

## AD 2 AERODROMES

## RJDB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJDB - IKI

## RJDB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD   | 334457N/1294709E<br>APRX 200m SE of AP administration office  |
| 2 | Direction and distance from (city)   | 33nm WNW FUKUOKA  |
| 3 | Elevation/ Reference temperature   | 41ft / 30°C (2003-2007)   |
| 4 | Geoid undulation at AD ELEV<br>PSN   | 100ft   |
| 5 | MAG VAR/ Annual change   | 7°W(2009) / 2.5°W   |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | Iki Airport Administration Office, Nagasaki Prefectural Government<br>1725 Ishidachoutsutsukihigashi-fure, Iki-city, Nagasaki, 811-5203 JAPAN<br>Tel: 0920-44-5167 e-mail: s13070@pref.nagasaki.lg.jp |
| 7 | Types of traffic permitted(IFR/<br>VFR)  | IFR/VFR   |
| 8 | Remarks  | Nil   |

## RJDB AD 2.3 OPERATIONAL HOURS

|    |                           |   |
|----|---------------------------|---|
| 1  | AD Administration         | 2300 - 1000   |
| 2  | Customs and immigration   | On request<br>Customs: 0920-52-1112<br>Immigration: 092-262-2373              |
| 3  | Health and sanitation     | Quarantine(human): On request(0920-52-0089)<br>Quarantine(animal, plant): Nil |
| 4  | AIS Briefing Office       | Nil   |
| 5  | ATS Reporting Office(ARO) | Nil   |
| 6  | MET Briefing Office       | H24 (FUKUOKA)   |
| 7  | ATS                       | ATS: 2300 - 1000<br>Remarks: AFIS provided by Fukuoka Airport Office.         |
| 8  | Fuelling                  | Nil   |
| 9  | Handling                  | Nil   |
| 10 | Security                  | 2300 - 1000   |
| 11 | De-icing                  | Nil   |
| 12 | Remarks                   | Nil   |

**RJDB 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 |

**RJDB AD 2.5 PASSENGER FACILITIES**

|   |                      |                  |
|---|----------------------|------------------|
| 1 | Hotels               | In Iki city 11km |
| 2 | Restaurants          | In Iki city 11km |
| 3 | Transportation       | Busses and Taxis |
| 4 | Medical facilities   | In Iki city 11km |
| 5 | Bank and Post Office | In Iki city 11km |
| 6 | Tourist Office       | In Iki city 11km |
| 7 | Remarks              | Nil              |

**RJDB 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                              |

**RJDB AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

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

|   |                                     |   |
|---|-------------------------------------|---|
| 1 | Apron surface and strength          | Surface: Asphalt    Strength: PCR 172/F/C/Y/T                         |
| 2 | Taxiway width, surface and strength | Width: 18m<br>Surface: Asphalt    Strength: PCR 172/F/C/Y/T           |
| 3 | ACL and elevation                   | Not Available   |
| 4 | VOR checkpoints                     | Not Available   |
| 5 | INS checkpoints                     | (Spot NR)<br>1. 334500.60N, 1294703.91E<br>2. 334458.94N, 1294703.63E |
| 6 | Remarks                             | Nil   |

**RJDB 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, Aiming point, TDZ, RWY side stripe<br>(LGT) REDL, RTHL, RENL, RWY DIST marker LGT<br><br>TWY:<br>(Marking) TWY CL, TWY side stripe<br>(LGT) TWY edge LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | (LGT) Apron flood LGT   |

**RJDB AD 2.10 AERODROME OBSTACLES**

In Area2    See obstacle data

In Area3    To be developed

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

## RJDB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR                 | TRUE<br>BRG | Dimensions of<br>RWY(M) | Strength(PCR) 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                                     | 009.36°     | 1200x30                 | PCR                                 | 334437.31N/1294704.70E                  | THR ELEV: 23ft  |
| 20                                     | 189.36°     | 1200x30                 | Asphalt Concrete                    | 334515.74N/1294712.29E                  | THR ELEV: 52ft  |
|  |             |                         |                                     | 123ft                                   |   |
|  |             |                         |                                     | 152ft                                   |   |
| Slope of RWY                           |             | Strip<br>Dimensions(M)  | RESA (Overrun)<br>Dimensions(M)     |   | Remarks   |
| 7                                      |             | 10                      | 11                                  |   | 14  |
| See AD 2.24 AD Chart                   |             | 1320x90                 | 10 x (MNM:10 MAX:120)*              |   | RWY grooving 1200m X 20m  |
|  |             | 1320x90                 | 35 x (MNM:70 MAX:90)*               |   |   |
| *For detail, ask airport administrator |             |                         |                                     |   |   |

**RJDB 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             | 1200        | 1200        | 1200        | 1200       | Nil     |
| 20             | 1200        | 1200        | 1200        | 1200       | Nil     |

**RJDB 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>224.2m<br>45ft               | Nil         | Nil                                      | 1200m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*1)          |
| 20  | Nil                                 | Green                 | PAPI<br>3.0° /LEFT<br>302m<br>45ft                 | Nil         | Nil                                      | 1200m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*1)          |
| Remarks   |                                     |                       |  |             |  |  |                       |                      |
| 10  |                                     |                       |  |             |  |  |                       |                      |
| Overrun area edge LGT (LEN:60m Color: Red)<br>RWY THR ID LGT for RWY 02/20 THR (Color: White) |                                     |                       |  |             |  |  |                       |                      |

The unusable area of PAPI for runway 20 is shown in the charts below.

滑走路20末端側進入角指示灯の使用制限は下図のとおり。

The unusable area of PAPI for runway 20 is shown in the charts below.



**RJDB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |   |  |
|---|---|--|
| 1 | ABN/ IBN location, characteristics and hours of operation | ABN:334459N/1294701E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT<br>Anemometer location and LGT       | LDI: Nil<br>Anemometer : 490m from RWY 20 THR  |
| 3 | TWY edge and centerline lighting                          | TWY edge LGT: Blue                             |
| 4 | Secondary power supply/ switch-over time                  | Nil  |
| 5 | Remarks   | WDI LGT  |

**RJDB AD 2.16 HELICOPTER LANDING AREA**

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

**RJDB 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       |
| Iki Information Zone           | Area within a radius of 5nm(9km) of Iki ARP | 3,000 or below       | E                       | Iki Radio En                |         |

**RJDB AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign | Frequency | Hours of operation | Remarks                            |
|---------------------|-----------|-----------|--------------------|------------------------------------|
| 1                   | 2         | 3         | 4                  | 5                                  |
| AFIS                | IKI RADIO | 118.2MHz  | 2300 - 1000        | Operated by Fukuoka Airport Office |

## RJDB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>(VOR declina-<br>tion) | ID  | Frequency           | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks |
|---------------------------------------|-----|---------------------|-----------------------|---|--|---------|
| 1                                     | 2   | 3                   | 4                     | 5   | 6  | 7       |
| VOR<br>(8°W/2021)                     | IKE | 113.2MHz            | H24                   | 334451.04N/<br>1294636.67E                            |  |         |
| DME                                   | IKE | 1166MHz<br>(CH-79X) | H24                   | 334451.04N/<br>1294636.67E                            | 216ft  |         |

## RJDB 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 |
|-----|



**RJDB AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**RJDB 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<br>TKOF ALTN<br>AP FILED | 02  | A,B         | -               | -        | -                              | 200'-1600m | -                     | 200'-1600m |
|  | 20  | A,B         | -               | -        | -                              | 200'-1600m | -                     | 200'-1600m |
| OTHER  | 02  | A,B         | AVBL LDG MINIMA |          |                                |            |                       |            |
|  | 20  |             |                 |          |                                |            |                       |            |

**RJDB AD 2.23 ADDITIONAL INFORMATION**

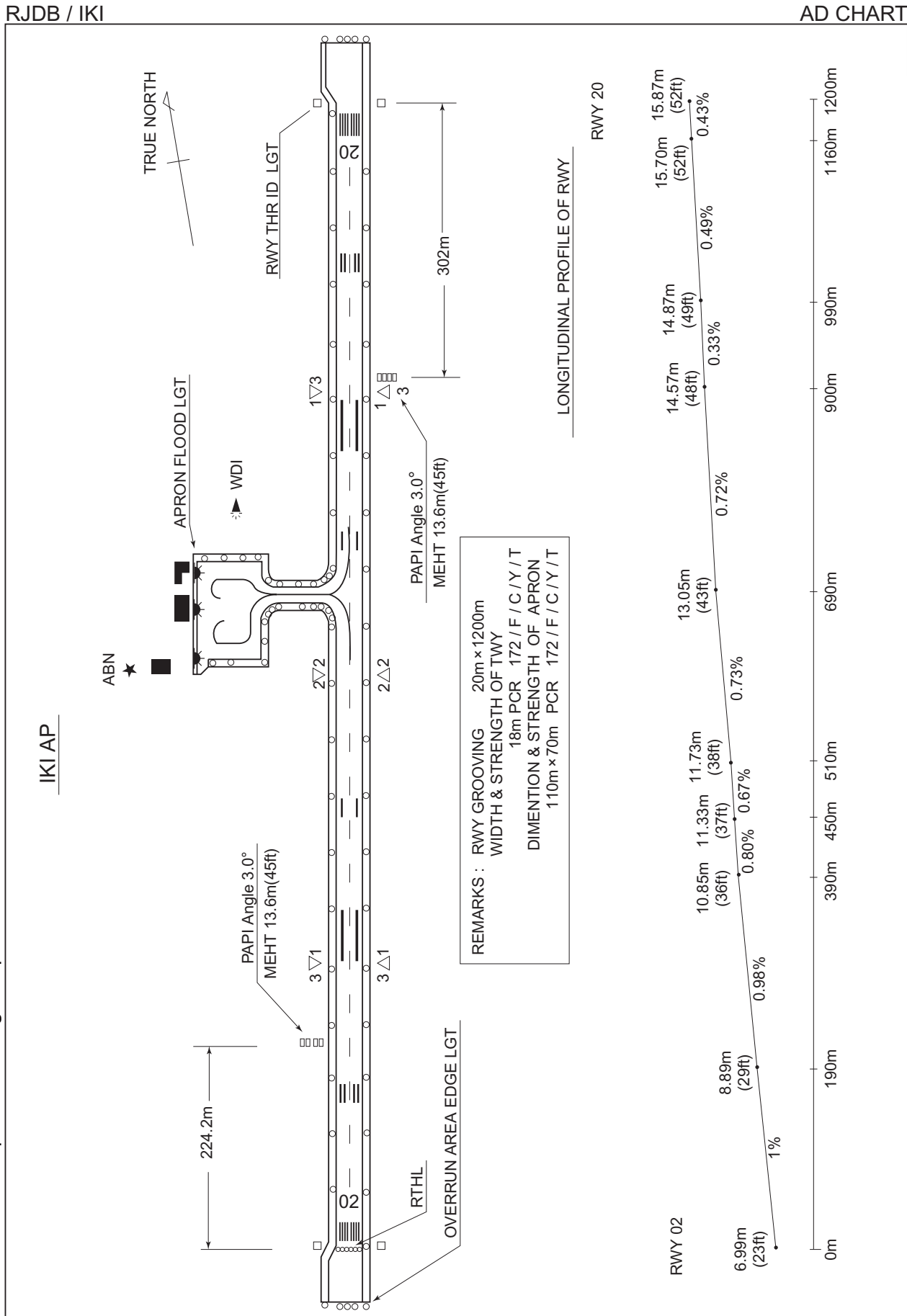
Nil

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

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument(FUKUOKA, IKI REVERSAL)  
Standard Departure Chart - Instrument(AKNAG-RNAV)  
Standard Arrival Chart - Instrument(AKNAG-RNAV)  
Instrument Approach Chart(VOR RWY02)  
Instrument Approach Chart(VOR RWY20)  
Instrument Approach Chart(RNP RWY02)  
Instrument Approach Chart(RNP RWY20)  
Other Chart (Visual REP)  
Other Chart (LDG CHART)  
Other Chart (MVA CHART)

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CHANGE : Description of strength of pavement.



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STANDARD DEPARTURE CHART - INSTRUMENT

RJDB / IKI

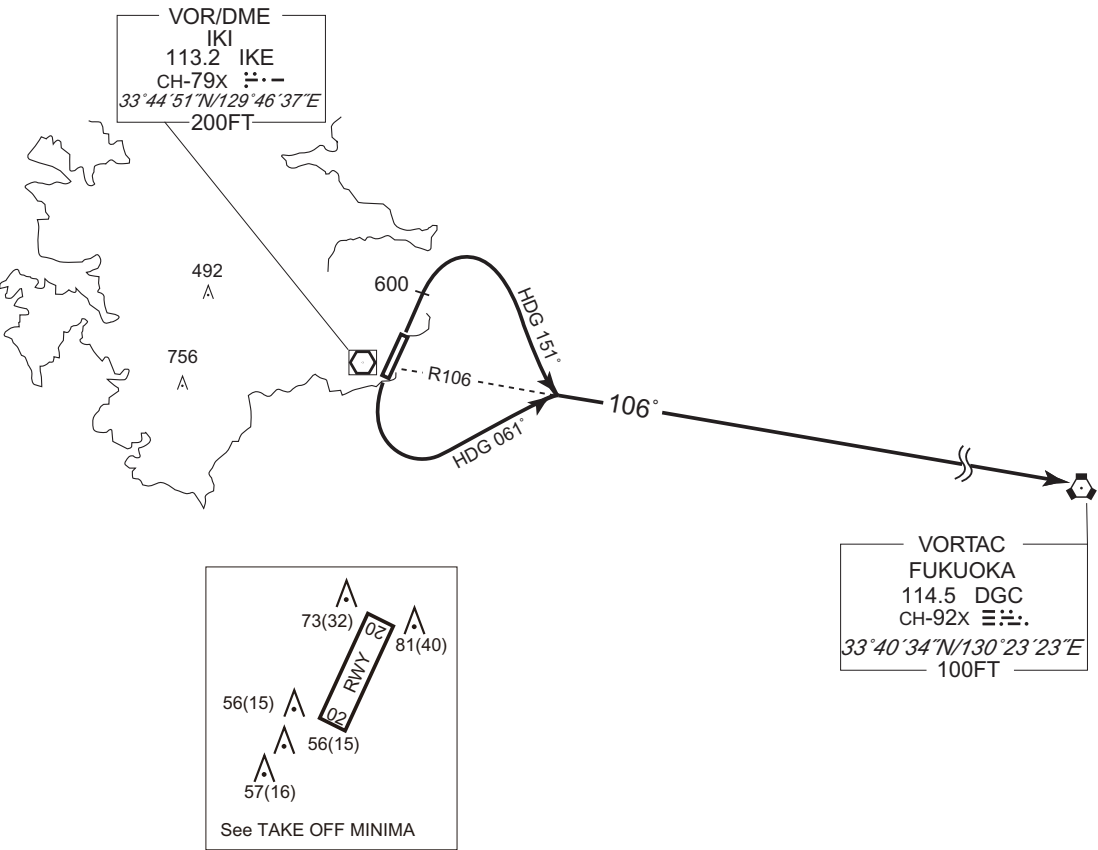
SID

FUKUOKA FIVE DEPARTURE

RWY 02 : Climb RWY HDG to 600FT, turn right HDG 151°...  
RWY 20 : Turn left HDG 061°...  
...to intercept and proceed via IKE R106 to DGC VORTAC.

Note RWY02 : 6.7% climb gradient required up to 600FT.  
OBST ALT 299FT located at 0.7NM 360° FM end of RWY02.

CHANGE : PROC renamed. PROC course. OBST.



## STANDARD DEPARTURE CHART - INSTRUMENT

RJDB / IKI

SID

IKI REVERSAL THREE DEPARTURE

RWY 02 : Climb RWY HDG to 1600FT, turn right,...

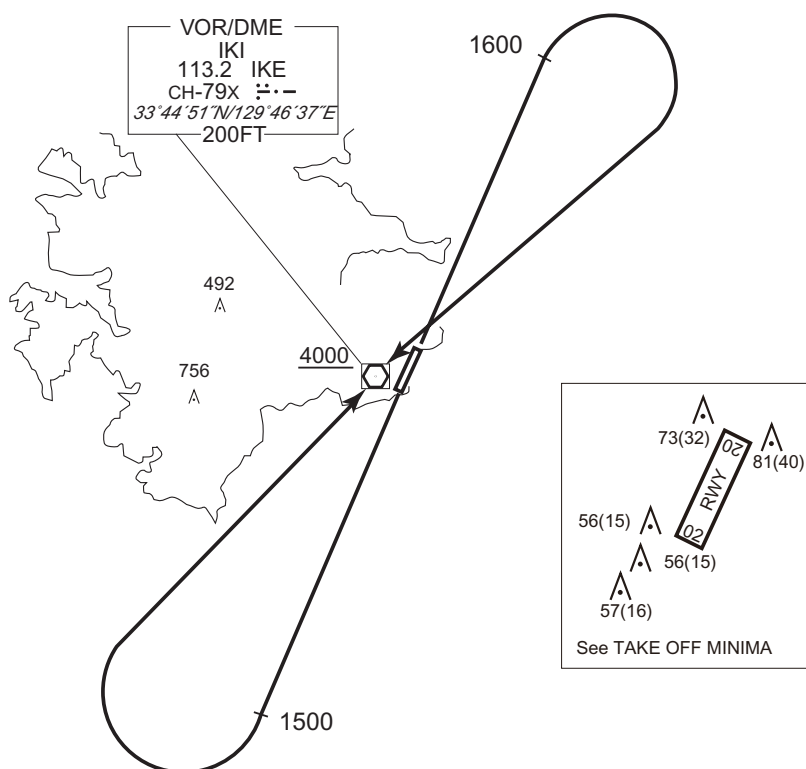
RWY 20 : Climb RWY HDG to 1500FT, turn right,...

...proceed to IKE VOR/DME.

Cross IKE VOR/DME at or above 4000FT.

Note RWY02 : 6.7% climb gradient required up to 600FT.

OBST ALT 299FT located at 0.7NM 360° FM end of RWY02.



CHANGE : OBST.

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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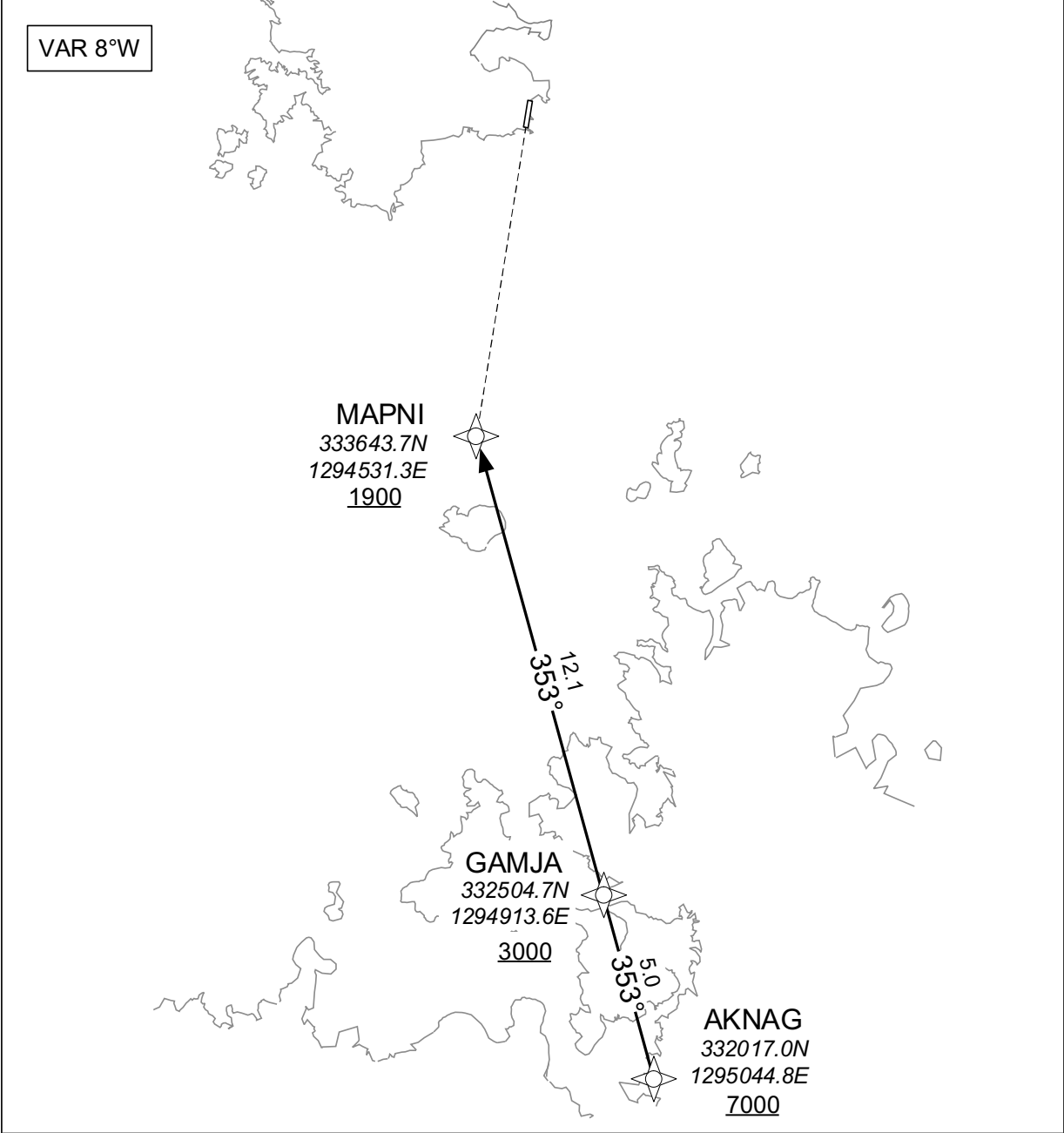
STANDARD ARRIVAL CHART - INSTRUMENT

RJDB / IKI

RNAV STAR RWY02

| AKNAG ARRIVAL | RNP1 |
|---------------|------|
|---------------|------|

Note GNSS required.



From AKNAG at or above 7000FT, to GAMJA at or above 3000FT, to MAPNI at or above 1900FT.

| 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              | AKNAG               | —        | —              | -7.9               | —             | —              | +7000         | —            | —              | RNP1                     |
| 002           | TF              | GAMJA               | —        | 353 (345.2)    | -7.9               | 5.0           | —              | +3000         | —            | —              | RNP1                     |
| 003           | TF              | MAPNI               | —        | 353 (345.2)    | -7.9               | 12.1          | —              | +1900         | —            | —              | RNP1                     |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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## RJDB / IKI

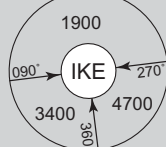
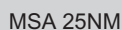
VOR RWY02

FUKUOKA RADAR  
119.7 - 279.2

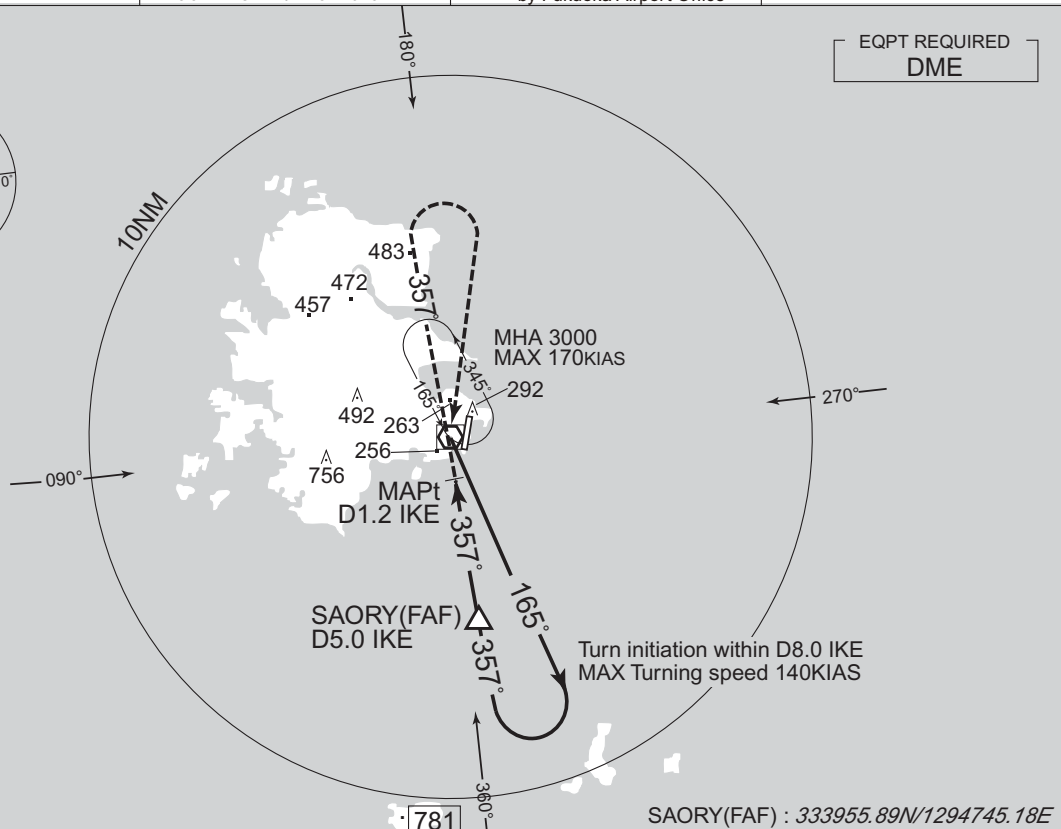
IKI VOR/DME  
113.2 IKE  
CH-79X ::-  
33°44'51"N/129°46'37"E

IKI RADIO  
118.2  
AFIS provided  
by Fukuoka Airport Office

NO RADAR



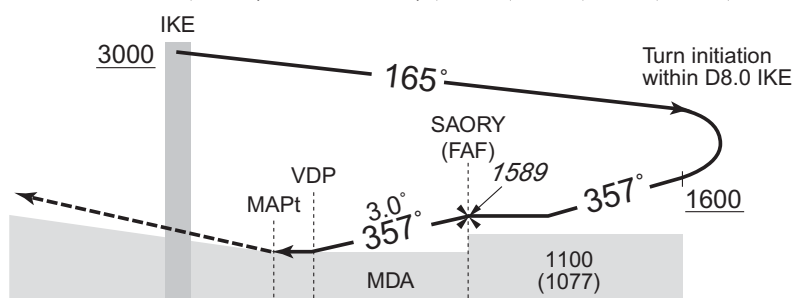
- EQPT REQUIRED  
DME



SAORY(FAF) : 333955.89N/1294745.18E

| NM to IKE            | MAPt | 2   | 3   | 4    | FAF  |
|----------------------|------|-----|-----|------|------|
| ALT (3.0° APCH Path) | —    | 633 | 952 | 1270 | 1589 |

Climb to 1500FT via IKE R357,  
turn right, direct to IKE VOR/DME  
and hold at 3000FT.  
Contact FUKUOKA RADAR.



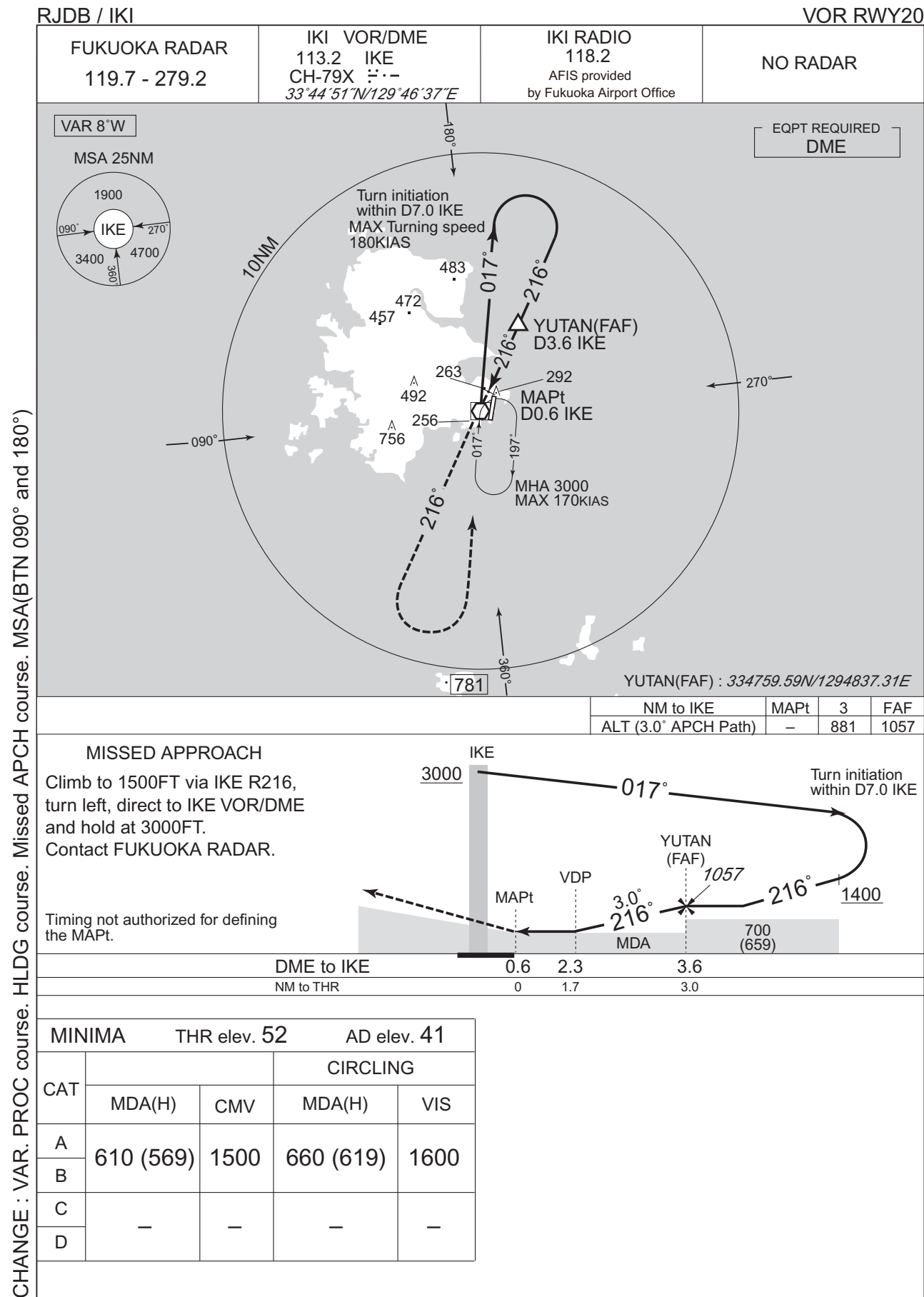
Timing not authorized for defining the MAPt.

|            |     |     |     |     |
|------------|-----|-----|-----|-----|
| DME to IKE | 0.2 | 1.2 | 1.5 | 5.0 |
| NM to THR  | 0   | 1.0 | 1.2 | 4.8 |

| MINIMA |           | THR elev. 23 | AD elev. 41 |      |
|--------|-----------|--------------|-------------|------|
| CAT    |           |              | CIRCLING    |      |
|        | MDA(H)    | CMV          | MDA(H)      | VIS  |
| A      | 440 (417) | 1500         | 660 (619)   | 1600 |
| B      |           |              |             |      |
| C      | —         | —            | —           | —    |
| D      |           |              |             |      |

CHANGE : VAR. PROC course. HLDG course. Missed APCH course. MSA(BTN 090° and 180°)

INSTRUMENT APPROACH CHART



## RJDB / IKI

RNP RWY02



## INSTRUMENT APPROACH CHART

RJDB / IKI

RNP RWY02

**FAS DATA BLOCK**

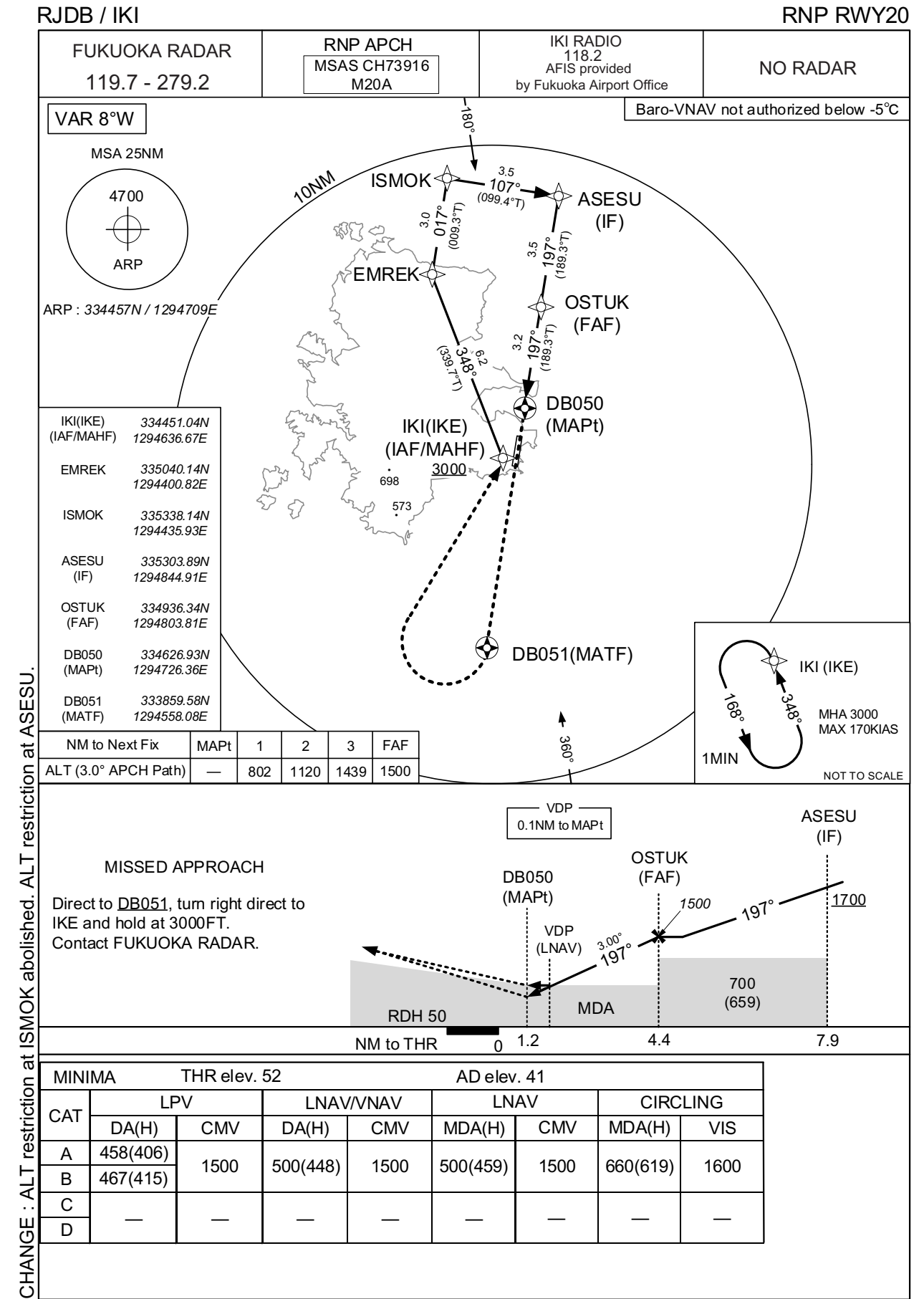
|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00382        |
| SBAS service provider identifier | 2             | FPAP latitude              | 334531.5680N  |
| Airport identifier               | RJDB          | FPAP longitude             | 1294715.4170E |
| Runway                           | 02            | 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                | M02A          | ∠ length offset            | 0496          |
| LTP/FTP latitude                 | 334437.2865N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1294704.7065E | VAL                        | 50.0          |
| CRC remainder                    | 5C72DF61      |                            |               |

**Required additional data**

|                            |     |
|----------------------------|-----|
| LTP/FTP orthometric height | 6.7 |
|----------------------------|-----|

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

INSTRUMENT APPROACH CHART



CHANGE : ALT restriction at ISMOK abolished. ALT restriction at ASESU.

## INSTRUMENT APPROACH CHART

RJDB / IKI

RNP RWY20

**FAS DATA BLOCK**

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00471        |
| SBAS service provider identifier | 2             | FPAP latitude              | 334421.4340N  |
| Airport identifier               | RJDB          | FPAP longitude             | 1294701.5790E |
| Runway                           | 20            | 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                | M20A          | ∠ length offset            | 0496          |
| LTP/FTP latitude                 | 334515.7155N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1294712.2885E | VAL                        | 50.0          |
| CRC remainder                    | 660F91B2      |                            |               |

**Required additional data**

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 15.6 |
|----------------------------|------|

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





※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 : Call sign(REMOTE→RADIO):

| Call sign            | BRG / DIST from ARP | Remarks          |
|----------------------|---------------------|------------------|
| 勝本<br>Katsumoto      | 324°T / 7.9NM       | 漁港<br>Harbor     |
| 郷ノ浦<br>Gonoura       | 265°T / 5.2NM       | 漁港<br>Harbor     |
| 名島<br>Najima         | 103°T / 3.7NM       | 灯台<br>Lighthouse |
| 烏帽子島<br>Eboshijima   | 110°T / 10.5NM      | 灯台<br>Lighthouse |
| 加唐島<br>Kakarajima    | 154°T / 8.8NM       | 灯台<br>Lighthouse |
| 二神島<br>Futagamishima | 233°T / 14.5NM      | 灯台<br>Lighthouse |



RJDB / IKI

Minimum Vectoring Altitude CHART

