

## AD 2 AERODROMES

## RJFE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJFE - FUKUE

## RJFE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD   | 323959N/1284958E<br>APRX 400m SW of AP administration office   |
| 2 | Direction and distance from (city)   | 1.7nm SW of Goto city  |
| 3 | Elevation/ Reference temperature   | 251FT / 34°C (2003-2007)   |
| 4 | Geoid undulation at AD ELEV<br>PSN   | 99ft   |
| 5 | MAG VAR/ Annual change   | 7° W(2009) / 2.8°W   |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | Fukue Airport Administration Office, Nagasaki Prefectural Government<br>2158 Kamioozu, Gotou-city, Nagasaki, 853-0013, JAPAN<br>Tel: 0959-72-2400 e-mail: s12080@pref.nagasaki.lg.jp |
| 7 | Types of traffic permitted<br>(IFR/VFR)  | IFR/VFR  |
| 8 | Remarks  | Nil  |

## RJFE AD 2.3 OPERATIONAL HOURS

|    |                           |   |
|----|---------------------------|---|
| 1  | AD Administration         | 2300 - 1030   |
| 2  | Customs and immigration   | On request<br>Customs: 095-828-8641<br>Immigration: 095-822-5289              |
| 3  | Health and sanitation     | Quarantine(human): On request(095-826-8081)<br>Quarantine(animal, plant): Nil |
| 4  | AIS Briefing Office       | Nil   |
| 5  | ATS Reporting Office(ARO) | Nil   |
| 6  | MET Briefing Office       | H24 (FUKUOKA)   |
| 7  | ATS                       | 2300 - 1030<br>Remarks: AFIS provided by Fukuoka Airport Office.              |
| 8  | Fuelling                  | Nil   |
| 9  | Handling                  | Nil   |
| 10 | Security                  | 2300 - 1030   |
| 11 | De-icing                  | Nil   |
| 12 | Remarks                   | Nil   |

**RJFE 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 |

**RJFE AD 2.5 PASSENGER FACILITIES**

|   |                      |   |
|---|----------------------|---|
| 1 | Hotels               | in Goto city 5km                                      |
| 2 | Restaurants          | at Airport  |
| 3 | Transportation       | Busses and Taxis                                      |
| 4 | Medical facilities   | First aid treatment center, Hospital in Goto city 5km |
| 5 | Bank and Post Office | in Goto city 5km                                      |
| 6 | Tourist Office       | in Goto city 5km                                      |
| 7 | Remarks              | Nil   |

**RJFE 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                              |

**RJFE AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

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

|   |                                     |  |
|---|-------------------------------------|--|
| 1 | Apron surface and strength          | Surface: Asphalt<br>Strength: SOUTH : PCN 38/F/B/X/T<br>NORTH : PCN 14/F/C/Y/T                   |
| 2 | Taxiway width, surface and strength | Surface: Asphalt<br>Width & Strength :<br>T1 23m PCN 45/F/C/X/T<br>T2 18m PCN 13/F/C/Y/T         |
| 3 | ACL and elevation                   | Not AVBL   |
| 4 | VOR checkpoints                     | Not AVBL   |
| 5 | INS checkpoints                     | (Spot NR)<br>3: 323956.09N/1285017.80E<br>5: 323956.07N/1285017.79E<br>6: 323956.19N/1285017.54E |
| 6 | Remarks                             | Nil  |

**RJFE 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:RWY03/21<br>(Marking):RWY designation, RWY CL, RWY THR, TDZ, Aiming point, RWY side stripe<br>(LGT): RCLL, REDL, RTHL, RENL, RWY DIST marker LGT,<br>TWY:<br>(Marking):<br>(LGT): TWY edge LGT, TWY CL LGT(TWY T1), Taxiing guidance sign |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | (Marking): Overrun area<br>(LGT): Apron flood LGT   |

**RJFE AD 2.10 AERODROME OBSTACLES**

In approach/TKOF areas

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/ LGT | Remarks |
|-------------------|---------------|-------------|-----------|---------------|---------|
| Nil               |               |             |           |               |         |

In circling area and at AD

| Obstacle type | Coordinates          | Elevation | Markings/ LGT | Remarks                      |
|---------------|----------------------|-----------|---------------|------------------------------|
| Mountain      | to be developed      | 1039ft    | - / LIM       | above the horizontal surface |
| Mountain      | 324436.0N/1284455.2E | 830ft     | - / LIM       | above the horizontal surface |
| Antenna       | 323951.8N/1285036.0E | 582ft     | - / LIL       | above the horizontal surface |

## RJFE 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<br>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> ,<br>P <sub>SWG</sub> , 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,<br>etc.)                 | Nil  |

## RJFE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE BRG | Dimensions<br>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   |
| 03                     | 025.75°  | 2000x45                    | PCN 40/F/B/X/T<br>Asphalt Concrete  | 323929.34N/<br>1284941.44E<br>372ft     | THR ELEV:223FT  |
| 21                     | 205.75°  | 2000x45                    | PCN 40/F/B/X/T<br>Asphalt Concrete  | 324027.81N/<br>1285014.79E<br>322ft     | THR ELEV:273FT  |
|                        |          |                            |                                     |   |   |
| Slope of RWY           |          | Strip<br>Dimensions(M)     | RESA (Overrun)<br>Dimensions(M)     |   | Remarks   |
| 7                      |          | 10                         | 11                                  |   | 14  |
| See AD 2.24 AD Chart   |          | 2120x150                   | 195 x150                            |   | RWY Grooving 2000mx30m  |
|                        |          | 2120x150                   | 45 x 150                            |   |   |

## RJFE 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       |
| 03             | 2000        | 2000        | 2000        | 2000       | Nil     |
| 21             | 2000        | 2000        | 2000        | 2000       | Nil     |

## RJFE AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator  | APCH<br>LGT<br>type<br>LEN<br>INTST | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM 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                    |
| 03  | SALS<br>(*1)<br>420m<br>LIH         | Green                 | PAPI<br>3.0° /Left<br>323m<br>61FT              | Nil         | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil(*2)              |
| 21  | SALS<br>(*1)<br>420m<br>LIH         | Green                 | PAPI<br>3.0° /Left<br>388m<br>61FT              | Nil         | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil(*2)              |
| Remarks   |                                     |                       |   |             |   |  |                       |                      |
| 10  |                                     |                       |   |             |   |  |                       |                      |
| SALS with RAI(LEN:480m)(*1)<br>Overrun area edge LGT(LEN:60m,Color:Red)(*2) |                                     |                       |   |             |   |  |                       |                      |

## RJFE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |  |  |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 324010N/1285018E, White/Green EV4.3sec, HO  |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI: Nil<br>Anemometer: RWY03: 210m from RWY 03 THR, LGTD<br>RWY21: 260m from RWY 21 THR, LGTD |
| 3 | TWY edge and center line lighting                        | TWY edge and center line lights installed, see AD2.9   |
| 4 | Secondary power supply/ switch-over time                 | Within 15 sec: All lights  |
| 5 | Remarks  | WDI LGT  |

## RJFE AD 2.16 HELICOPTER LANDING AREA

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

## RJFE AD 2.17 ATS AIRSPACE

| Designation and lateral limits |   | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Transition altitude | Remarks |
|--------------------------------|---|----------------------|-------------------------|-----------------------------|---------------------|---------|
| 1                              |   | 2                    | 3                       | 4                           | 5                   | 6       |
| Fukue Information zone         | Area within a radius of 5NM(9km) of ARP | 3,000FT or below     | E                       | Fukue Radio En              | Nil                 | Nil     |

## RJFE AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign   | Frequency | Hours of operation | Remarks                             |
|---------------------|-------------|-----------|--------------------|-------------------------------------|
| 1                   | 2           | 3         | 4                  | 5                                   |
| AFIS                | Fukue Radio | 118.35MHz | 2300 - 1030        | Operated by Fukuoka Airport office. |

## RJFE 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 (7°W / 2008)              | FUE | 115.8MHz             | H24                | 324006.98N/<br>1284936.25E                   |                                       | VOR/DME Unusable:<br>(1)100° - 140° beyond<br>15nm BLW 4,000ft.  |
| DME                           | FUE | 1192MHz<br>(CH-105X) | H24                | 324006.98N/<br>1284936.25E                   | 296FT                                 | (2)260° -300° beyond<br>20nm BLW 4,000ft.  |
| LOC 03                        | IFU | 109.7MHz             | 2300-1030          | 324034.22N/<br>1285018.44E                   |                                       | LOC 03: 220m (722ft) away<br>FM RWY 21 THR, BRG<br>(MAG) 033°  |
| LOC-DME 03                    | IFU | 995MHz<br>(CH-34X)   | 2300-1030          | 324034.08N/<br>1285020.92E                   | 280FT                                 | LOC-DME 03: 244m (801ft)<br>away FM RWY 21 THR,<br>60m (197ft) E of RCL.   |
| LOC 21                        | IFE | 110.1MHZ             | 2300-1030          | 324003.51N/<br>1284956.55E                   |                                       | LOC 21: 880(2887FT) inside<br>FM RWY 21 THR,<br>102.6m(337FT) W of RCL.<br>LOC off-set angle 2.5°<br>BRG(MAG)215.63° |
| LOC-DME 21                    | IFE | 999MHz<br>(CH-38X)   | 2300-1030          | 324003.50N/<br>1284955.69E                   | 271FT                                 | LOC-DME 21:<br>890m(2920FT) inside FM<br>RWY21 THR.<br>122.6m(402FT) W of RCL.                                       |
| MSAS                          |     | 1575.42MHz           | H24                |  |                                       | Transmitting antennas are<br>satellite based.  |

RJFE / FUKUE

LOC

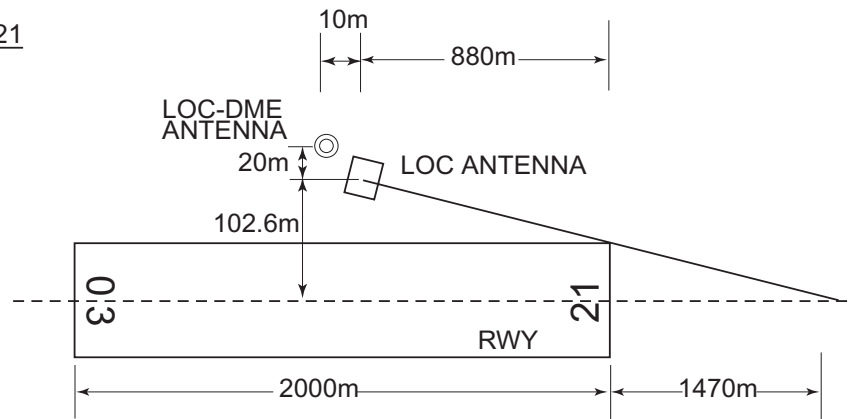
LOC for RWY03

FUKUE AP



REMARKS : 1.LOC beam BRG(MAG) 033°  
2.ELEV of LOC-DME 85.1m(280ft)

LOC for RWY21



REMARKS : 1. LOC OFFSET ANGLE 2.5°  
2. LOC Beam BRG (MAG) 215.63°  
3. ELEV of LOC-DME 82.5m(271ft)



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**RJFE 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 |
|-----|

**RJFE AD 2.21 NOISE ABATEMENT PROCEDURES**

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



## RJFE AD 2.22 FLIGHT PROCEDURES

## 1.TAKE OFF MINIMA

|   | RWY | ACFT<br>CAT | REDL & RCLL     |      | REDL or RCLL<br>or RCL Marking |      | NIL<br>(DAY ONLY) |      |
|---|-----|-------------|-----------------|------|--------------------------------|------|-------------------|------|
|   |     |             | RVR             | VIS  | RVR                            | VIS  | RVR               | VIS  |
| Multi-Engine<br>ACFT with TKOF<br>ALTN AP Filed | 03  | A,B,C,D     | -               | 400m | -                              | 400m | -                 | 500m |
|   | 21  | A,B,C,D     | -               | 400m | -                              | 400m | -                 | 500m |
| OTHER   | 03  | A,B,C,D     | AVBL LDG MINIMA |      |                                |      |                   |      |
|   | 21  | A,B,C,D     |                 |      |                                |      |                   |      |

## RJFE AD 2.23 ADDITIONAL INFORMATION

Nil

## RJFE AD 2.24 CHARTS RELATED TO AN AERODROME

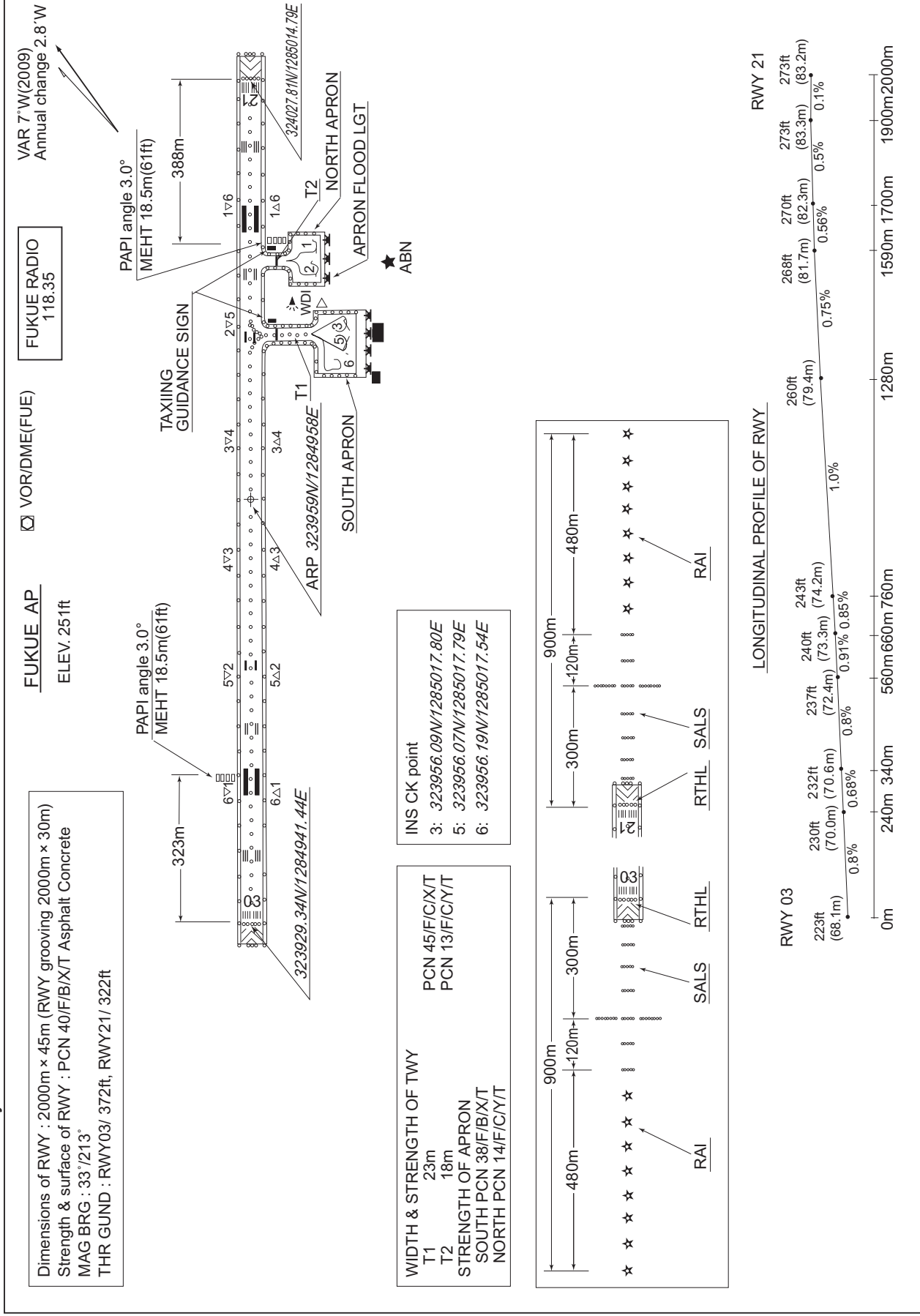
Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (NAGASAKI, IKI, FUKUE REVERSAL)  
Standard Departure Chart - Instrument (AGRIT-RNAV)  
Standard Departure Chart - Instrument (OLVIN-RNAV)  
Instrument Approach Chart (LOC RWY03)  
Instrument Approach Chart (VOR RWY03)  
Instrument Approach Chart (LOC Z RWY21)  
Instrument Approach Chart (LOC Y RWY21)  
Instrument Approach Chart (VOR RWY21)  
Instrument Approach Chart (RNP RWY03)  
Instrument Approach Chart (RNP RWY21)  
Other Chart (Visual REP)  
Other Chart (LDG CHART)  
Other Chart (MVA CHART)

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RJFE / FUKUE

AD CHART

CHANGE : Secondary FREQ abolished.



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STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

SID

NAGASAKI FOUR DEPARTURE

RWY 03 : Climb RWY HDG to 1300FT, turn right HDG127° ...  
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG037° ...  
...to intercept and proceed via FUE R082/OLE R263 to OLE VOR/DME.

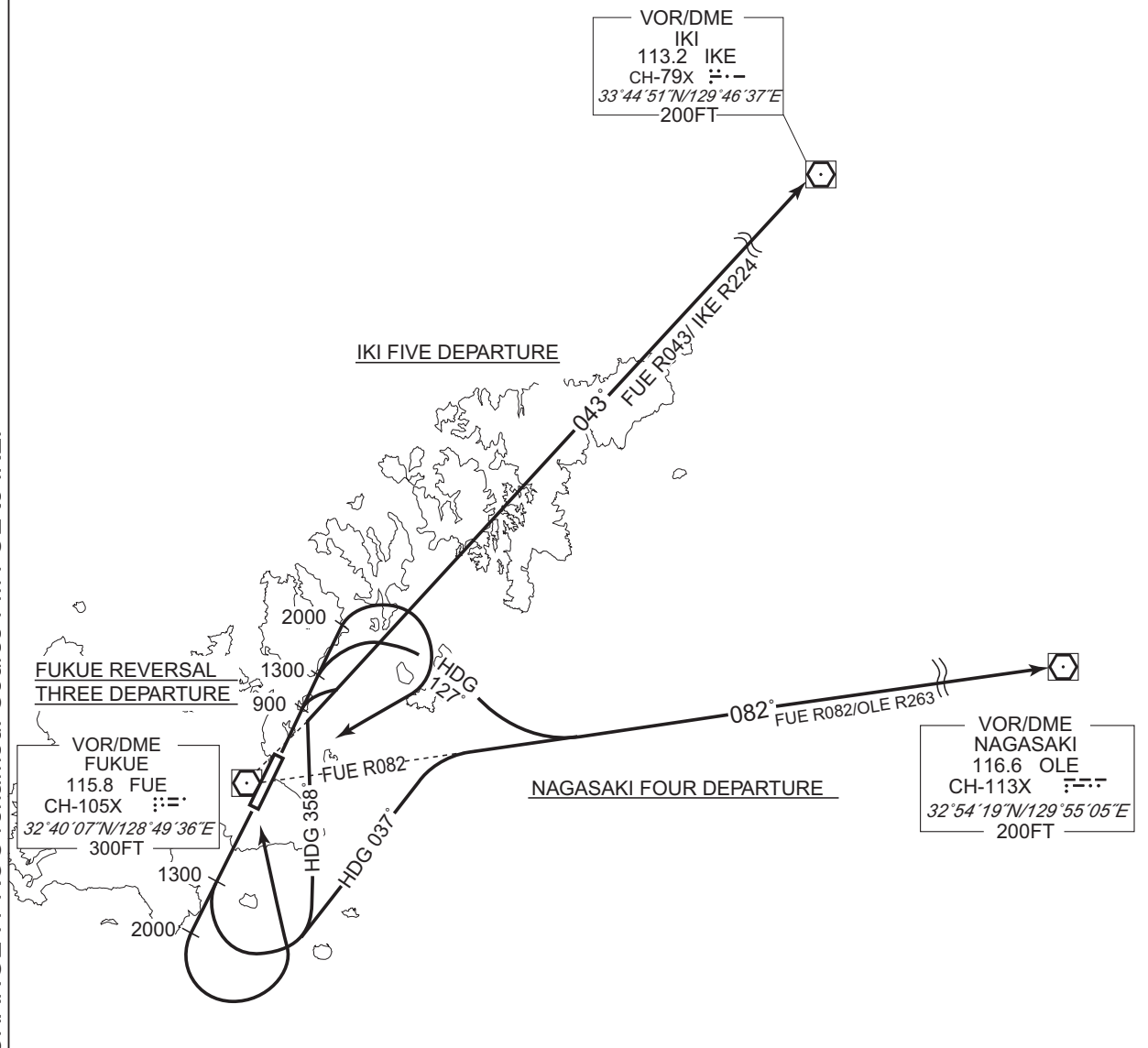
IKI FIVE DEPARTURE

RWY 03 : Climb RWY HDG to 900FT, turn right ...  
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG358° ...  
...to intercept and proceed via FUE R043/IKE R224 to IKE VOR/DME

FUKUE REVERSAL THREE DEPARTURE

RWY 03 : Climb RWY HDG to 2000FT, turn right ...  
RWY 21 : Climb RWY HDG to 2000FT, turn left ...  
...direct to FUE VOR/DME.

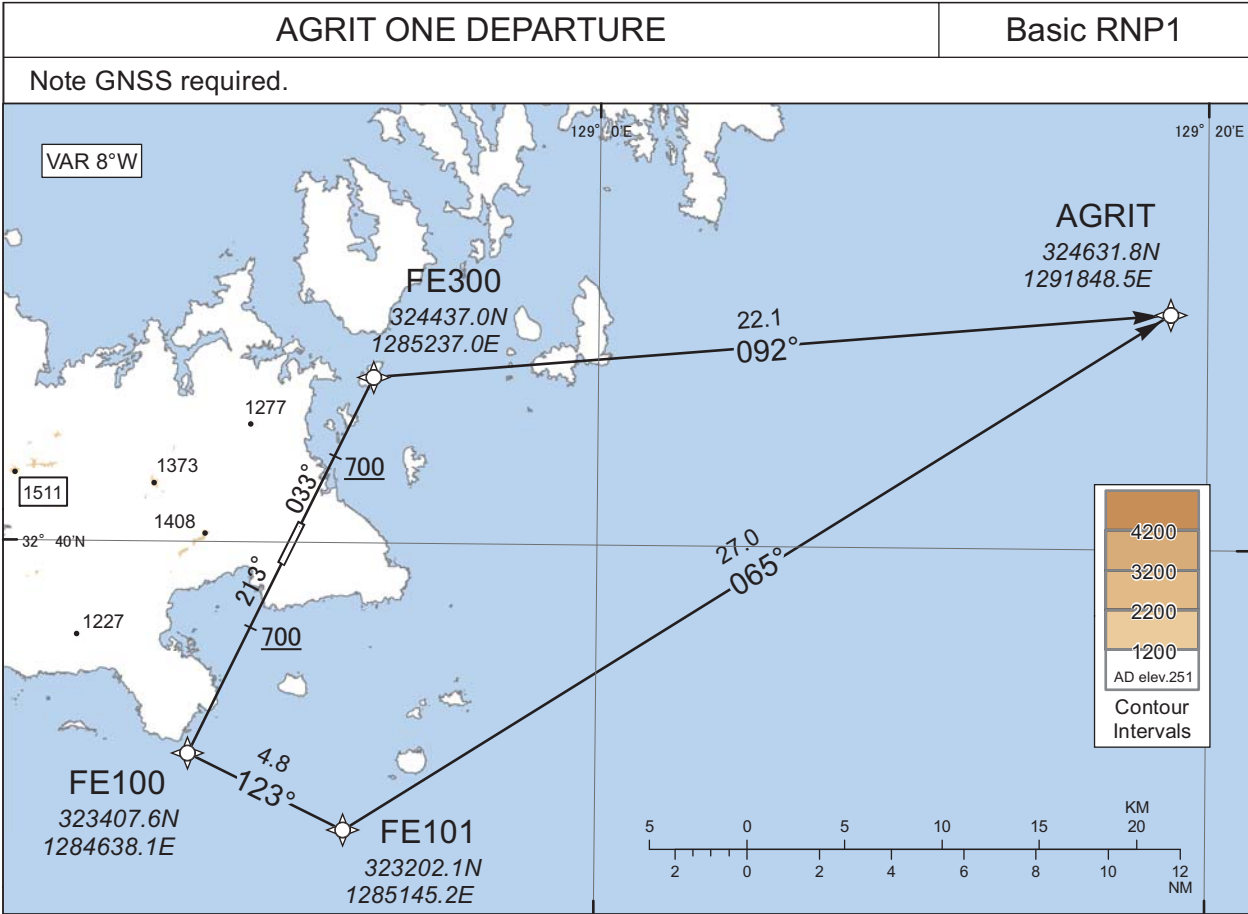
CHANGE : PROC renamed. Course FM FUE to IKE.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID



RWY03 : Climb on HDG033° at or above 700FT, direct to FE300, to AGRIT.  
RWY21 : Climb on HDG213° at or above 700FT, direct to FE100, to FE101, to AGRIT.

RWY03

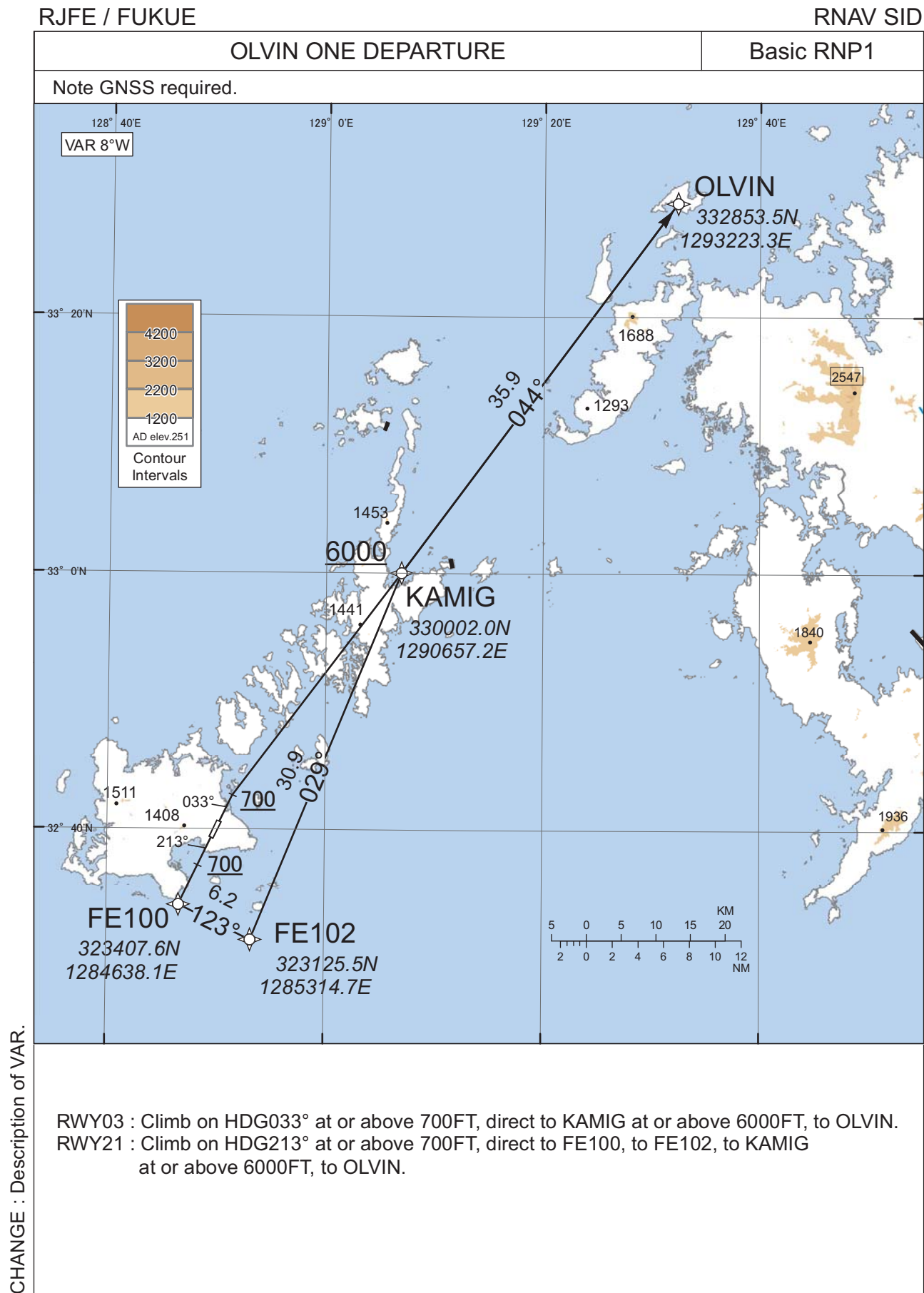
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                   | -        | 033 (025.6)   | -7.5               | -             | -              | +700          | -            | -              | Basic RNP1               |
| 002           | DF              | FE300               | -        | -             | -7.5               | -             | -              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | AGRIT               | -        | 092 (084.9)   | -7.5               | 22.1          | -              | -             | -            | -              | Basic RNP1               |

RWY21

| 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              | -                   | -        | 213 (205.7)   | -7.5               | -             | -              | +700          | -            | -              | Basic RNP1               |
| 002           | DF              | FE100               | -        | -             | -7.5               | -             | -              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | FE101               | -        | 123 (115.8)   | -7.5               | 4.8           | -              | -             | -            | -              | Basic RNP1               |
| 004           | TF              | AGRIT               | -        | 065 (057.4)   | -7.5               | 27.0          | -              | -             | -            | -              | Basic RNP1               |

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART - INSTRUMENT



## STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID

OLVIN ONE DEPARTURE

## RWY03

| 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              | -                   | -        | 033<br>(025.6) | -7.5               | -             | -              | +700          | -            | -              | Basic RNP1               |
| 002           | DF              | KAMIG               | -        | -              | -7.5               | -             | -              | +6000         | -            | -              | Basic RNP1               |
| 003           | TF              | OLVIN               | -        | 044<br>(036.3) | -7.5               | 35.9          | -              | -             | -            | -              | Basic RNP1               |

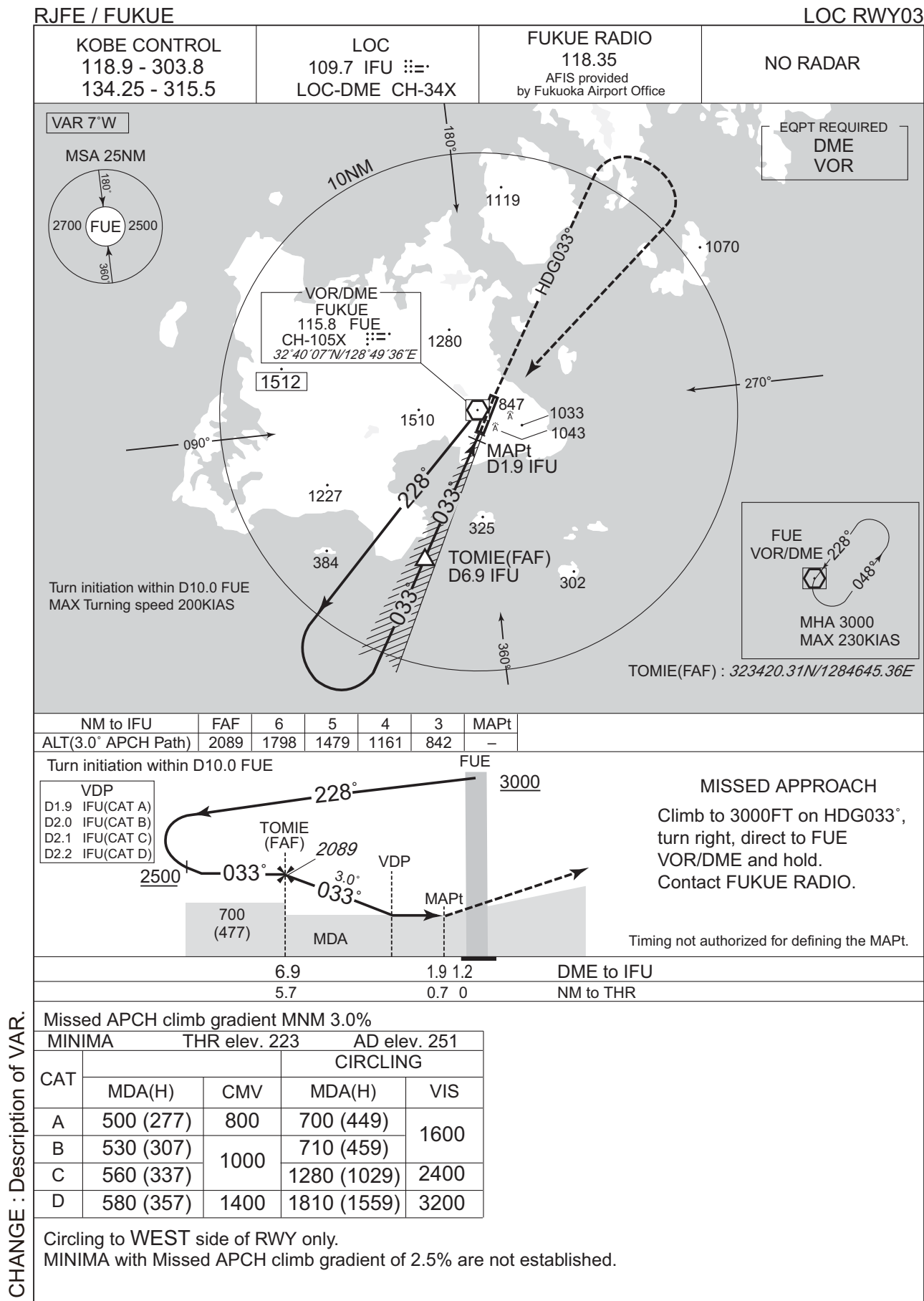
## RWY21

| 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              | -                   | -        | 213<br>(205.7) | -7.5               | -             | -              | +700          | -            | -              | Basic RNP1               |
| 002           | DF              | FE100               | -        | -              | -7.5               | -             | -              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | FE102               | -        | 123<br>(115.8) | -7.5               | 6.2           | -              | -             | -            | -              | Basic RNP1               |
| 004           | TF              | KAMIG               | -        | 029<br>(021.9) | -7.5               | 30.9          | -              | +6000         | -            | -              | Basic RNP1               |
| 005           | TF              | OLVIN               | -        | 044<br>(036.3) | -7.5               | 35.9          | -              | -             | -            | -              | Basic RNP1               |

CHANGE : New PROC.



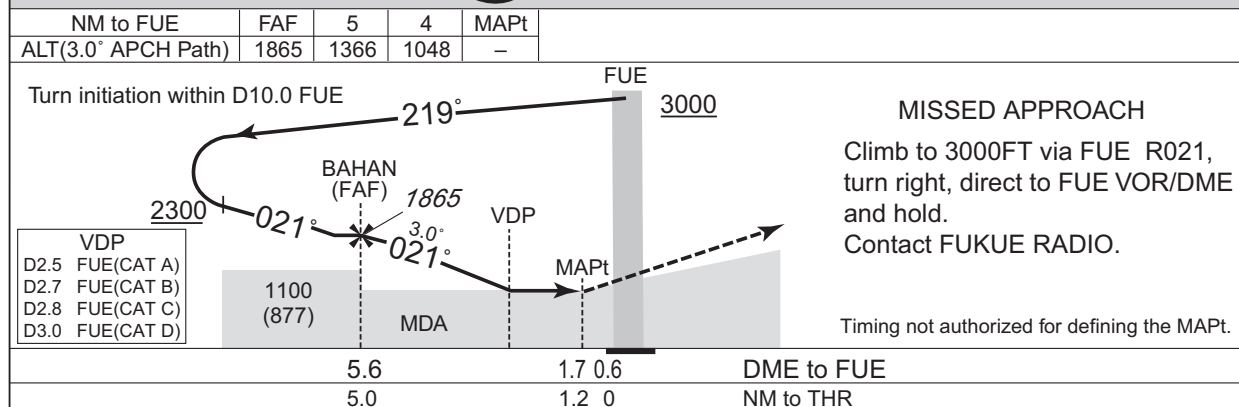
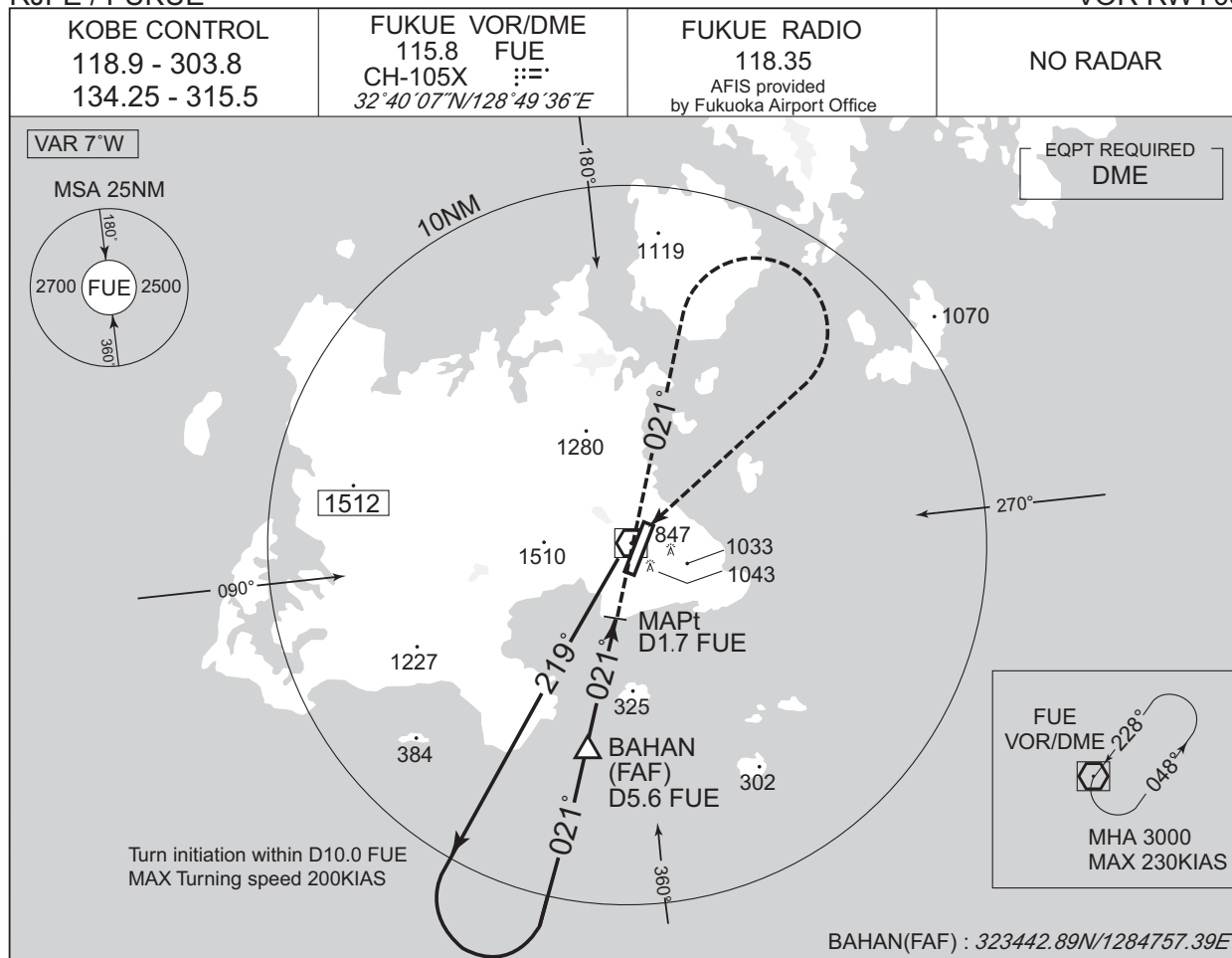
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY03



CHANGE : Description of VAR.

| Missed APCH climb gradient MNM 5.0% |            |               |              |      |
|-------------------------------------|------------|---------------|--------------|------|
| MINIMA                              |            | THR elev. 223 | AD elev. 251 |      |
| CAT                                 |            |               | CIRCLING     |      |
|                                     | MDA(H)     | CMV           | MDA(H)       | VIS  |
| A                                   | 880 (657)  | 1200          | 880 (629)    | 1600 |
| B                                   | 920 (697)  | 1400          | 920 (669)    |      |
| C                                   | 970 (747)  |               | 1280 (1029)  | 2400 |
| D                                   | 1010 (787) | 1800          | 1810 (1559)  | 3200 |

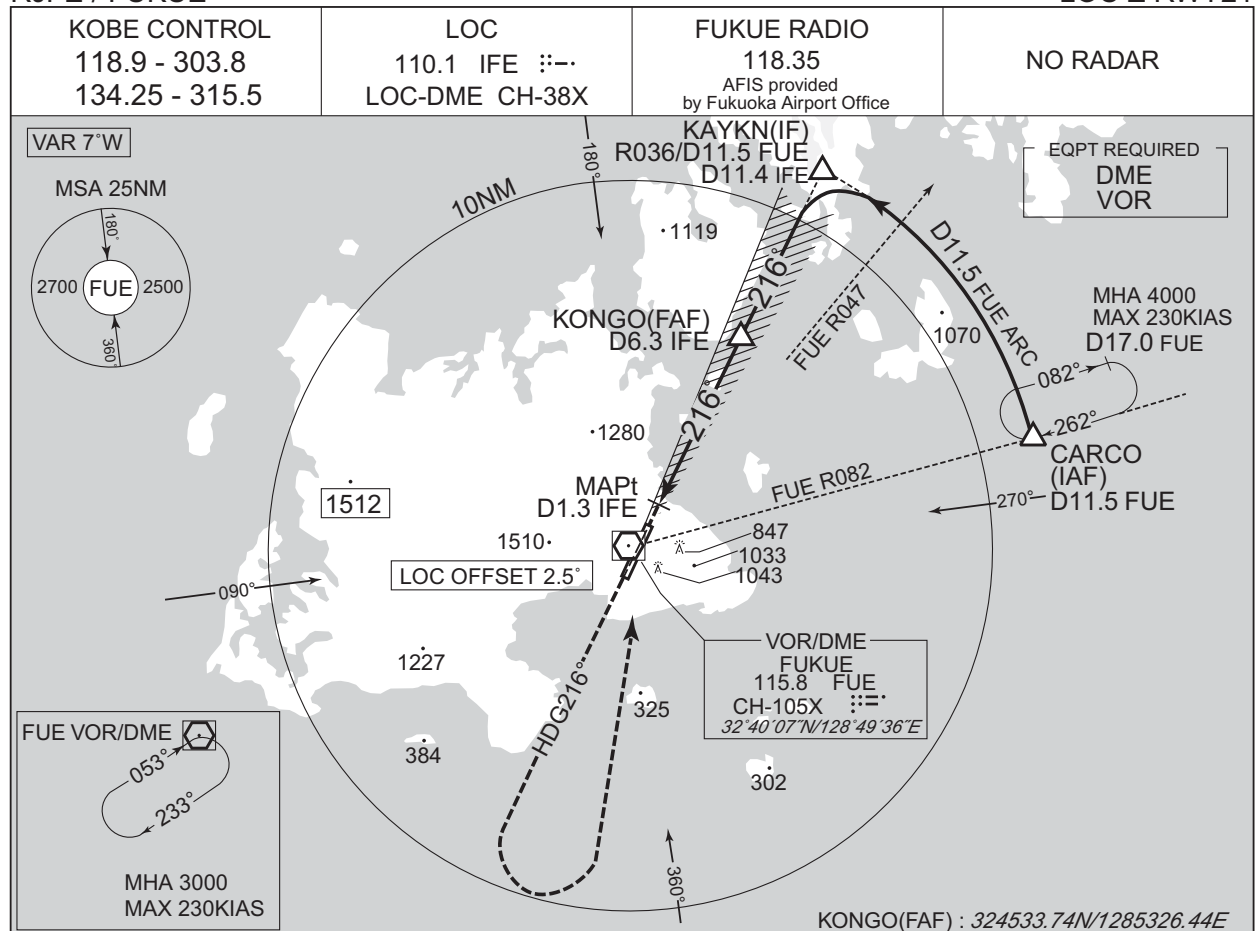
Circling to WEST side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

LOC Z RWY21

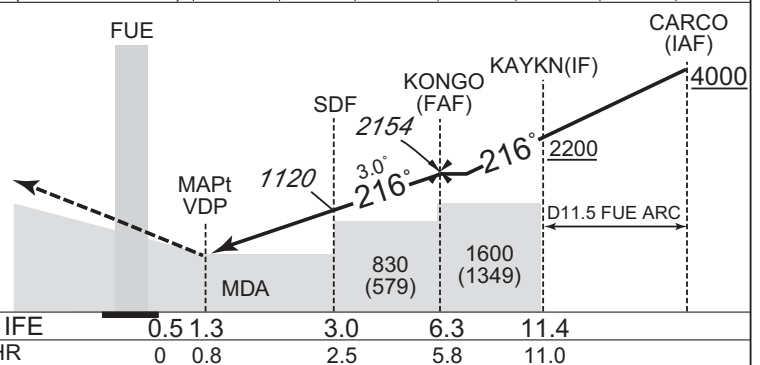


|                     | NM to IFE | MAPt | 2   | 3    | 4    | 5    | 6    | FAF  |
|---------------------|-----------|------|-----|------|------|------|------|------|
| ALT(3.0° APCH Path) | —         | —    | 801 | 1120 | 1438 | 1756 | 2075 | 2154 |

## MISSED APPROACH

Climb to 2000FT on HDG216°,  
turn left, direct to FUE  
VOR/DME and hold at 3000FT.  
Contact FUKUE RADIO.

Timing not authorized for defining the MAPt.



|            |     |     |     |     |      |
|------------|-----|-----|-----|-----|------|
| DME to IFE | 0.5 | 1.3 | 3.0 | 6.3 | 11.4 |
| NM to THR  | 0   | 0.8 | 2.5 | 5.8 | 11.0 |

Missed APCH climb gradient MNM 3.0%

| MINIMA |           | THR elev. 273 | AD elev. 251     |
|--------|-----------|---------------|------------------|
| CAT    | CIRCLING  |               |                  |
|        | MDA(H)    | CMV           | MDA(H) VIS       |
| A      | 570 (319) | 900           | 700 (449) 1600   |
| B      |           | 1000          | 710 (459)        |
| C      |           |               | 1280 (1029) 2400 |
| D      |           |               | 1810 (1559) 3200 |

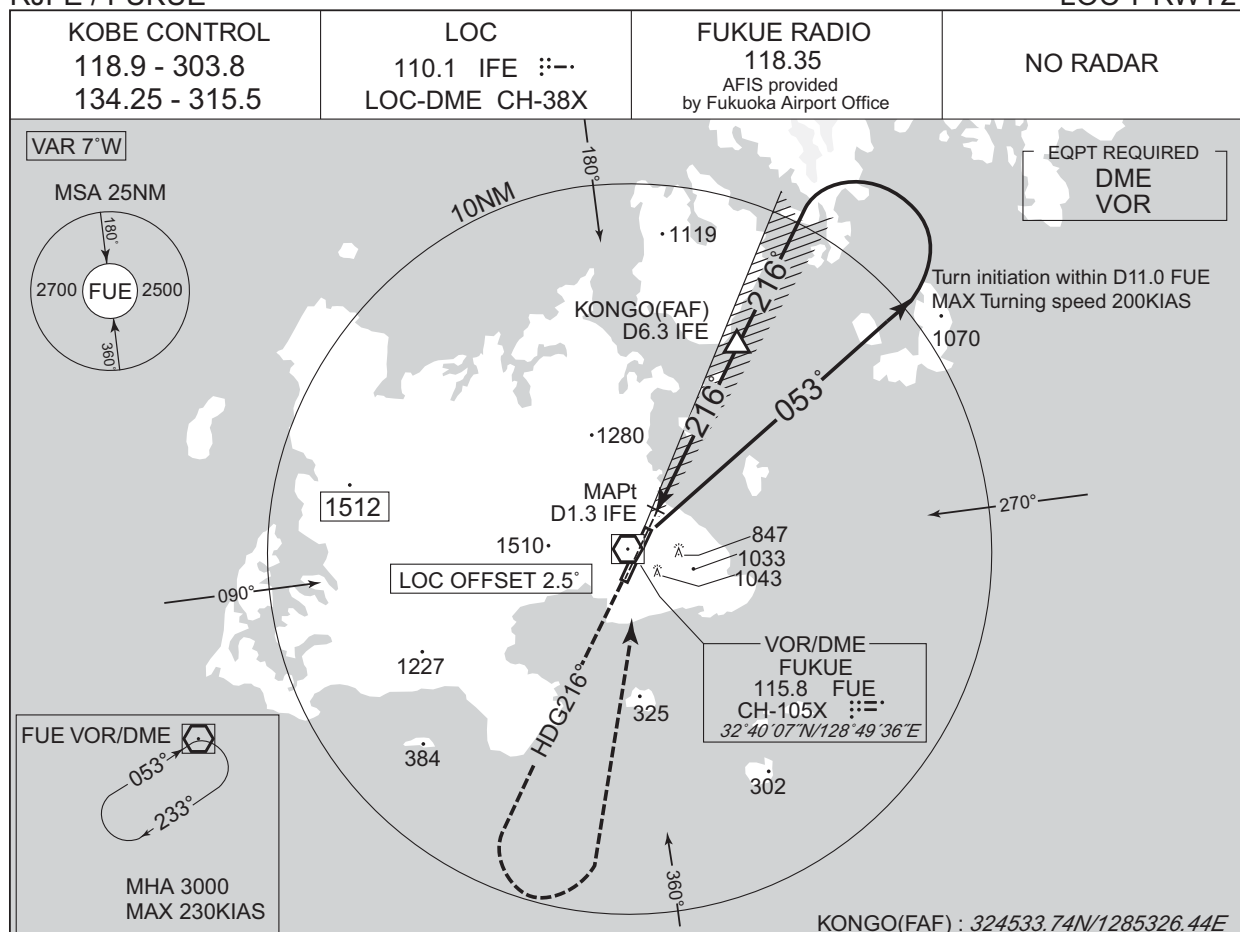
Circling to WEST side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

LOC Y RWY21

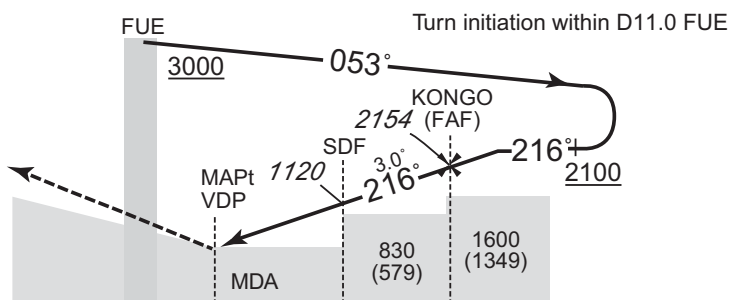


| NM to IFE           | MAPt | 2   | 3    | 4    | 5    | 6    | FAF  |
|---------------------|------|-----|------|------|------|------|------|
| ALT(3.0° APCH Path) | -    | 801 | 1120 | 1438 | 1756 | 2075 | 2154 |

**MISSED APPROACH**

Climb to 2000FT on HDG216°,  
turn left, direct to FUE  
VOR/DME and hold  
at 3000FT.  
Contact FUKUE RADIO.

Timing not authorized for defining the MAPt.



| DME to IFE | 0.5 | 1.3 | 3.0 | 6.3 |
|------------|-----|-----|-----|-----|
| NM to THR  | 0   | 0.8 | 2.5 | 5.8 |

Missed APCH climb gradient MNM 3.0%

MINIMA      THR elev. 273      AD elev. 251

| CAT | CIRCLING  |      | CIRCLING    |      |
|-----|-----------|------|-------------|------|
|     | MDA(H)    | CMV  | MDA(H)      | VIS  |
| A   | 570 (319) | 900  | 700 (449)   | 1600 |
| B   |           | 1000 | 710 (459)   |      |
| C   |           |      | 1280 (1029) |      |
| D   |           |      | 1810 (1559) |      |

Circling to WEST side of RWY only.

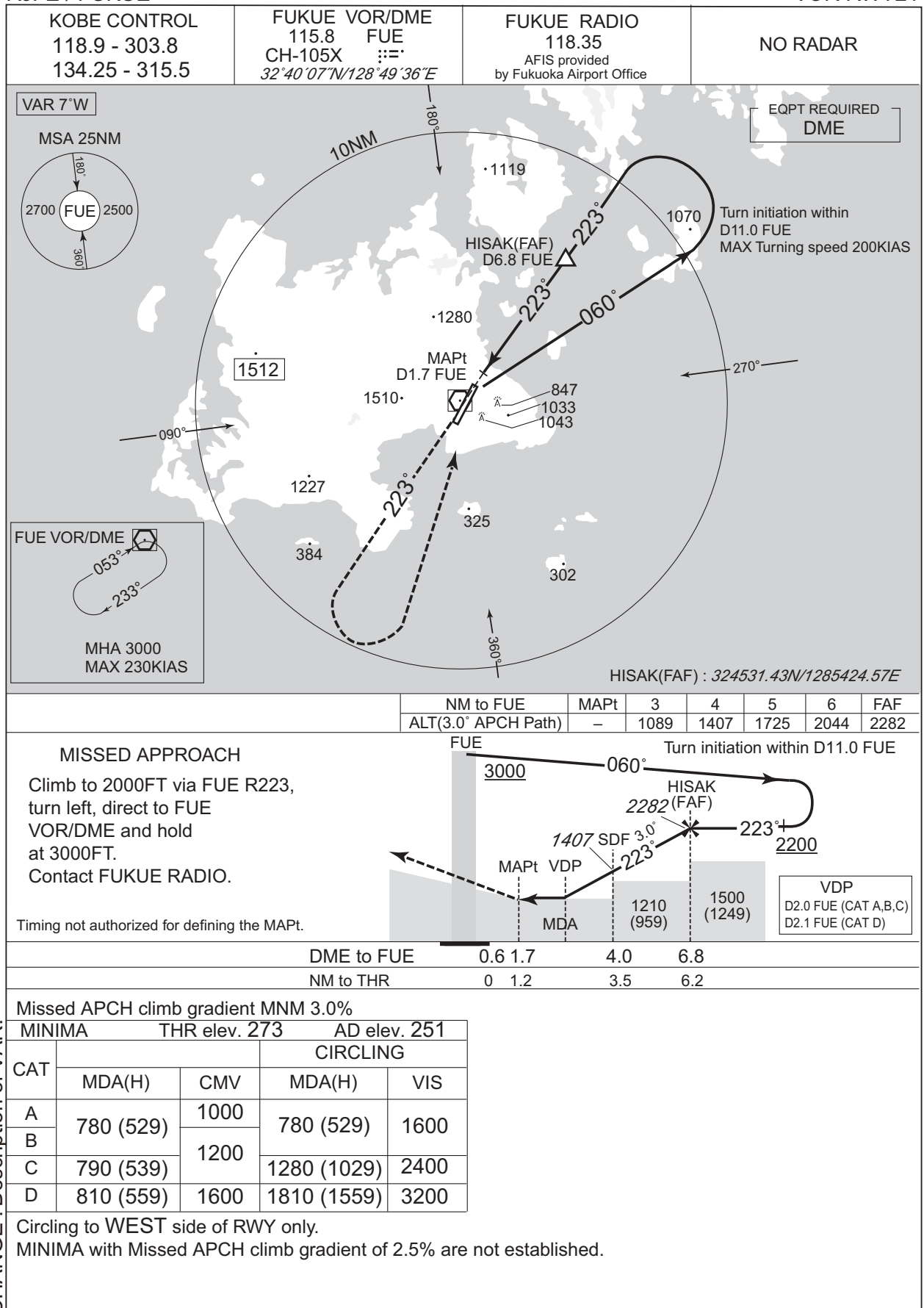
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Description of VAR.

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY21



## RJFE / FUKUE

**KOBE CONTROL**  
118.9 - 303.8  
134.25 - 315.5

**RNP APCH**  
MSNP CH88033  
M03A

**FUKUE RADIO**  
118.35  
AFIS provided by  
Fukuoka Airport Office

**NO RADAR**

Baro-VNAV not authorized below -5°C

**VAR 8°W**

**2200**  
**1700**  
**1200**  
**700**  
AD elev.251  
Contour  
Intervals

**10NM**

**1277**  
**1373**  
**1408**  
**1034**  
**1227**  
**1303**  
**1511**

**FE353(MATF)**  
R048/D1.2 FUE

**FE352 (MAPt)**

**NENCH (FAF)**

**FE351(IF)**  
MAX 185KIAS

**FE350**

**VOR/DME**  
FUKUE  
115.8 FUE  
CH-105X  
32°40'07"N/128°49'36"E

**MSA 25NM**  
2700  
ARP

**ARP: 323959N / 1284958E**

**CARCO (IAF/MAHF)**

**RNAV HLDG**

**1MIN**  
018°  
198°  
CARCO

**MHA 4000**  
MAX 230KIAS

**NOT TO SCALE**

**Using NAVAID**

**D17.0 FUE**  
082°  
262°  
CARCO  
D11.5 FUE  
MHA 4000  
MAX 230KIAS

**NOT TO SCALE**

| NM to Next Fix       | FAF  | 3    | 2    | MAPt |
|----------------------|------|------|------|------|
| AI T (3.0°APCH Path) | 1700 | 1642 | 1323 | -    |

**FE350**  
1 0 1 2 3 4 5 6 7 8 9 10  
1 2 3 4 5  
KM  
NM

CHANGE : Description of VAR.

|                                     |
|-------------------------------------|
| Missed APCH climb gradient MNM 5.0% |
|-------------------------------------|

Missed At CR climb gradient 1100/0.5%

| MINIMA |          | THR elev. 223 |           | AD elev. 251 |           |           |            |      |      |
|--------|----------|---------------|-----------|--------------|-----------|-----------|------------|------|------|
| CAT    | LPV      |               | LNAV/VNAV |              | LNAV      |           | CIRCLING   |      |      |
|        | DA(H)    | CMV           | DA(H)     | CMV          | MDA(H)    | CMV       | MDA(H)     | VIS  |      |
| A      | 611(388) | 900           | 1010(787) | 1200         | 1010(787) | 1200      | 1010(759)  | 1600 |      |
| B      | 621(398) | 1000          |           | 1400         |           | 1050(827) |            |      | 1400 |
| C      | 631(408) |               | 1090(867) |              | 1800      |           | 1090(867)  | 1800 |      |
| D      | 641(418) | 1400          | 1090(867) | 1800         | 1090(867) | 1800      | 1810(1559) | 3200 |      |

|                                    |     |     |     |
|------------------------------------|-----|-----|-----|
|                                    | ( ) | ( ) | ( ) |
| Circling to WEST side of RWY only. |     |     |     |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY03

**FAS DATA BLOCK**

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00987        |
| SBAS service provider identifier | 2             | FPAP latitude              | 324027.7825N  |
| Airport identifier               | RJFE          | FPAP longitude             | 1285014.8040E |
| Runway                           | 03            | 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                | M03A          | ∠ length offset            | 0000          |
| LTP/FTP latitude                 | 323929.3105N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1284941.4435E | VAL                        | 50.0          |
| CRC remainder                    | E0818BF5      |                            |               |

**Required additional data**

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 67.7 |
|----------------------------|------|

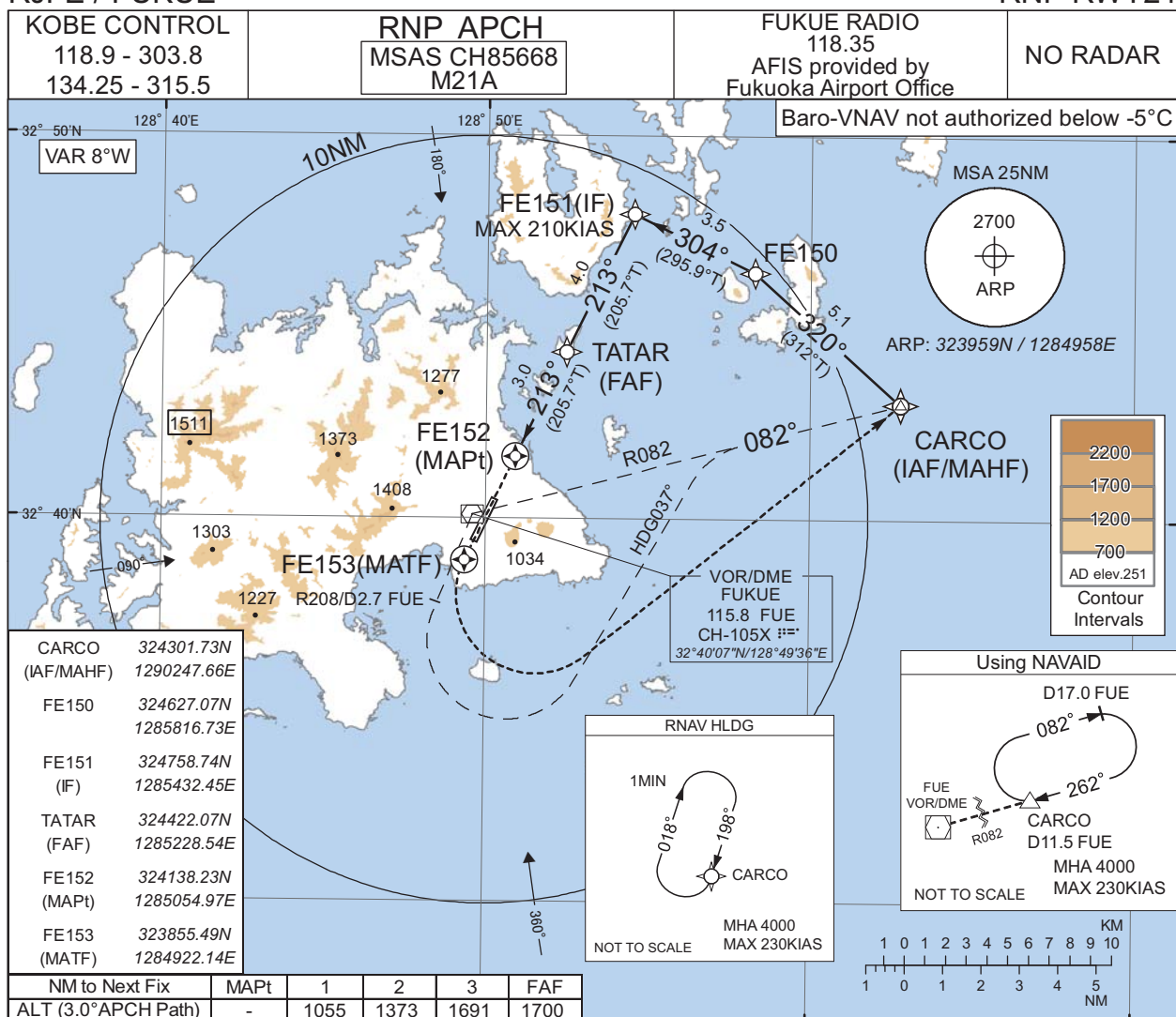
CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).



## INSTRUMENT APPROACH CHART

RJFE / FUKUE

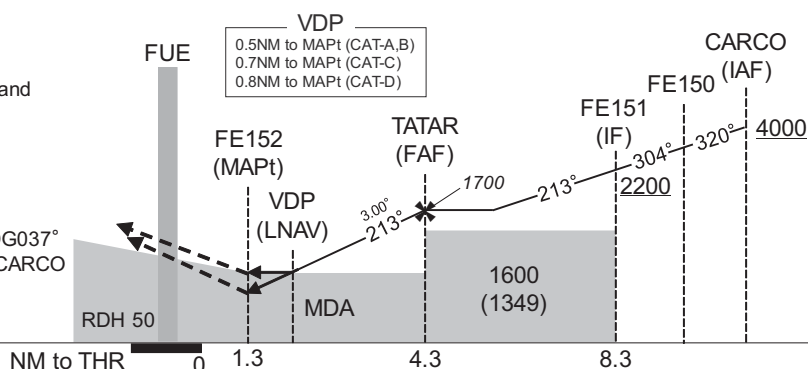
RNP RWY21



## MISSED APPROACH

Direct to FE153, turn left direct to CARCO and hold at 4000FT.  
Contact FUKUE RADIO.

(For using VOR/DME)  
Climb to 4000FT, direct to FUE VOR/DME, via FUE R208 to FUE 2.7DME, turn left HDG037° to intercept and proceed via FUE R082 to CARCO and hold.  
Contact FUKUE RADIO.



Missed APCH climb gradient MNM 5.0%

| MINIMA |          | THR elev. 273 | AD elev. 251 |      |          |      |            |      |
|--------|----------|---------------|--------------|------|----------|------|------------|------|
| CAT    | LPV      |               | LNAV/VNAV    |      | LNAV     |      | CIRCLING   |      |
|        | DA(H)    | CMV           | DA(H)        | CMV  | MDA(H)   | CMV  | MDA(H)     | VIS  |
| A      | 721(448) | 900           | 880(607)     | 1000 | 880(629) | 1000 | 880(629)   | 1600 |
| B      | 731(458) | 1200          |              | 1200 |          | 1200 |            |      |
| C      | 741(468) | 1600          | 930(657)     | 1400 | 930(679) | 1400 | 1280(1029) | 2400 |
| D      | 751(478) |               | 970(697)     | 1800 | 970(719) | 1800 | 1810(1559) | 3200 |

Circling to WEST side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Description of VAR.



## INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY21

**FAS DATA BLOCK**

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +01140        |
| SBAS service provider identifier | 2             | FPAP latitude              | 323929.3105N  |
| Airport identifier               | RJFE          | FPAP longitude             | 1284941.4435E |
| Runway                           | 21            | 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                | M21A          | ∠ length offset            | 0000          |
| LTP/FTP latitude                 | 324027.7825N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1285014.8040E | VAL                        | 50.0          |
| CRC remainder                    | 7B7068FB      |                            |               |

**Required additional data**

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 82.9 |
|----------------------------|------|

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJFE / FUKUE

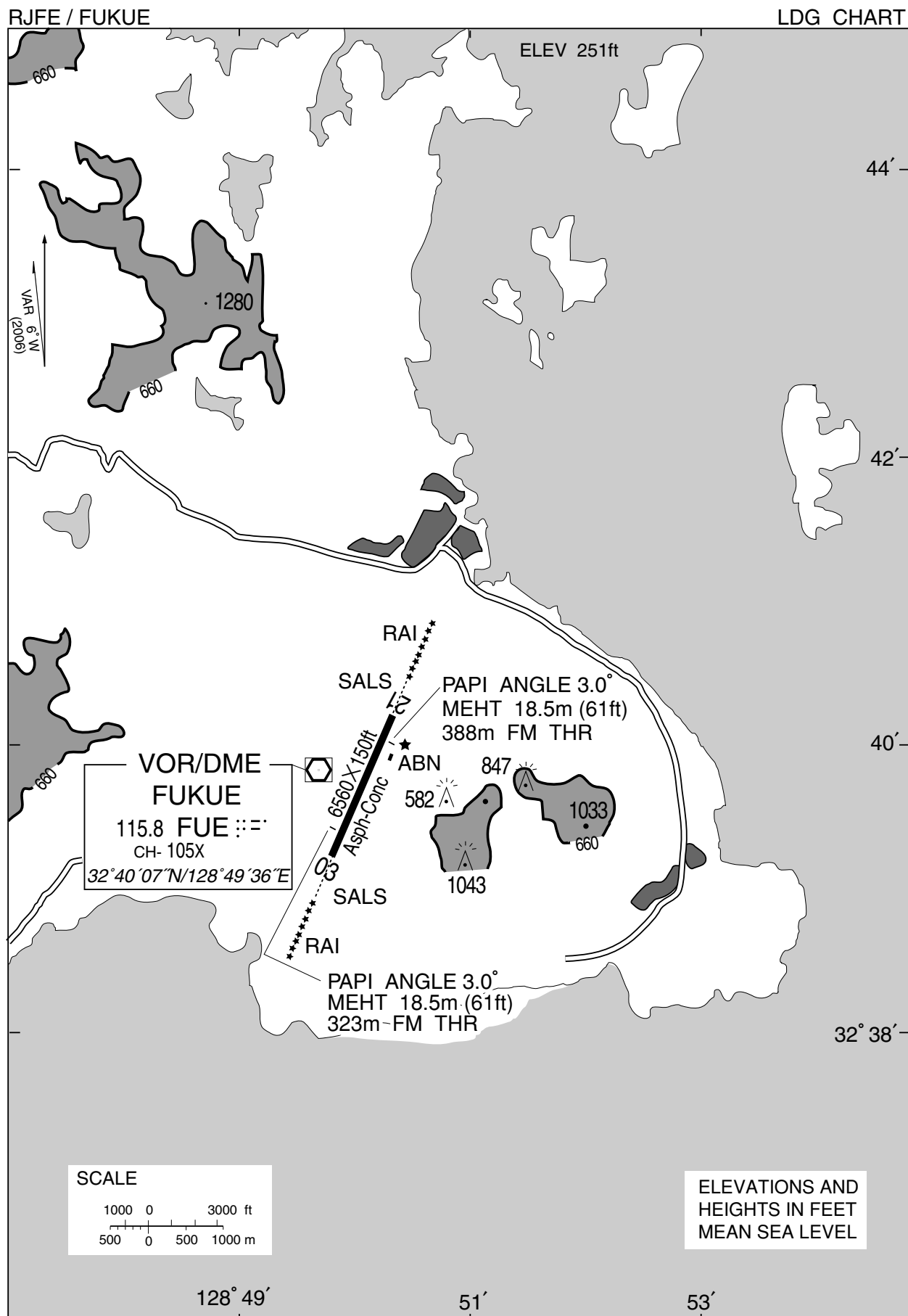
Visual REP



※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 : Secondary FREQ abolished.

| Call sign        | BRG / DIST from ARP | Remarks               |
|------------------|---------------------|-----------------------|
| 奈留島<br>Narushima | 029°T / 10.8NM      | 浦港<br>Harbor          |
| 枇島<br>Kabashima  | 053°T / 10.2NM      | 島<br>Island           |
| 京ノ岳<br>Kyonodake | 304°T / 10.1NM      | レーダーサイト<br>Radar site |
| 蝶螺島<br>Sazaejima | 055°T / 4.0NM       | 島<br>Island           |
| 二本楠<br>Nihongusu | 275°T / 5.2NM       | 十字路<br>Intersection   |
| 富江港<br>Tomieko   | 230°T / 4.4NM       | 港<br>Harbor           |
| 大瀬崎<br>Osezaki   | 255°T / 12.2NM      | 灯台<br>Lighthouse      |
| 黒島<br>Kuroshima  | 179°T / 4.0NM       | 島<br>Island           |
| 黄島<br>Oshima     | 151°T / 6.9NM       | 島<br>Island           |



RJFE / FUKUE

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment.



**INTENTIONALLY LEFT BLANK**