

AD 2 AERODROMES

RJDC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJDC - YAMAGUCHI-UBE

RJDC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 335548N/1311643E 062 Degrees / 1.25km from RWY 07 THR |
| 2 | Direction and distance from (city) | 4.6km (2.5NM) SE of Ube-Shinkawa station(JR) |
| 3 | Elevation/ Reference temperature | 15ft / 30°C(2000-2004) |
| 4 | Geoid undulation at AD ELEV PSN | 107ft |
| 5 | MAG VAR/ Annual change | 7°W(2008) / 2.0°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Yamaguchi Pref. Public AP. 625 Oki-Ube Ube-shi, Yamaguchi Pref. TEL: 0836-21-5841 FAX: 0836-22-1034 e-mail: a18701@pref.yamaguchi.lg.jp |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | Yamaguchi-Ube Airport Branch, Civil Aviation Bureau, MLIT 625-17 Aza-Hachioji Oki-Ube Ube-shi, Yamaguchi Pref. TEL: 0836-21-9860 FAX: 0836-22-8534 |

RJDC AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2230 - 1230 |
| 2 | Customs and immigration | On request Customs: 0836-21-7391 Immigration: 083-261-1211 |
| 3 | Health and sanitation | On request Quarantine(human): 0834-21-1091 Quarantine(animal): 093-321-1116 Quarantine(plant): 083-266-4442 |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (FUKUOKA) |
| 7 | ATS | 2230 - 1230 |
| 8 | Fuelling | 2230 - 1230 |
| 9 | Handling | Ask AD Administration |
| 10 | Security | 2230 - 1130 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJDC AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--|
| 1 | Cargo-handling facilities | Nil (Only Baggages) |
| 2 | Fuel/ oil types | Fuel grade: Jet A1 Oil grade: Nil |
| 3 | Fuelling facilities/ capacity | Fuel truck refueling |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RJDC AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-------------------------------|
| 1 | Hotels | Nil |
| 2 | Restaurants | At Airport |
| 3 | Transportation | Buses, Taxis |
| 4 | Medical facilities | Nil: Hospital in Ube city 2km |
| 5 | Bank and Post Office | At Airport(ATM) |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJDC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CAT 9 |
| 2 | Rescue equipment | Chemical Fire Fighting Truck x 3 Water-Supply Truck Emergency Medical Equipments Conveyance Truck |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJDC AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | Snow removal equipment: grader |
| 2 | Clearance priorities | (1) RWY07/25, TWY A1, A2, T1, T6, P1 - P6, A APRON (2) TWY T2 - T5, B APRON |
| 3 | Remarks | Snow removal will be commenced, if the RWY and TWY are covered with a depth of 3cm snow or more. |

RJDC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | A APRON Surface: Cement-concrete Strength: PCN 69/R/C/X/T B APRON(spot A-C) Surface: Cement-concrete Strength: 5700kg/0.28Mpa (spot D-H) Surface: Asphalt-concrete Strength: 5700kg/0.28Mpa |
| 2 | Taxiway width, surface and strength | Surface: Asphalt-concrete Width and Strength: A1, A2: Width: 30m Strength: PCN 58/F/A/X/T AT: Width: 30m Strength: PCN 69/R/C/X/T B1: Width: 9m Strength: 5700kg/0.28Mpa T1, T2, T3, T4, T5, T6: Width: 30m Strength: PCN 58/F/A/X/T P1, P2, P3, P4, P5, P6: Width: 30m Strength: PCN 58/F/A/X/T |
| 3 | ACL and elevation | Not Available |
| 4 | VOR checkpoints | Not Available |
| 5 | INS checkpoints | (Spot NR) 1: 335559.36N/1311635.56E 2: 335558.51N/1311633.57E 3: 335557.45N/1311631.16E 5: 335556.29N/1311628.99E 6: 335555.24N/1311626.79E |
| 6 | Remarks | Nil |

RJDC 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 | Aircraft stand taxi lane : See AD2.24 A Apron : Spot 1-3, 5, 6 B Apron : Spot A,B,C,D,E,F,G,H |
| 2 | RWY and TWY markings and LGT | RWY: RWY07/25 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RTZL, WBAR TWY: ALL TWY (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign TWY: T1 - T6 (LGT) RWY guard LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area, Apron TWY CL (LGT) Apron flood LGT |

RJDC AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

Other obstacles

| OBST ID/ designation | Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|-------------------------|---------------|----------------------|-----------|--------------|------------------------|
| RJDC1 | Pole | 335530.8N/1311551.1E | 26ft | | Under APCH SFC |
| RJDC2 | Pole | 335530.1N/1311550.6E | 27ft | | Under APCH SFC |
| RJDC3 | Pole | 335529.8N/1311548.0E | 31ft | | Under APCH SFC |
| RJDC4 | Pole | 335529.8N/1311548.6E | 31ft | | Under APCH SFC |
| RJDC5 | Pole | 335530.8N/1311551.4E | 31ft | - / LIL | Under APCH SFC |
| RJDC6 | Pole | 335529.9N/1311549.3E | 31ft | | Under APCH SFC |
| RJDC7 | Pole | 335530.4N/1311551.1E | 31ft | | Under APCH SFC |
| RJDC8 | Pole | 335529.9N/1311550.0E | 30ft | | Under APCH SFC |
| RJDC9 | Pole | 335529.9N/1311550.6E | 31ft | | Under APCH SFC |
| RJDC10 | Tree | 335614.6N/1311722.4E | 76ft | - / LIM | Under transitional SFC |
| RJDC11 | Pole | 335532.2N/1311552.2E | 26ft | | Under transitional SFC |
| RJDC12 | Pole | 335531.5N/1311551.6E | 26ft | | Under transitional SFC |
| RJDC13 | Pole | 335534.0N/1311554.2E | 51ft | | Under transitional SFC |
| RJDC14 | Pole | 335533.1N/1311553.1E | 47ft | | Under transitional SFC |
| RJDC15 | Pole | 335532.4N/1311552.6E | 35ft | | Under transitional SFC |
| RJDC16 | Pole | 335531.7N/1311552.0E | 31ft | - / LIL | Under transitional SFC |
| RJDC17 | Pole | 335531.2N/1311551.7E | 32ft | | Under transitional SFC |
| RJDC18 | Pole | 335532.0N/1311552.3E | 31ft | | Under transitional SFC |
| RJDC19 | Tree | 335539.4N/1311603.0E | 66ft | | Under transitional SFC |
| RJDC20 | Tree | 335532.3N/1311554.1E | 33ft | | Under transitional SFC |

In Area3 To be developed

RJDC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | FUKUOKA |
| 2 | Hours of service MET Office outside hours | H24 (FUKUOKA) |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at FUKUOKA |
| 6 | Flight documentation Language(s) used | C En |
| 7 | Charts and other information available for briefing or consultation | S ₆ , U ₈₅ , U ₇ , U ₅ , U ₃ , U ₂₅ , U ₂ /T _r , P _S , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), E, C, W _E , W _F , W _G , W _I , W, N |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | RADIO |
| 10 | Additional information(limitation of service, etc.) | Nil |

RJDC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength(PCN) and surface of RWY | THR coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|--|----------|-------------------------|-------------------------------------|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 062.27° | 2500×45 | PCN 58/F/A/X/T Asphalt-Concrete | 335528.81N/1311600.47E 107ft | THR ELEV:23.3FT TDZ ELEV:22.0FT |
| 25 | 242.27° | 2500×45 | | 335606.56N/1311726.64E 107ft | THR ELEV:21.7FT |
| | | | | | |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | | Remarks |
| 7 | | 10 | 11 | | 14 |
| See AD 2.24 AD Chart | | 2620x300 | 194x(MNM:155 MAX:300)* | | |
| | | 2620x300 | 46x(MNM:283 MAX:300)* | | |
| RWY Grooving:2500x30m | | | | | |
| *For detail, ask airport administrator | | | | | |

RJDC AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 2500 | 2500 | 2500 | 2500 | Nil |
| 25 | 2500 | 2500 | 2500 | 2500 | Nil |

RJDC AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | RTHL Color WBAR | PAPI (VASIS) Angle DIST FM THR MEHT | RTZL LEN | RCLL LEN Spacing Color INTST | REDL LEN Spacing Color INTST | RENL Color WBAR | STWL LEN Color |
|---|--------------------------------|--------------------|--|-------------|---|--|-----------------------|----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 07 | PALS (CAT I) 900M LIH | Green Green | PAPI 3.0°/LEFT 445.1M 66FT | 900M | 2500M 30M Coded color (White/Red) LIH | 2500M 60M Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 25 | SALS (*1) 420M LIH | Green Nil | PAPI 3.0°/LEFT 479.8M 74FT | Nil | 2500M 30M Coded color (White/Red) LIH | 2500M 60M Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with APCH LGT beacon(600m and 900m FM RWY THR)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2) CGL for RWY 25 | | | | | | | | |

RJDC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|---|--|
| 1 | ABN/ IBN location, characteristics and hours of operation | ABN: 335608N/1311630E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: Nil Anemometer: RWY07: 310m from RWY 07 THR, LGTD RWY25: 260m from RWY 25 THR, LGTD |
| 3 | TWY edge and centerline lighting | TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yellow FM RWY leaving point, other Green |
| 4 | Secondary power supply/ switch-over time | Within 1 sec: REDL, RENL, RTHL, WBAR, RCLL, Overrun area edge LGT Within 15 sec: Other LGT |
| 5 | Remarks | WDI LGT |

RJDC AD 2.16 HELICOPTER LANDING AREA

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

RJDC 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 |
| Yamaguchi-Ube Information Zone | Area within a radius of 5nm(9km) of Yamaguchi-Ube ARP | 3,000 or Below | E | Ube Radio En | |

RJDC AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|-----------|--------------------------|--------------------|------------|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Ube Radio | 118.05MHz(1) 126.2MHz | 2230 - 1230 | (1)Primary |

RJDC 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/2015) | UBE | 110.8MHz | H24 | 335608.26N/ 1311700.71E | | |
| DME | UBE | 1006MHz (CH-45X) | H24 | 335608.26N/ 1311700.71E | 64ft | |
| ILS-LOC 07 | IUB | 110.1MHz | 2230 - 1230 | 335610.19N/ 1311734.91E | | LOC: 240m(787ft) away FM RWY25 THR, BRG(MAG)069° |
| ILS-GP 07 | - | 334.4MHz | 2230 - 1230 | 335530.31N/ 1311613.93E | | GP : 327m(1073ft) inside FM RWY07 THR,120m(394ft) S of RCL. Angle : 3.0° HGT of ILS Ref datum 16.5m(54ft). |
| ILS-DME 07 | IUB | 999MHz (CH-38X) | 2230 - 1230 | 335530.50N/ 1311614.27E | 35ft | DME: 337m(1106ft) inside FM RWY07 THR, 118m(387ft) S of RCL |

ILS



RJDC AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

On use of this airport, Aircraft operator is required to obtain the prior permission of the Airport Administrator.
B773 cannot use this airport due to unsuitable TWY structure, except in an emergency.

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Spot D, E, F, G, H in B Apron as general.

4. Parking area for helicopters

Spot A, B, C in B Apron as general.

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

PPR on TGL, Low APCH and Simulated APCH.

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Ask AD administration.

RJDC AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJDC AD 2.22 FLIGHT PROCEDURES

| 1. TAKE OFF MINIMA | | | | | | | | |
|---|-----|----------|-----------------|------|-----------------------------|------|--------------------|-----|
| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAYTIME ONLY) | |
| | | | RVR | VIS | RVR | VIS | RVR | VIS |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 07 | A,B,C,D | 400m | 400m | 400 | 400m | - | 500 |
| | 25 | A,B,C,D | - | 400m | - | 400m | - | 500 |
| OTHER | 07 | A,B,C,D | AVBL LDG MINIMA | | | | | |
| | 25 | A,B,C,D | | | | | | |

2. Automated Radar Terminal System (ARTS)

築城ターミナル管制所の指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対し、その旨を通報すること。

Aircraft flying under control of TSUIKI approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft with non-discrete code capability is instructed to reply with the discrete code, it shall report a controller accordingly.

3. Lost Communication Procedures for Arrival Aircraft under Radar Navigational Guidance.

If radio communications with TSUIKI Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and;

- I
 - 1) Contact UBE Radio.
 - 2) If unable, proceed in accordance with Visual Flight Rules.
 - 3) If unable, proceed to UBE VOR last assigned altitude or 6000 FT whichever is higher and execute ILS approach.
- II Procedures other than above will be issued when situation required.

RJDC AD 2.23 ADDITIONAL INFORMATION

Nil

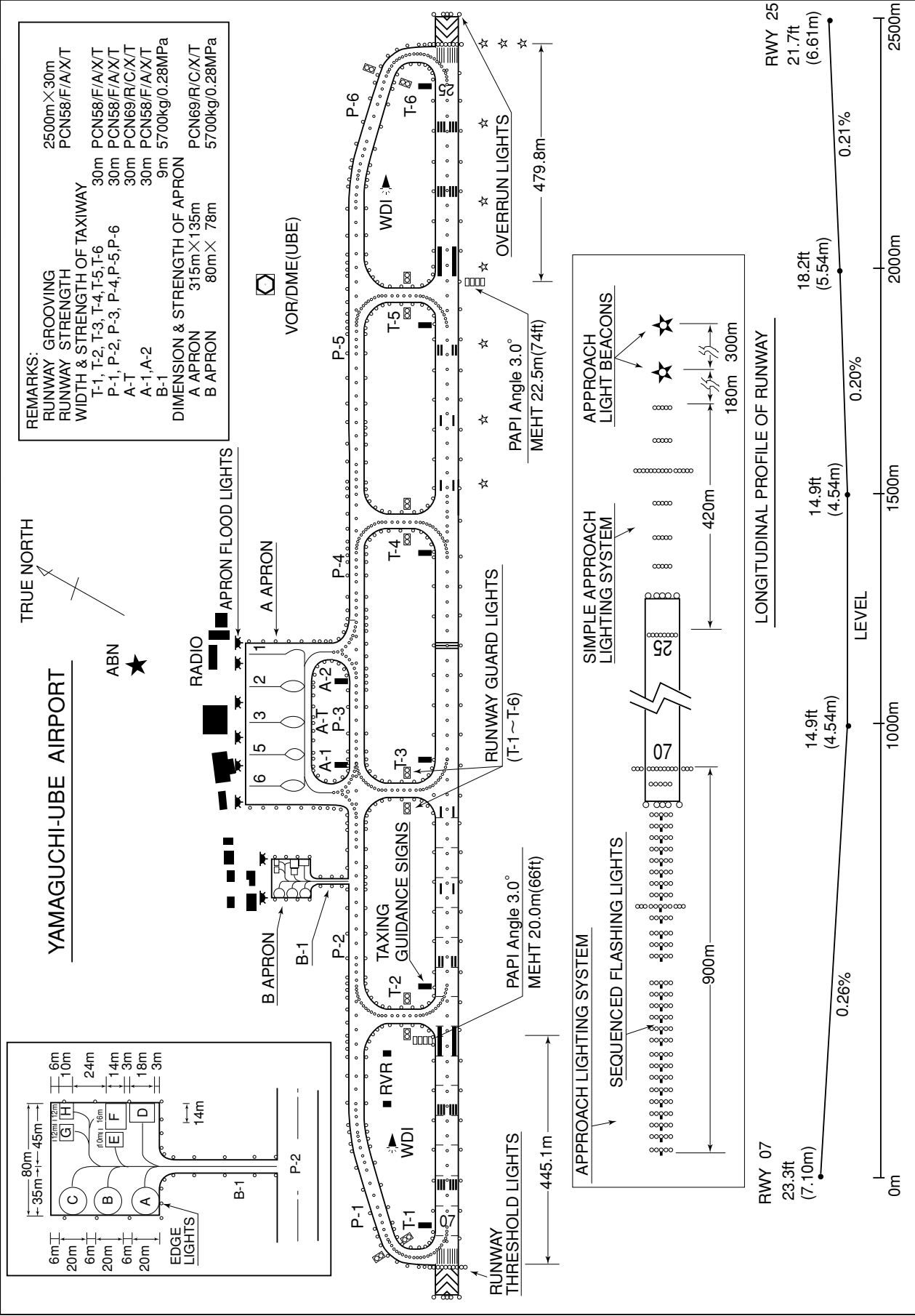
RJDC AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart (UBE REVERSAL, HIMEH)
 Standard Departure Chart (HIMESHIMA-RNAV)
 Instrument Approach Chart (ILS or LOC RWY07)
 Instrument Approach Chart (VOR RWY07)
 Instrument Approach Chart (RNP RWY07(AR))
 Instrument Approach Chart (RNP RWY25(AR))
 Other Chart (Visual REP)
 Other Chart (LDG CHART)
 Other Chart (MVA CHART)

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RJDC / YAMAGUCHI-UBE

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

SID

UBE REVERSAL TWO DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn right HDG178°...

RWY25 : Climb RWY HDG to 500FT, turn left HDG088°...

...to intercept and proceed via UBE R133 to 4000FT, turn right, direct to UBE VOR/DME.

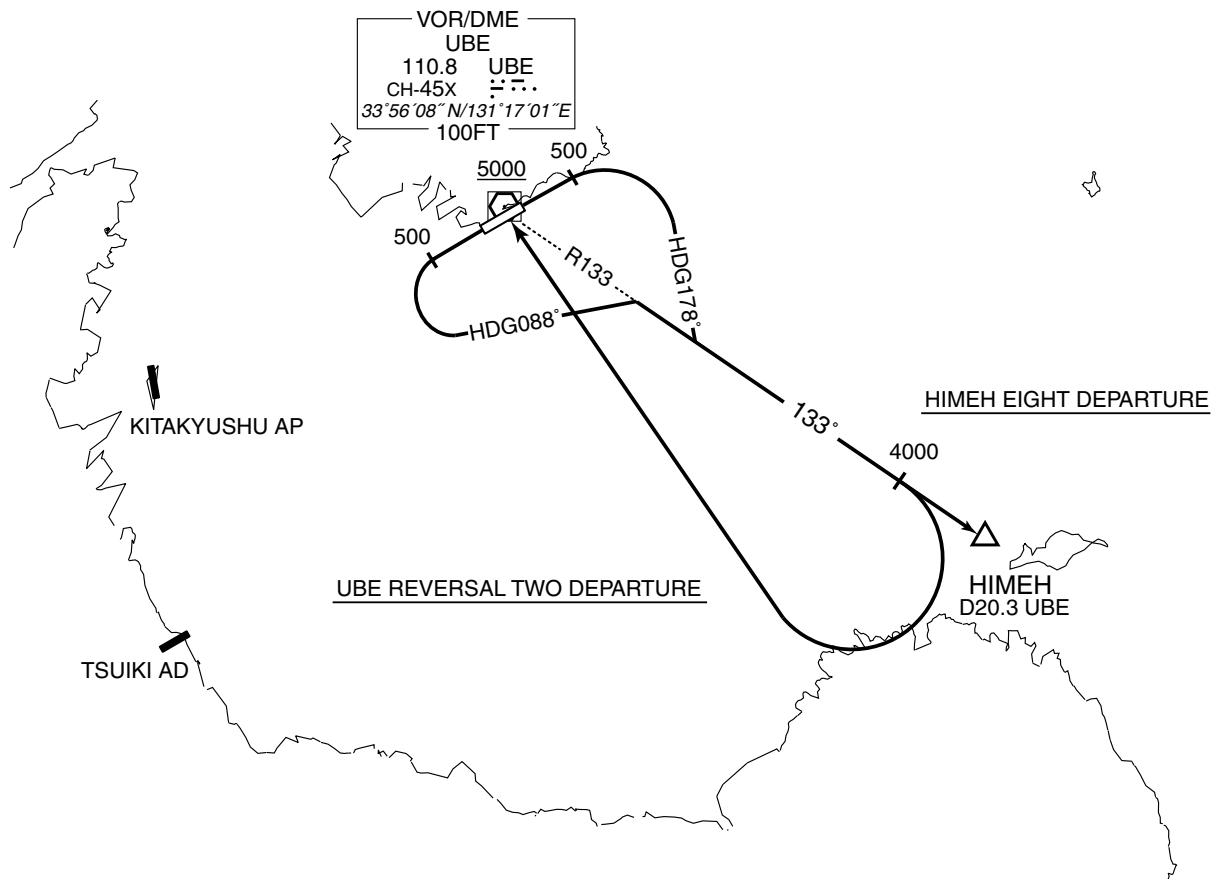
Cross UBE VOR/DME at or above 5000FT.

HIMEH EIGHT DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn right HDG178°...

RWY25 : Climb RWY HDG to 500FT, turn left HDG088°...

...to intercept and proceed via UBE R133 to HIMEH.



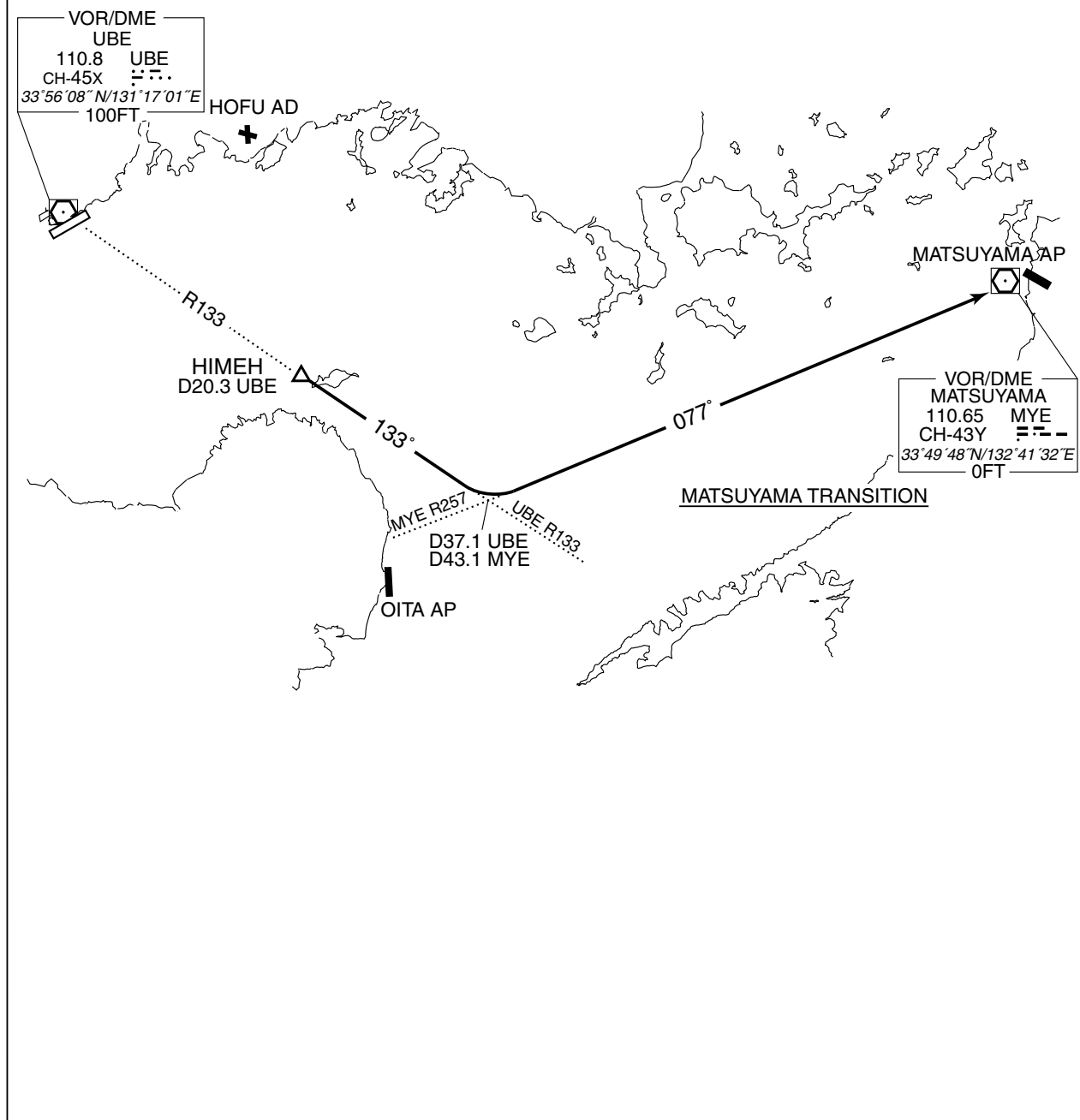
STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

TRANSITION

MATSUYAMA TRANSITION

From over HIMEH, via UBE R133 to intercept and proceed via MYE R257 to MYE VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

TRANSITION

MARCO TRANSITION

From over HIMEH, via UBE R133 to intercept and proceed via TFE R038 to MARCO.

MUSASHI TRANSITION

From over HIMEH, via TFE R346 to TFE VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

RNAV SID

HIMESHIMA ONE DEPARTURE

Basic RNP1

Note GNSS required.



HIMESHIMA ONE DEPARTURE

RWY07 : Climb on HDG 069° at or above 500FT, turn right direct to KOHEI, to HIMEH.

RWY25 : Climb on HDG 249° at or above 500FT, turn left direct to KOHEI, to HIMEH.

HIMESHIMA ONE DEPARTURE

RWY07

| 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 | — | — | 069 (062.2) | -7.1 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | KOHEI | — | — | -7.1 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | HIMEH | — | 133 (125.8) | -7.1 | 11.5 | — | — | — | — | Basic RNP1 |

RWY25

| 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 | — | — | 249 (242.2) | -7.1 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | KOHEI | — | — | -7.1 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | HIMEH | — | 133 (125.8) | -7.1 | 11.5 | — | — | — | — | Basic RNP1 |

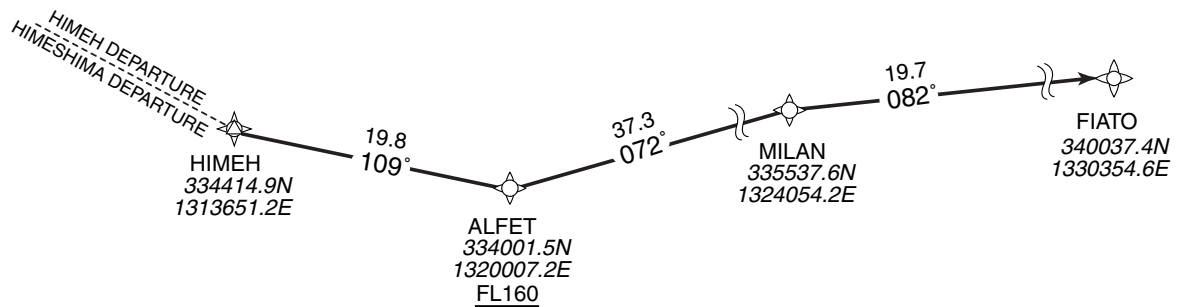
STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

RNAV TRANSITION

| ABARTO TRANSITION | | | RNAV 1 |
|---|-----------------------|---|--------|
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | Critical DME | — | |
| | DME GAP | — | |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

VAR 7°W (2012)

ABARTO TRANSITION

ABARTO TRANSITION

From HIMEH, to ALFET at or above FL160, to MILAN, to FIATO.

| 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 | HIMEH | — | — | -7.1 | — | — | — | — | — | RNAV1 |
| 002 | TF | ALFET | — | 109 (102.2) | -7.1 | 19.8 | — | +FL160 | — | — | RNAV1 |
| 003 | TF | MILAN | — | 072 (065.1) | -7.1 | 37.3 | — | — | — | — | RNAV1 |
| 004 | TF | FIATO | — | 082 (075.2) | -7.1 | 19.7 | — | — | — | — | RNAV1 |

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

ILS or LOC RWY07



| MINIMA | | | THR elev. 23 | | AD elev. 15 | |
|--------|-----------|---------|--------------|---------|-------------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 223 (200) | 550 | 370 (355) | 900 | 440 (425) | 1600 |
| B | | | | 1000 | 470 (455) | 2400 |
| C | | | | 1400 | 570 (555) | 3200 |
| D | | | | | | |

Circling to SOUTH side of RWY only.

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

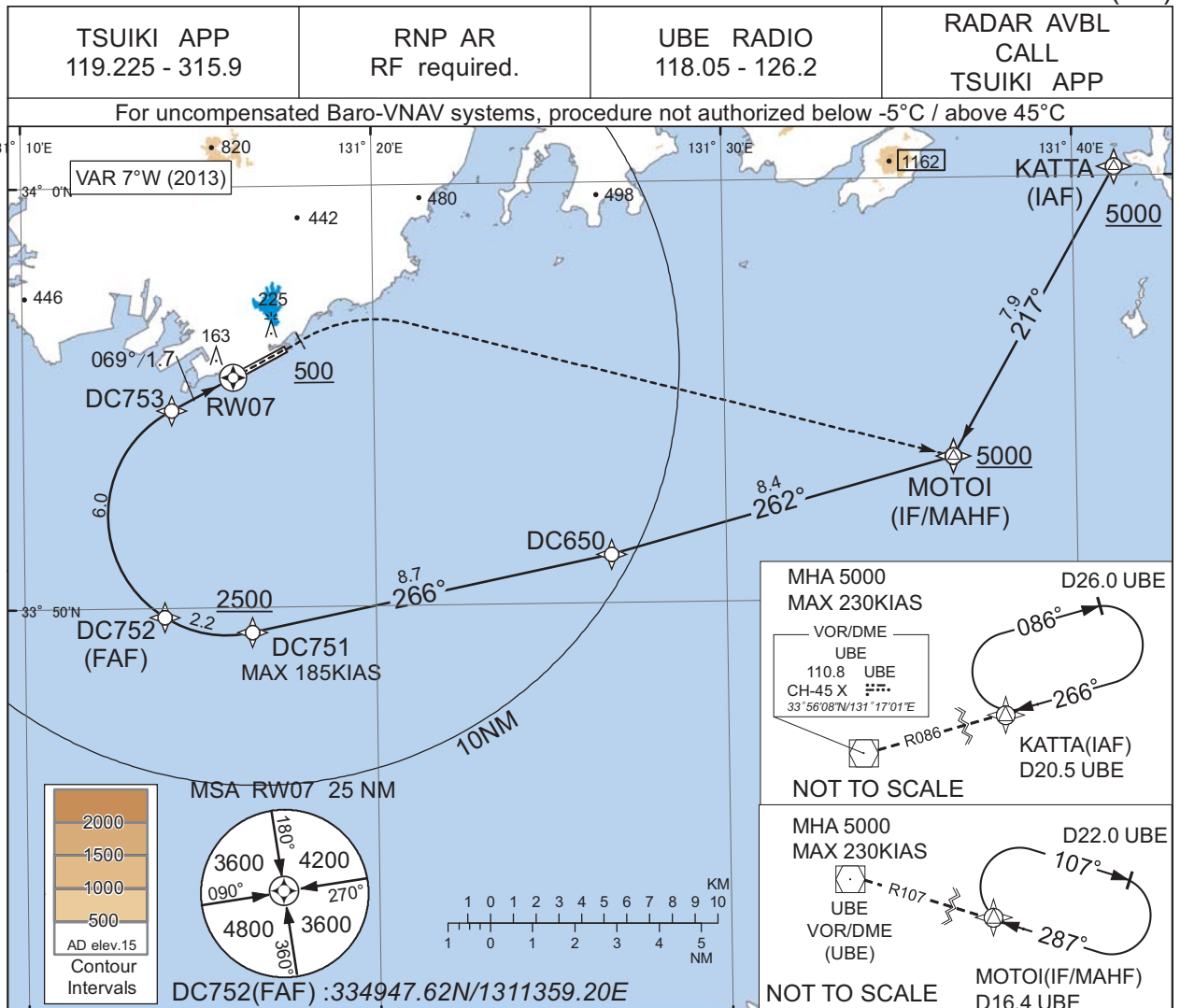
VOR RWY07



INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

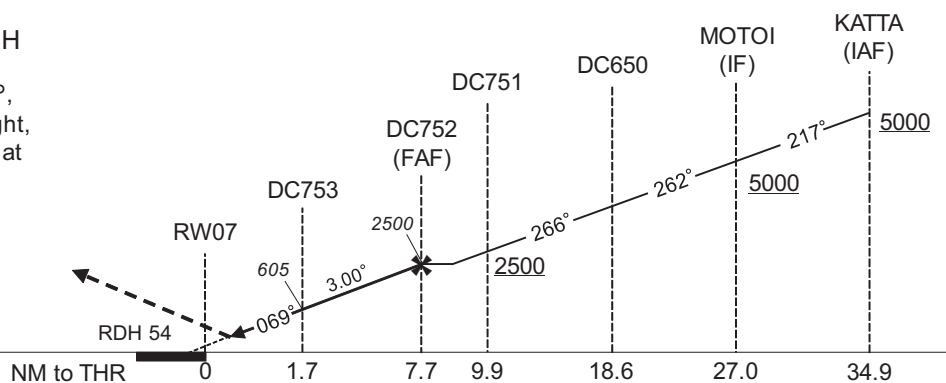
RNP RWY07(AR)



MISSED APPROACH

From RWY07 on track 069°, at or above 500FT turn right, direct to MOTOI and hold at 5000FT. Contact TSUIKI APP.

CHANGE : PROC renamed. Requirement for RNP.



| MINIMA | THR elev. 23 | AD elev. 15 |
|--------|--------------|-------------|
| CAT | RNP 0.30 | |
| | DA(H) | RVR/CMV |
| A | - | - |
| B | - | - |
| C | 324(301) | 1000 |
| D | | 1400 |

Authorization Required

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNP RWY07(AR)

Coding Table

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|-----------|
| 001 | IF | KATTA | - | - | -7.1 | - | - | +5000 | - | - | - |
| 002 | TF | MOTOI | - | 217 (209.7) | -7.1 | 7.9 | - | +5000 | - | - | 1.0 |
| 003 | TF | DC650 | - | 262 (254.7) | -7.1 | 8.4 | - | - | - | - | 1.0 |
| 004 | TF | DC751 | - | 266 (258.4) | -7.1 | 8.7 | - | +2500 | -185 | - | 1.0 |
| 005 | RF Center: DCRF1 r=2.83NM | DC752 | - | - | -7.1 | 2.2 | R | 2500 | - | - | 1.0 |
| 006 | RF Center: DCRF1 r=2.83NM | DC753 | - | - | -7.1 | 6.0 | R | 605 | - | -3.00 | 0.3 |
| 007 | TF | RW07 | Y | 069 (062.1) | -7.1 | 1.7 | - | 77 | - | -3.00/54 | 0.3 |
| 008 | FA | - | - | 069 (062.1) | -7.1 | - | - | +500 | - | - | 1.0 |
| 009 | DF | MOTOI | - | - | -7.1 | - | R | 5000 | - | - | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| KATTA | 340013.04N / 1314112.84E | DCRF1 | 335211.33N / 1311547.68E |
| MOTOI | 335323.26N / 1313630.85E | | |
| DC650 | 335109.96N / 1312644.12E | | |
| DC751 | 334924.96N / 1311628.63E | | |
| DC752 | 334947.62N / 1311359.20E | | |
| DC753 | 335442.44N / 1311414.70E | | |
| RW07 | 335528.81N / 1311600.47E | | |

CHANGE : PROC renamed.

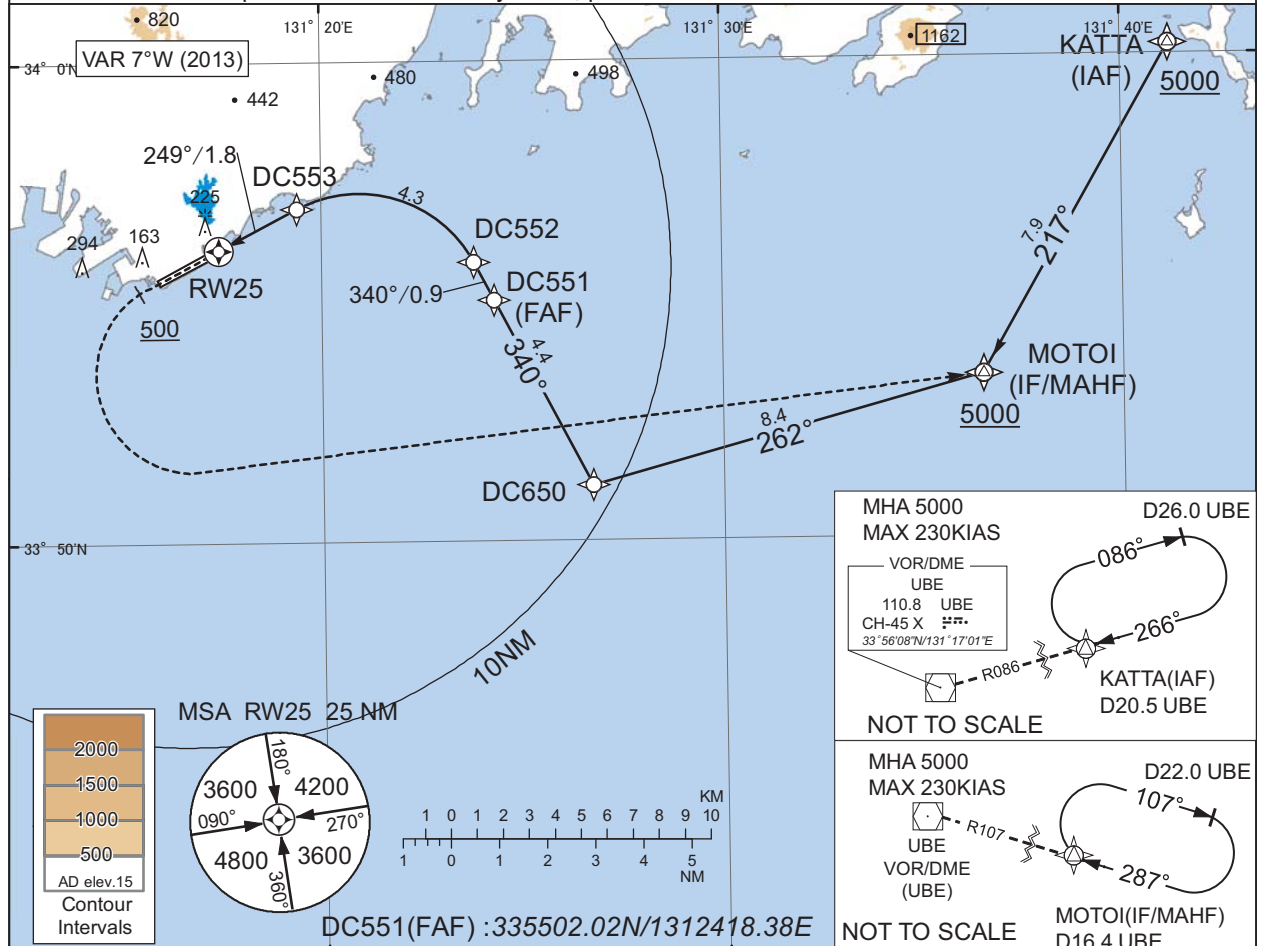
INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNP RWY25(AR)

| | | | |
|-------------------------------|------------------------|-----------------------------|----------------------------------|
| TSUIKI APP 119.225 - 315.9 | RNP AR RF required. | UBE RADIO 118.05 - 126.2 | RADAR AVBL CALL TSUIKI APP |
|-------------------------------|------------------------|-----------------------------|----------------------------------|

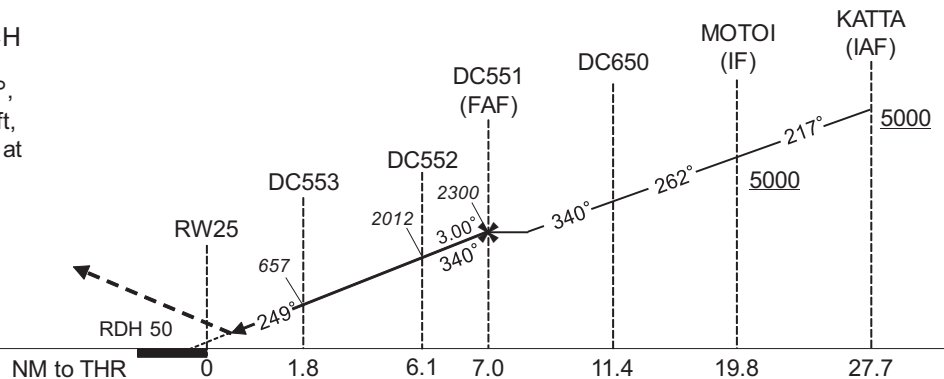
For uncompensated Baro-VNAV systems, procedure not authorized below -5°C / above 45°C



MISSED APPROACH

From RWY25 on track 249°, at or above 500FT turn left, direct to MOTOI and hold at 5000FT. Contact TSUIKI APP.

CHANGE : PROC renamed. Requirement for RNP.



| MINIMA | THR elev. 22 | AD elev. 15 |
|--------|--------------|-------------|
| CAT | RNP 0.30 | |
| | DA(H) | CMV |
| A | - | - |
| B | - | - |
| C | 386(364) | 1400 |
| D | | 1600 |

Authorization Required

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNP RWY25(AR)

Coding Table

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|-----------|
| 001 | IF | KATTA | - | - | -7.1 | - | - | +5000 | - | - | - |
| 002 | TF | MOTOI | - | 217 (209.7) | -7.1 | 7.9 | - | +5000 | - | - | 1.0 |
| 003 | TF | DC650 | - | 262 (254.7) | -7.1 | 8.4 | - | - | - | - | 1.0 |
| 004 | TF | DC551 | - | 340 (332.5) | -7.1 | 4.4 | - | 2300 | - | - | 1.0 |
| 005 | TF | DC552 | - | 340 (332.5) | -7.1 | 0.9 | - | 2012 | - | -3.00 | 0.3 |
| 006 | RF Center: DCRF2 r=2.71NM | DC553 | - | - | -7.1 | 4.3 | L | 657 | - | -3.00 | 0.3 |
| 007 | TF | RW25 | Y | 249 (242.2) | -7.1 | 1.8 | - | 72 | - | -3.00/50 | 0.3 |
| 008 | FA | - | - | 249 (242.2) | -7.1 | - | - | +500 | - | - | 1.0 |
| 009 | DF | MOTOI | - | - | -7.1 | - | L | 5000 | - | - | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| KATTA | 340013.04N / 1314112.84E | DCRF2 | 335434.00N / 1312055.44E |
| MOTOI | 335323.26N / 1313630.85E | | |
| DC650 | 335109.96N / 1312644.12E | | |
| DC551 | 335502.02N / 1312418.38E | | |
| DC552 | 335549.64N / 1312348.45E | | |
| DC553 | 335657.98N / 1311924.10E | | |
| RW25 | 335606.56N / 1311726.64E | | |

CHANGE : PROC renamed.

RJDC / YAMAGUCHI-UBE

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 : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|-----------------------|---------------------|-----------------------------|
| 小郡 Ogori | 031°T / 11.4NM | JR駅 Station |
| 丸山ダム Maruyama Dam | 001°T / 7.3NM | ダム Dam |
| 周防大橋 Suo-ohashi | 042°T / 8.3NM | 橋 Bridge |
| 小野田 Onoda | 320°T / 7.3NM | 高速道路インターチェンジ Interchange |
| 竹島 Takeshima | 072°T / 7.5NM | 島 Island |
| 本山岬 Motoyamamisaki | 271°T / 4.9NM | 岬 Cape |



Minimum Vectoring Altitude CHART

