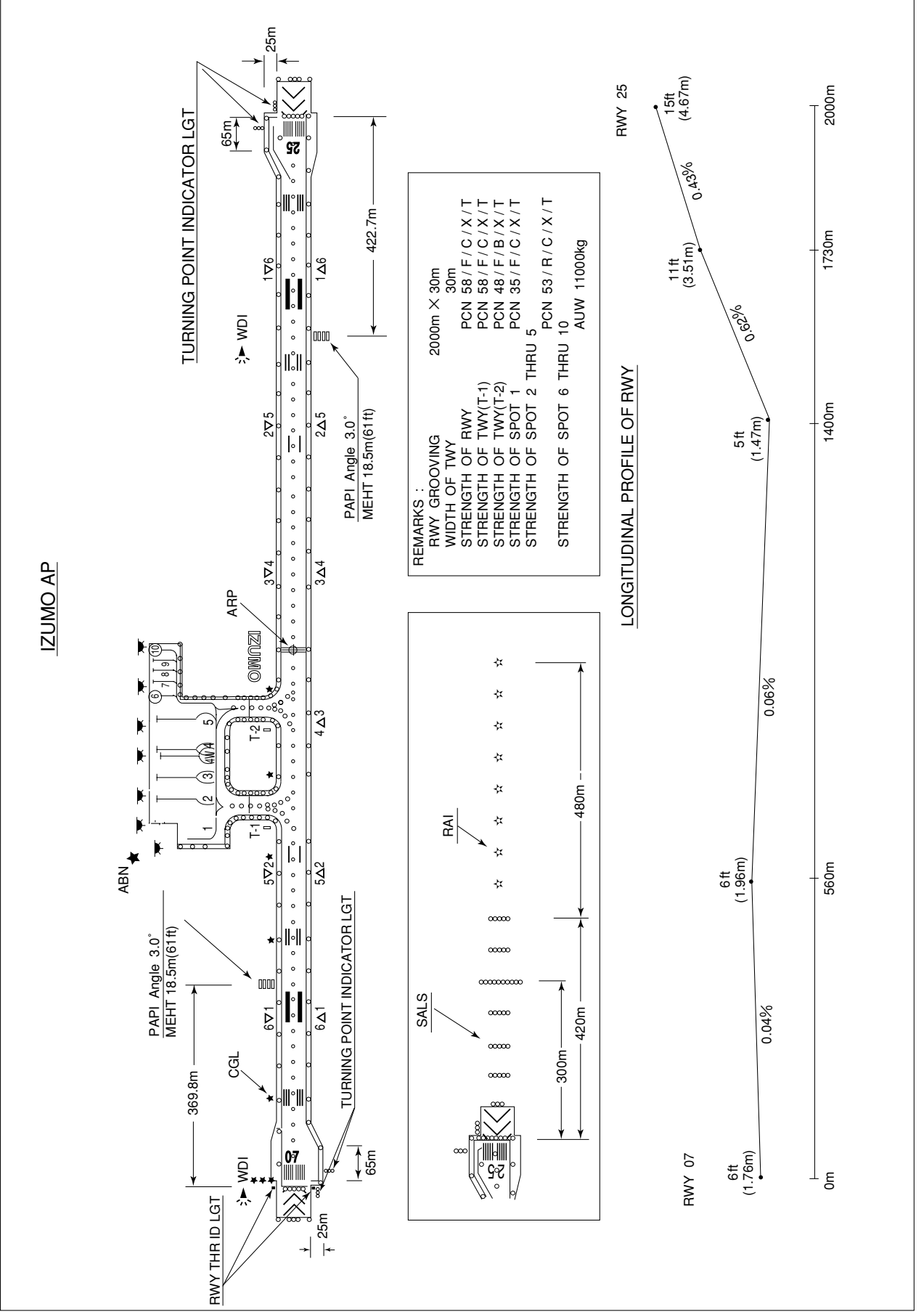


RJOC / IZUMO

AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

DOZEN FOUR 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(OIE R213) to DOZEN.

Cross DOZEN at or above 5000FT.

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

OBST ALT 1074FT located at 4.8NM 028° FM end of RWY07.

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

OBST ALT 1838FT located at 6.3NM 279° FM end of RWY25.



## 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.

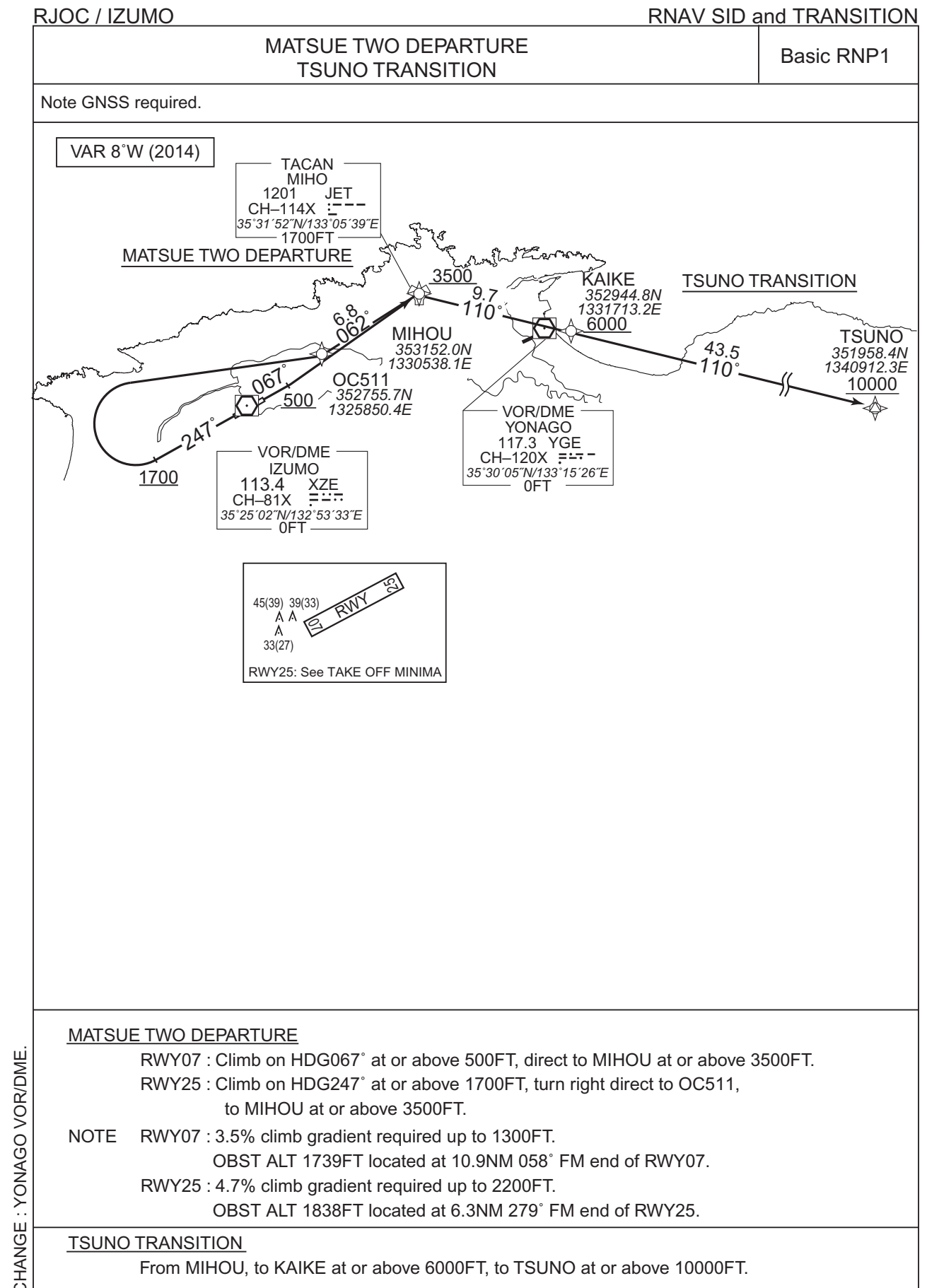
OBST ALT 1074FT located at 4.8NM 028° FM end of RWY07.

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

OBST ALT 1838FT located at 6.3NM 279° FM end of RWY25.

IZUMO REVERSAL FOUR DEPARTURE

## STANDARD DEPARTURE CHART - INSTRUMENT



## STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

MATSUE 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              | —                   | —        | 067<br>(059.3) | -7.6               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | MIHOU               | —        | —              | -7.6               | —             | —              | +3500         | —            | —              | Basic RNP1               |

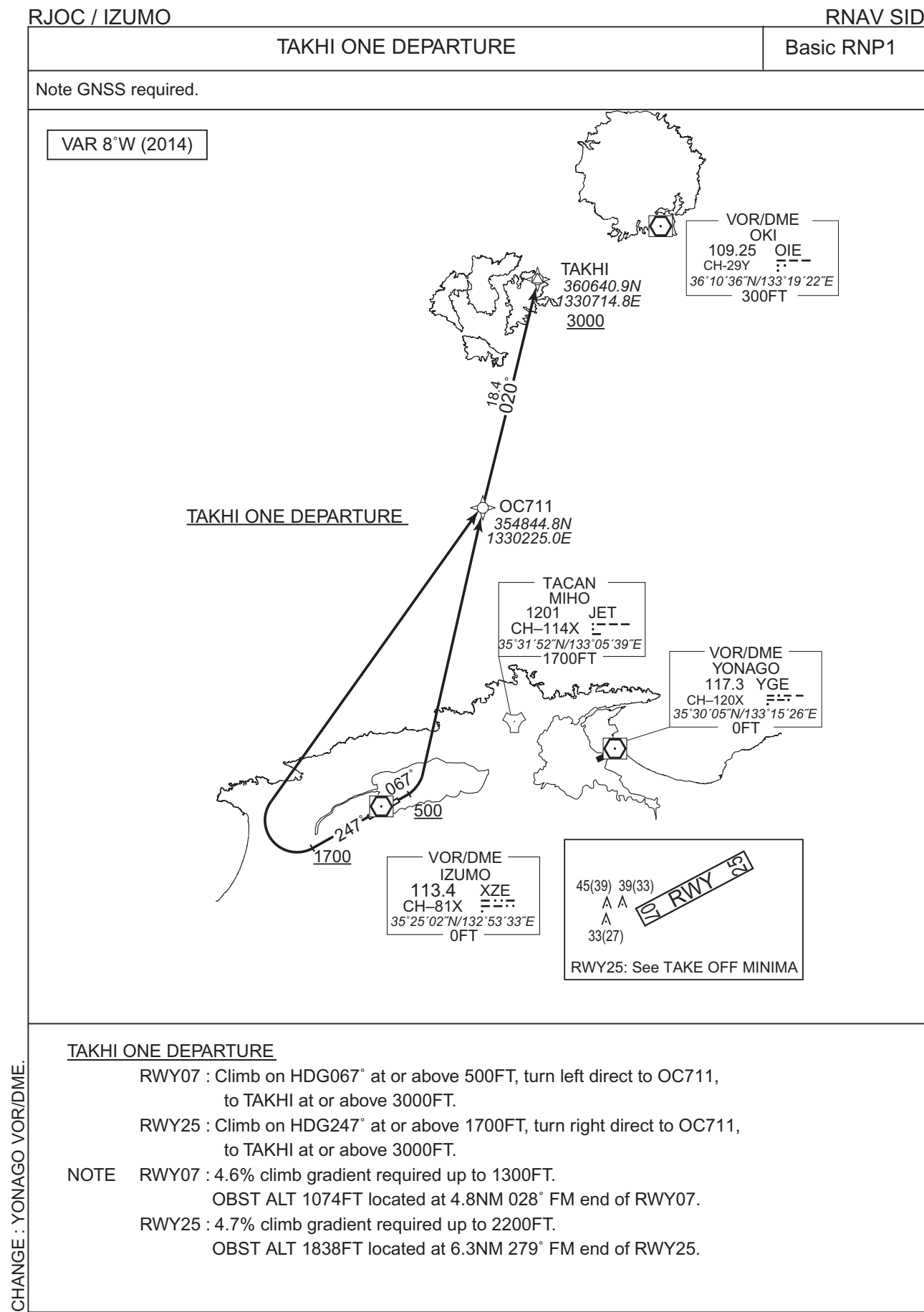
## RWY25

| 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              | —                   | —        | 247<br>(239.3) | -7.6               | —             | —              | +1700         | —            | —              | Basic RNP1               |
| 002           | DF              | OC511               | —        | —              | -7.6               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | MIHOU               | —        | 062<br>(054.5) | -7.6               | 6.8           | —              | +3500         | —            | —              | Basic 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               | —        | —              | -7.6               | —             | —              | +3500         | —            | —              | Basic RNP1               |
| 002           | TF              | KAIKE               | —        | 110<br>(102.6) | -7.6               | 9.7           | —              | +6000         | —            | —              | Basic RNP1               |
| 003           | TF              | TSUNO               | —        | 110<br>(102.7) | -7.6               | 43.5          | —              | +10000        | —            | —              | Basic RNP1               |

STANDARD DEPARTURE CHART - INSTRUMENT



## STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

TAKHI ONE DEPARTURE

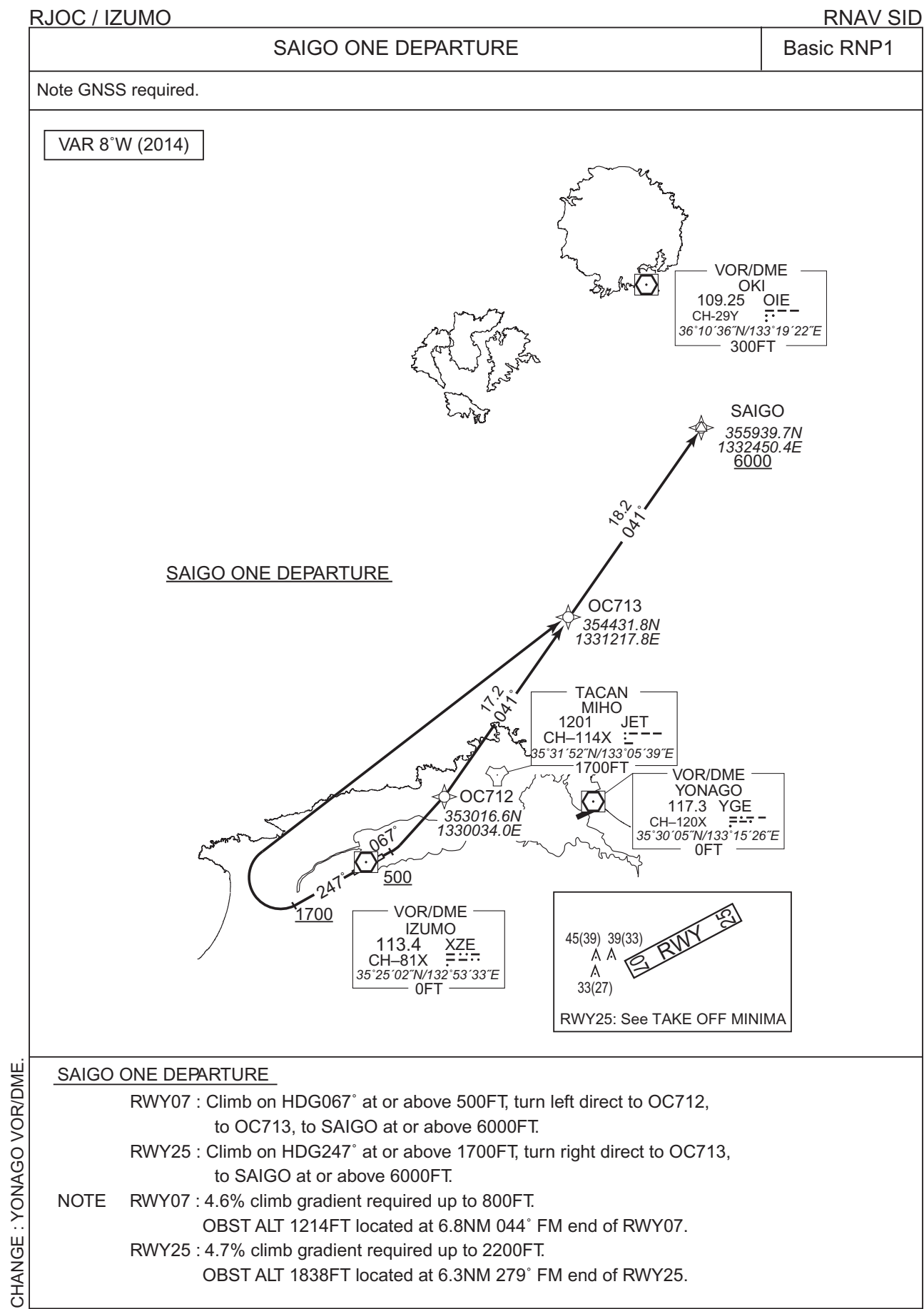
## RWY07

| 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              | —                   | —        | 067<br>(059.3) | -7.6               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | OC711               | —        | —              | -7.6               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | TAKHI               | —        | 020<br>(012.3) | -7.6               | 18.4          | —              | +3000         | —            | —              | 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              | —                   | —        | 247<br>(239.3) | -7.6               | —             | —              | +1700         | —            | —              | Basic RNP1               |
| 002           | DF              | OC711               | —        | —              | -7.6               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | TAKHI               | —        | 020<br>(012.3) | -7.6               | 18.4          | —              | +3000         | —            | —              | Basic RNP1               |

STANDARD DEPARTURE CHART - INSTRUMENT





## STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO ONE DEPARTURE

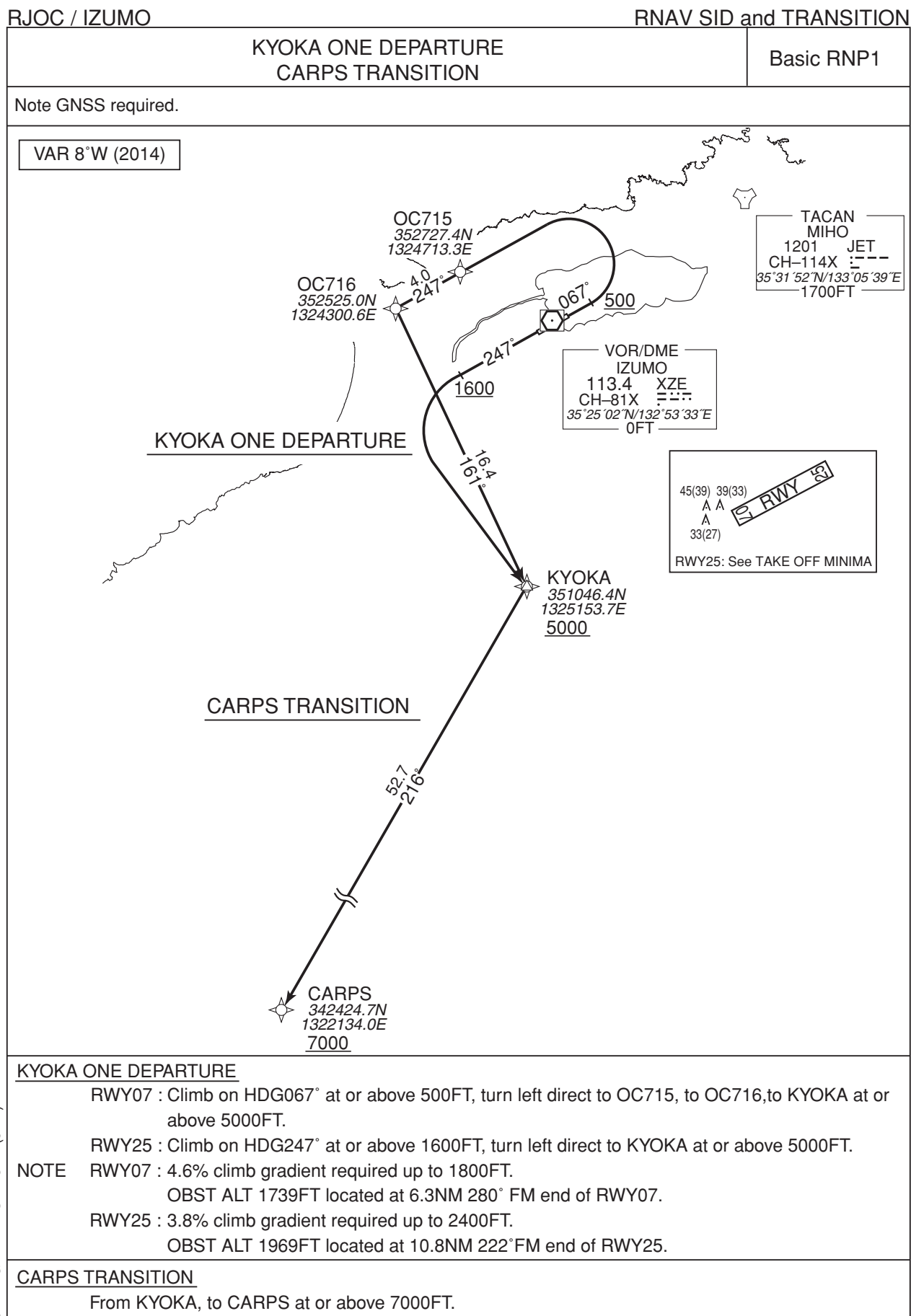
## RWY07

| 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              | —                   | —        | 067<br>(059.3) | -7.6               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | OC712               | —        | —              | -7.6               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | OC713               | —        | 041<br>(033.7) | -7.6               | 17.2          | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | SAIGO               | —        | 041<br>(033.8) | -7.6               | 18.2          | —              | +6000         | —            | —              | 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              | —                   | —        | 247<br>(239.3) | -7.6               | —             | —              | +1700         | —            | —              | Basic RNP1               |
| 002           | DF              | OC713               | —        | —              | -7.6               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | SAIGO               | —        | 041<br>(033.8) | -7.6               | 18.2          | —              | +6000         | —            | —              | Basic RNP1               |

STANDARD DEPARTURE CHART - INSTRUMENT



## STANDARD DEPARTURE CHART - INSTRUMENT

## RJOC / IZUMO

## RNAV SID and TRANSITION

KYOKA 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              | —                   | —        | 067<br>(059.3) | -7.6               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | OC715               | —        | —              | -7.6               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | OC716               | —        | 247<br>(239.3) | -7.6               | 4.0           | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | KYOKA               | —        | 161<br>(153.6) | -7.6               | 16.4          | —              | +5000         | —            | —              | Basic RNP1               |

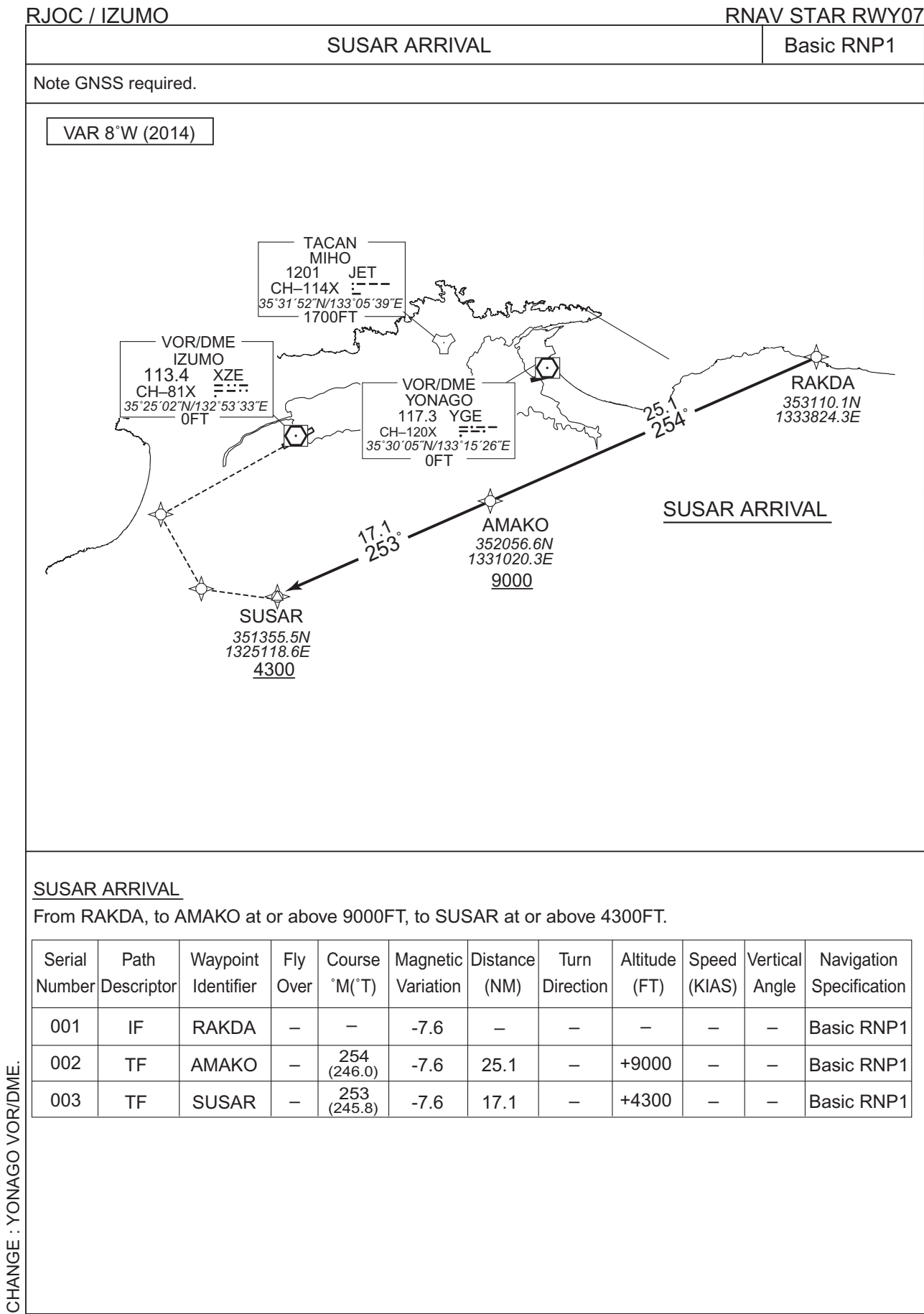
## RWY25

| 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              | —                   | —        | 247<br>(239.3) | -7.6               | —             | —              | +1600         | —            | —              | Basic RNP1               |
| 002           | DF              | KYOKA               | —        | —              | -7.6               | —             | L              | +5000         | —            | —              | Basic 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               | —        | —              | -7.6               | —             | —              | +5000         | —            | —              | Basic RNP1               |
| 002           | TF              | CARPS               | —        | 216<br>(208.4) | -7.6               | 52.7          | —              | +7000         | —            | —              | Basic RNP1               |

STANDARD ARRIVAL CHART - INSTRUMENT



STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

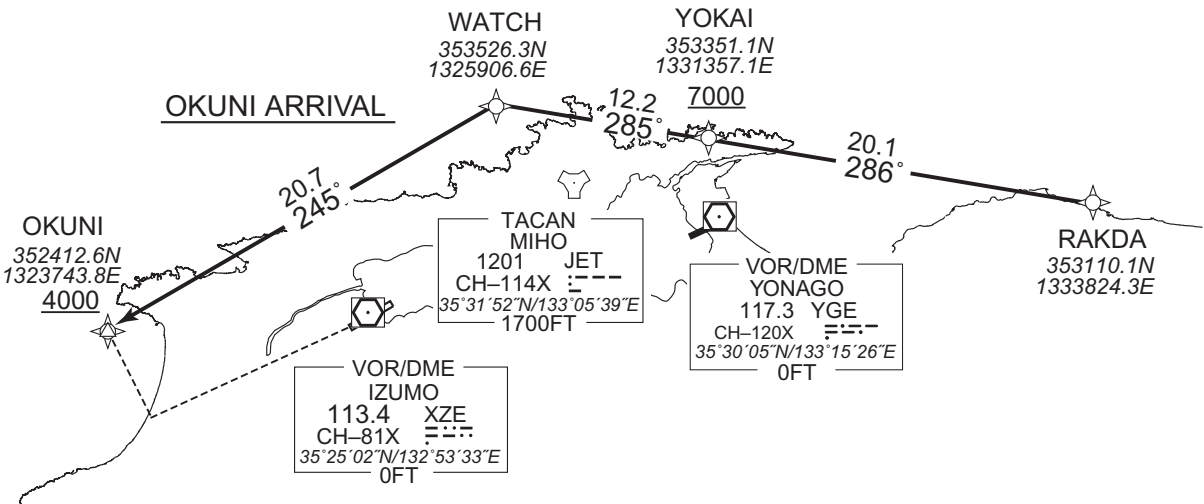
RNAV STAR RWY07

OKUNI ARRIVAL

Basic RNP1

Note GNSS required.

VAR 8°W (2016)



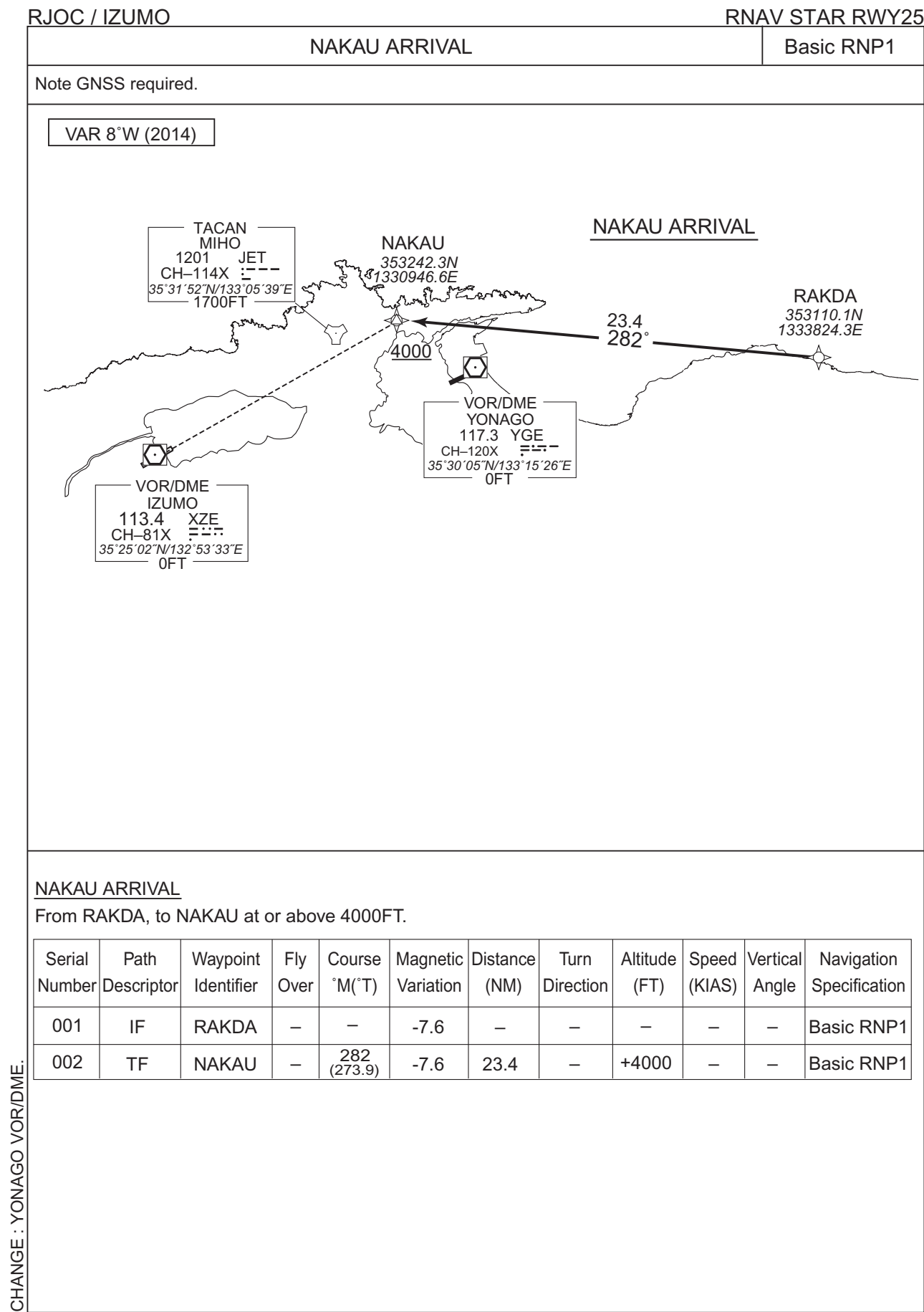
OKUNI ARRIVAL

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               | —        | —             | -7.9               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | YOKAI               | —        | 286 (277.8)   | -7.9               | 20.1          | —              | +7000         | —            | —              | Basic RNP1               |
| 003           | TF              | WATCH               | —        | 285 (277.6)   | -7.9               | 12.2          | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | OKUNI               | —        | 245 (237.3)   | -7.9               | 20.7          | —              | +4000         | —            | —              | Basic RNP1               |

CHANGE : YONAGO VOR/DME.

STANDARD ARRIVAL CHART - INSTRUMENT



## INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Z RWY25



## INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Y RWY25



| NM to IXZ            | MAPt | 2   | 3   | 4   | 5    | 6    | FAF  |
|----------------------|------|-----|-----|-----|------|------|------|
| ALT (3.0° APCH Path) | —    | 317 | 635 | 954 | 1272 | 1591 | 1751 |

**MISSED APPROACH**

Climb on HDG247° to 1600FT,  
turn right direct to XZE  
VOR/DME and hold at 3000FT.  
Contact IZUMO RADIO.

Timing not authorized for defining the  
MAPt.



|            |     |     |     |     |      |
|------------|-----|-----|-----|-----|------|
| DME to IXZ | 1.2 | 1.5 | 1.9 | 6.5 | 10.1 |
| NM to THR  | 0   | 0.3 | 0.6 | 5.3 | 9.0  |

Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev. 15 | AD elev. 6 |      |
|--------|-----------|--------------|------------|------|
| CAT    | CIRCLING  |              |            |      |
|        | MDA(H)    | CMV          | MDA(H)     | VIS  |
| A      | 270 (264) | 800          | 390 (384)  | 1600 |
| B      |           |              | 460 (454)  |      |
| C      |           |              | 560 (554)  |      |
| D      |           | 1200         | 630 (624)  | 3200 |

Circling to NORTH side of RWY only.

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



## INSTRUMENT APPROACH CHART

RJOC / IZUMO

VOR RWY25



## RJOC / IZUMO

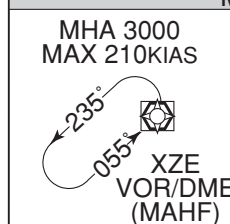
RNAV(GNSS) RWY07

|  |   |                              |            |
|--|---|------------------------------|------------|
| MIHO APP<br>120.1 – 125.4<br>258.2 – 317.8 | 1. DME/DME RNP0.3 not authorized.<br>2. RNP0.3 required.<br>3. GNSS required. | IZUMO RADIO<br>122.7 – 126.2 | RADAR AVBL |
|--|---|------------------------------|------------|

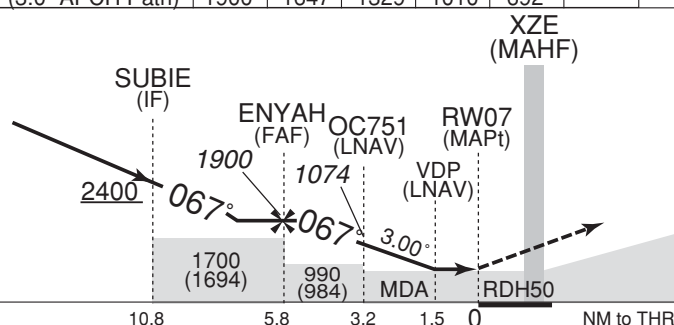
Baro-VNAV not authorized below -10°C

VAR 8°W (2016)

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



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



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

(For using VOR/DME)

Climb to 1300FT via XZE R067,  
turn left, direct to XZE VOR/DME  
and hold at 3000FT.  
Contact IZUMO RADIO.

| MINIMA |           | THR elev. 6 |           | AD elev. 6 |           |      |
|--------|-----------|-------------|-----------|------------|-----------|------|
| CAT    | LNAV/VNAV |             | LNAV      |            | CIRCLING  |      |
|        | DA(H)     | CMV         | MDA(H)    | CMV        | MDA(H)    | VIS  |
| A      | 510 (504) | 1500        | 510 (504) | 1500       | 510 (504) | 1600 |
| B      |           |             |           |            | 560 (554) | 2400 |
| C      |           | 2000        |           | 2000       | 630 (624) | 3200 |
| D      |           |             |           |            |           |      |

Circling to NORTH side of RWY only.

CHANGE : MIHO TACAN(JET)

## INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNAV(GNSS) RWY25

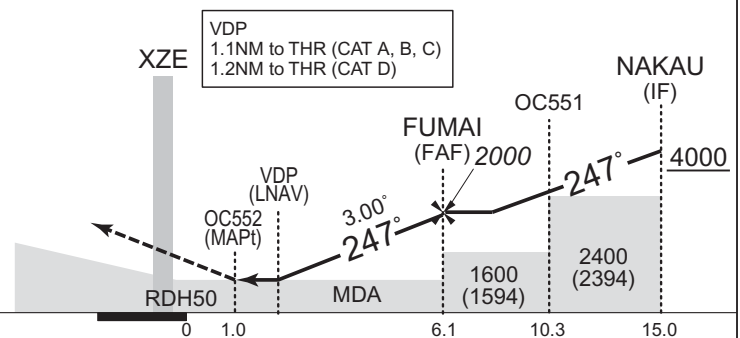


## MISSED APPROACH

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

(For using VOR/DME)

Climb via XZE R247 to XZE 3.7DME, turn right direct to XZE VOR/DME and hold at 3000FT.  
Contact IZUMO RADIO.



Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev. 15 |           | AD elev. 6 |           |      |
|--------|-----------|--------------|-----------|------------|-----------|------|
| CAT    | LNAV/VNAV |              | LNAV      |            | CIRCLING  |      |
|        | DA(H)     | CMV          | MDA(H)    | CMV        | MDA(H)    | VIS  |
| A      | 400 (385) | 900          | 400 (394) | 900        | 400 (394) | 1600 |
| B      |           | 1000         |           | 1000       | 460 (454) |      |
| C      |           |              |           |            | 560 (554) |      |
| D      | 430 (415) | 1400         | 430 (424) | 1400       | 630 (624) | 3200 |

Circling to NORTH side of RWY only.

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

CHANGE : YONAGO VOR/DME.

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).

| 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 |

CHANGE : Map updated. BRG/DIST from ARP. Mitoyakisuki established. Kisuki abolished.



RJOC / IZUMO

Minimum Vectoring Altitude CHART

VAR 8°W (2013)



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