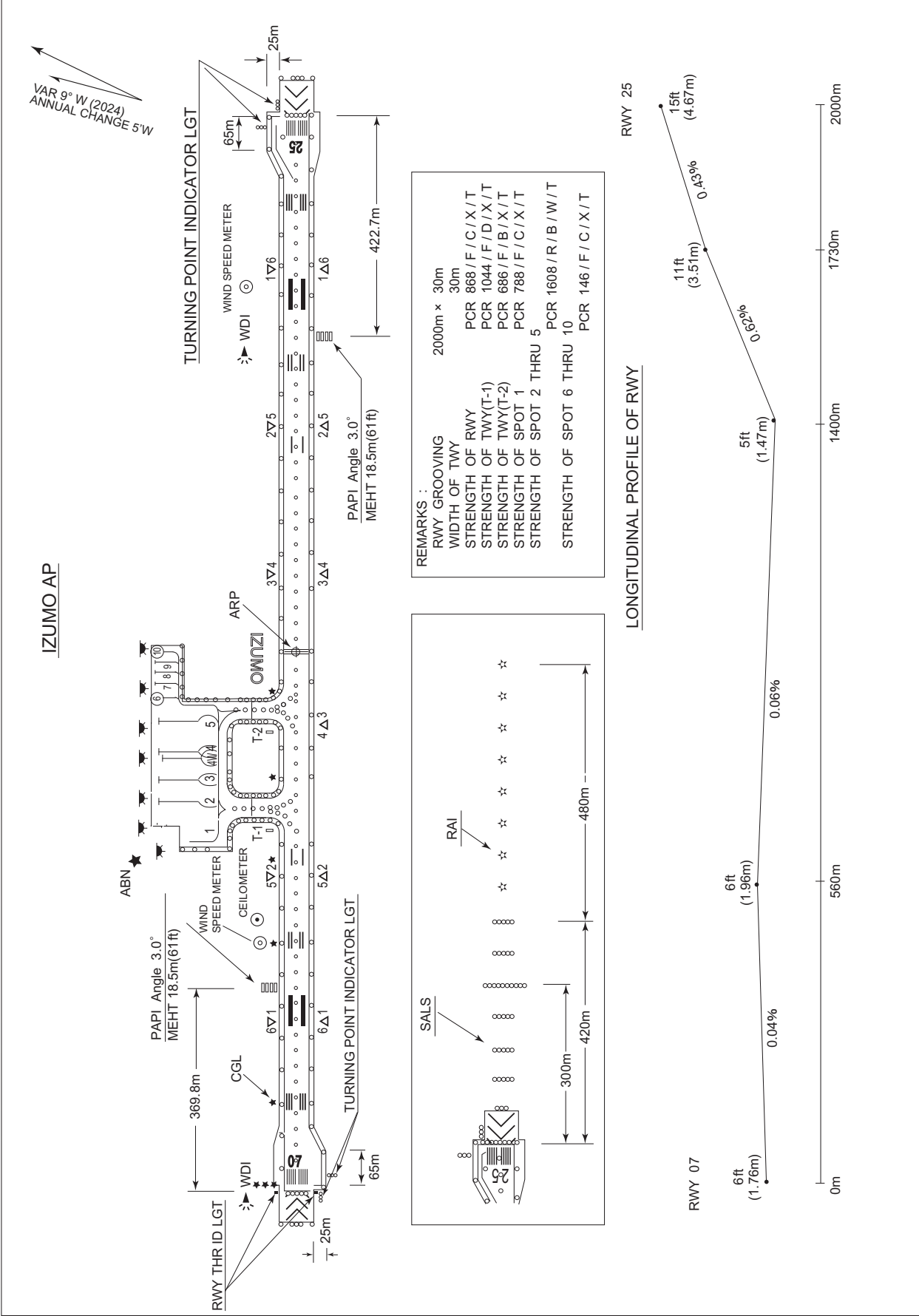


RJOC / IZUMO

AD CHART

CHANGE : VAR.



STANDARD DEPARTURE CHART -INSTRUMENT

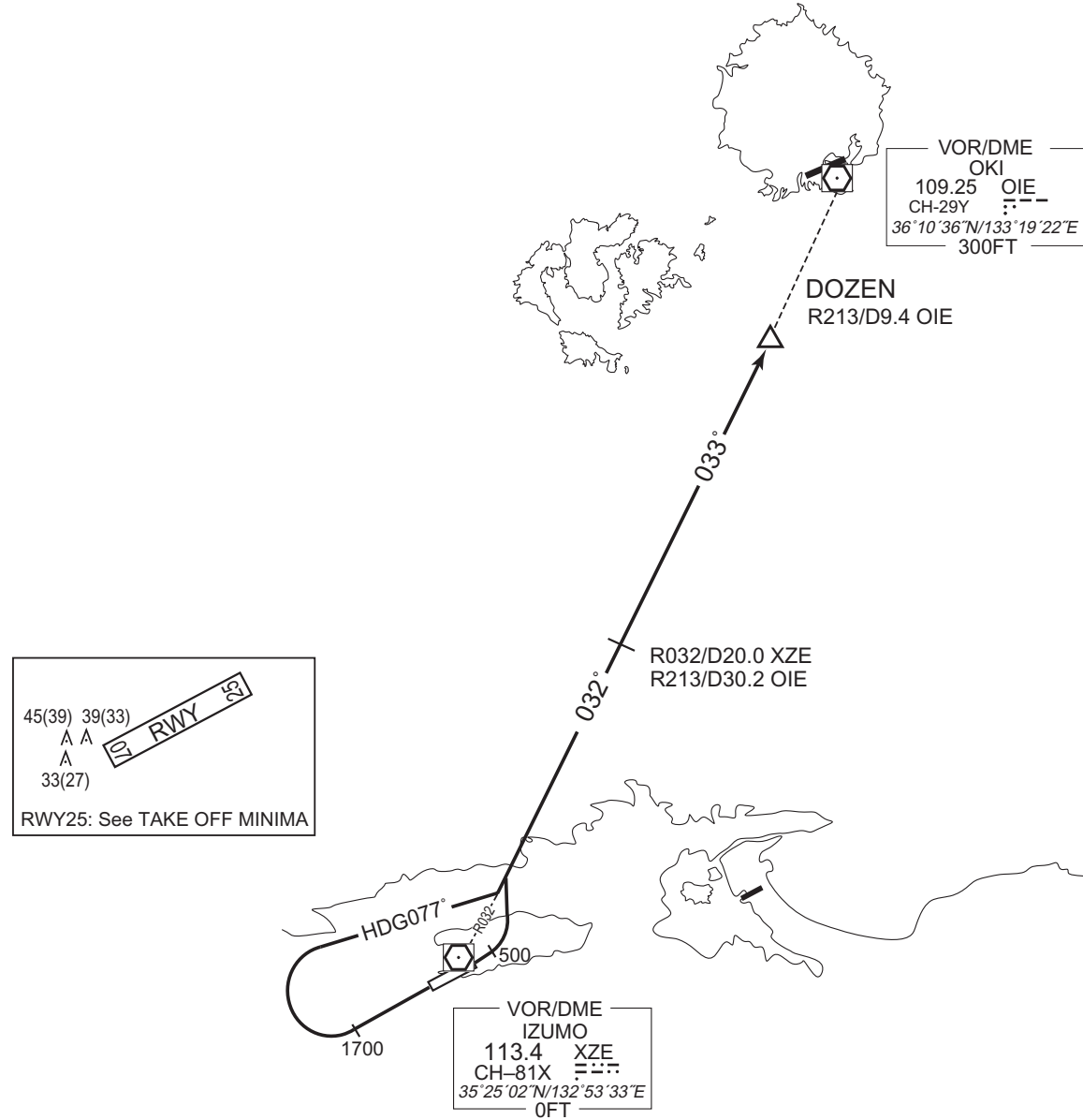
RJOC / IZUMO SID

DOZEN FIVE DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn left ...  
RWY25 : Climb RWY HDG to 1700FT, turn right HDG077° ...  
... to intercept and proceed via XZE R032 to XZE 20.0DME(OIE 30.2DME),  
via OIE R213 to DOZEN.

Note RWY07: 4.6% climb gradient required up to 1300FT.  
OBST ALT 1074FT located at 4.8NM 029° FM end of RWY07.  
RWY25: 4.7% climb gradient required up to 2200FT.  
OBST ALT 1838FT located at 6.3NM 280° FM end of RWY25.

CHANGE : PROC renamed. Course FM XZE to DOZEN. ALT restriction at DOZEN abolished.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

IZUMO REVERSAL FOUR DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn left to intercept and proceed via XZE R032 to 3000FT, turn left direct to XZE VOR/DME.

Cross XZE VOR/DME at or above 7000FT.

RWY25 : Climb RWY HDG to 1700FT, turn right to intercept and proceed via XZE R260 to XZE 10.5DME, turn right direct to XZE VOR/DME.

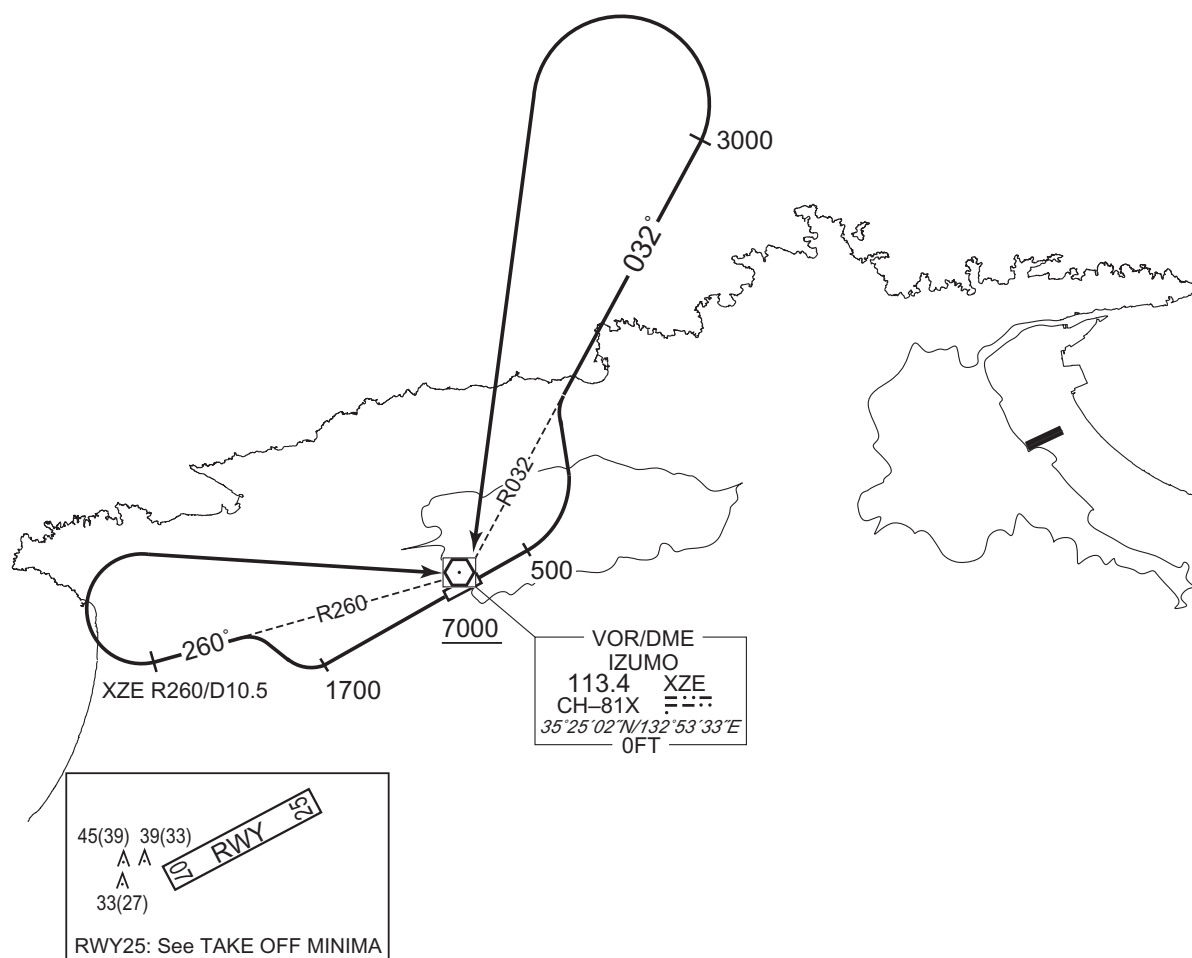
Cross XZE VOR/DME at or above 7000FT.

Note RWY07: 4.6% climb gradient required up to 1300FT.

OBST ALT 1074FT located at 4.8NM 029° FM end of RWY07.

RWY25: 4.7% climb gradient required up to 2200FT.

OBST ALT 1838FT located at 6.3NM 280° FM end of RWY25.

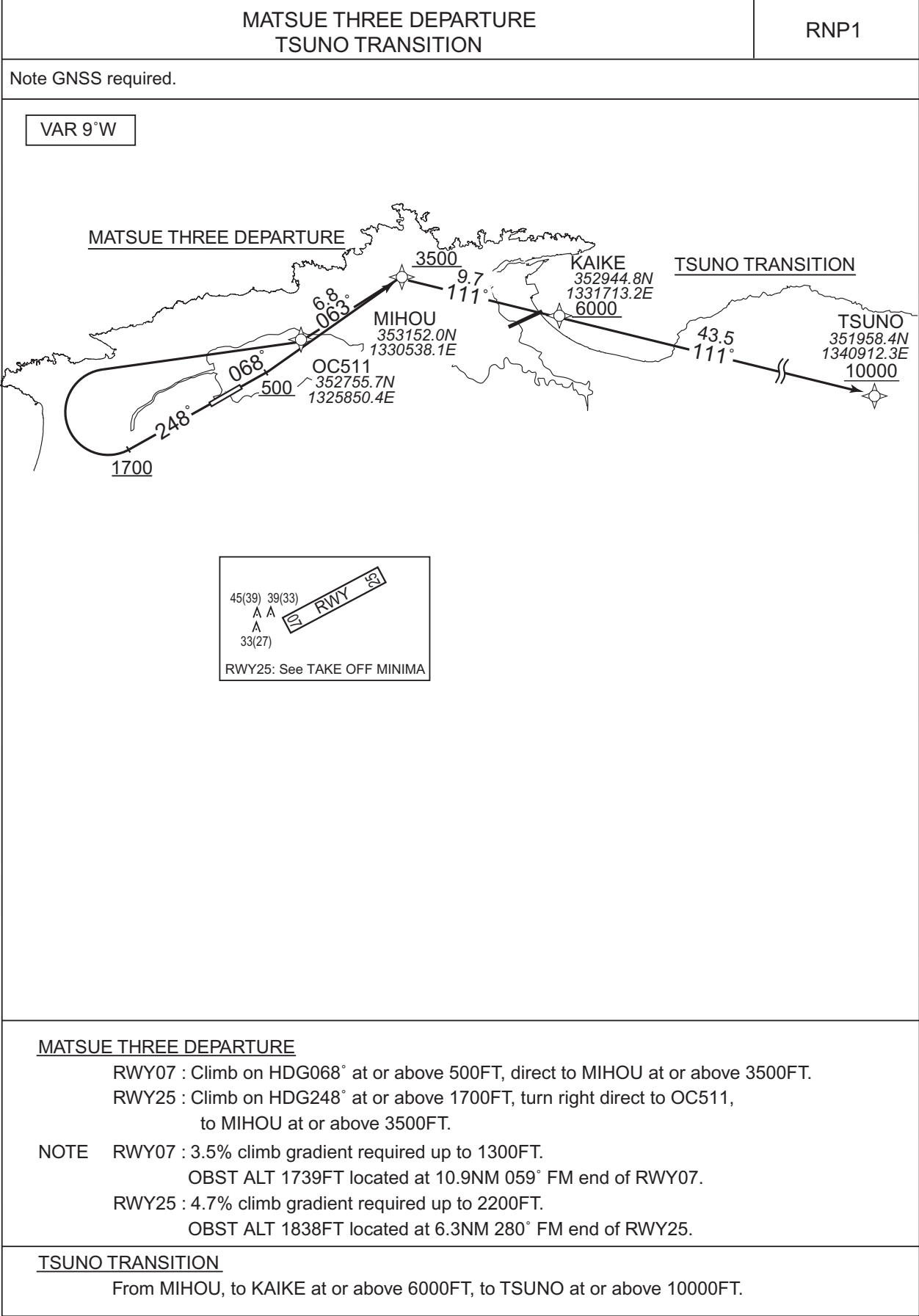


CHANGE : Note.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION



CHANGE : VAR. PROC renamed. PROC course.

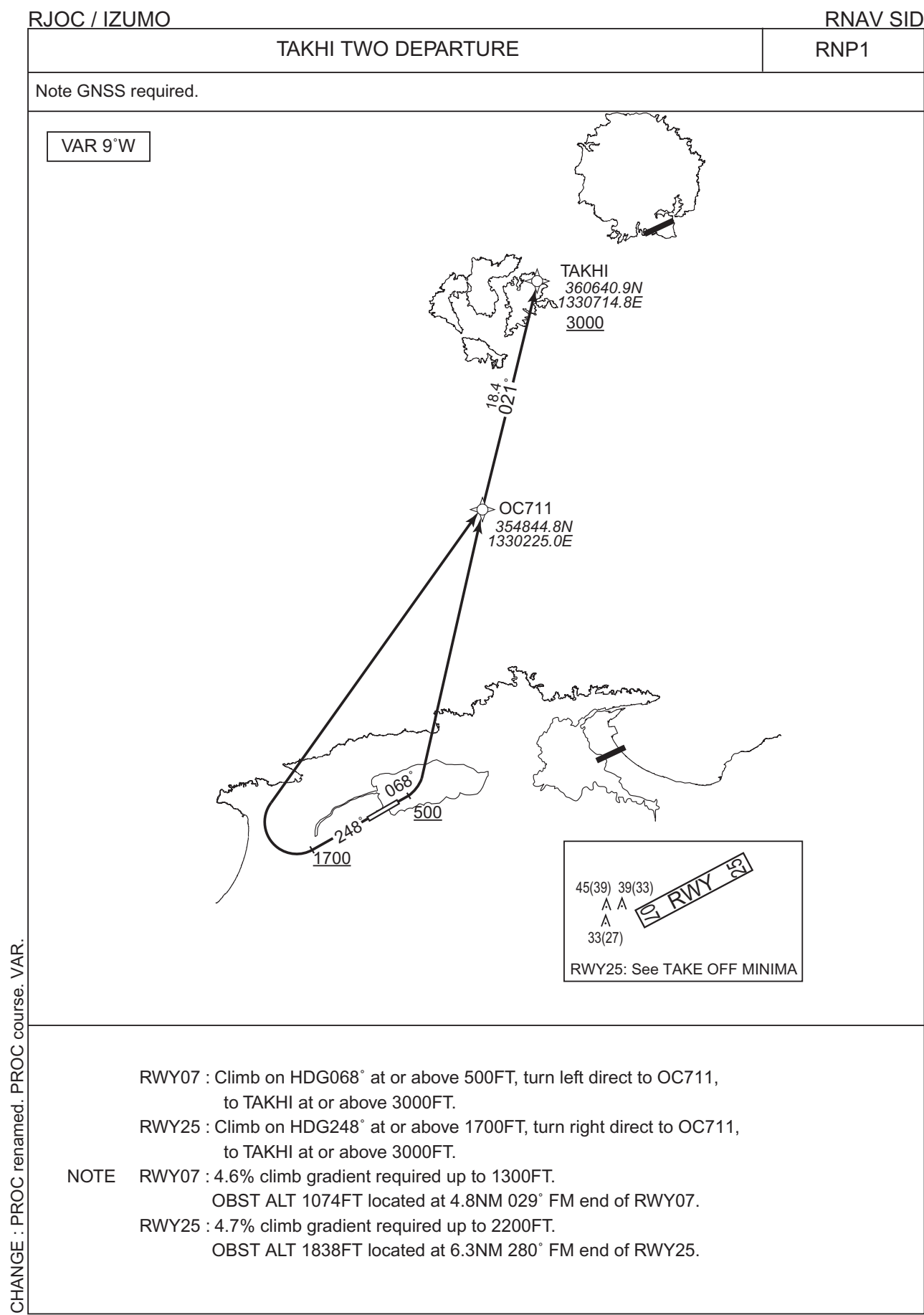
STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

| MATSUE THREE 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              | -                   | -        | 068<br>(059.3) | -8.6               | -             | -              | +500          | -            | -              | RNP1                     |
| 002                                      | DF              | MIHOU               | -        | -              | -8.6               | -             | -              | +3500         | -            | -              | 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              | -                   | -        | 248<br>(239.3) | -8.6               | -             | -              | +1700         | -            | -              | RNP1                     |
| 002                                      | DF              | OC511               | -        | -              | -8.6               | -             | R              | -             | -            | -              | RNP1                     |
| 003                                      | TF              | MIHOU               | -        | 063<br>(054.5) | -8.6               | 6.8           | -              | +3500         | -            | -              | RNP1                     |
| TSUNO TRANSITION                         |                 |                     |          |                |                    |               |                |               |              |                |                          |
| 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              | MIHOU               | -        | -              | -8.6               | -             | -              | +3500         | -            | -              | RNP1                     |
| 002                                      | TF              | KAIKE               | -        | 111<br>(102.6) | -8.6               | 9.7           | -              | +6000         | -            | -              | RNP1                     |
| 003                                      | TF              | TSUNO               | -        | 111<br>(102.7) | -8.6               | 43.5          | -              | +10000        | -            | -              | RNP1                     |
| CHANGE : PROC renamed. PROC course. VAR. |                 |                     |          |                |                    |               |                |               |              |                |                          |

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

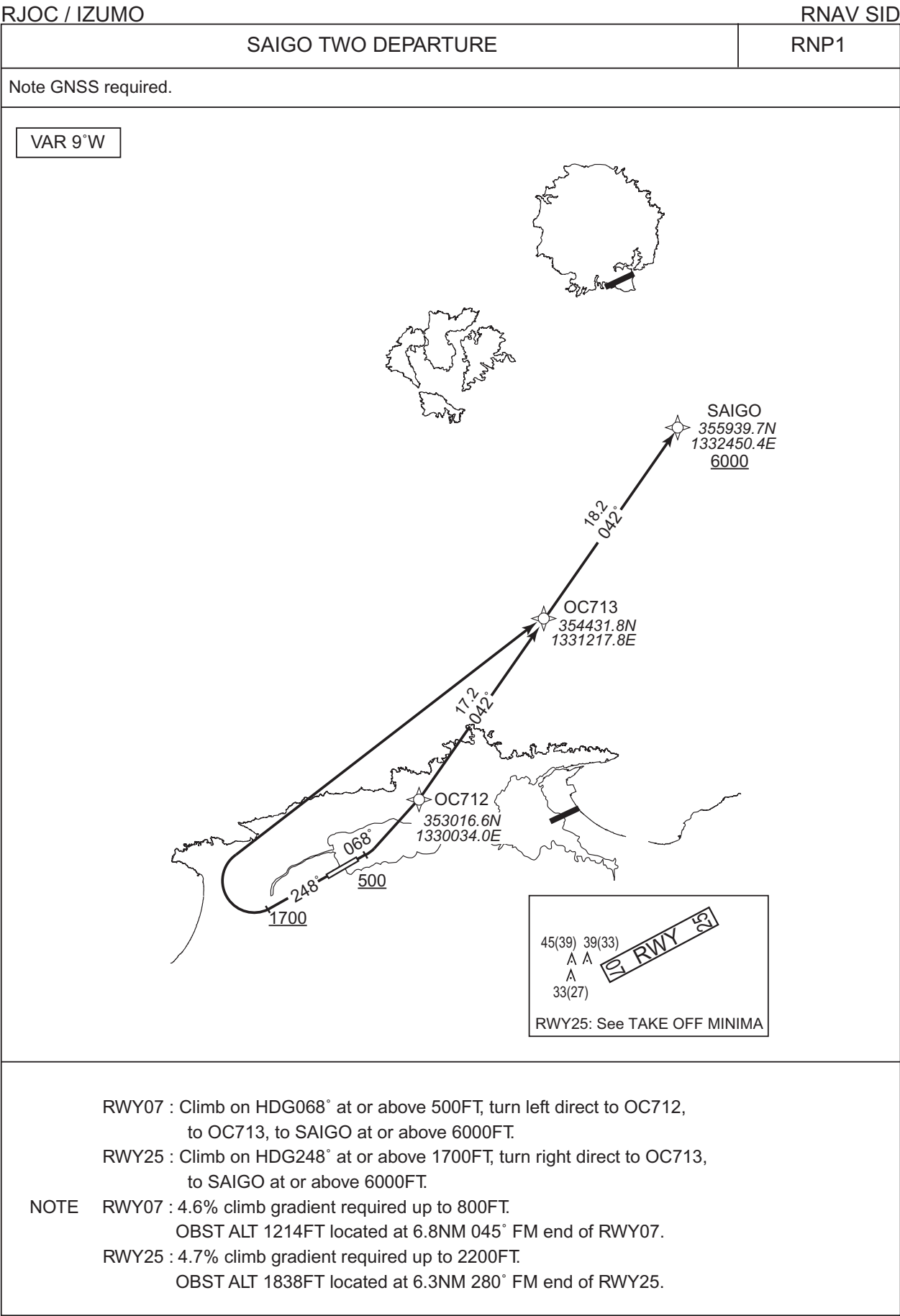
RJOC / IZUMO

RNAV SID

| TAKHI TWO 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              | -                   | -        | 068<br>(059.3) | -8.6               | -             | -              | +500          | -            | -              | RNP1                     |
| 002                 | DF              | OC711               | -        | -              | -8.6               | -             | L              | -             | -            | -              | RNP1                     |
| 003                 | TF              | TAKHI               | -        | 021<br>(012.3) | -8.6               | 18.4          | -              | +3000         | -            | -              | 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              | -                   | -        | 248<br>(239.3) | -8.6               | -             | -              | +1700         | -            | -              | RNP1                     |
| 002                 | DF              | OC711               | -        | -              | -8.6               | -             | R              | -             | -            | -              | RNP1                     |
| 003                 | TF              | TAKHI               | -        | 021<br>(012.3) | -8.6               | 18.4          | -              | +3000         | -            | -              | RNP1                     |

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : PROC renamed. PROC course. VAR.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO TWO 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              | -                   | -        | 068<br>(059.3) | -8.6               | -             | -              | +500          | -            | -              | RNP1                     |
| 002           | DF              | OC712               | -        | -              | -8.6               | -             | L              | -             | -            | -              | RNP1                     |
| 003           | TF              | OC713               | -        | 042<br>(033.7) | -8.6               | 17.2          | -              | -             | -            | -              | RNP1                     |
| 004           | TF              | SAIGO               | -        | 042<br>(033.8) | -8.6               | 18.2          | -              | +6000         | -            | -              | 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              | -                   | -        | 248<br>(239.3) | -8.6               | -             | -              | +1700         | -            | -              | RNP1                     |
| 002           | DF              | OC713               | -        | -              | -8.6               | -             | R              | -             | -            | -              | RNP1                     |
| 003           | TF              | SAIGO               | -        | 042<br>(033.8) | -8.6               | 18.2          | -              | +6000         | -            | -              | RNP1                     |

CHANGE : PROC renamed. PROC course. VAR.

RJOC / IZUMO
RNAV SID and TRANSITION

|   |             |
|---|-------------|
| <b>KYOKA TWO DEPARTURE</b><br><b>CARPS TRANSITION</b> | <b>RNP1</b> |
|---|-------------|

Note GNSS required.

VAR 9°W

45(39) 39(33)  
 A A  
 A  
 33(27)  
**RWY 25**  
 RWY25: See TAKE OFF MINIMA

|                            |   |
|----------------------------|---|
| <b>KYOKA TWO DEPARTURE</b> | RWY07 : Climb on HDG068° at or above 500FT, turn left direct to OC715, to OC716, to KYOKA at or above 5000FT.<br>RWY25 : Climb on HDG248° at or above 1600FT, turn left direct to KYOKA at or above 5000FT.                   |
| <b>NOTE</b>                | RWY07 : 4.6% climb gradient required up to 1800FT.<br>OBST ALT 1739FT located at 6.3NM 281° FM end of RWY07.<br>RWY25 : 3.8% climb gradient required up to 2400FT.<br>OBST ALT 1969FT located at 10.8NM 223° FM end of RWY25. |

|                         |  |
|-------------------------|--|
| <b>CARPS TRANSITION</b> | From KYOKA, to CARPS at or above 7000FT. |
|-------------------------|--|

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

KYOKA TWO 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              | -                   | -        | 068<br>(059.3) | -8.6               | -             | -              | +500          | -            | -              | RNP1                     |
| 002           | DF              | OC715               | -        | -              | -8.6               | -             | L              | -             | -            | -              | RNP1                     |
| 003           | TF              | OC716               | -        | 248<br>(239.3) | -8.6               | 4.0           | -              | -             | -            | -              | RNP1                     |
| 004           | TF              | KYOKA               | -        | 162<br>(153.6) | -8.6               | 16.4          | -              | +5000         | -            | -              | RNP1                     |

RWY25

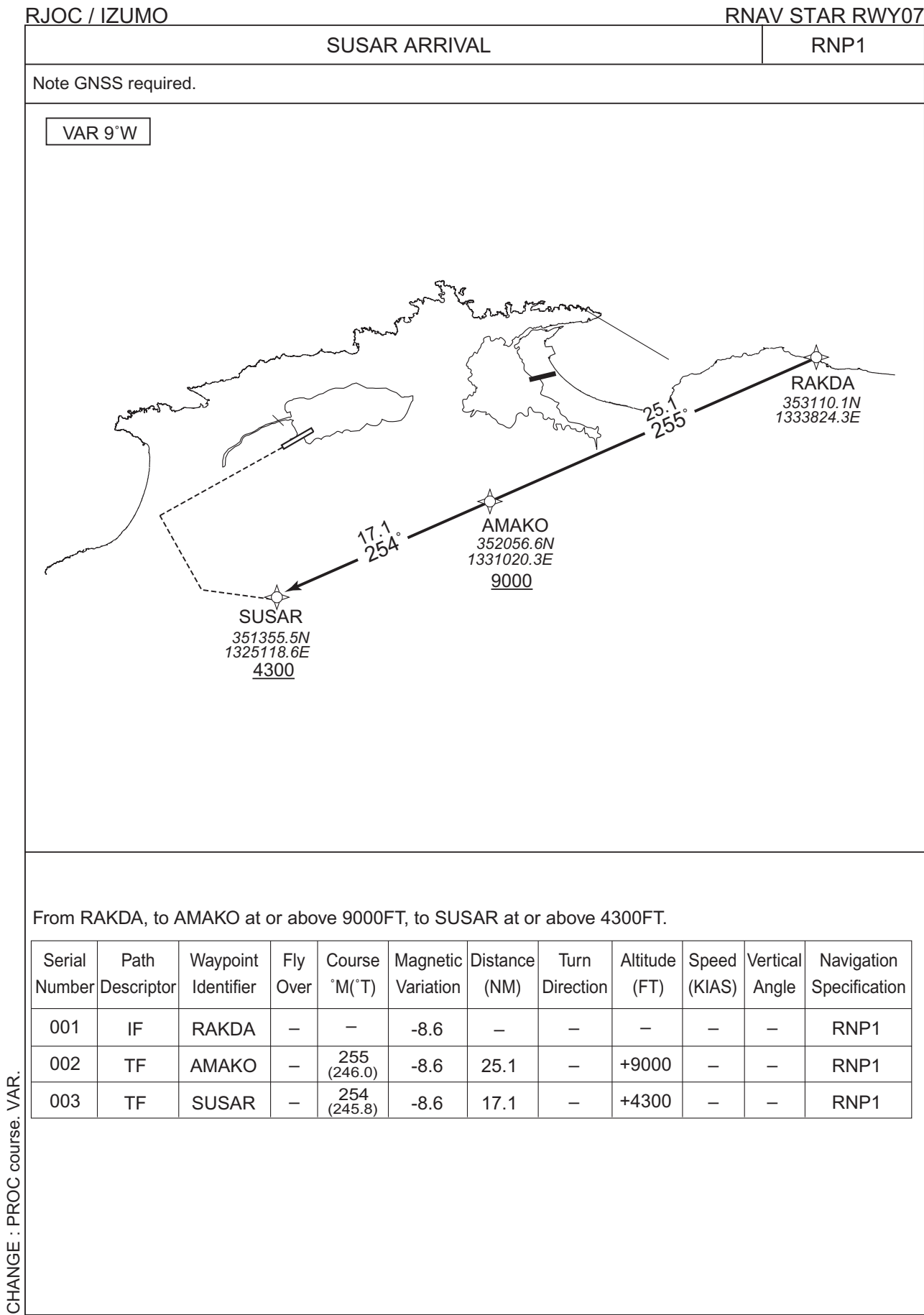
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                   | -        | 248<br>(239.3) | -8.6               | -             | -              | +1600         | -            | -              | RNP1                     |
| 002           | DF              | KYOKA               | -        | -              | -8.6               | -             | L              | +5000         | -            | -              | RNP1                     |

CARPS TRANSITION

| 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              | KYOKA               | -        | -              | -8.6               | -             | -              | +5000         | -            | -              | RNP1                     |
| 002           | TF              | CARPS               | -        | 217<br>(208.4) | -8.6               | 52.7          | -              | +7000         | -            | -              | RNP1                     |

CHANGE : PROC renamed. PROC course. VAR.

STANDARD ARRIVAL CHART - INSTRUMENT



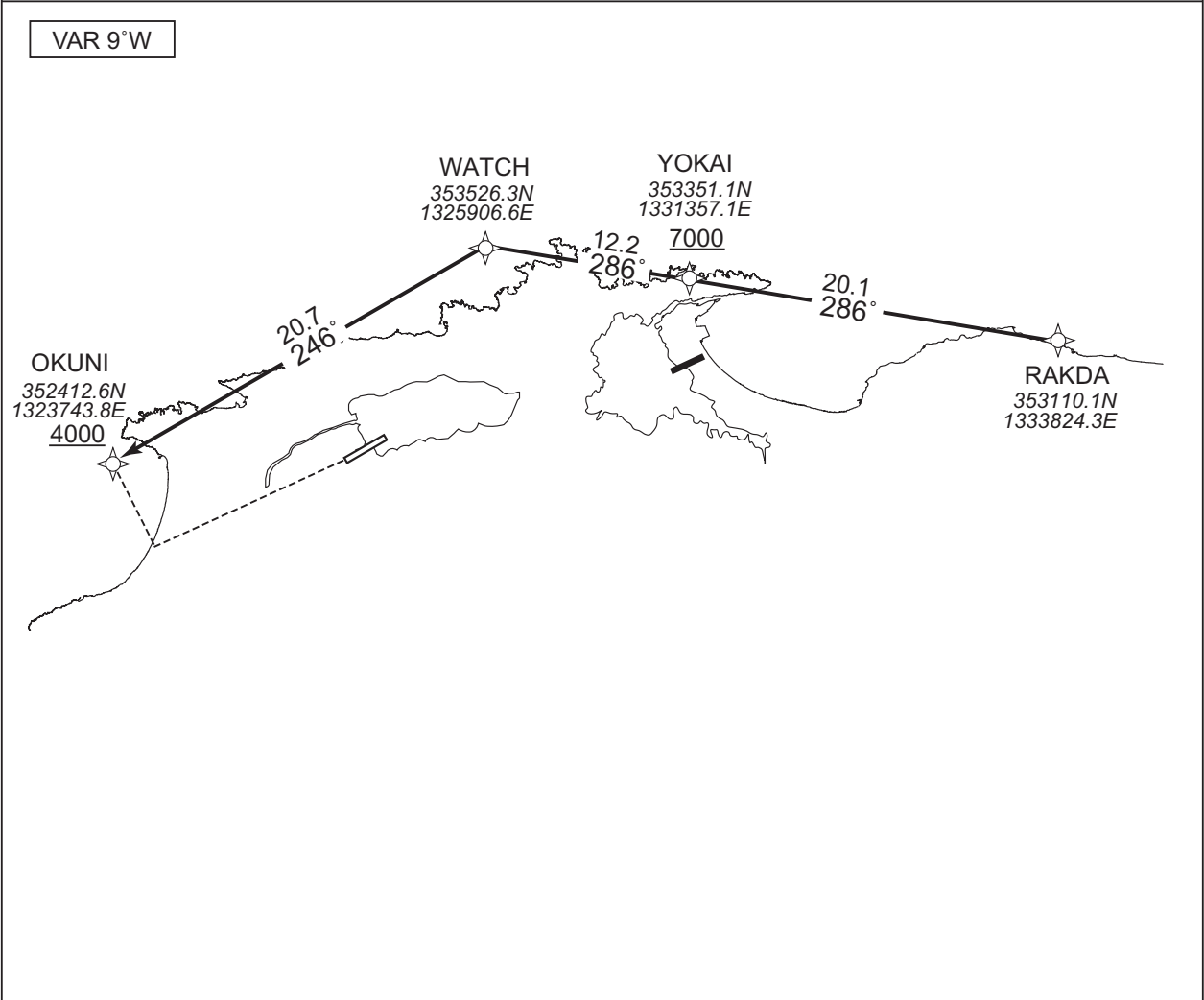
STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

RNAV STAR RWY07

|               |      |
|---------------|------|
| OKUNI ARRIVAL | RNP1 |
|---------------|------|

Note GNSS required.

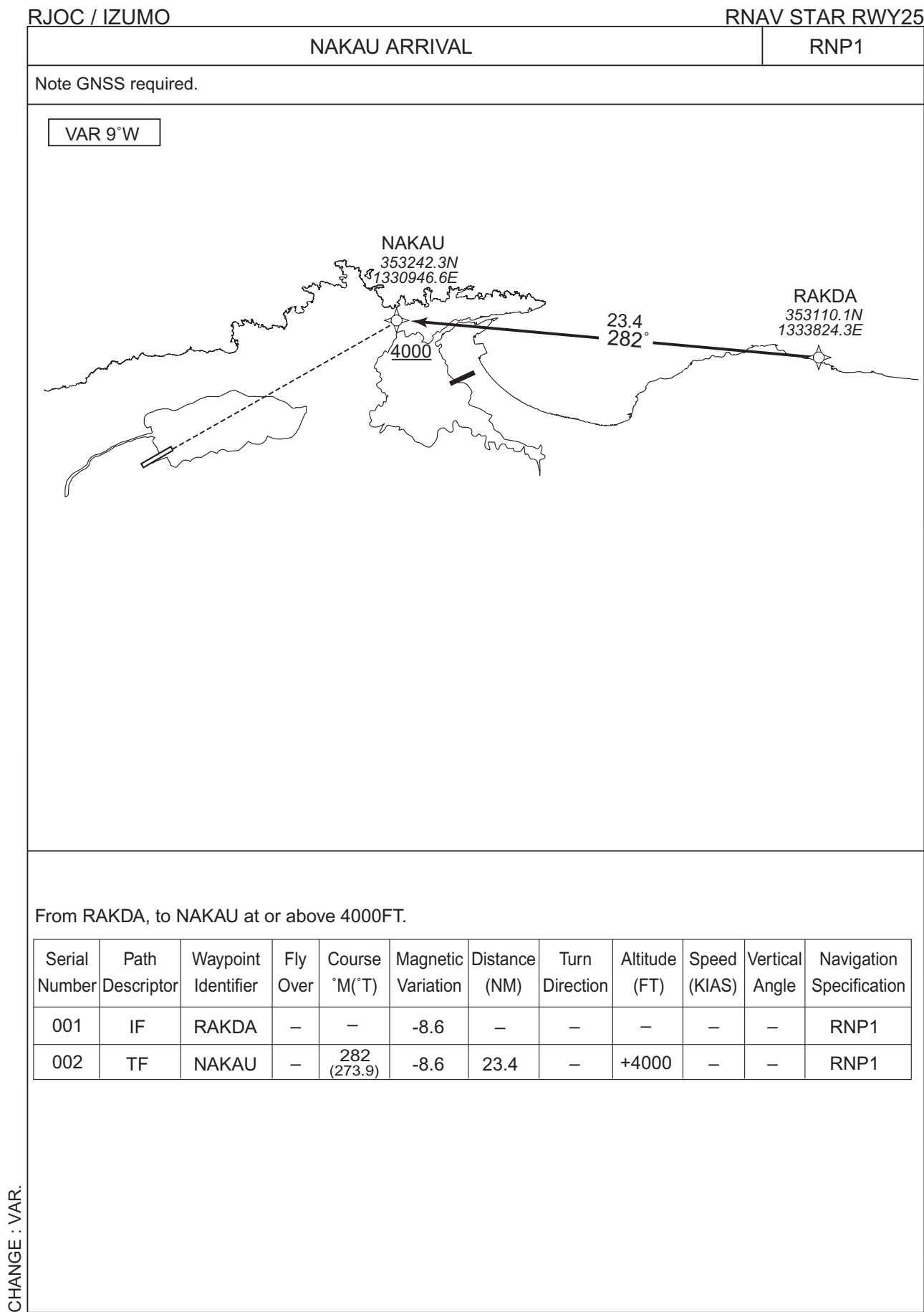


From RAKDA, to YOKAI at or above 7000FT, to WATCH, to OKUNI at or above 4000FT.

| 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              | RAKDA               | —        | —             | -8.6               | —             | —              | —             | —            | —              | RNP1                     |
| 002           | TF              | YOKAI               | —        | 286 (277.8)   | -8.6               | 20.1          | —              | +7000         | —            | —              | RNP1                     |
| 003           | TF              | WATCH               | —        | 286 (277.6)   | -8.6               | 12.2          | —              | —             | —            | —              | RNP1                     |
| 004           | TF              | OKUNI               | —        | 246 (237.3)   | -8.6               | 20.7          | —              | +4000         | —            | —              | RNP1                     |

CHANGE : PROC course. VAR.

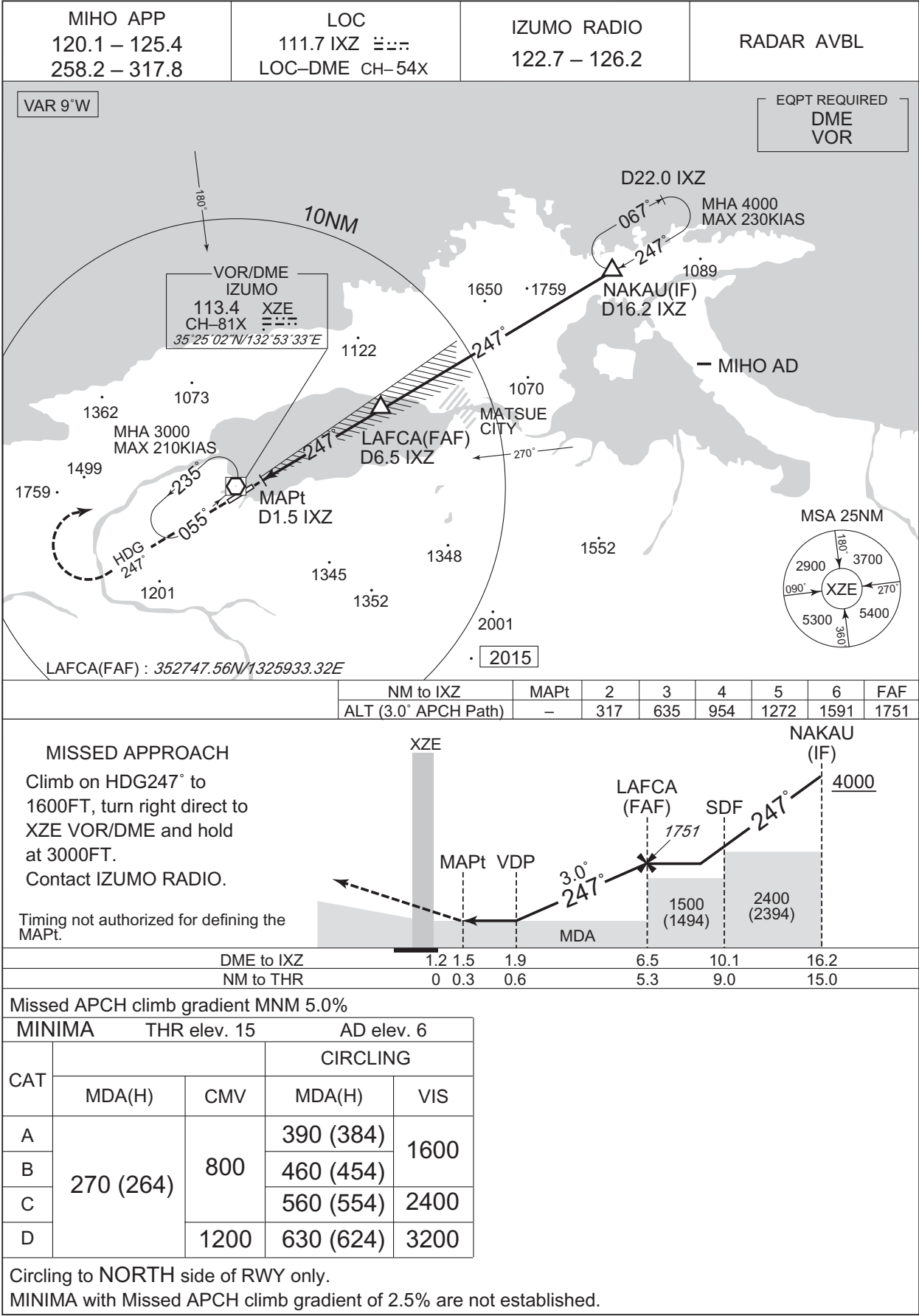
STANDARD ARRIVAL CHART - INSTRUMENT



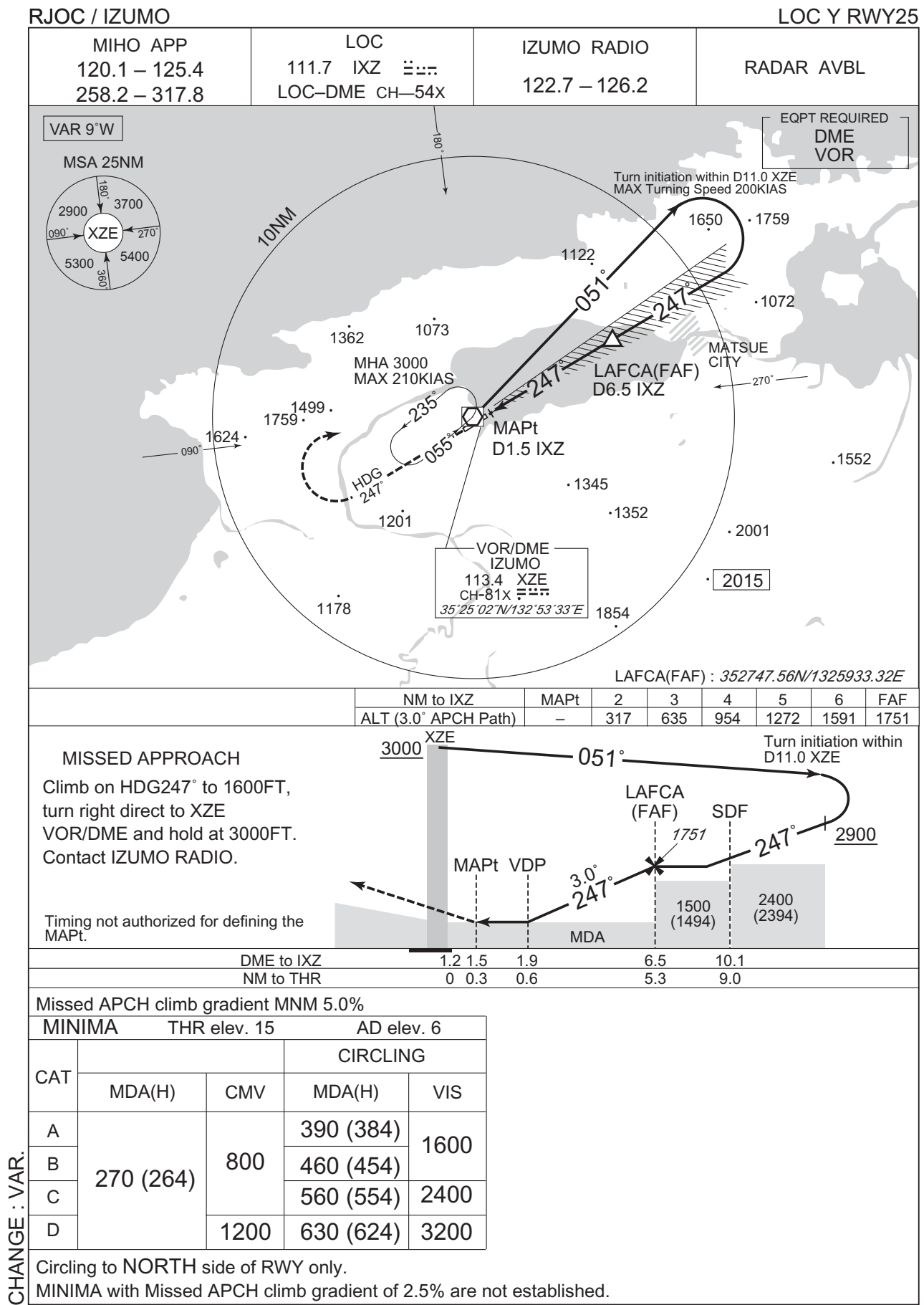
INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Z RWY25



INSTRUMENT APPROACH CHART



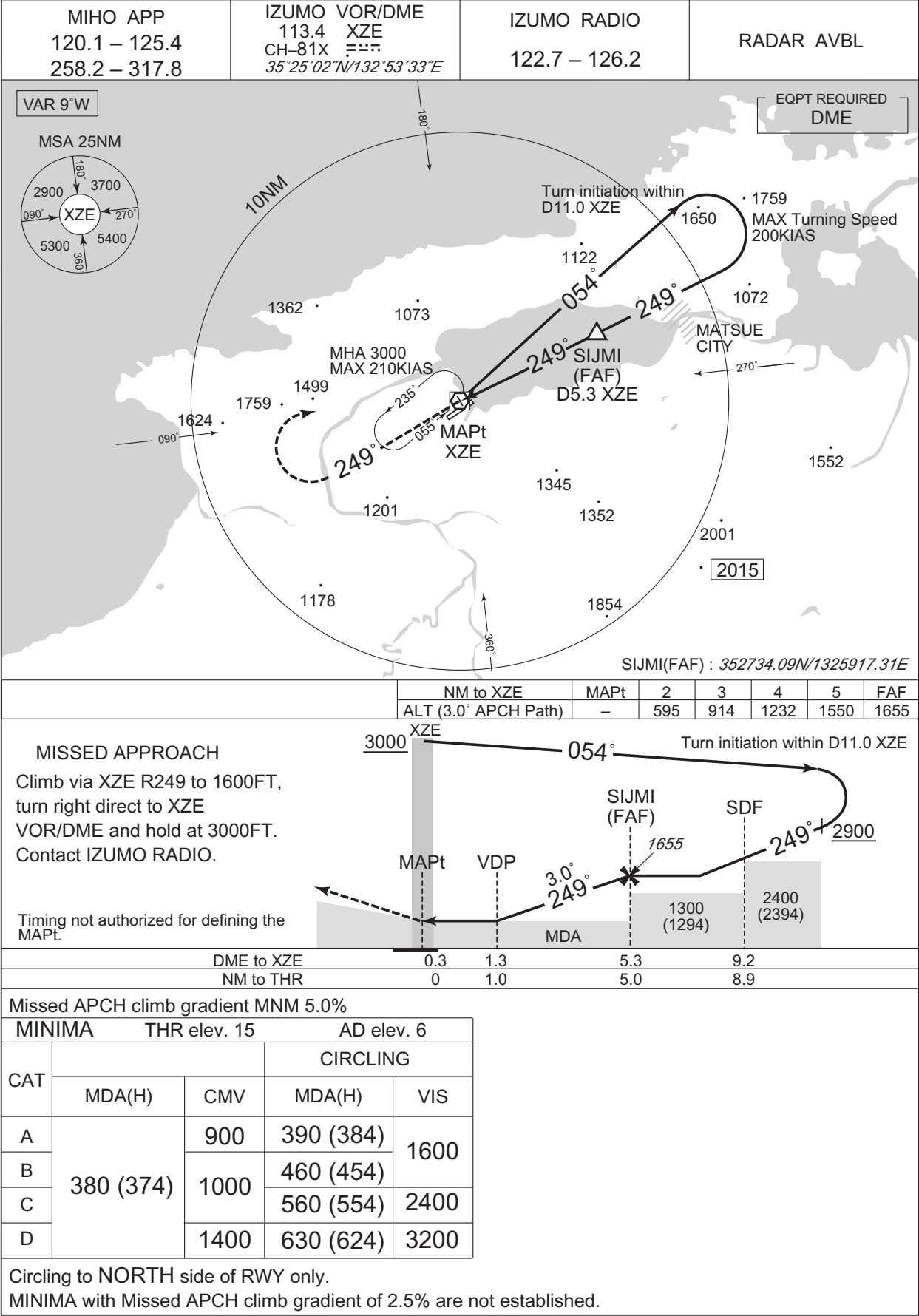
CHANGE : VAR.



INSTRUMENT APPROACH CHART

RJOC / IZUMO

VOR RWY25



## RJOC / IZUMO

|   |   |                                     |                   |
|---|---|-------------------------------------|-------------------|
| <b>MIHO APP</b><br>120.1 – 125.4<br>258.2 – 317.8 | <b>RNP APCH</b><br>MSAS CH80943<br>M07A | <b>IZUMO RADIO</b><br>122.7 – 126.2 | <b>RADAR AVBL</b> |
|---|---|-------------------------------------|-------------------|

Baro-VNAV not authorized below -10°C

**VAR 9°W**

|        |             |
|--------|-------------|
| OKUNI  | 352412.59N  |
| (IAF)  | 1323743.79E |
| SUSAR  | 351355.52N  |
| (IAF)  | 1325118.61E |
| ENMUH  | 351352.39N  |
|        | 1324512.46E |
| OC750  | 351627.49N  |
|        | 1324320.47E |
| SUBIE  | 351902.56N  |
| (IF)   | 1324128.37E |
| ENYAH  | 352135.67N  |
| (FAF)  | 1324643.83E |
| OC751  | 352255.02N  |
|        | 1324927.62E |
| RW07   | 352432.83N  |
| (MAPt) | 1325249.80E |
| OC753  | 352751.24N  |
| (MATF) | 1325940.95E |
| IZUMO  | 352502.06N  |
| (XZE)  | 1325332.54E |
| (MAHF) |             |

**Using NAVAID**

MHA 4000  
Maximum holding altitude 6000  
MAX 210KIAS

**Using NAVAID**

MHA 4300  
Maximum holding altitude 7000  
MAX 210KIAS

|                  |                         |                         |                         |                         |                         |
|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>RNAV HLDG</b> | MHA 3000<br>MAX 210KIAS | MHA 4000<br>MAX 210KIAS | MHA 4300<br>MAX 210KIAS | MHA 4000<br>MAX 210KIAS | MHA 4300<br>MAX 210KIAS |
|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|

|                      |      |      |      |      |     |      |
|----------------------|------|------|------|------|-----|------|
| NM to Next Fix       | FAF  | 5    | 4    | 3    | 2   | MAPt |
| ALT (3.0° APCH Path) | 1900 | 1647 | 1329 | 1010 | 692 | -    |

**MISSED APPROACH**

Direct to **OC753**, turn left,  
direct to **XZE** and hold at 3000FT.  
Contact **IZUMO RADIO**.

**MISSED APCH climb gradient MNM 5.0%**

| MINIMA | THR elev. 6 | AD elev. 6 |
|--------|-------------|------------|
| CAT    | LPV         | CIRCLING   |
|        | DA(H)       | MDA(H)     |
| A      | 256 (250)   | 480 (474)  |
| B      | 1500        | 560 (554)  |
| C      | 1600        | 630 (624)  |
| D      | 1800        | 3200       |

INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNP RWY07

FAS DATA BLOCK

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00360        |
| SBAS service provider identifier | 2             | FPAP latitude              | 352505.7945N  |
| Airport identifier               | RJOC          | FPAP longitude             | 1325358.0770E |
| Runway                           | 07            | 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                | M07A          | ∟ length offset            | 0000          |
| LTP/FTP latitude                 | 352432.8070N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1325249.8095E | VAL                        | 50.0          |
| CRC remainder                    | 30102B24      |                            |               |

Required additional data

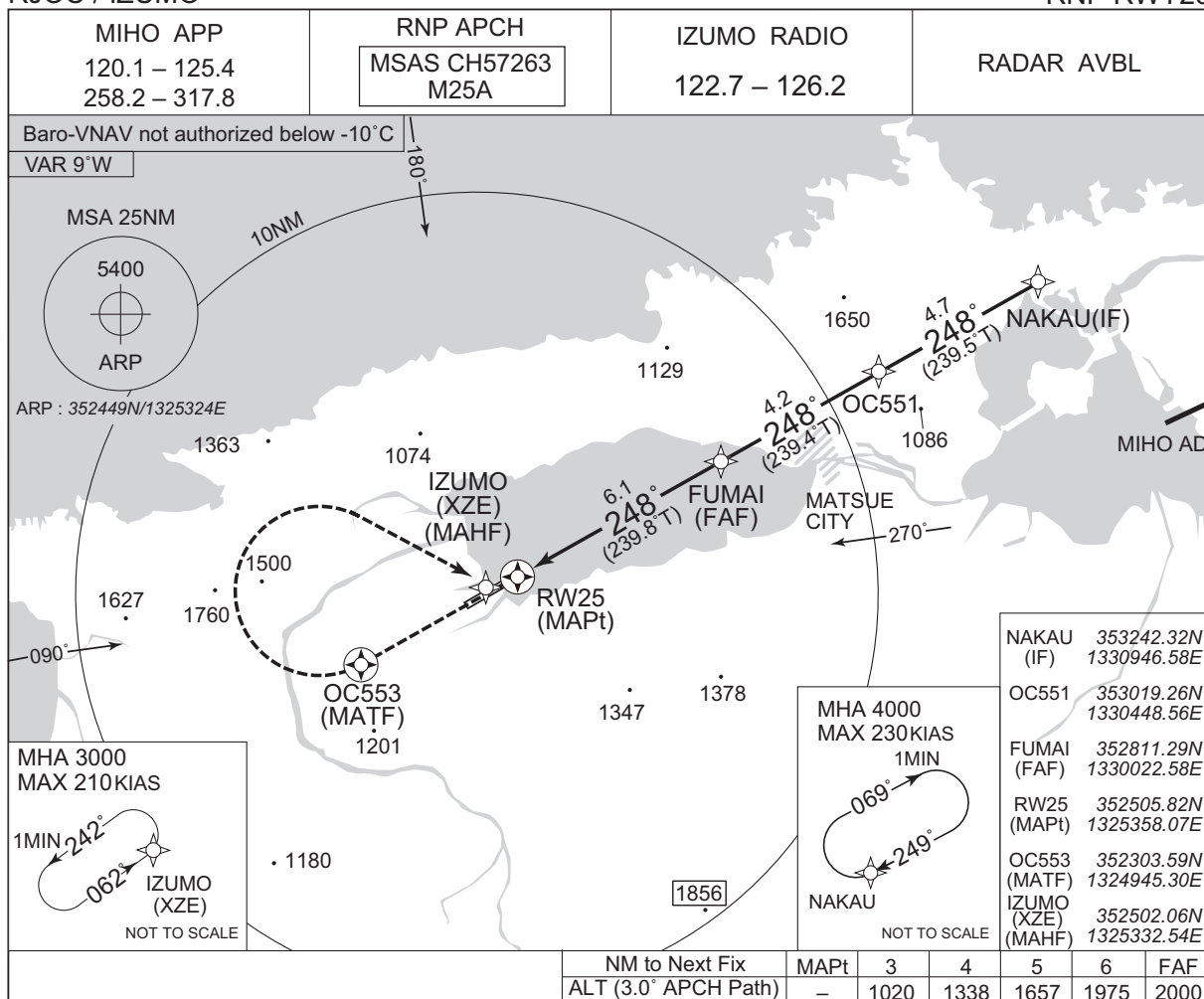
|                            |     |
|----------------------------|-----|
| LTP/FTP orthometric height | 1.4 |
|----------------------------|-----|

CHANGE : FAS DATA BLOCK, Required additional data established.

## INSTRUMENT APPROACH CHART

RJOC / IZUMO

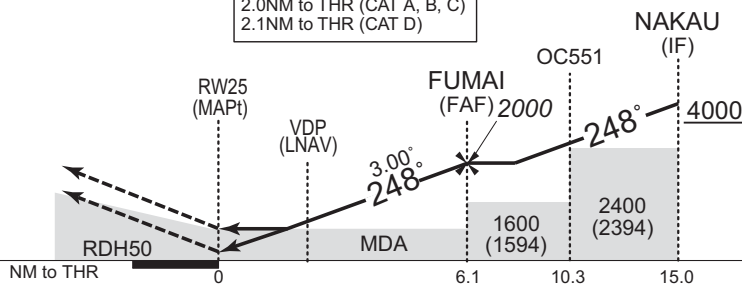
RNP RWY25



## MISSED APPROACH

Direct to OC553, turn right,  
direct to XZE and hold at 3000FT.  
Contact IZUMO RADIO.

VDP  
2.0NM to THR (CAT A, B, C)  
2.1NM to THR (CAT D)



Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev. 15 |           |           |           | AD elev. 6 |           |      |
|--------|-----------|--------------|-----------|-----------|-----------|------------|-----------|------|
| CAT    | LPV       |              | LNAV/VNAV |           | LNAV      |            | CIRCLING  |      |
|        | DA(H)     | CMV          | DA(H)     | CMV       | MDA(H)    | CMV        | MDA(H)    | VIS  |
| A      | 265 (250) | 800          | 370 (355) | 900       | 670 (664) | 1200       | 670 (664) | 1600 |
| B      |           |              |           | 1000      |           | 1400       |           | 2400 |
| C      |           |              |           | 1200      |           | 1800       |           | 3200 |
| D      |           |              |           | 405 (390) | 710 (704) | 1800       | 710 (704) | 3200 |

Circling to NORTH side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : DIST FM FUMAI to RWY25 in plan view.

CHANGE : FAS DATA BLOCK, Required additional data established.

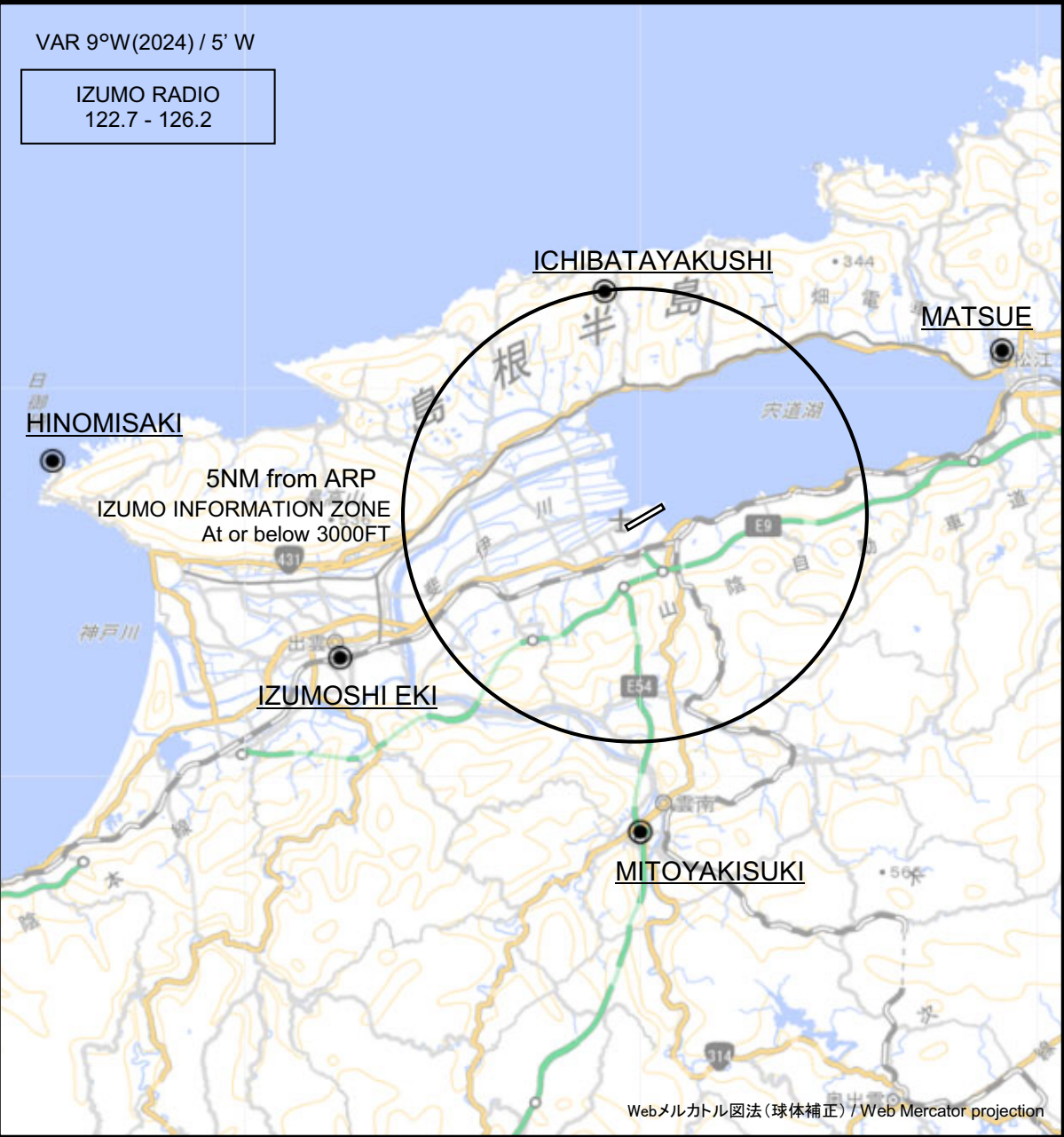
RNP RWY25

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00389        |
| SBAS service provider identifier | 2             | FPAP latitude              | 352432.8070N  |
| Airport identifier               | RJOC          | FPAP longitude             | 1325249.8095E |
| Runway                           | 25            | 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                | M25A          | ∟ length offset            | 0000          |
| LTP/FTP latitude                 | 352505.7945N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1325358.0770E | VAL                        | 50.0          |
| CRC remainder                    | F401BF48      |                            |               |

|                            |     |
|----------------------------|-----|
| LTP/FTP orthometric height | 4.3 |
|----------------------------|-----|

RJOC / IZUMO

Visual REP

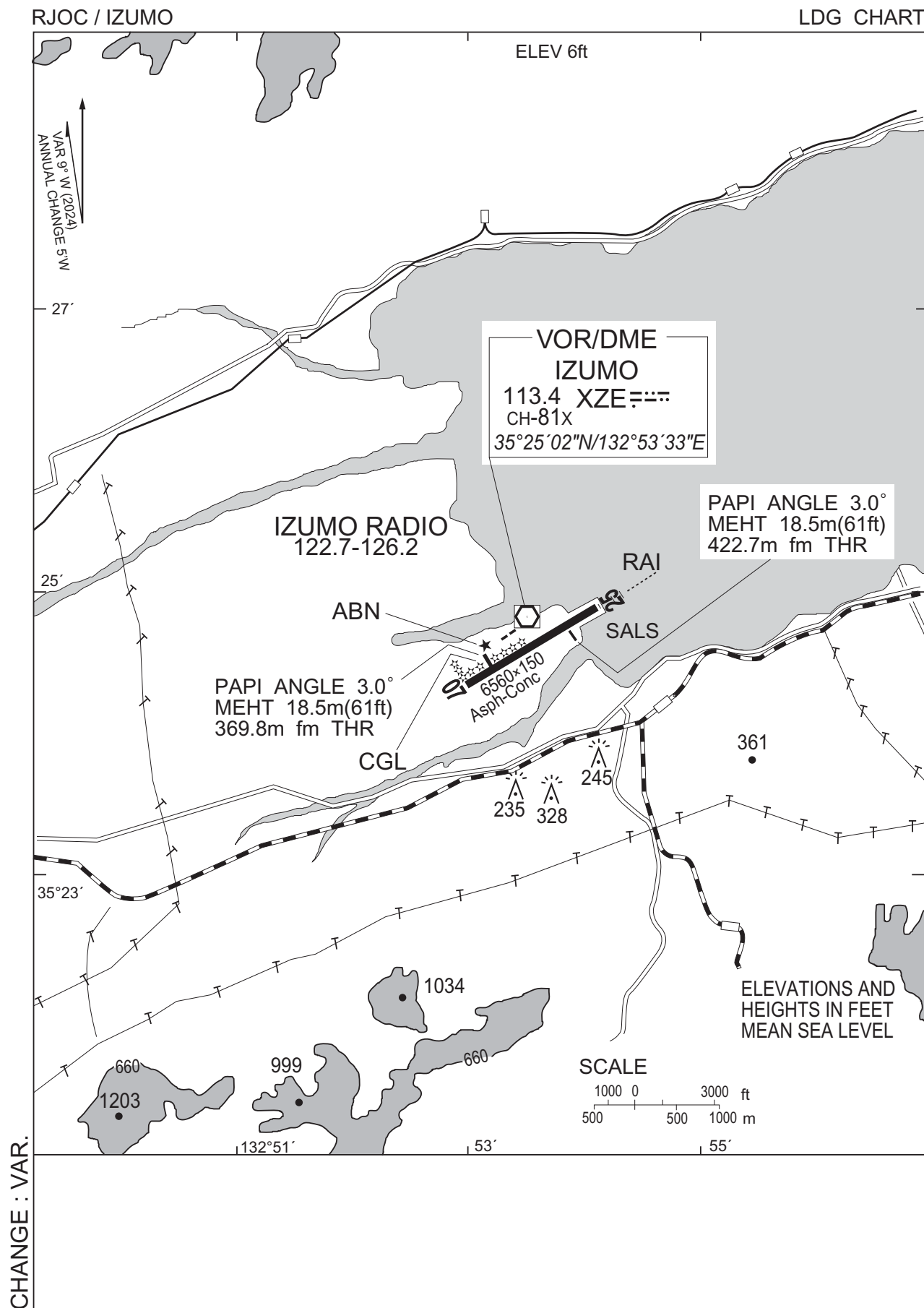


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : VAR.

| Call sign               | BRG / DIST from ARP | Remarks           |
|-------------------------|---------------------|-------------------|
| 一畑薬師<br>Ichibatayakushi | 351°T / 5.0NM       | 寺<br>Temple       |
| 松江<br>Matsue            | 064°T / 8.7NM       | 城<br>Castle       |
| 日御碕<br>Hinomisaki       | 275°T / 12.8NM      | 灯台<br>Lighthouse  |
| 出雲市駅<br>Izumoshi Eki    | 244°T / 7.2NM       | JR駅<br>Station    |
| 三刀屋木次<br>Mitoyakisuki   | 180°T / 7.0NM       | IC<br>Interchange |

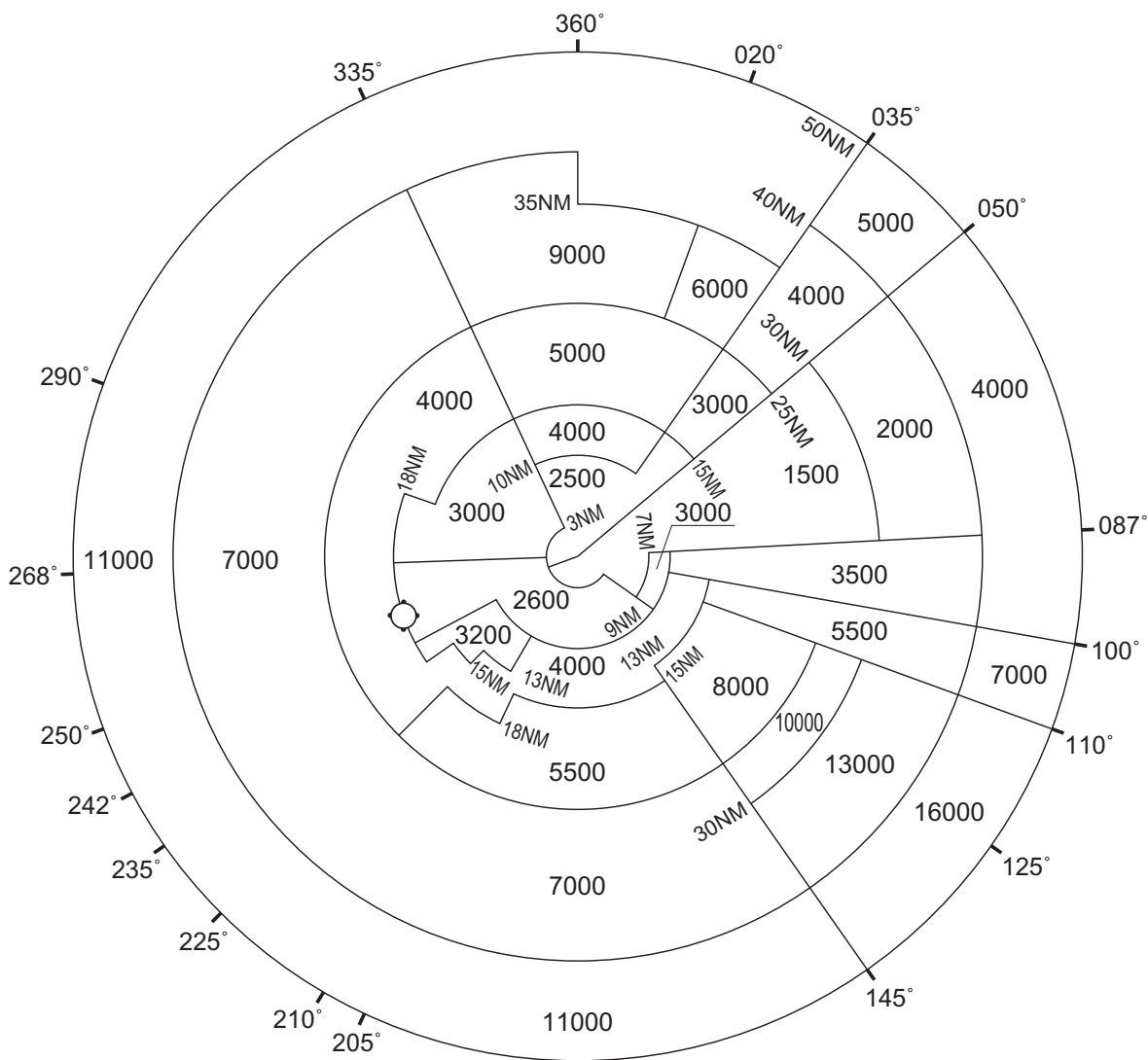




RJOC / IZUMO

Minimum Vectoring Altitude CHART

VAR 9°W (2024)



CENTER: 353003N/1331413E (RJOC RADAR SITE)

CHANGE : VAR.