

## 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.



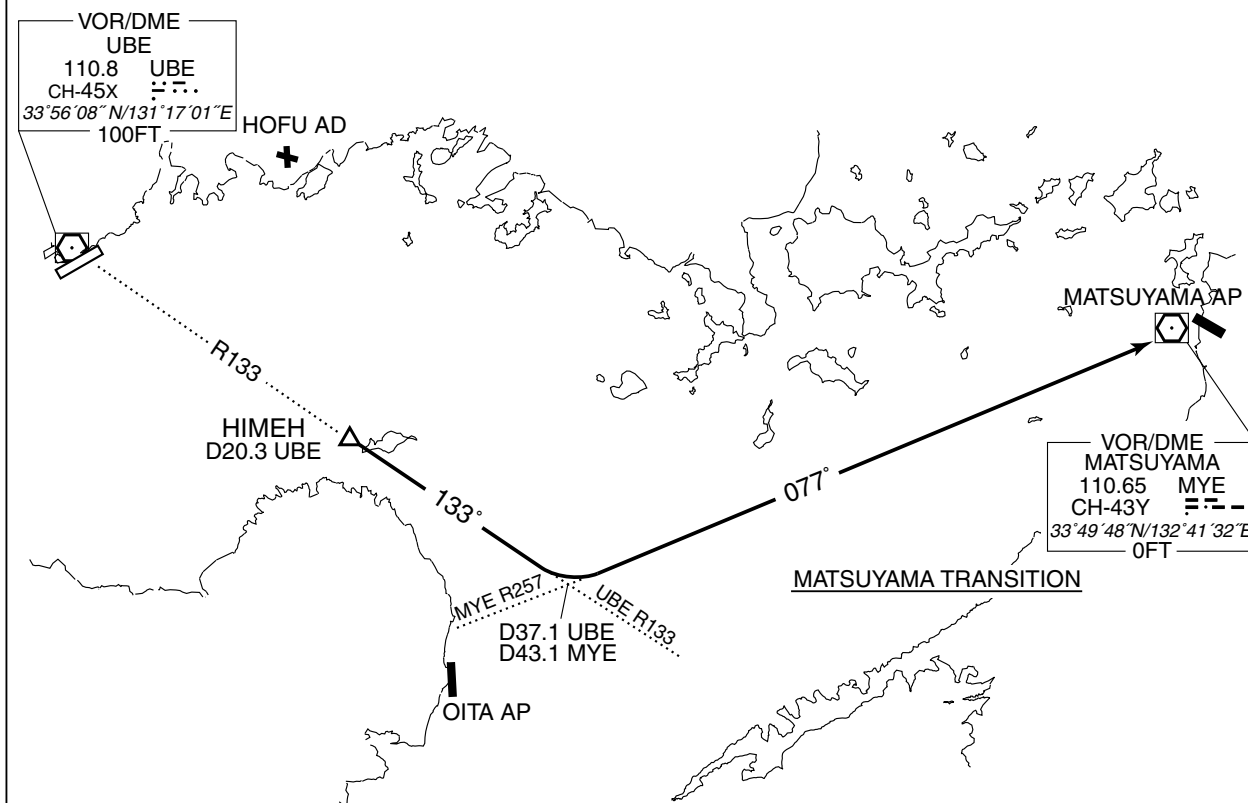
## STANDARD DEPARTURE CHART - INSTRUMENT

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

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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

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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<br>(062.2) | -7.1               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KOHEI               | —        | —              | -7.1               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | HIMEH               | —        | 133<br>(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<br>(242.2) | -7.1               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KOHEI               | —        | —              | -7.1               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | HIMEH               | —        | 133<br>(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.<br>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

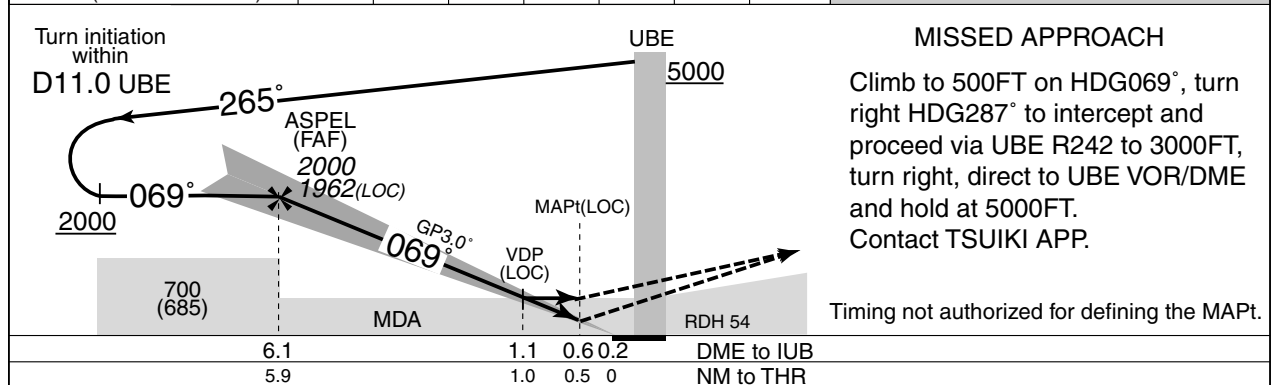
From HIMEH, to ALFET at or above FL160, to MILAN, to FIATO.

| 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<br>(102.2) | -7.1               | 19.8          | —              | +FL160        | —            | —              | RNAV1                    |
| 003           | TF              | MILAN               | —        | 072<br>(065.1) | -7.1               | 37.3          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | FIATO               | —        | 082<br>(075.2) | -7.1               | 19.7          | —              | —             | —            | —              | RNAV1                    |

INSTRUMENT APPROACH CHART

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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      |           |         |              |         |             |      |

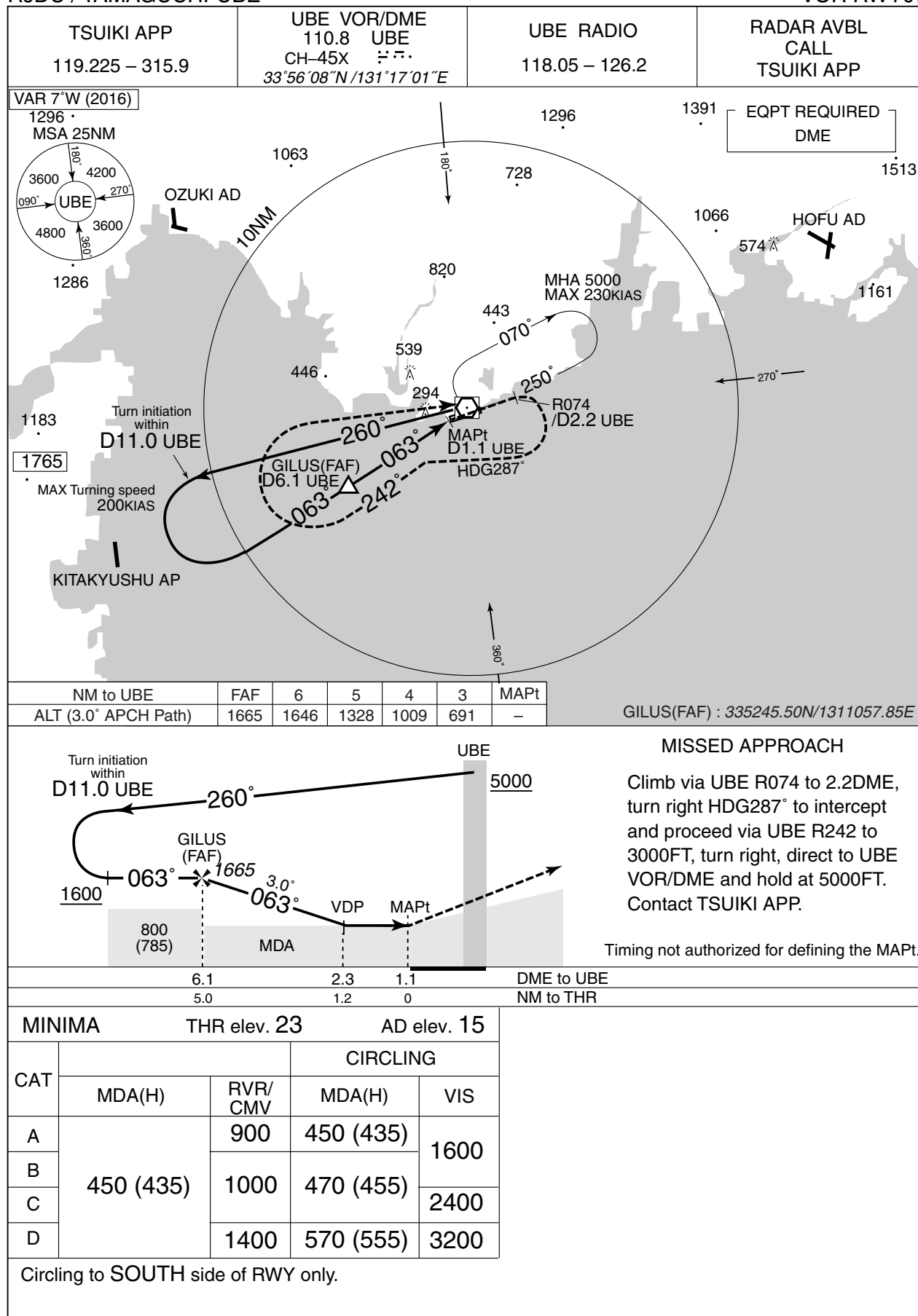
Circling to SOUTH side of RWY only.



## INSTRUMENT APPROACH CHART

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VOR RWY07



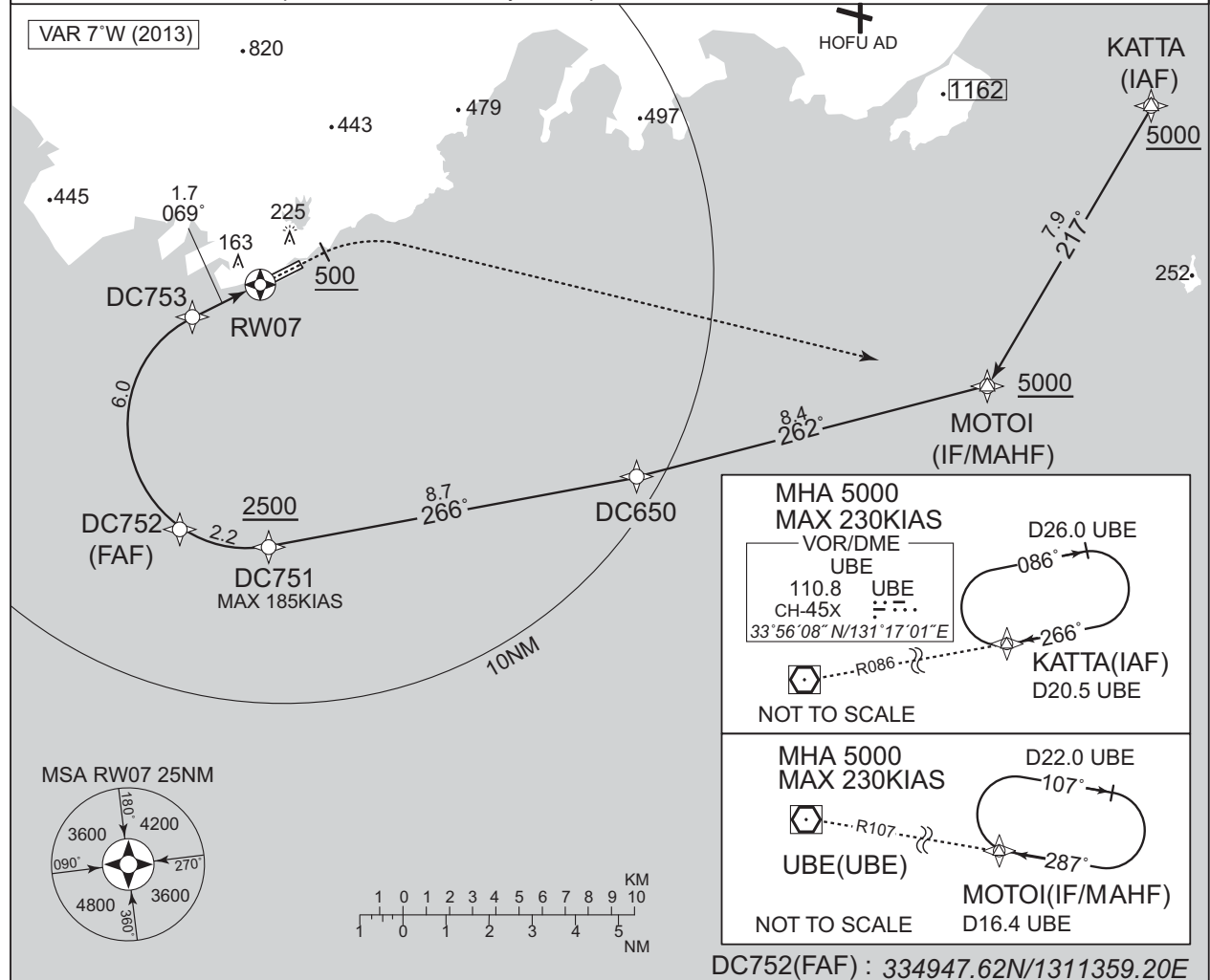
INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY07

|                               |                       |                             |                                  |
|-------------------------------|-----------------------|-----------------------------|----------------------------------|
| TSUIKI APP<br>119.225 – 315.9 | GNSS and RF required. | UBE RADIO<br>118.05 – 126.2 | RADAR AVBL<br>CALL<br>TSUIKI APP |
|-------------------------------|-----------------------|-----------------------------|----------------------------------|

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



MISSED APPROACH

From RW07 on track 069°, at or above 500FT turn right, direct to MOTOI and hold at 5000FT.

Contact TSUIKI APP.

|           |              |             |   |     |     |     |      |      |      |
|-----------|--------------|-------------|---|-----|-----|-----|------|------|------|
| NM to THR |              |             | 0 | 1.7 | 7.7 | 9.9 | 18.6 | 27.0 | 34.9 |
| MINIMA    | THR elev. 23 | AD elev. 15 |   |     |     |     |      |      |      |
| CAT       | RNP 0.30     |             |   |     |     |     |      |      |      |
|           | DA(H)        | RVR/CMV     |   |     |     |     |      |      |      |
| A         | -            | -           |   |     |     |     |      |      |      |
| B         | -            | -           |   |     |     |     |      |      |      |
| C         | 324(301)     | 1000        |   |     |     |     |      |      |      |
| D         |              | 1400        |   |     |     |     |      |      |      |

**RNP AR**  
Special Authorization Required

## INSTRUMENT APPROACH CHART

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RNAV(RNP) RWY07

RNAV (RNP) RWY07Coding 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<br>(209.7)  | -7.1               | 7.9           | —              | +5000         | —            | —              | 1.0       |
| 003           | TF                                 | DC650               | —        | 262<br>(254.7)  | -7.1               | 8.4           | —              | —             | —            | —              | 1.0       |
| 004           | TF                                 | DC751               | —        | 266<br>(258.4)  | -7.1               | 8.7           | —              | +2500         | -185         | —              | 1.0       |
| 005           | RF<br>Center:<br>DCRF1<br>r=2.83NM | DC752               | —        | —               | -7.1               | 2.2           | R              | 2500          | —            | —              | 1.0       |
| 006           | RF<br>Center:<br>DCRF1<br>r=2.83NM | DC753               | —        | —               | -7.1               | 6.0           | R              | 605           | —            | -3.00          | 0.3       |
| 007           | TF                                 | RW07                | Y        | 069<br>(062.1)  | -7.1               | 1.7           | —              | 77            | —            | -3.00/54       | 0.3       |
| 008           | FA                                 | —                   | —        | 069<br>(062.1)  | -7.1               | —             | —              | +500          | —            | —              | 1.0       |
| 009           | DF                                 | MOTOI               | —        | —               | -7.1               | —             | R              | 5000          | —            | —              | 1.0       |

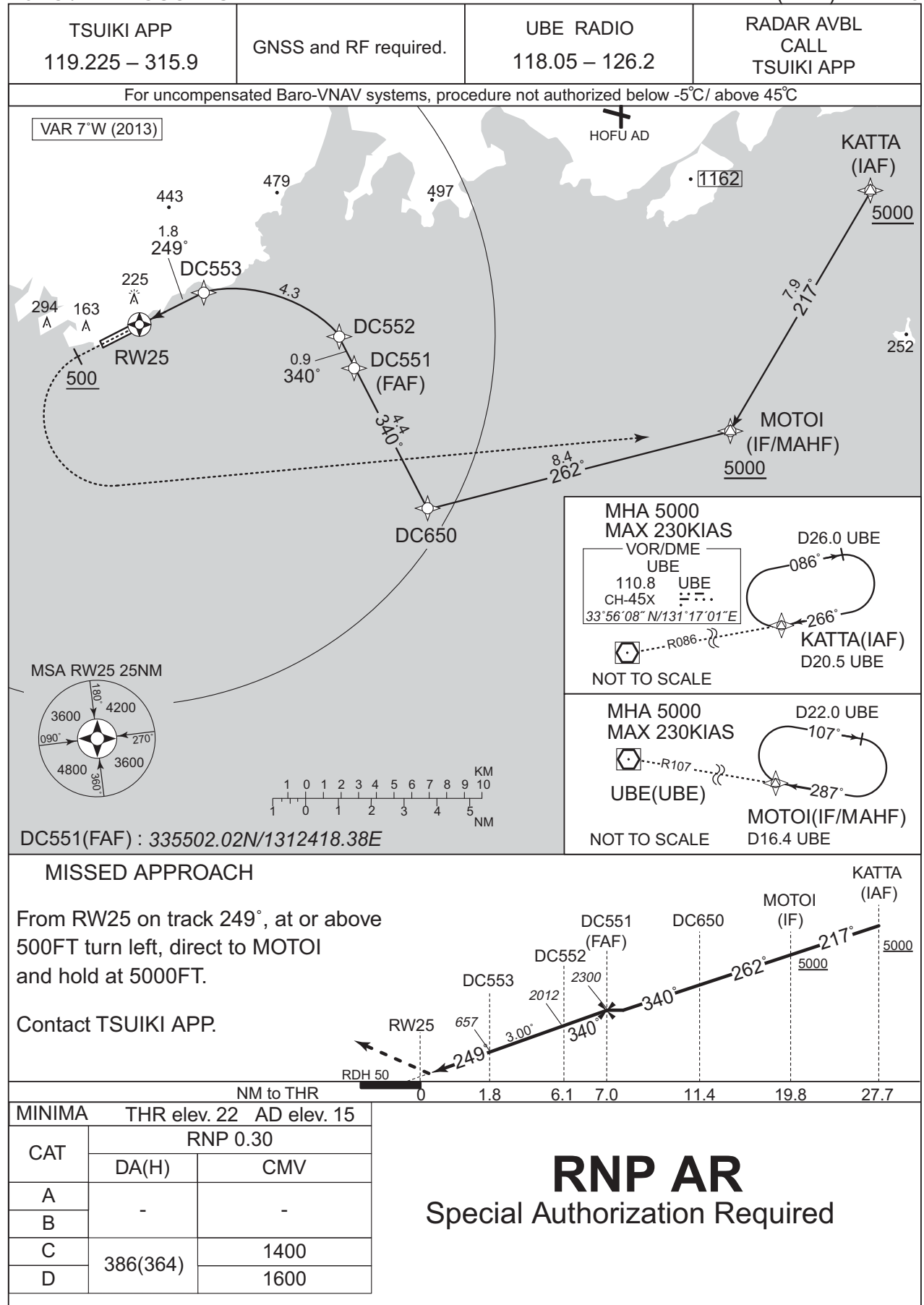
Waypoint Coordinates

| 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 |                          |                          |

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY25



## INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY25

RNAV (RNP) RWY25Coding 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<br>(209.7)  | -7.1               | 7.9           | —              | +5000         | —            | —               | 1.0       |
| 003           | TF                                 | DC650               | —        | 262<br>(254.7)  | -7.1               | 8.4           | —              | —             | —            | —               | 1.0       |
| 004           | TF                                 | DC551               | —        | 340<br>(332.5)  | -7.1               | 4.4           | —              | 2300          | —            | —               | 1.0       |
| 005           | TF                                 | DC552               | —        | 340<br>(332.5)  | -7.1               | 0.9           | —              | 2012          | —            | -3.00           | 0.3       |
| 006           | RF<br>Center:<br>DCRF2<br>r=2.71NM | DC553               | —        | —               | -7.1               | 4.3           | L              | 657           | —            | -3.00           | 0.3       |
| 007           | TF                                 | RW25                | Y        | 249<br>(242.2)  | -7.1               | 1.8           | —              | 72            | —            | -3.00/50        | 0.3       |
| 008           | FA                                 | —                   | —        | 249<br>(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 |                          |                          |

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



RJDC / YAMAGUCHI-UBE

Minimum Vectoring Altitude CHART

VAR 7°W (2004)



CENTER : 334041N/1310204E (RJFZ RADAR SITE)