

CHANGE : WIND SPEED METER added.



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STANDARD DEPARTURE CHART - INSTRUMENT

RJEO / OKUSHIRI

SID

ESASI TWO DEPARTURE

RWY13 : Turn left,...

RWY31 : Climb via RWY HDG until 1500FT or above, complete left turn within  
ORE 10DME,...

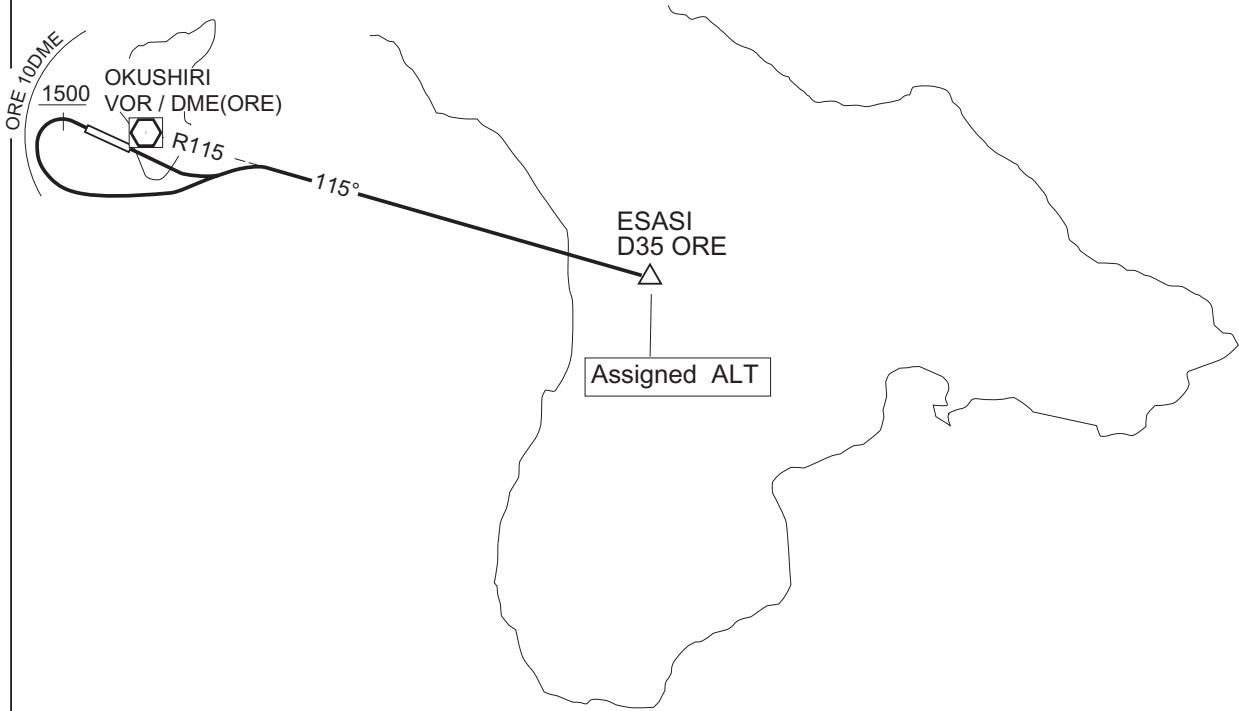
...climb via ORE R115 to ESASI.

Cross ESASI at assigned or specified altitude.

Note : When take off from RWY13, following climb gradient should be  
maintained until 700FT.

|                 |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots)   | 60  | 90  | 120 | 150 | 180 | 210  |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

CHANGE : TAKE OFF MINIMA deleted.



## STANDARD DEPARTURE CHART - INSTRUMENT

RJEO / OKUSHIRI

RNAV SID

AONAE ONE DEPARTURE

RWY13: Climb on HDG 130° at or above 600FT, turn left direct to AONAE, to ESASI.

RWY31: Climb on HDG 310° at or above 600FT, turn left direct to EO100, to AONAE, to ESASI.

Note RWY31: 4.5% climb gradient required up to 600FT.

OBST ALT 209FT located at 0.1NM 354°FM end of RWY31

## RWY13

| 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              | -                   | -        | 130<br>(120.3) | -9.8               | -             | -              | +600          | -            | -              | Basic RNP1               |
| 002           | DF              | AONAE               | -        | -              | -9.8               | -             | L              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | ESASI               | -        | 115<br>(105.6) | -9.8               | 20.6          | -              | -             | -            | -              | Basic RNP1               |

## RWY31

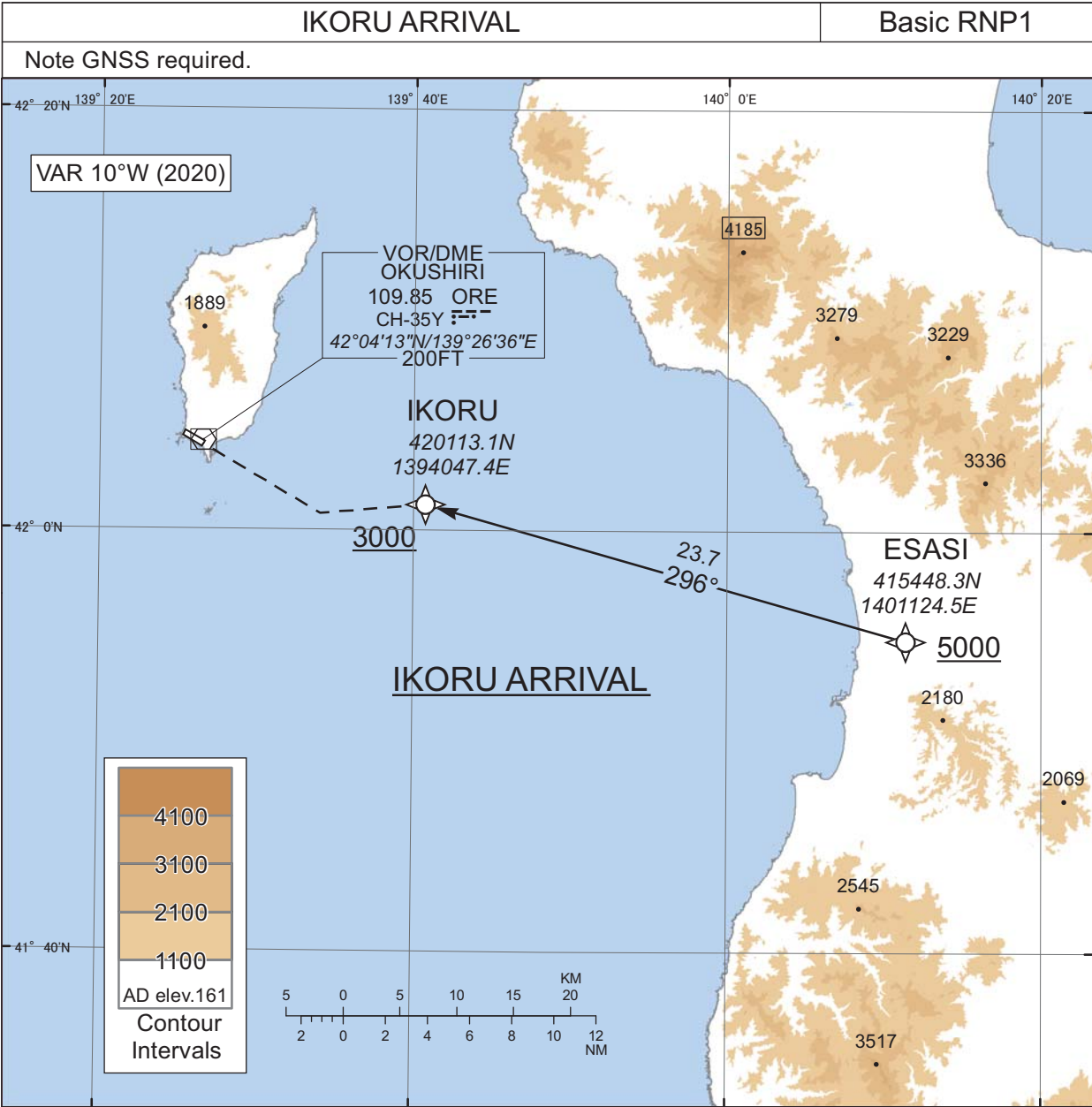
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                   | -        | 310<br>(300.3) | -9.8               | -             | -              | +600          | -            | -              | Basic RNP1               |
| 002           | DF              | EO100               | -        | -              | -9.8               | -             | L              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | AONAE               | -        | 095<br>(084.9) | -9.8               | 17.1          | -              | -             | -            | -              | Basic RNP1               |
| 004           | TF              | ESASI               | -        | 115<br>(105.6) | -9.8               | 20.6          | -              | -             | -            | -              | Basic RNP1               |

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT

RJEO / OKUSHIRI

RNAV STAR RWY31



IKORU ARRIVAL

From ESASI at or above 5000FT, to IKORU at or above 3000FT.

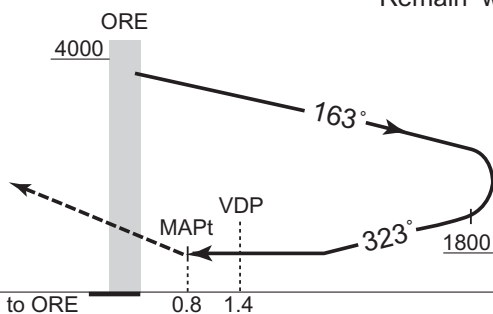
CHANGE : New PROC

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## RJEO / OKUSHIRI

VOR RWY31

Remain within ORE 10.0DME



| MINIMA |           | THR elev. 141 | AD elev. 161 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | CMV           | MDA(H)       | VIS  |
| A      | 600 (459) | 1500          | 600 (439)    | 1600 |
| B      |           |               | 620 (459)    |      |
| C      |           | 2000          |              | 2400 |
| D      | —         | —             | —            | —    |

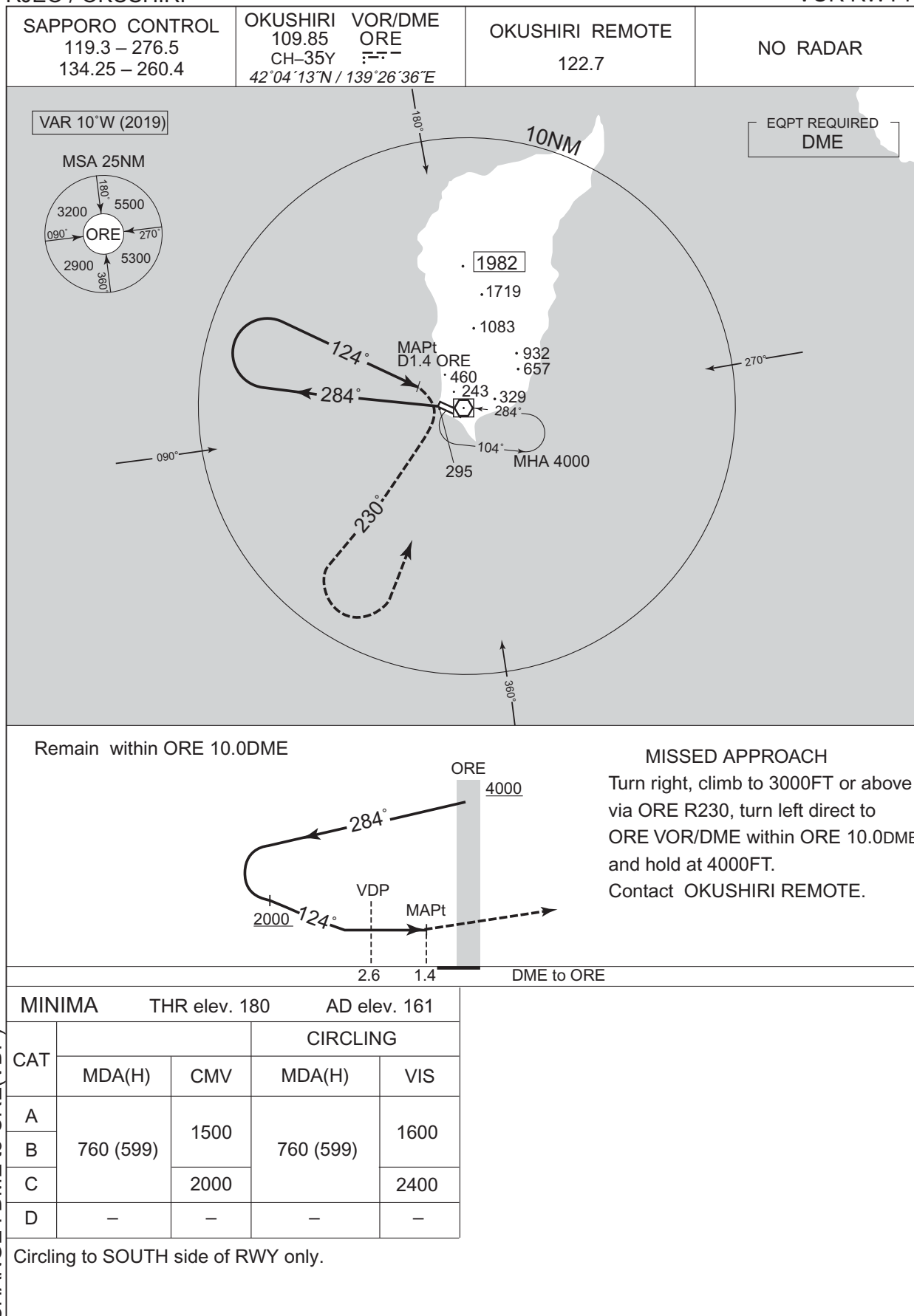
Circling to SOUTH side of RWY only.

CHANGE : VAR,MSA

## INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

VOR RWY13

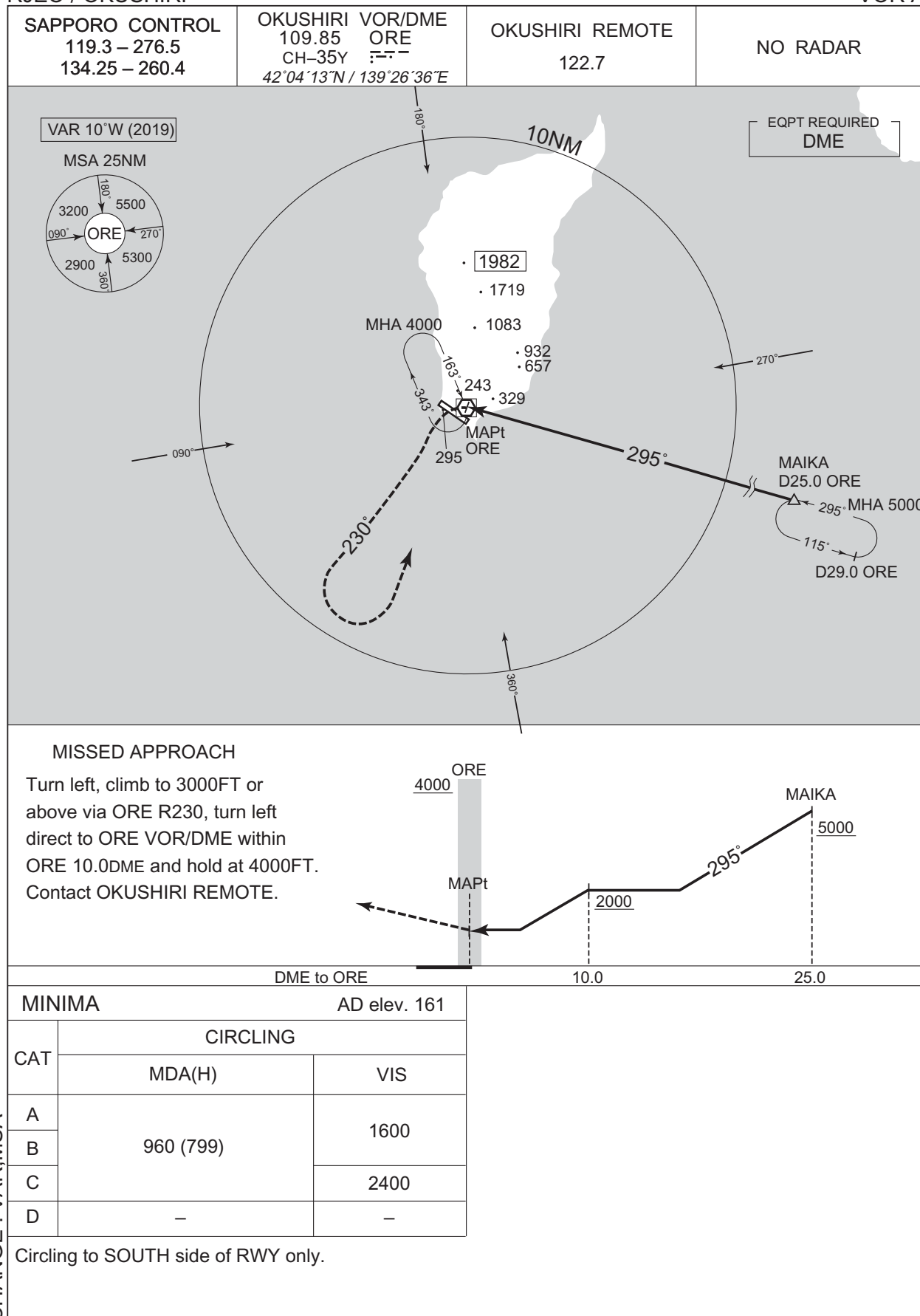




INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

VOR A



CHANGE : VAR,MSA

## RJE0 / OKUSHIRI

**SAPORO CONTROL**  
119.3 - 276.5  
134.25 - 260.4

**1. DME/CME RNP0.3**  
not authorized.  
**2. RNP0.3 required.**  
**3. GNSS required.**

**OKUSHIRI REMOTE**  
122.7

**NO RADAR**

**Baro-VNAV not authorized below -15°C**

**VAR 10°W (2020)**

**1889**

**EO151 (MATF)**  
R307/D2.8 ORE

**EO150 (MAPt)**

**VOR/DME OKUSHIRI**  
109.85 ORE  
CH-35Y  $42^{\circ}04'13"N/139^{\circ}26'36"E$

**MARUU (FAF)**

**IKORU (IAF/MAHF)**

**WOONY (IF)**

**EO152 (MATF)**

**EO151 (MATF)**

**EO150 (MAPt)**

**EO151 (MATF)**

**EO152 (MATF)**

**MSA 25NM**  
5300  
ARP

**ARP: 420418N / 1392558E**

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

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

**2600**  
**2100**  
**1600**  
**1100**  
**AD elev.161**  
**Contour Intervals**

**RNAV HLDG**

**IKORU**  
**MHA 3000**  
**MAX 210KIAS**  
**Maximum holding altitude 12000FT**

**Using NAVAID**

**ORE**  
**VOR/DME**  
**IKORU**  
**D11.0 ORE**  
**MHA 3000**  
**MAX 210KIAS**  
**Maximum holding altitude 12000FT**

| NM to Next Fix     | MAPt | 1   | 2   | 3    | FAF  |
|--------------------|------|-----|-----|------|------|
| ALT(3.0°APCH Path) | -    | 580 | 899 | 1217 | 1300 |

Figure 1 illustrates the flight path of a vessel from the Red Sea (RDH 50) to the Indian Ocean (IKORU IAF). The path is divided into segments with headings of 300°, 310°, and 273°. Key waypoints include VDP (LNAV) and VDP (0.8NM to MAPt). Altitudes are marked as 1300, 1200, and 700 (559). The path starts at RDH 50, proceeds to EO150 (MAPt), then to MARUU (FAF), and finally to IKORU (IAF). The diagram also shows the distance from the Red Sea to the Indian Ocean (RDH 50) and the distance from the Indian Ocean to the Red Sea (RDH 50).

| MINIMA |           | THR elev. 141 |          | AD elev. 161 |          |      |
|--------|-----------|---------------|----------|--------------|----------|------|
| CAT    | LNAV/VNAV |               | LNAV     |              | CIRCLING |      |
|        | DA(H)     | CMV           | MDA(H)   | CMV          | MDA(H)   | VIS  |
| A      | 490(349)  | 1500          | 490(349) | 1500         | 600(439) | 1600 |
| B      |           | 1800          |          | 1800         | 620(459) |      |
| C      |           |               |          |              |          | -    |
| D      | -         | -             | -        | -            | -        | -    |

CHANGE : New PROC

RJEO / OKUSHIRI

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            |
|--------------------|---------------------|--------------------|
| 稲穂岬<br>Inahomisaki | 028°T / 12.0NM      | 灯台<br>Lighthouse   |
| 10NM E             | 090°T / 10.0NM      | 海上<br>Over the sea |
| 10NM SE            | 135°T / 10.0NM      | 海上<br>Over the sea |

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