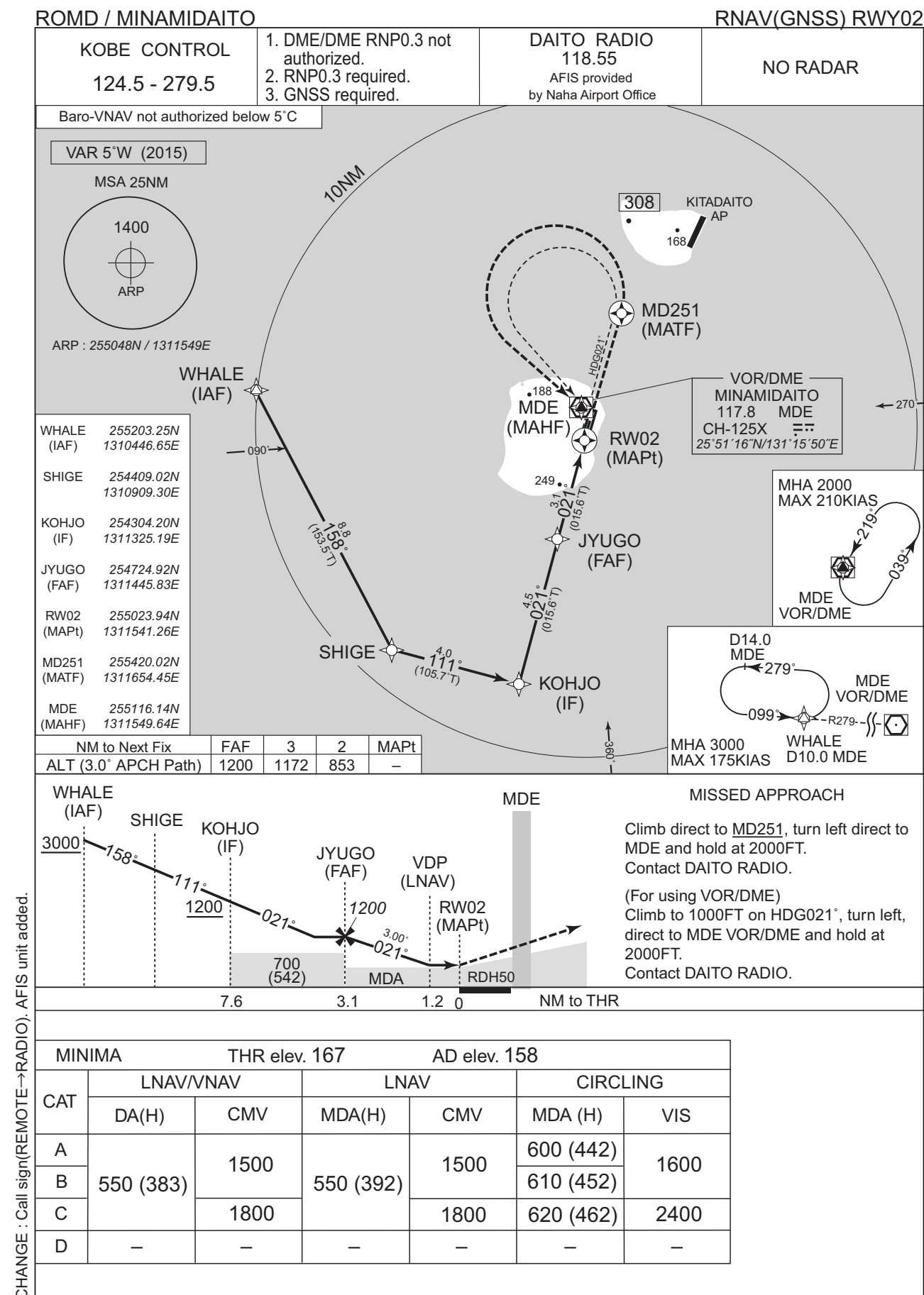
ROMD / MINAMIDAITO

VOR RWY20



CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

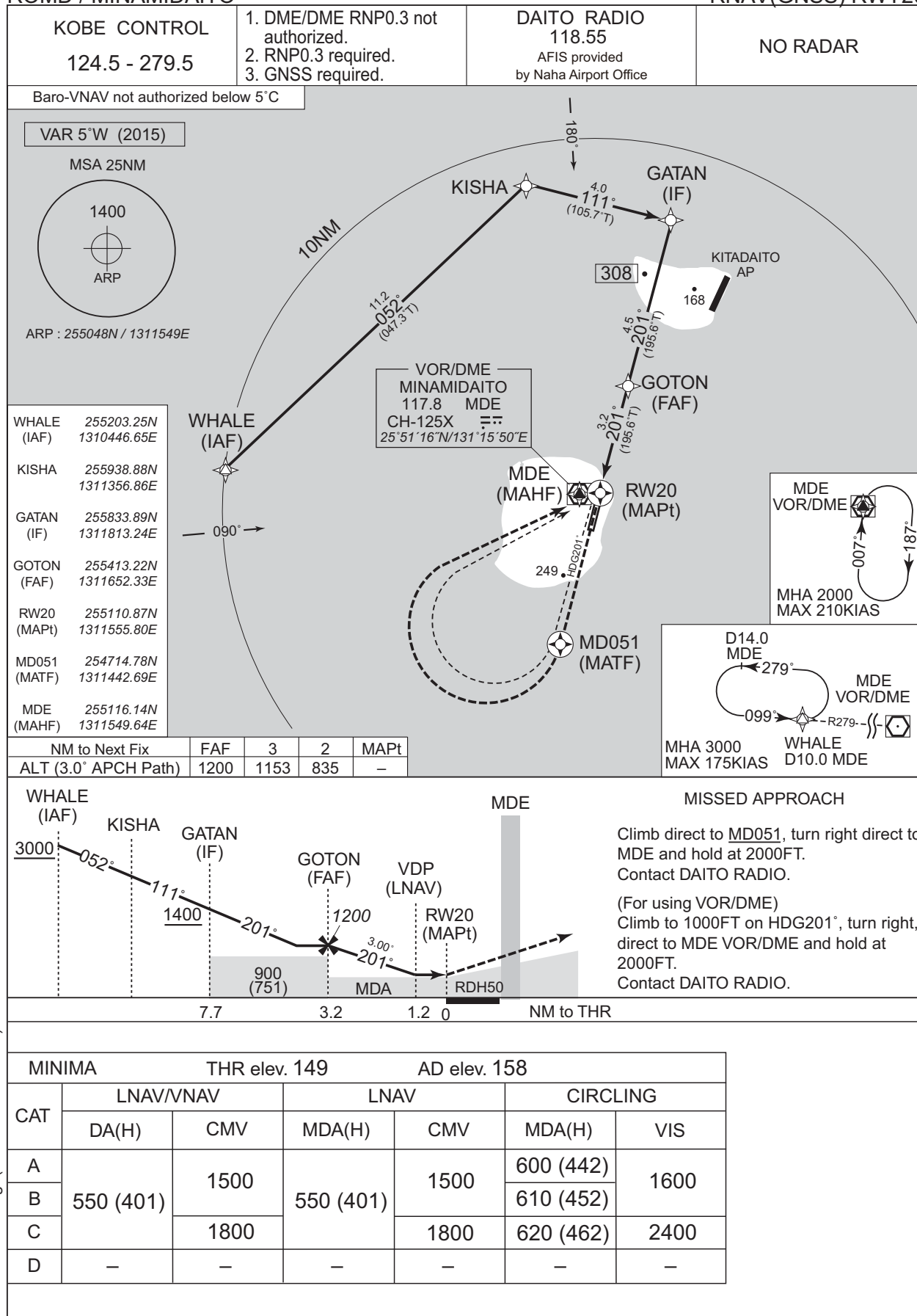
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

## ROMD / MINAMIDAITO

## RNAV(GNSS) RWY20

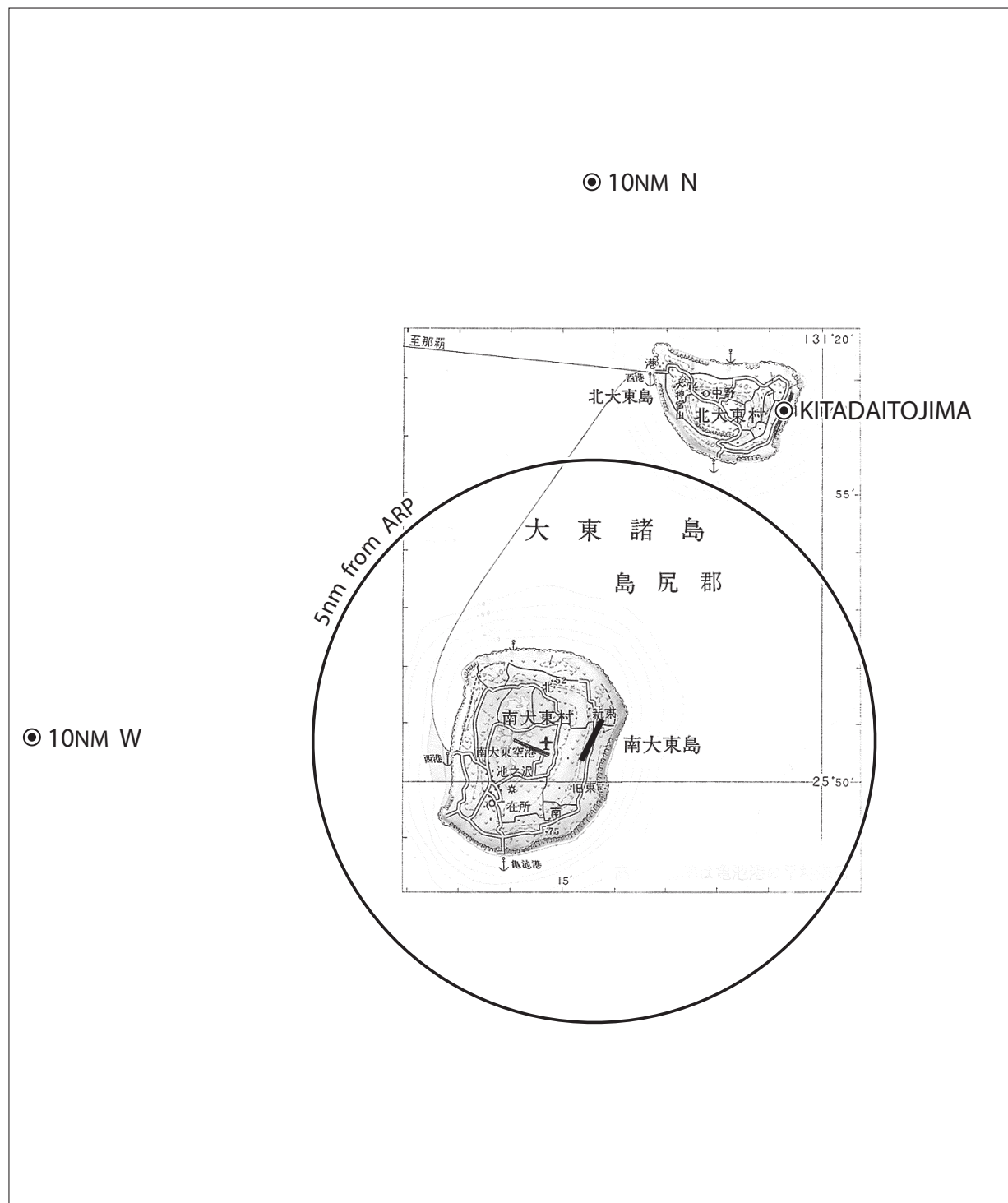


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.



ROMD / MINAMI DAITO

Visual REP



| Call sign             | BRG / DIST from ARP | Remarks                    |
|-----------------------|---------------------|----------------------------|
| 10NM N                | 000°/10NM           | 海上<br>Over the sea         |
| 10NM W                | 270°/10NM           | 海上<br>Over the sea         |
| 北大東島<br>Kitadaitojima | 035°/6.7NM          | 北大東空港<br>Kitadaito Airport |

## Minimum Vectoring Altitude CHART

