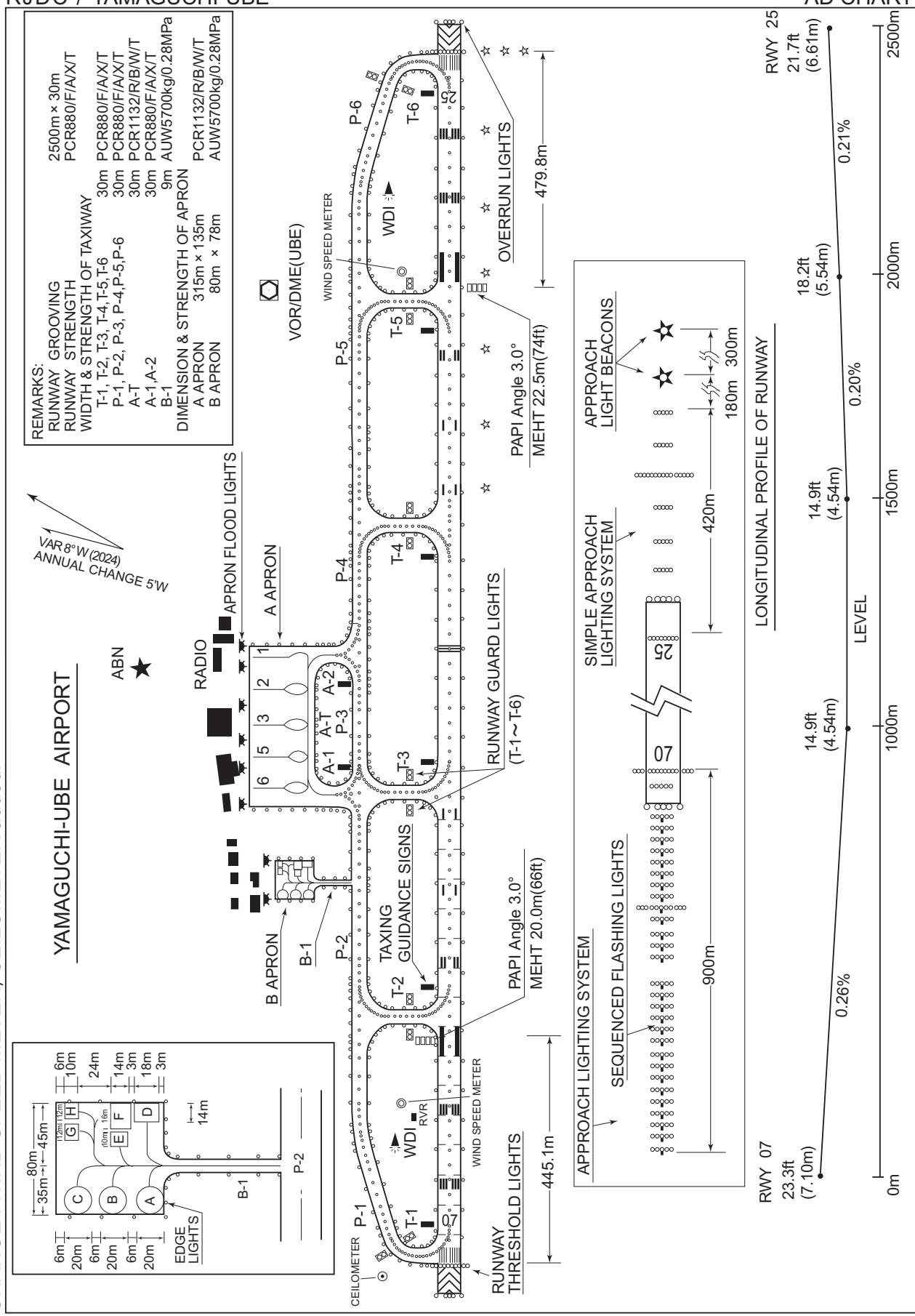


CHANGE : WIND SPEED METER, CEILOMETER added.



INTENTIONALLY LEFT BLANK

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.

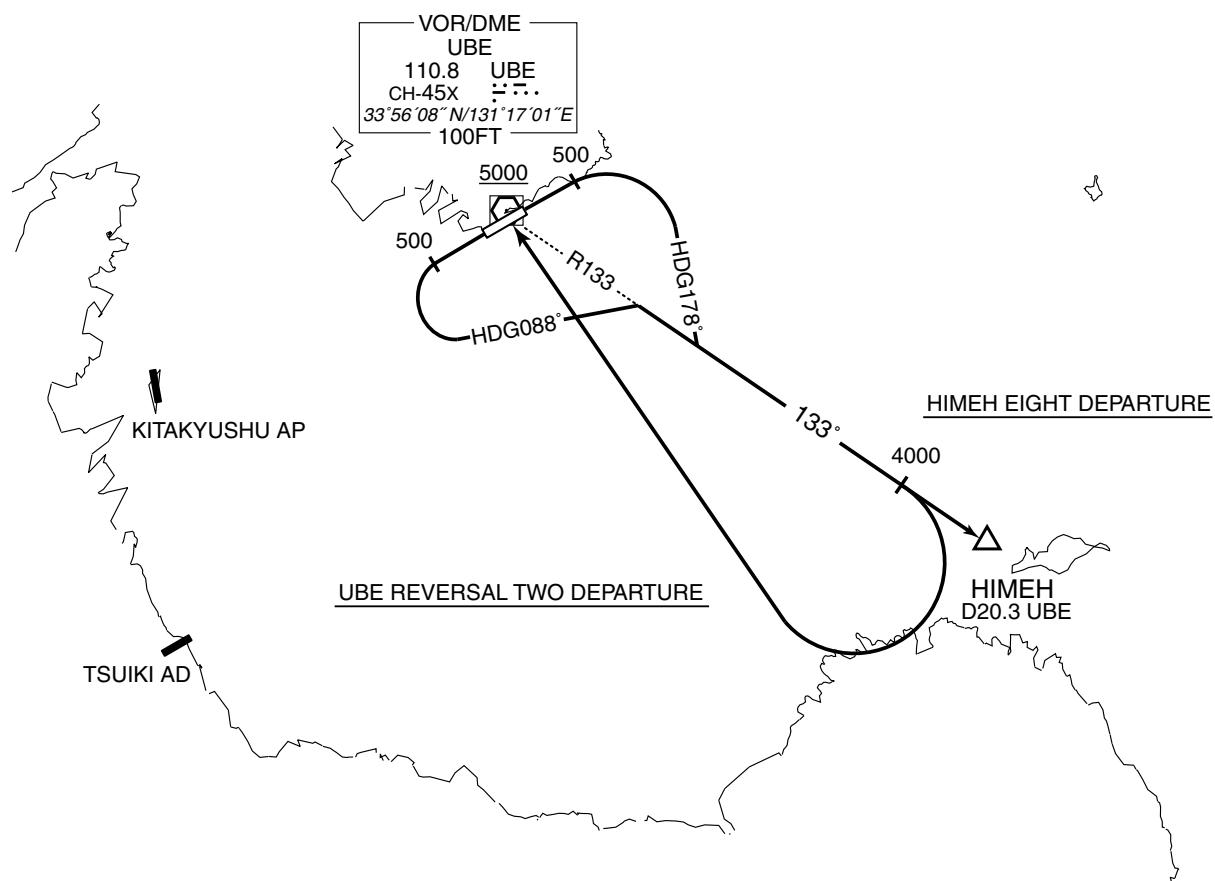
Cross UBE VOR/DME at or above 5000FT.

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.



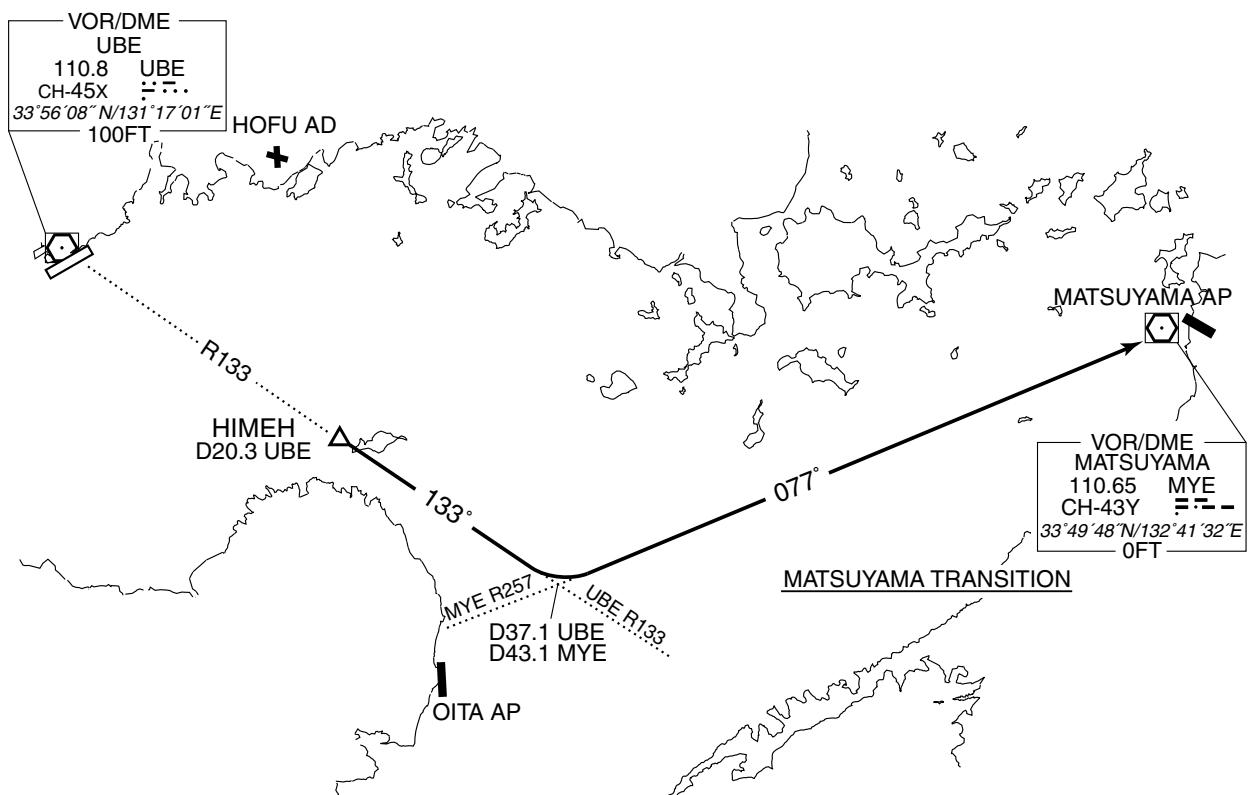
STANDARD DEPARTURE CHART - INSTRUMENT

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

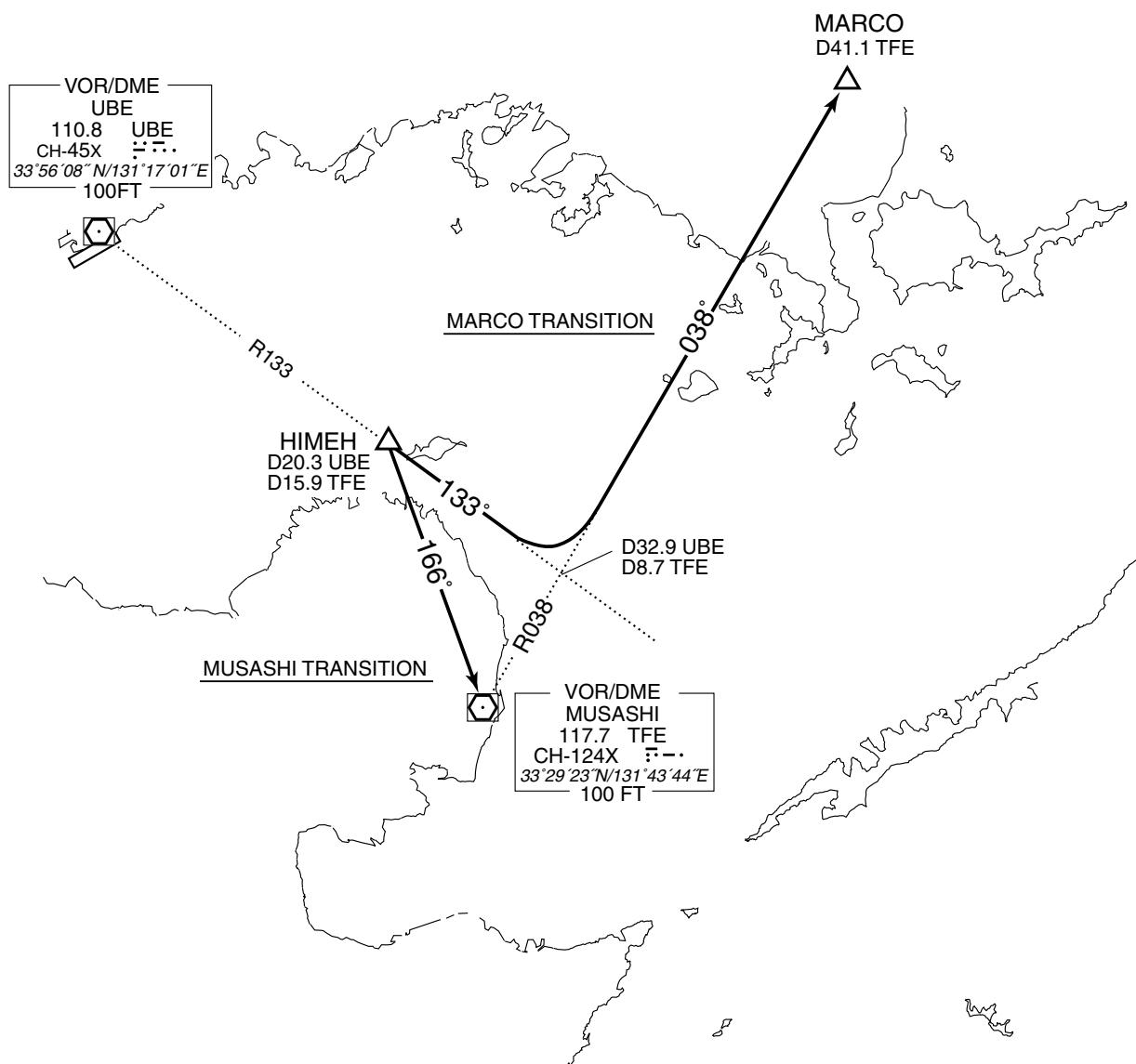
TRANSITION

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

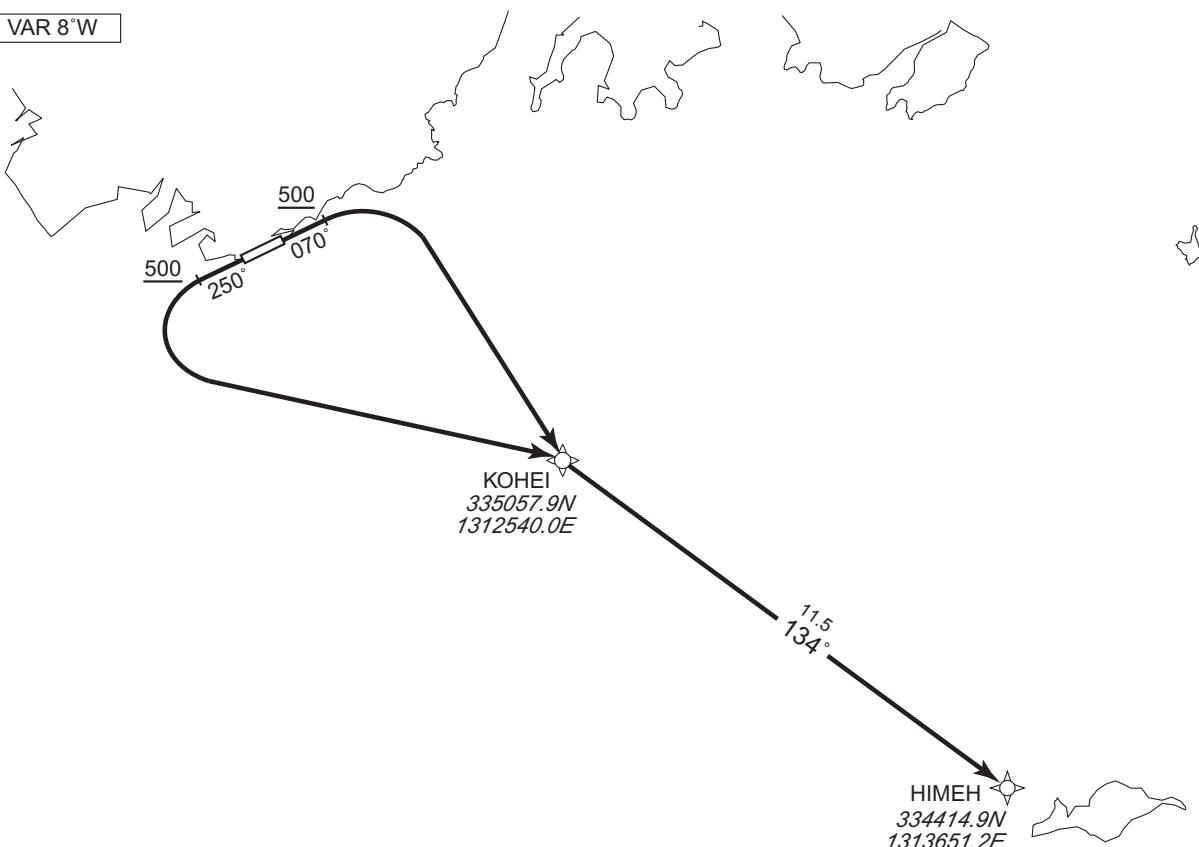
RJDC / YAMAGUCHI-UBE

RNAV SID

HIMESHIMA TWO DEPARTURE

RNP1

Note GNSS required.



RWY07 : Climb on HDG 070° at or above 500FT, turn right direct to KOHEI, to HIMEH.

RWY25 : Climb on HDG 250° at or above 500FT, turn left direct to KOHEI, to HIMEH.

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 | — | — | 070 (062.2) | -8.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | KOHEI | — | — | -8.2 | — | R | — | — | — | RNP1 |
| 003 | TF | HIMEH | — | 134 (125.8) | -8.2 | 11.5 | — | — | — | — | 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 | — | — | 250 (242.2) | -8.2 | — | — | +500 | — | — | RNP1 |
| 002 | DF | KOHEI | — | — | -8.2 | — | L | — | — | — | RNP1 |
| 003 | TF | HIMEH | — | 134 (125.8) | -8.2 | 11.5 | — | — | — | — | RNP1 |

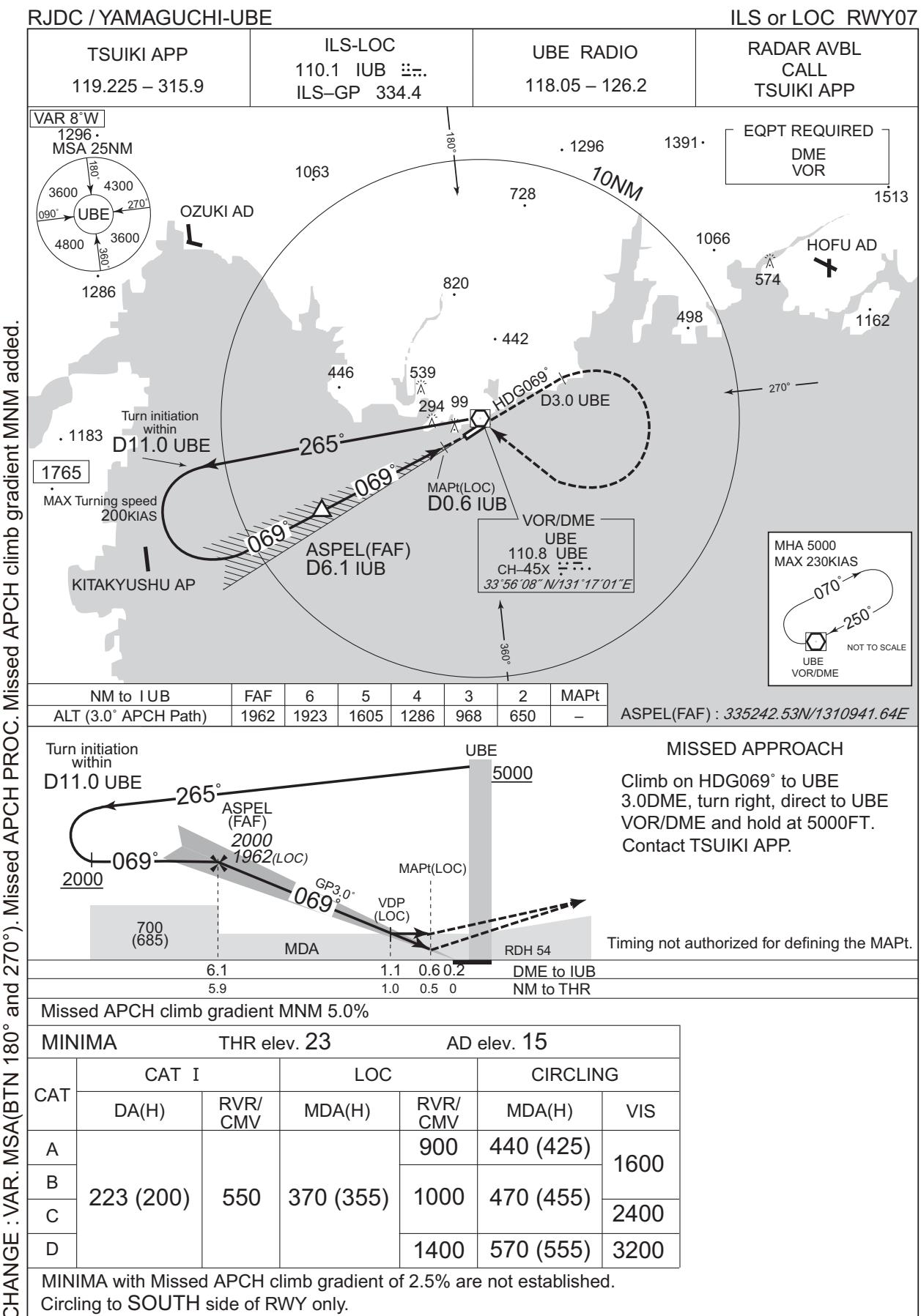
CHANGE : PROC renamed. VAR. PROC Course.

STANDARD DEPARTURE CHART - INSTRUMENT

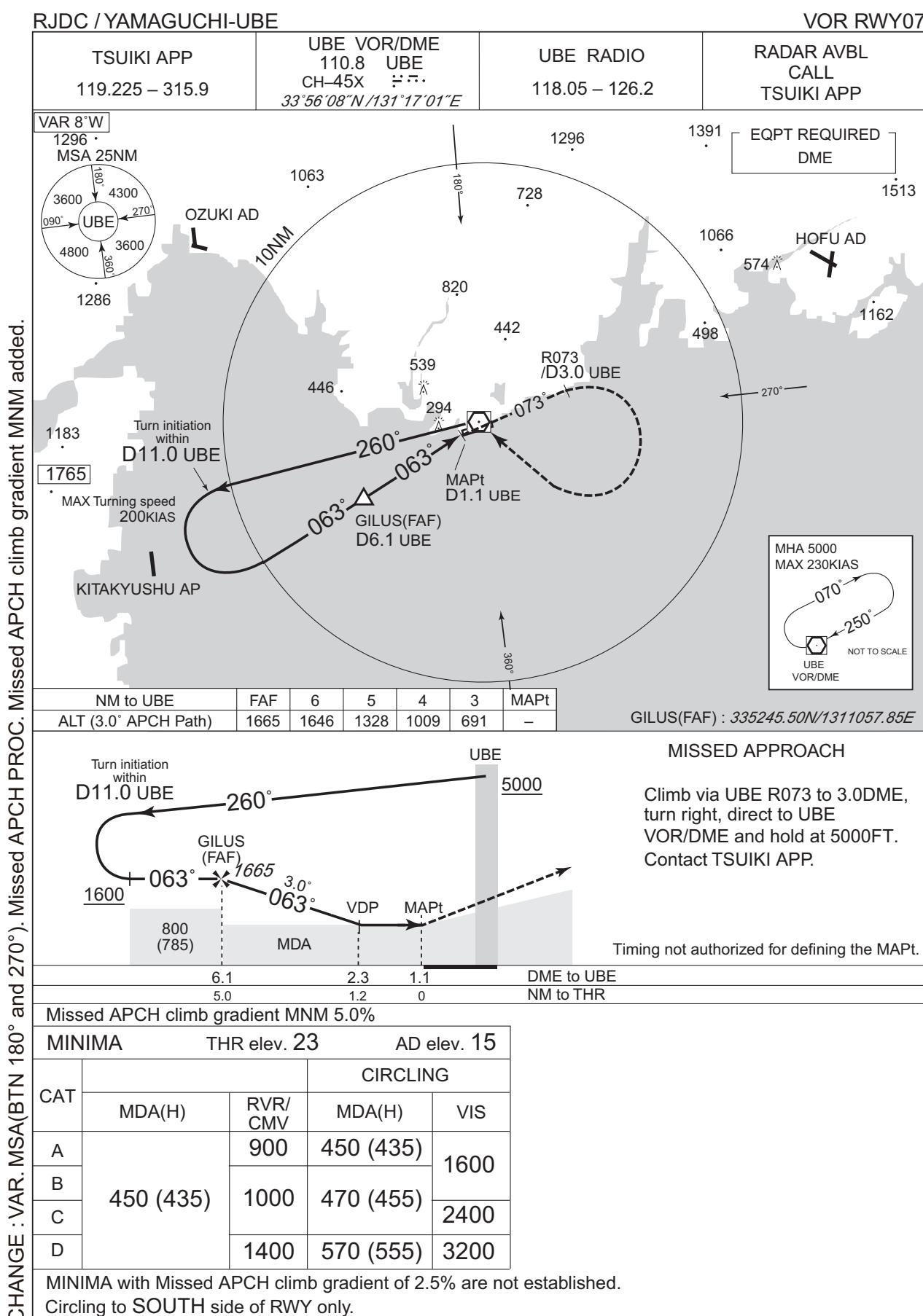
| RJDC / YAMAGUCHI-UBE | | RNAV TRANSITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|---------------------|----------|----------------|--------------------|---------------------|----------------|---------------|--------------------|----------------|--------------------------|---------------|--------------|----------------|--------------------------|-----|----|-------|---|---|------|---|---|---|---|---|------|-----|----|-------|---|----------------|------|------|---|--------|---|---|------|-----|----|-------|---|----------------|------|------|---|---|---|---|------|-----|----|-------|---|----------------|------|------|---|---|---|---|------|
| ABARTO TRANSITION | | RNP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note GNSS required. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VAR 8°W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From HIMEH, to ALFET at or above FL160, to MILAN, to FIATO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Serial Number</th><th>Path Descriptor</th><th>Waypoint Identifier</th><th>Fly Over</th><th>Course °M(°T)</th><th>Magnetic Variation</th><th>Distance (NM)</th><th>Turn Direction</th><th>Altitude (FT)</th><th>Speed (KIAS)</th><th>Vertical Angle</th><th>Navigation Specification</th></tr> </thead> <tbody> <tr> <td>001</td><td>IF</td><td>HIMEH</td><td>—</td><td>—</td><td>-8.2</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>RNP1</td></tr> <tr> <td>002</td><td>TF</td><td>ALFET</td><td>—</td><td>110 (102.2)</td><td>-8.2</td><td>19.8</td><td>—</td><td>+FL160</td><td>—</td><td>—</td><td>RNP1</td></tr> <tr> <td>003</td><td>TF</td><td>MILAN</td><td>—</td><td>073 (065.1)</td><td>-8.2</td><td>37.3</td><td>—</td><td>—</td><td>—</td><td>—</td><td>RNP1</td></tr> <tr> <td>004</td><td>TF</td><td>FIATO</td><td>—</td><td>083 (075.2)</td><td>-8.2</td><td>19.7</td><td>—</td><td>—</td><td>—</td><td>—</td><td>RNP1</td></tr> </tbody> </table> | | | | 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 | — | — | -8.2 | — | — | — | — | — | RNP1 | 002 | TF | ALFET | — | 110 (102.2) | -8.2 | 19.8 | — | +FL160 | — | — | RNP1 | 003 | TF | MILAN | — | 073 (065.1) | -8.2 | 37.3 | — | — | — | — | RNP1 | 004 | TF | FIATO | — | 083 (075.2) | -8.2 | 19.7 | — | — | — | — | RNP1 |
| 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 | — | — | -8.2 | — | — | — | — | — | RNP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 002 | TF | ALFET | — | 110 (102.2) | -8.2 | 19.8 | — | +FL160 | — | — | RNP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 003 | TF | MILAN | — | 073 (065.1) | -8.2 | 37.3 | — | — | — | — | RNP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 004 | TF | FIATO | — | 083 (075.2) | -8.2 | 19.7 | — | — | — | — | RNP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CHANGE : PROC Course. Navigation Specification. VAR.

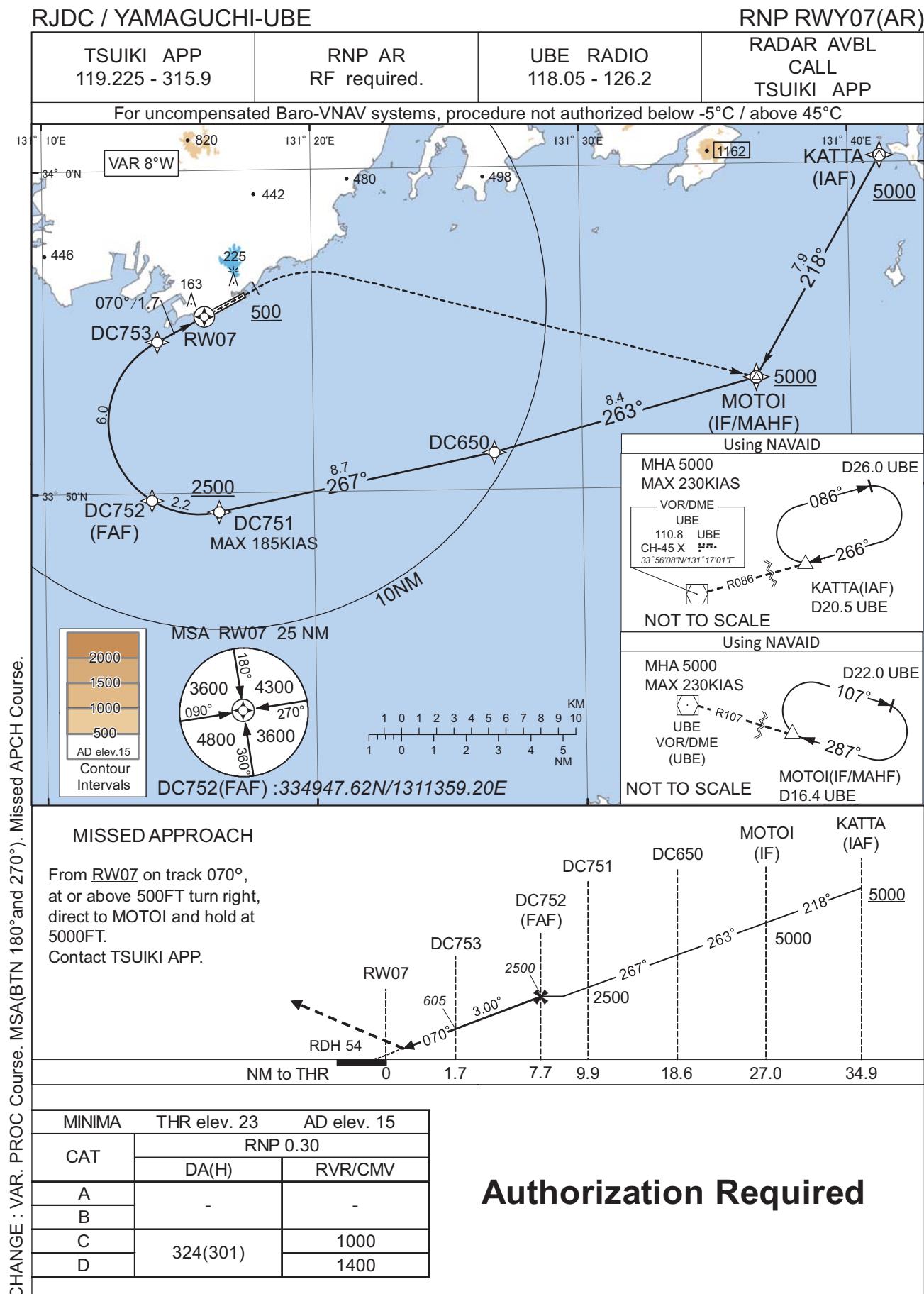
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



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 | - | - | -8.2 | - | - | +5000 | - | - | - |
| 002 | TF | MOTOI | - | 218 (209.7) | -8.2 | 7.9 | - | +5000 | - | - | 1.0 |
| 003 | TF | DC650 | - | 263 (254.7) | -8.2 | 8.4 | - | - | - | - | 1.0 |
| 004 | TF | DC751 | - | 267 (258.4) | -8.2 | 8.7 | - | +2500 | -185 | - | 1.0 |
| 005 | RF Center: DCRF1 r=2.83NM | DC752 | - | - | -8.2 | 2.2 | R | 2500 | - | - | 1.0 |
| 006 | RF Center: DCRF1 r=2.83NM | DC753 | - | - | -8.2 | 6.0 | R | 605 | - | -3.00 | 0.3 |
| 007 | TF | RW07 | Y | 070 (062.1) | -8.2 | 1.7 | - | 77 | - | -3.00/54 | 0.3 |
| 008 | FA | - | - | 070 (062.1) | -8.2 | - | - | +500 | - | - | 1.0 |
| 009 | DF | MOTOI | - | - | -8.2 | - | R | 5000 | - | - | 1.0 |

Waypoint Coordinates

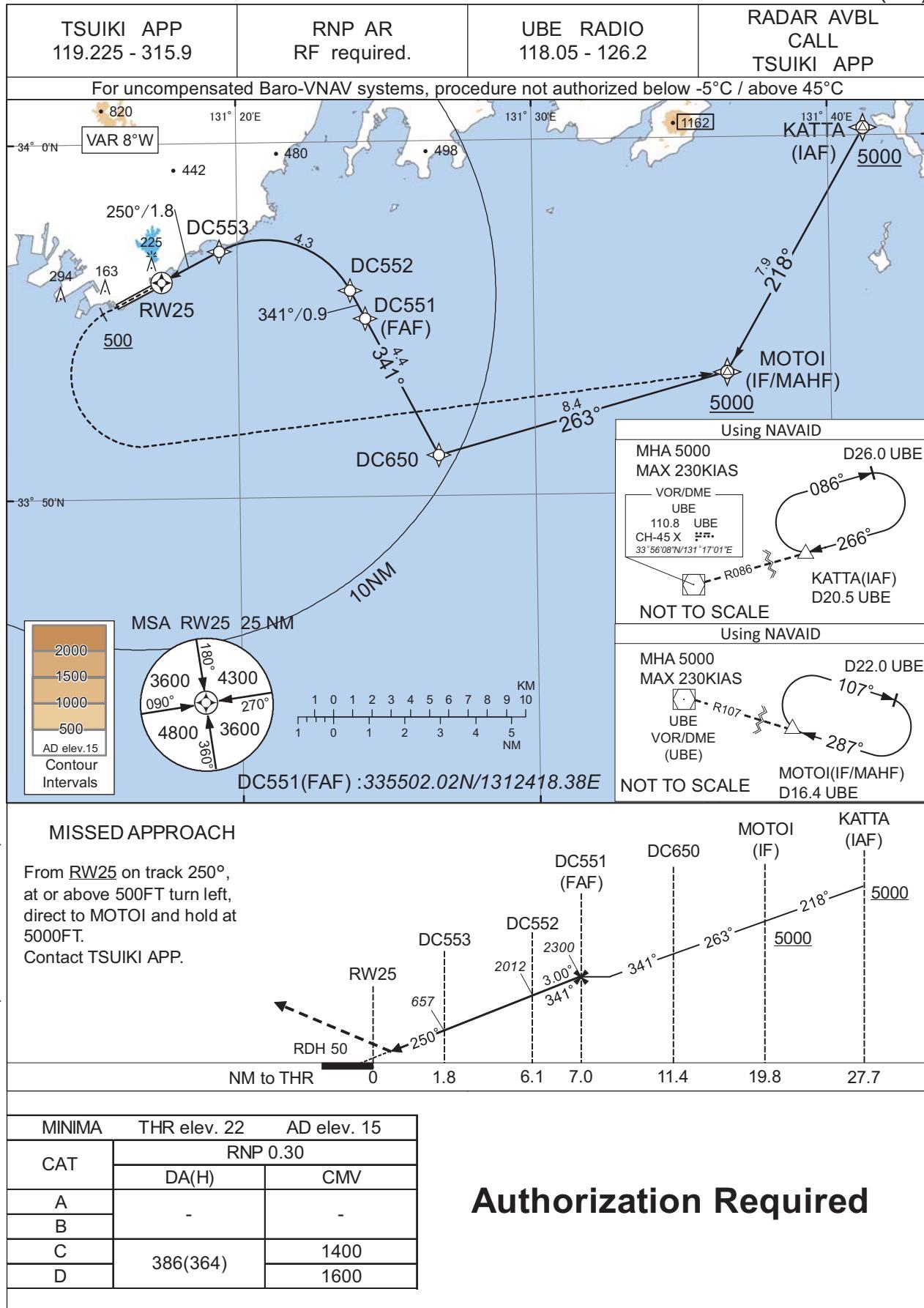
| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| KATTA | 340013.04N / 1314112.84E | DCRF1 | 335211.33N / 1311547.68E |
| MOTOI | 335323.26N / 1313630.85E | | |
| DC650 | 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 Course, VAR

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNP RWY25(AR)



INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNP RWY25(AR)

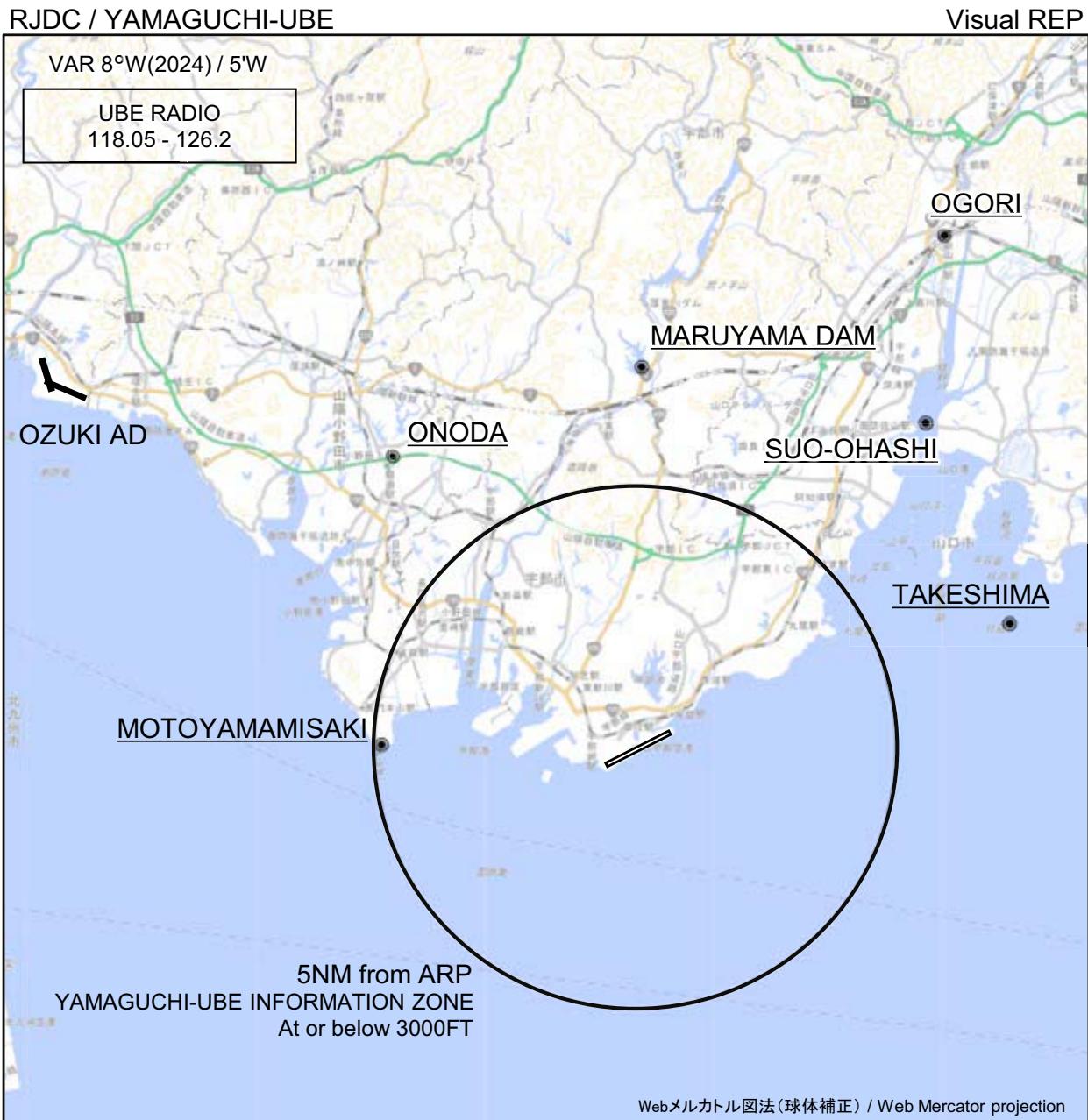
Coding Table

| 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 | - | - | -8.2 | - | - | +5000 | - | - | - |
| 002 | TF | MOTOI | - | 218 (209.7) | -8.2 | 7.9 | - | +5000 | - | - | 1.0 |
| 003 | TF | DC650 | - | 263 (254.7) | -8.2 | 8.4 | - | - | - | - | 1.0 |
| 004 | TF | DC551 | - | 341 (332.5) | -8.2 | 4.4 | - | 2300 | - | - | 1.0 |
| 005 | TF | DC552 | - | 341 (332.5) | -8.2 | 0.9 | - | 2012 | - | -3.00 | 0.3 |
| 006 | RF Center: DCRF2 r=2.71NM | DC553 | - | - | -8.2 | 4.3 | L | 657 | - | -3.00 | 0.3 |
| 007 | TF | RW25 | Y | 250 (242.2) | -8.2 | 1.8 | - | 72 | - | -3.00/50 | 0.3 |
| 008 | FA | - | - | 250 (242.2) | -8.2 | - | - | +500 | - | - | 1.0 |
| 009 | DF | MOTOI | - | - | -8.2 | - | 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 | | |

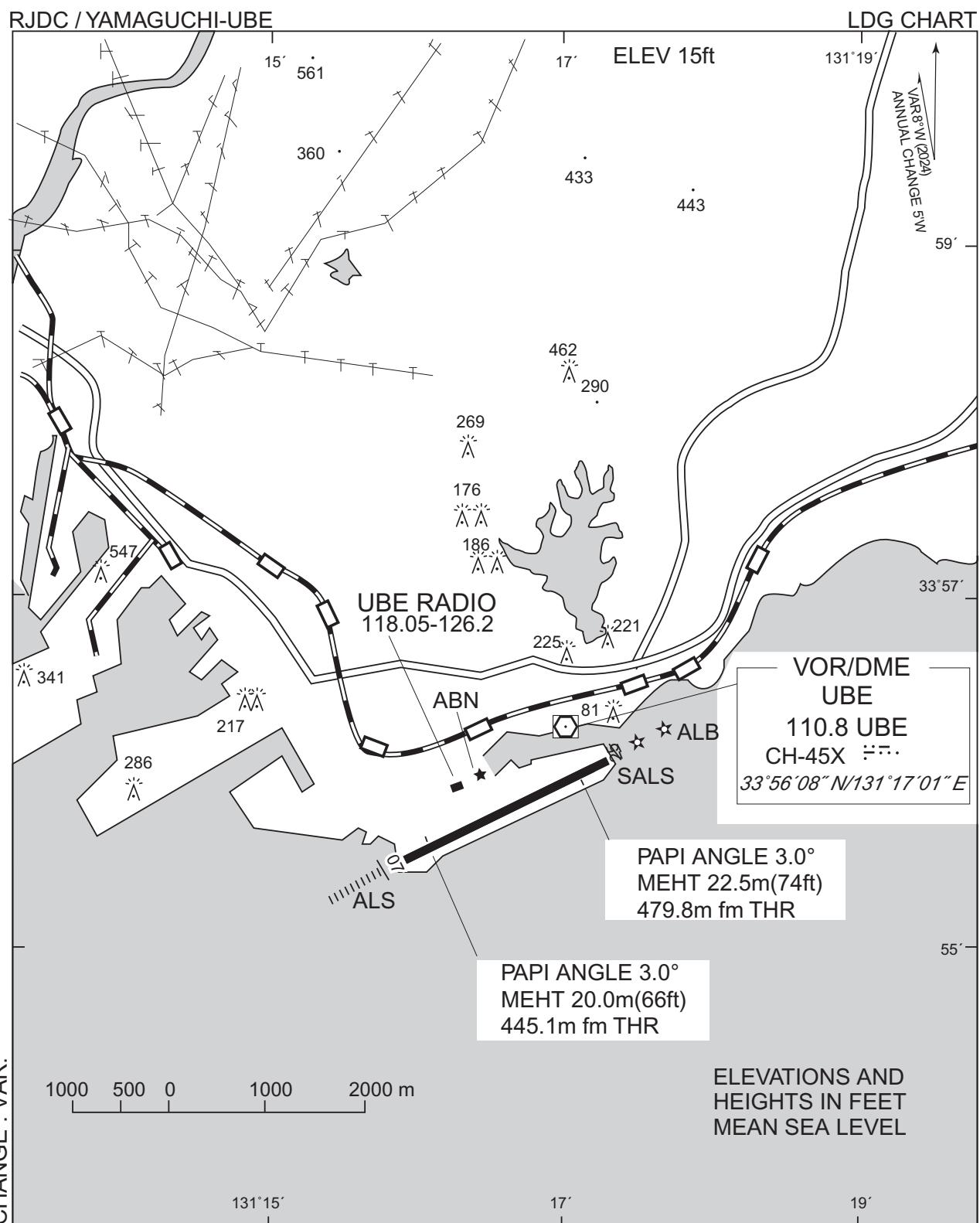
CHANGE : PROC Course. VAR.



※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 : VAR.
○

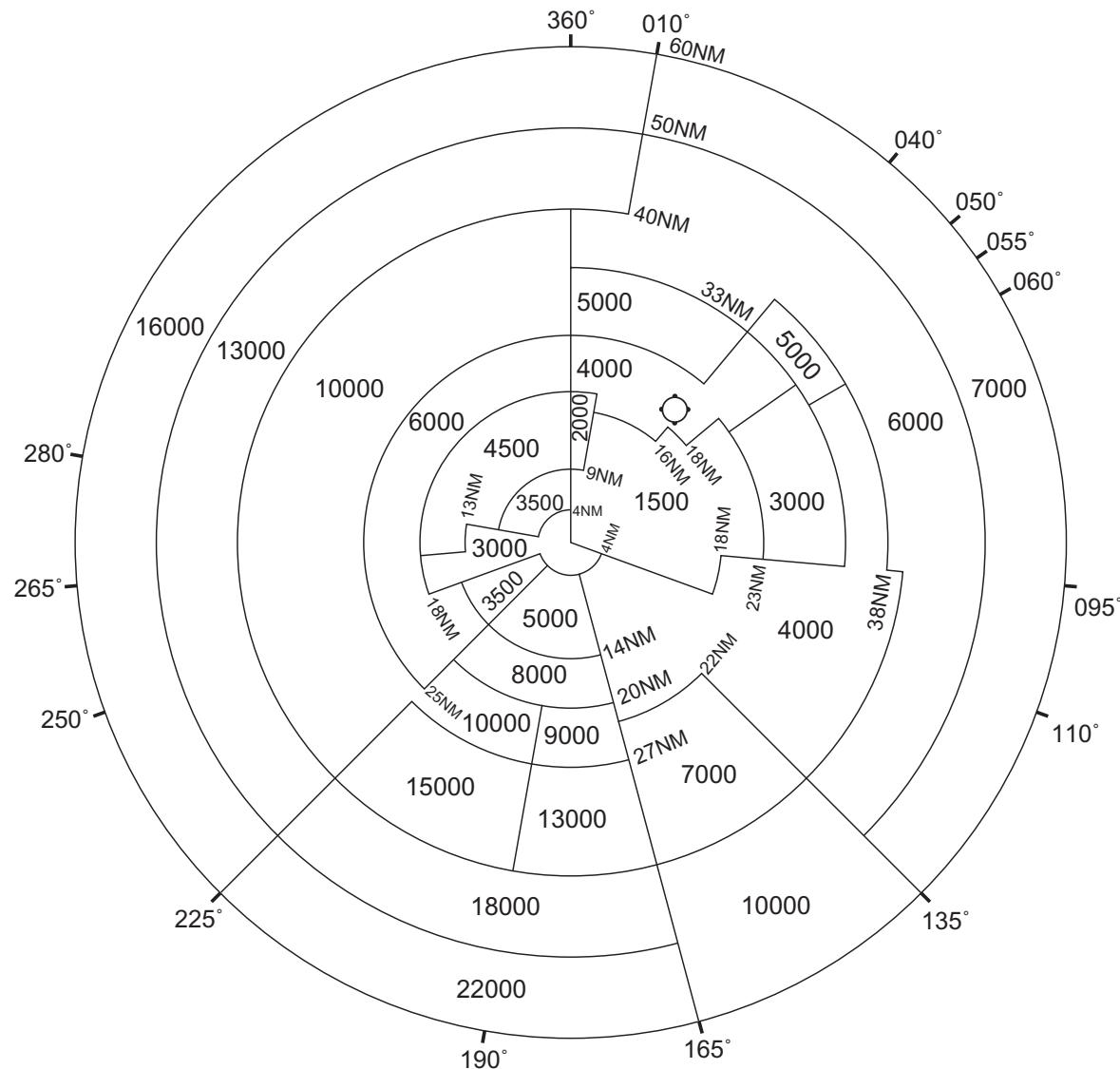
| Call sign | BRG / DIST from ARP | Remarks |
|-----------------------|---------------------|-----------------------------|
| 小郡 Ogori | 031°T / 11.4NM | JR駅 Station |
| 丸山ダム Maruyama Dam | 001°T / 7.3NM | ダム Dam |
| 周防大橋 Suo-ohashi | 042°T / 8.3NM | 橋 Bridge |
| 小野田 Onoda | 320°T / 7.3NM | 高速道路インター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



RJDC / YAMAGUCHI-UBE

Minimum Vectoring Altitude CHART

VAR 8°W (2024)



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

CHANGE : VAR.