

AD 2 AERODROMES

RJOC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJOC - IZUMO

RJOC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 352449N/1325324E 059° / 1km from RWY 07 THR |
| 2 | Direction and distance from (city) | 13.7km ENE of JR IZUMO STATION |
| 3 | Elevation/ Reference temperature | 6ft / 33° C(2002-2006) |
| 4 | Geoid undulation at AD ELEV PSN | 113ft |
| 5 | MAG VAR/ Annual change | 7°W (2006) / 1.0° W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Shimane Pref. Public AP. IZUMO airport administration office 2633-1, Okisu, Hikawa-cho, Izumo-city, Shimane, 699-0551 JAPAN Tel: 0853-72-0224 Fax: 0853-72-9732 AFS: Nil E-mail: izumokukokanri@pref.shimane.lg.jp Web: http://www.pref.shimane.jp |
| 7 | Types of traffic permitted(IFR/VFR) | IFR / VFR |
| 8 | Remarks | IZUMO Airport Branch(CAB) 2636-1, Okisu, Hikawa-cho, Izumo-city, Shimane, 699-0551 JAPAN Tel: 0853-72-0129 Fax: 0853-72-2118 AFS: Nil |

RJOC AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2230 - 1130 |
| 2 | Customs and immigration | On request Customs: 0859-42-2228 Immigration: 0852-21-3834 |
| 3 | Health and sanitation | On request Quarantine(human): 0859-42-3517 Quarantine(animal): 086-294-4737 Quarantine(plant): 0859-42-2513 |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (KANSAI) |
| 7 | ATS | 2230 - 1130 |
| 8 | Fuelling | 2230 - 1030 |
| 9 | Handling | 2130 - 1200 |
| 10 | Security | 2230 - 1130 |
| 11 | De-icing | 2230 - 1130 |
| 12 | Remarks | Nil |

RJOC AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--|
| 1 | Cargo-handling facilities | All the modern institutions that deal with the aircraft to Airbus A300 |
| 2 | Fuel/ oil types | Fuel grades : JetA1-Avgas100 Oil grades : Nil |
| 3 | Fuelling facilities/ capacity | Fuel truck refueling / No limitations |
| 4 | De-icing facilities | TYPE-4 ABC-S TYPE-1 DF-PLUS |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RJOC AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-----------------------------|
| 1 | Hotels | In Izumo-city |
| 2 | Restaurants | At Airport |
| 3 | Transportation | Busses and Taxis |
| 4 | Medical facilities | Hospital in Izumo-city 12km |
| 5 | Bank and Post Office | At Airport |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJOC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CAT 8 |
| 2 | Rescue equipment | Chemical fire fighting truck × 3 Emergency Medical equipments Conveyance truck × 1 |
| 3 | Capability for removal of disabled aircraft | Ask AD Administration |
| 4 | Remarks | Nil |

RJOC AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | Snow plow x 3, Snow sweeper x 3, Snow grader x 4, Tractor shovel x 2 |
| 2 | Clearance priorities | (1) RWY 07/25 (2) TWY, APRON |
| 3 | Remarks | Nil |

RJOC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | Apron : Surface: cement-concrete, Spot 1 Strength: PCN 35/F/C/X/T Spot 2-5 Strength : PCN 53/R/C/X/T Spot 6-10 Strength : AUW 11000kg |
| 2 | Taxiway width, surface and strength | TWY T1 Width : 30m, Surface: Asphalt-concrete, Strength: PCN 58/F/C/X/T TWY T2 Width : 30m, Surface: Asphalt-concrete, Strength: PCN 48/F/B/X/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not Available |
| 5 | INS checkpoints | Spot NR 1 : 352449.28N 1325308.83E 2 : 352451.53N 1325309.51E 3 : 352452.51N 1325311.54E 4W: 352453.07N 1325313.44E 4 : 352453.48N 1325313.64E 5 : 352453.74N 1325314.82E |
| 6 | Remarks | Nil |

RJOC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|--|---|
| 1 | Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands | Nil |
| 2 | RWY and TWY markings and LGT | RWY: RWY 07/25 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL (LGT) RCLL, REDL, RTHL, RENL, Turning point indicator LGT, RWY DIST marker LGT TWY: All TWY (MARKING) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area, APN TWY CL, ACFT PRKG PSN (LGT) APN flood LGT |

RJOC / IZUMO

180° turn on RWY

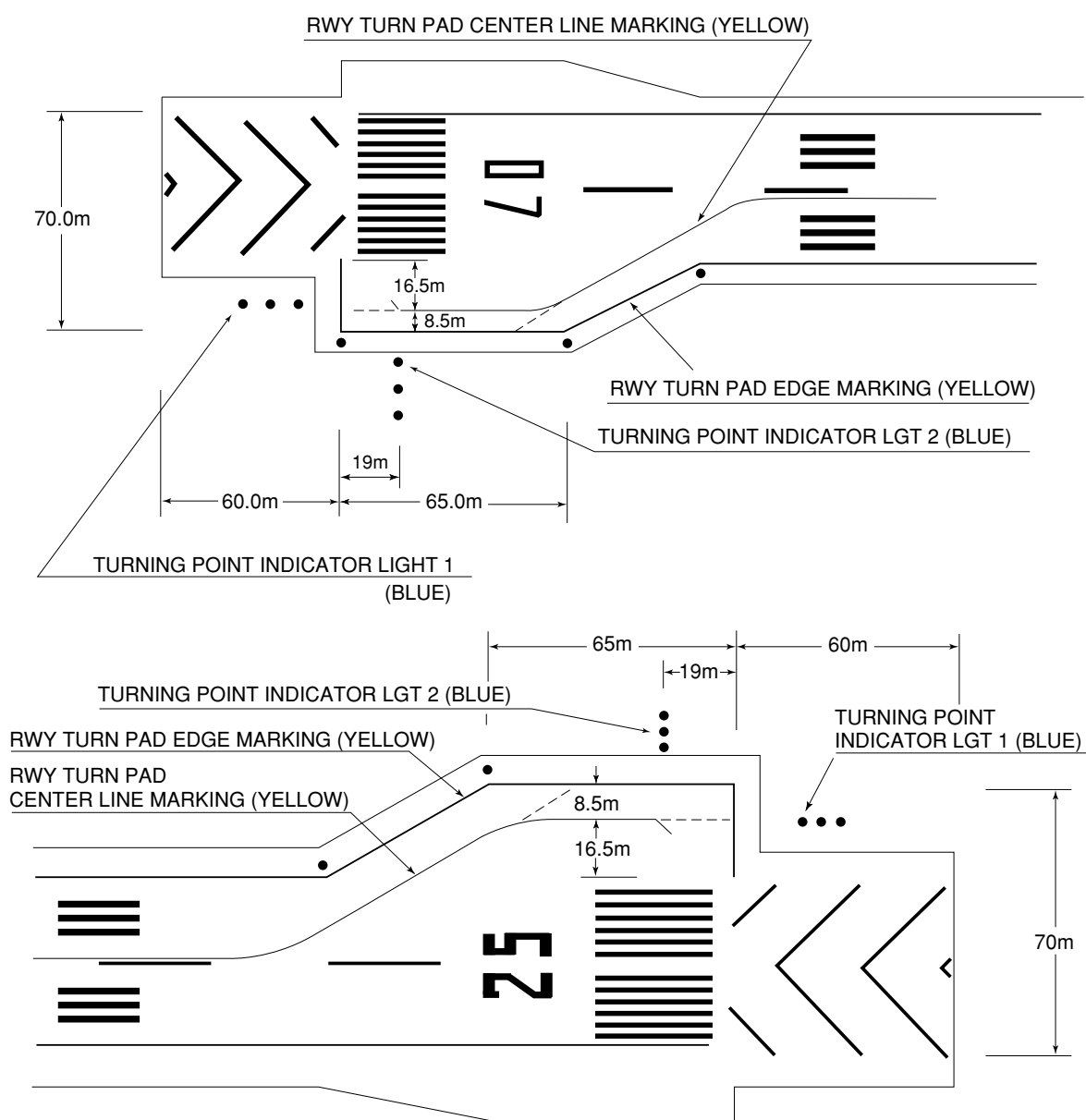
A-300型機用の滑走路180°転回要領

1. 滑走路中心線からターニングパッド中心線標識に従って進行する。
2. 転回灯1が一直線に見えるように進行し、転回灯2が一直線に見えた時転回を開始する。

転回時はMAX STEERING ANGLEを使用する。

180° turn on runway of A-300 aircraft

1. Proceed along the RWY Turn Pad Center Line Marking.
2. Proceed along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Light 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Light 2 on a straight line at an angle of 9 o'clock. When turning, take MAX STEERING ANGLE.



RJOC AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|-------------------|---------------|-------------|-----------|--------------|---------|
| To be developed | | | | | |

In circling area and at AD

| Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|---------------|--------------------|-----------|---------------|---------------------------------------|
| Panzer mast | 352325.0N/1325353E | 328ft | - /LIM(White) | Obstacle above the horizontal surface |
| Panzer mast | 352335.0N/1325329E | 235ft | - / LIM(Red) | Obstacle above the horizontal surface |
| Panzer mast | 352348.0N/1325407E | 245ft | - / LIM(Red) | Obstacle above the horizontal surface |

RJOC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

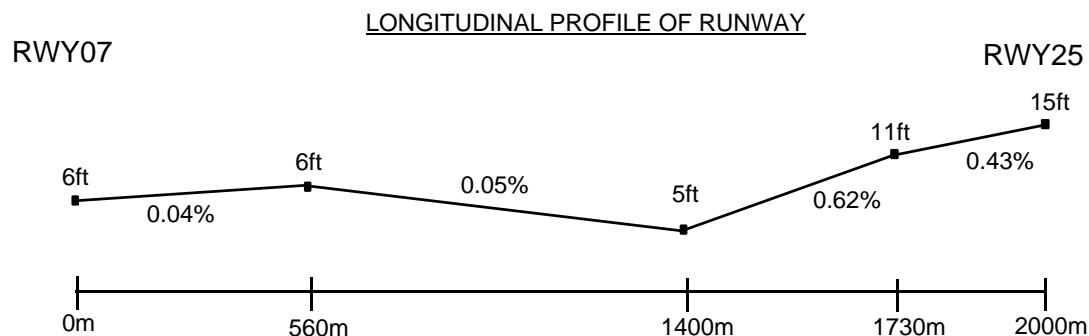
| | | |
|----|--|--|
| 1 | Associated MET Office | KANSAI |
| 2 | Hours of service MET Office outside hours | H24 (KANSAI) |
| 3 | Office responsible for TAF preparation Periods of validity | KANSAI 30 Hours |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at KANSAI |
| 6 | Flight documentation Language(s) used | C En |
| 7 | Charts and other information available for briefing or consultation | S ₆ , U ₈₅ , U ₇ , U ₅ , U ₃ , U ₂₅ , U ₂ /T _r , P _S , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), E, C, W _E , W _F , W _G , W _I , W, N |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | RADIO |
| 10 | Additional information(limitation of service, etc.) | Nil |

RJOC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength(PCN) and surface of RWY | THR coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------------|--------------------------|-------------------------|-------------------------------------|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | To be issued later | 2000×45 | PCN 58/F/C/X/T Asphalt-Concrete | 352432.83N 1325249.80E | THR ELEV: 6ft TDZ ELEV: 6ft |
| 25 | | 2000×45 | PCN 58/F/C/X/T Asphalt-Concrete | 352505.82N 1325358.07E | THR ELEV: 15ft |

| Slope of RWY | Strip Dimensions(M) | RESA (Overrun) Dimensions(M) | Remarks |
|------------------|------------------------|--|---------------------------|
| 7 | 10 | 11 | 14 |
| See below figure | 2120×150 | 40 × (MNM:146 MAX:150)* | RWY Grooving: 2000m × 30m |
| See below figure | 2120×150 | 200 × (MNM:141 MAX:150)* *For detail, ask airport administrator | RWY Grooving: 2000m × 30m |

Slope of RWY



RJOC AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 2000 | 2000 | 2000 | 2000 | Nil |
| 25 | 2000 | 2000 | 2000 | 2000 | Nil |

RJOC AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | RTHL Color WBAR | PAPI (VASIS) Angle DIST FM THR MEHT | RTZL LEN | RCLL LEN Spacing Color INTST | REDL LEN Spacing Color INTST | RENL Color WBAR | STWL LEN Color |
|---|-------------------------------------|-----------------------|--|-------------|--|---|-----------------------|----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 07 | - | Green - | PAPI 3.0°/Left 369.8m 61ft | - | 2,000m 30m Coded color (White/Red) LIH | 2,000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 25 | SALS (*1) 420m LIH | Green - | PAPI 3.0°/Left 422.7m 61ft | - | 2,000m 30m Coded color (White/Red) LIH | 2,000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with RAI(LEN:480m)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2) CGL for RWY 07 RWY THR ID LGT for RWY 07 THR(Color:White) | | | | | | | | |

RJOC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 352449N/1325302E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | Nil Anemometer : AVBL |
| 3 | TWY edge and center line lighting | TWY edge and center line lights installed, see AD2.9 |
| 4 | Secondary power supply/ switch-over time | Within 15 Sec: All Lights |
| 5 | Remarks | WDI LGT |

RJOC AD 2.16 HELICOPTER LANDING AREA

| |
|-----|
| Nil |
|-----|

RJOC AD 2.17 ATS AIRSPACE

| Designation and lateral limits | | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|---|----------------------|-------------------------|-----------------------------|---------|
| 1 | | 2 | 3 | 4 | 6 |
| IZUMO Information zone | Area within a radius of 5nm(9km) of IZUMO ARP(3525N/13253E) | 3000 or below | E | IZUMO RADIO En | |

RJOC AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|-------------|-------------------------|--------------------|------------|
| 1 | 2 | 3 | 4 | 5 |
| A/G | IZUMO RADIO | 122.7MHz(1) 126.2MHz | 2230-1130 | (1)Primary |

RJOC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid (VOR declination) | ID | Frequency | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|-------------------------------|-----|------------------|--------------------|--|---------------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| VOR (8°W/2010) | XZE | 113.4MHz | H24 | 352502.06N 1325332.54E | | |
| DME | XZE | 1168MHz (CH-81X) | H24 | 352502.06N 1325332.54E | 43ft | |
| LOC 25 | IXZ | 111.7MHz | 2230-1130 | 352428.95N 1325241.79E | | LOC:235m(771ft) away FM RWY 07 THR, BRG(MAG) 247° |
| LOC-DME 25 | IXZ | 1015MHz | 2230-1130 | 352431.10N 1325239.91E | 18ft | DME:242m(794ft) away FM RWY 07 THR, 75m(246ft) NW of RCL |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based |



REMARKS : 1. LOC beam BRG(MAG) 247°
2. ELEV of LOC-DME 5.4m(18ft)

RJOC AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

On use of IZUMO airport , aircraft operator is required to notify Shimane Pref. in advance.

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJOC AD 2.21 NOISE ABATEMENT PROCEDURES

Ask AD administration

RJOC AD 2.22 FLIGHT PROCEDURES**1. TAKE OFF MINIMA**

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAYTIME ONLY) | |
|--|-----|-------------|-----------------|-----------|--------------------------------|-----------|-----------------------|-----------|
| | | | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 07 | A,B,C,D | - | 0'-400m | - | 0'-400m | - | 0'-500m |
| | 25 | A,B,C,D | - | 200'-800m | - | 200'-800m | - | 200'-800m |
| OTHER | 07 | A,B,C,D | AVBL LDG MINIMA | | | | | |
| | 25 | A,B,C,D | | | | | | |

2. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with MIHO Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and;

- (I) 1. Contact MIHO Tower.
 2. If unable, proceed in accordance with visual flight rules.
 3. If unable, proceed to XZE VOR/DME at last assigned altitude or 3,000FT whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation required.

RJOC AD 2.23 ADDITIONAL INFORMATION

Ask AD administration

RJOC AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart-Instrument (DOZEN)
 Standard Departure Chart-Instrument (IZUMO)
 Standard Departure Chart-Instrument (MATSUE, TAKHI, SAIGO, KYOKA - RNAV)
 Standard Arrival Chart-Instrument (SUSAR-RNAV)
 Standard Arrival Chart-Instrument (OKUNI-RNAV)
 Standard Arrival Chart-Instrument (NAKAU-RNAV)
 Instrument Approach Chart (LOC Z RWY25)
 Instrument Approach Chart (LOC Y RWY25)
 Instrument Approach Chart (VOR RWY25)
 Instrument Approach Chart (RNAV(GNSS) RWY07)
 Instrument Approach Chart (RNAV(GNSS) RWY25)
 Other Chart (Visual REP)
 Other Chart (LDG CHART)
 Other Chart (MVA CHART)

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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.

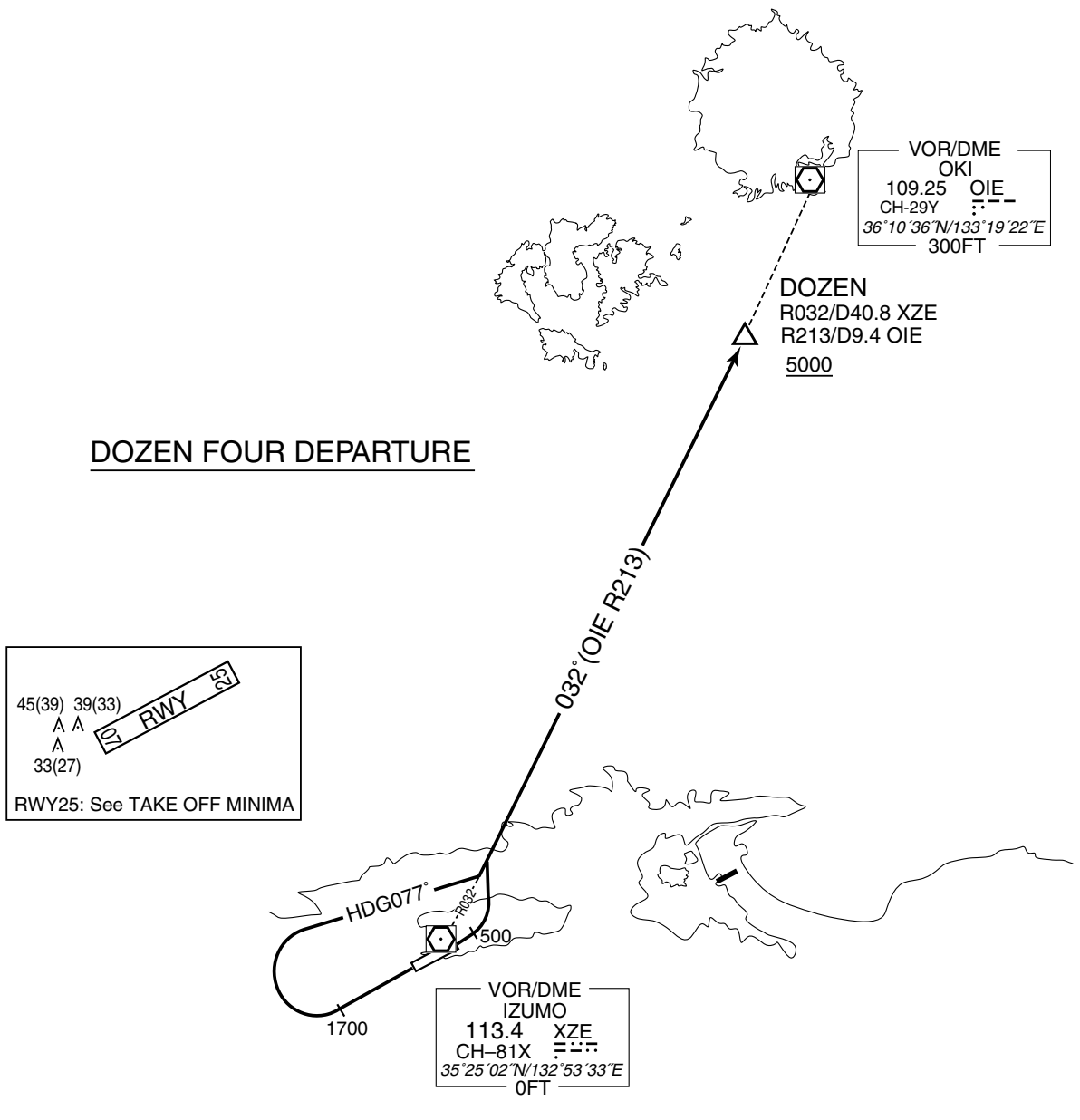
Cross DOZEN at or above 5000FT.

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.

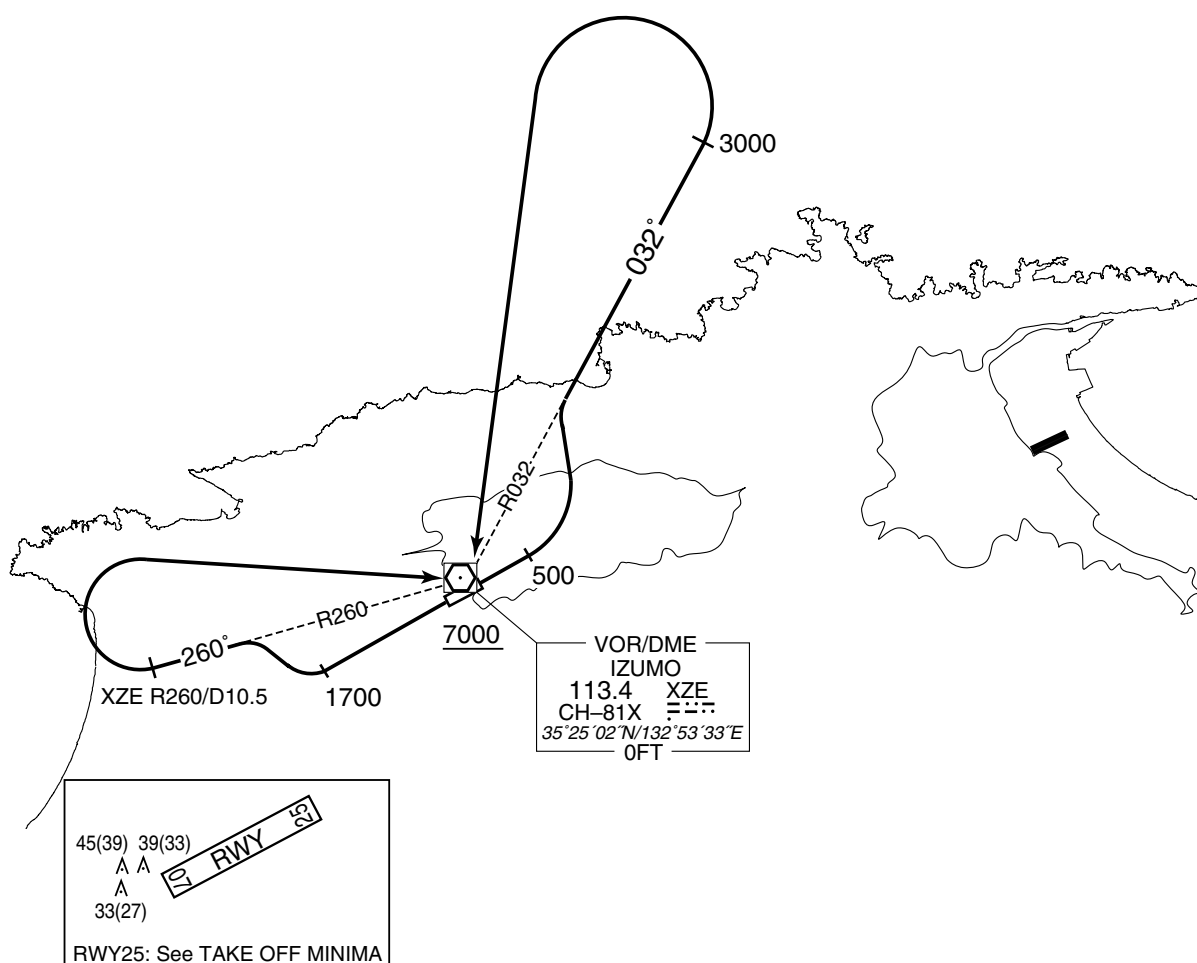
Cross XZE VOR/DME at or above 7000FT.

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

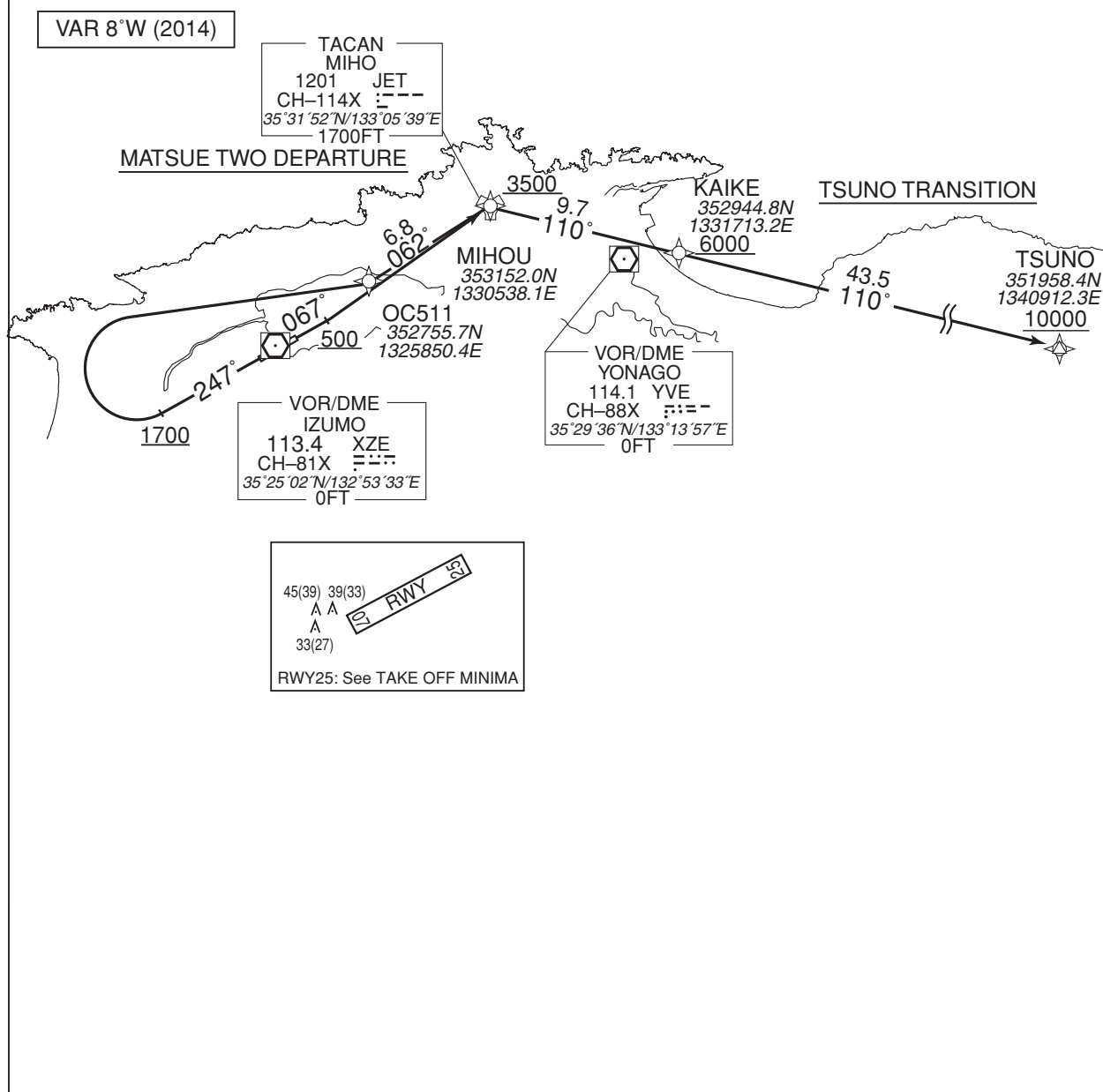
RJOC / IZUMO

RNAV SID and TRANSITION

MATSUE TWO DEPARTURE
TSUNO TRANSITION

Basic RNP1

Note GNSS required.

MATSUE TWO DEPARTURE

RWY07 : Climb on HDG067° at or above 500FT, direct to MIHOU at or above 3500FT.

RWY25 : Climb on HDG247° at or above 1700FT, turn right direct to OC511,
to MIHOU at or above 3500FT.

NOTE RWY07 : 3.5% climb gradient required up to 1300FT.

OBST ALT 1739FT located at 10.9NM 058° 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.

TSUNO TRANSITION

From MIHOU, to KAIKE at or above 6000FT, to TSUNO at or above 10000FT.

CHANGE : MIHO TACAN(JET)

STANDARD DEPARTURE CHART - INSTRUMENT

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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 (059.3) | -7.6 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | MIHOU | — | — | -7.6 | — | — | +3500 | — | — | Basic RNP1 |

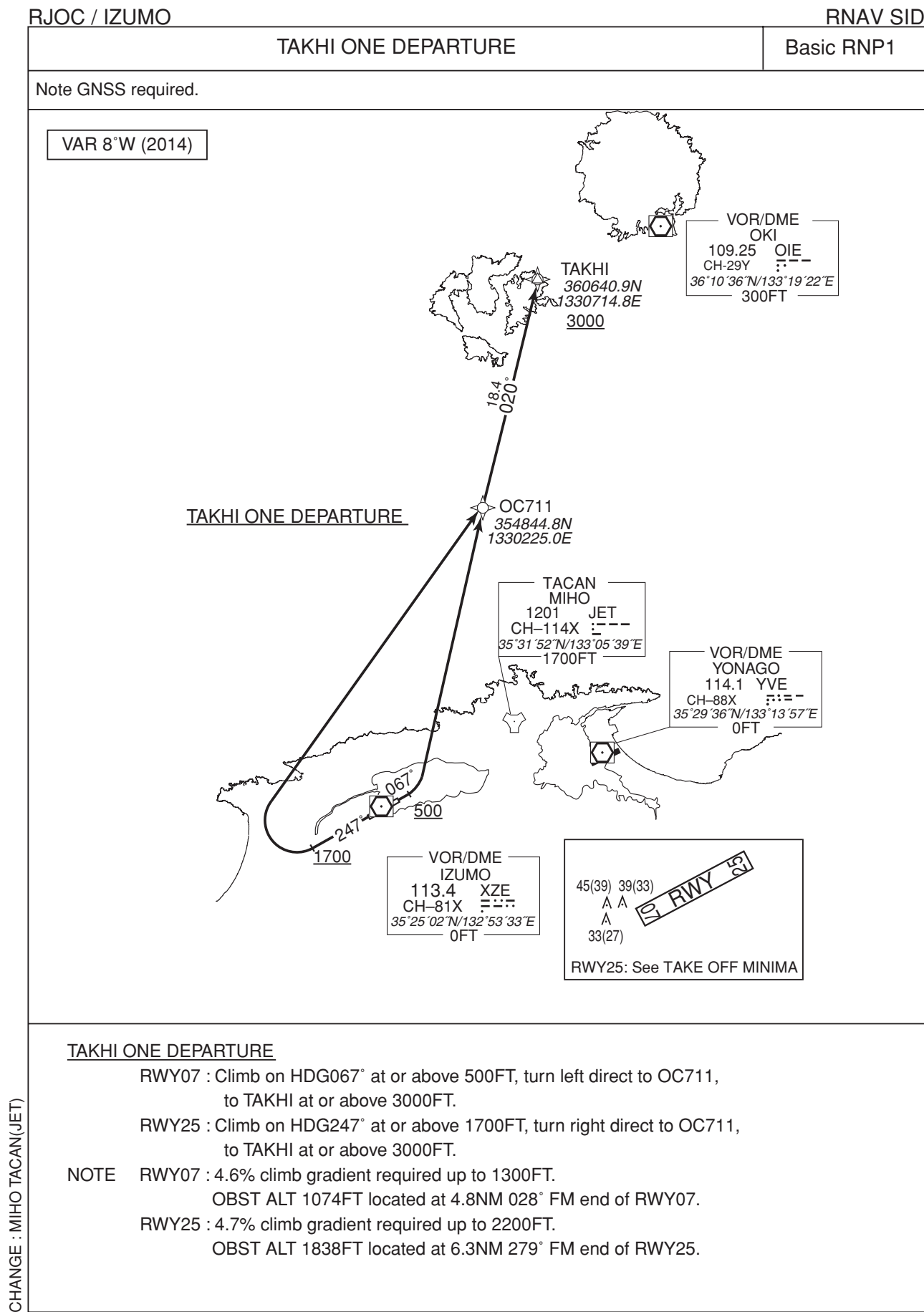
RWY25

| 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 (239.3) | -7.6 | — | — | +1700 | — | — | Basic RNP1 |
| 002 | DF | OC511 | — | — | -7.6 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | MIHOU | — | 062 (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 (102.6) | -7.6 | 9.7 | — | +6000 | — | — | Basic RNP1 |
| 003 | TF | TSUNO | — | 110 (102.7) | -7.6 | 43.5 | — | +10000 | — | — | Basic RNP1 |

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

TAKHI ONE DEPARTURE

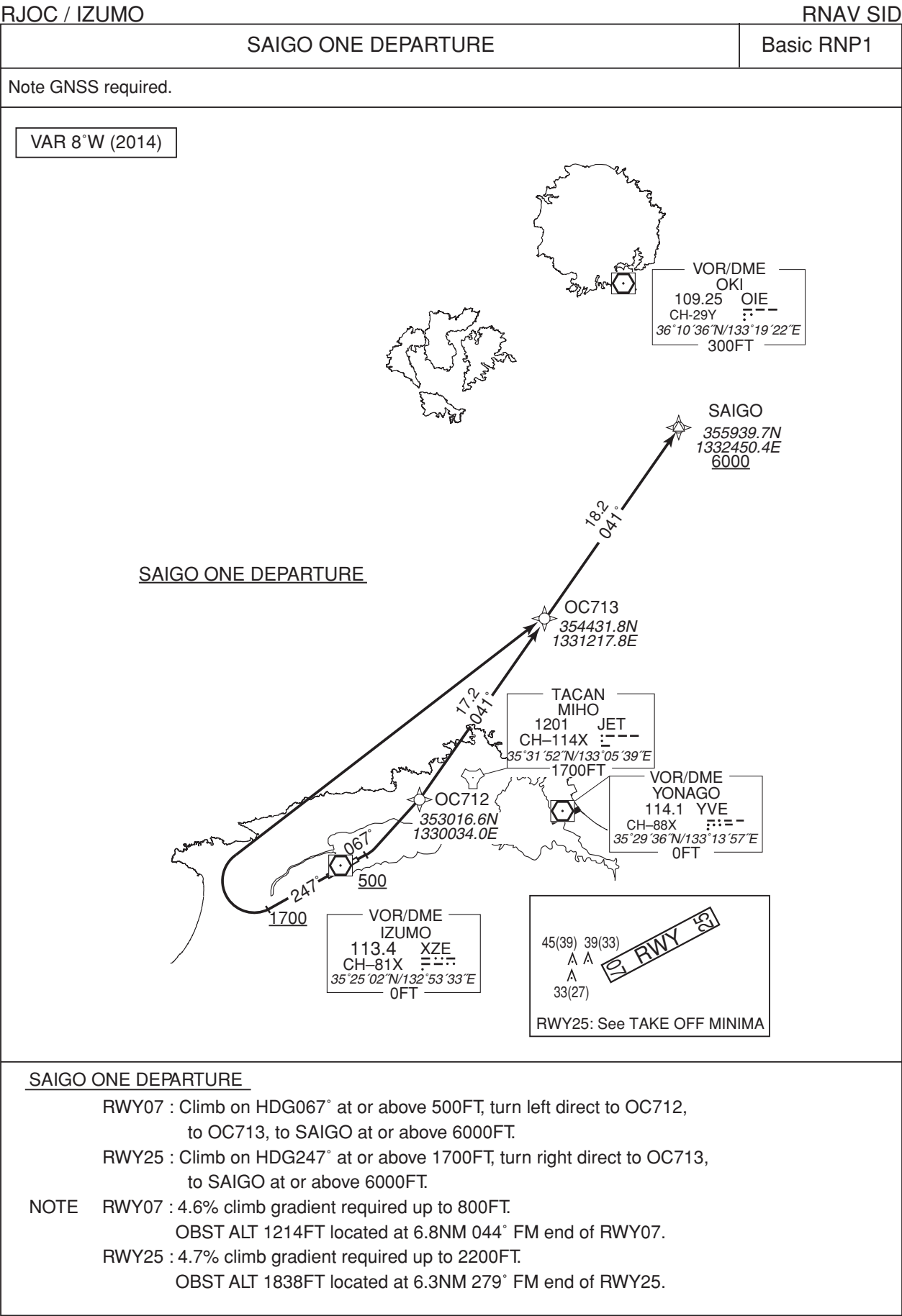
RWY07

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

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : MIHO TACAN(JET)

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO ONE DEPARTURE

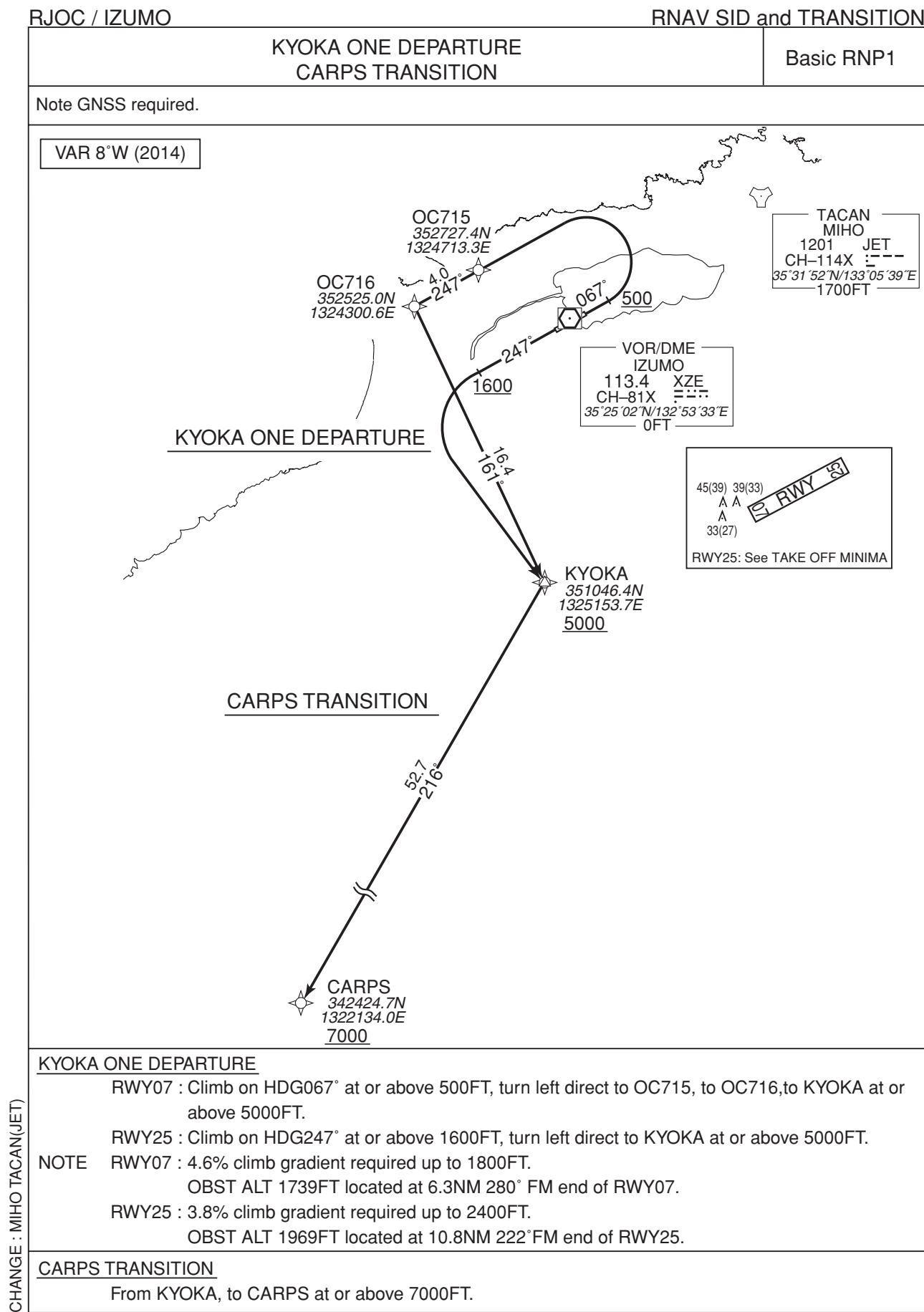
RWY07

| 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 (059.3) | -7.6 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | OC712 | — | — | -7.6 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | OC713 | — | 041 (033.7) | -7.6 | 17.2 | — | — | — | — | Basic RNP1 |
| 004 | TF | SAIGO | — | 041 (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 (239.3) | -7.6 | — | — | +1700 | — | — | Basic RNP1 |
| 002 | DF | OC713 | — | — | -7.6 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | SAIGO | — | 041 (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 (059.3) | -7.6 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | OC715 | — | — | -7.6 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | OC716 | — | 247 (239.3) | -7.6 | 4.0 | — | — | — | — | Basic RNP1 |
| 004 | TF | KYOKA | — | 161 (153.6) | -7.6 | 16.4 | — | +5000 | — | — | Basic RNP1 |

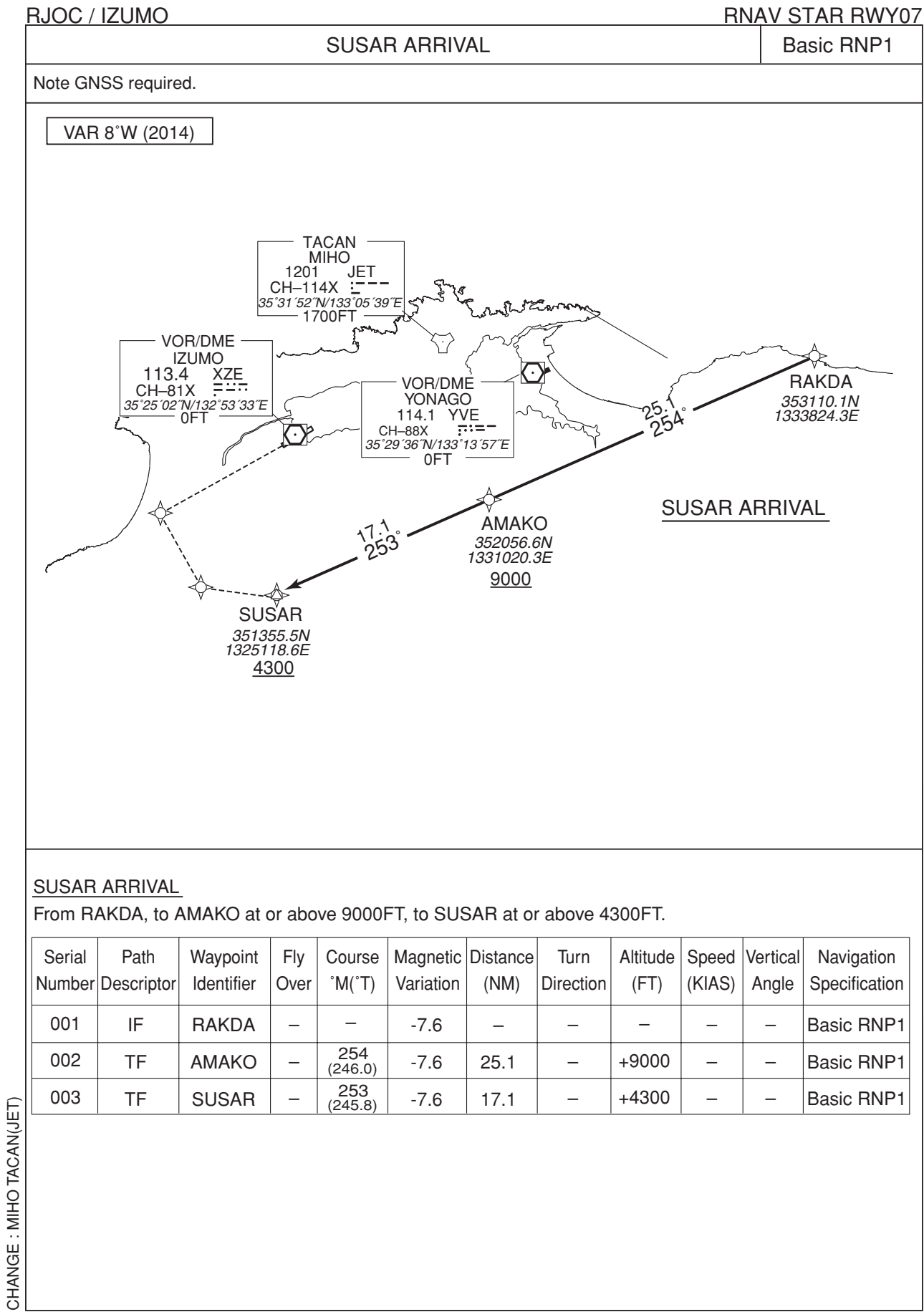
RWY25

| 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 (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 (208.4) | -7.6 | 52.7 | — | +7000 | — | — | Basic RNP1 |

STANDARD ARRIVAL CHART - INSTRUMENT



STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

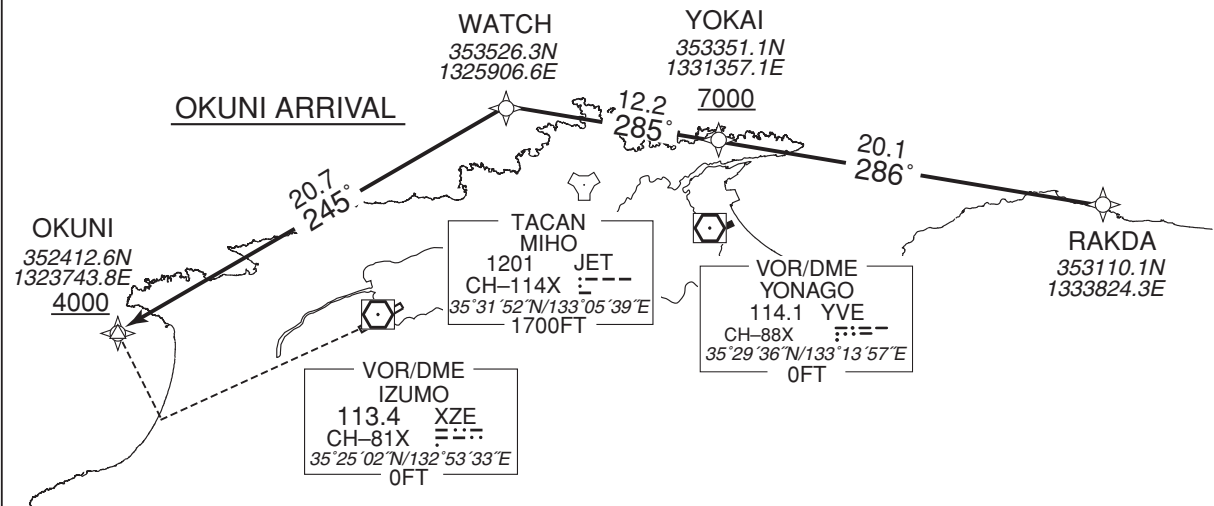
RNAV STAR RWY07

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 : MIHO TACAN(JET)

STANDARD ARRIVAL CHART - INSTRUMENT



NAKAU ARRIVAL

From RAKDA, to NAKAU 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 | — | — | -7.6 | — | — | — | — | — | Basic RNP1 |
| 002 | TF | NAKAU | — | 282 (273.9) | -7.6 | 23.4 | — | +4000 | — | — | Basic RNP1 |

CHANGE : MIHO TACAN(JET)

INSTRUMENT APPROACH CHART

RJOC / IZUMO

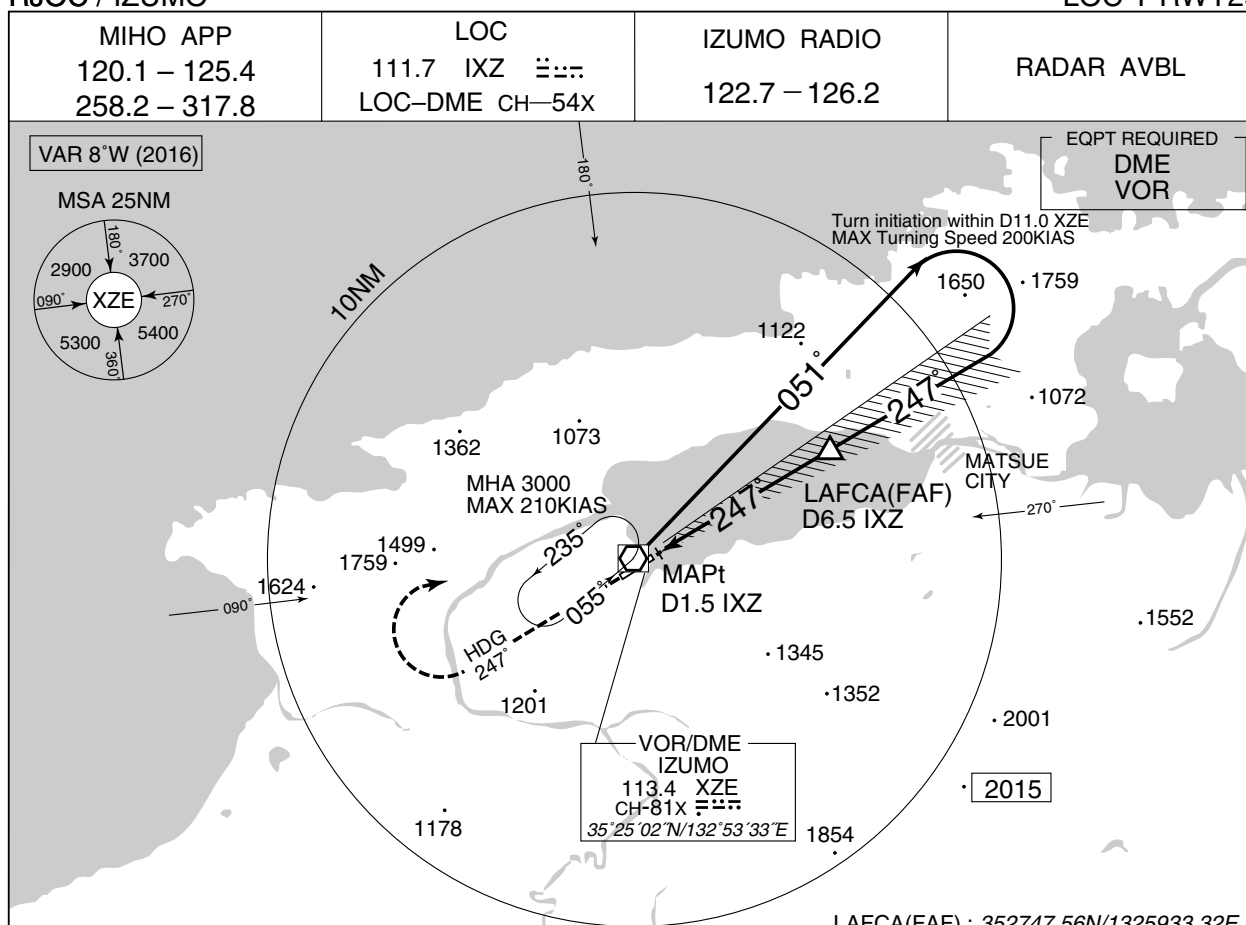
LOC Z RWY25



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

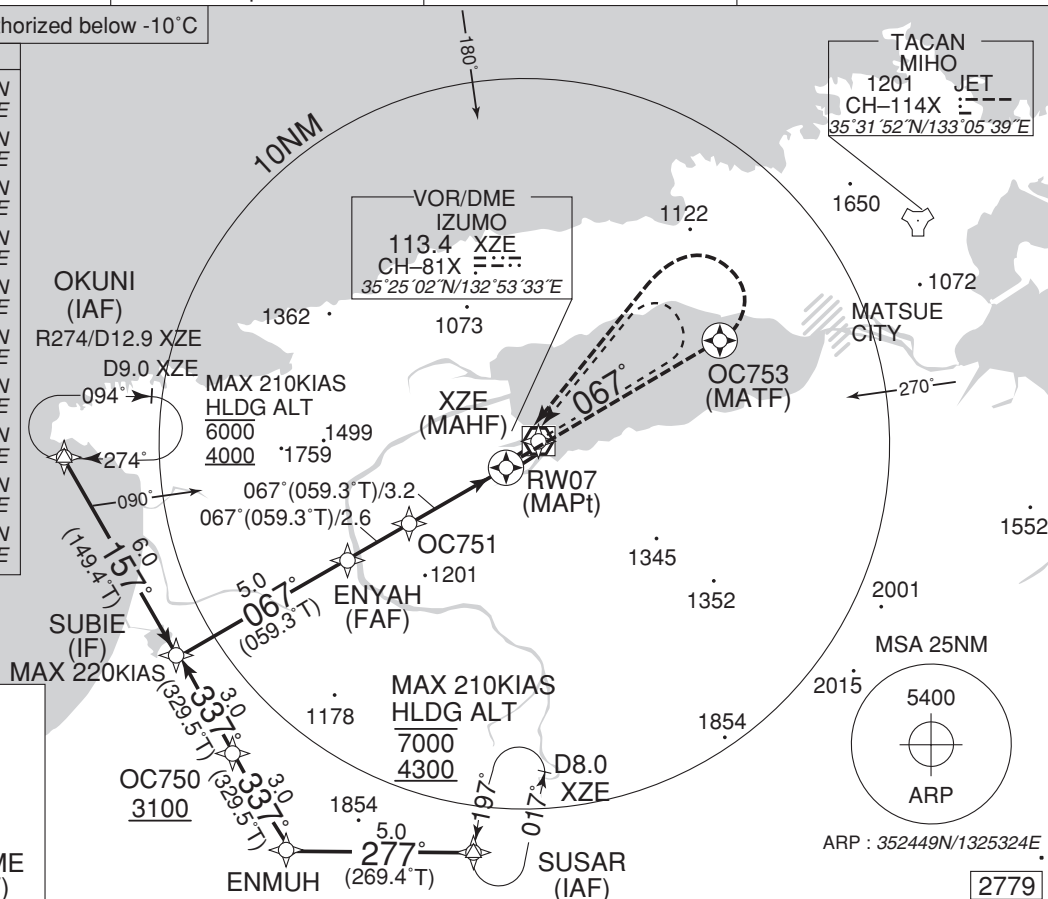
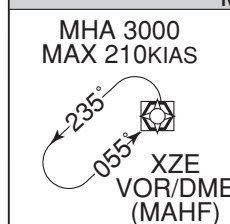
RNAV(GNSS) RWY07

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

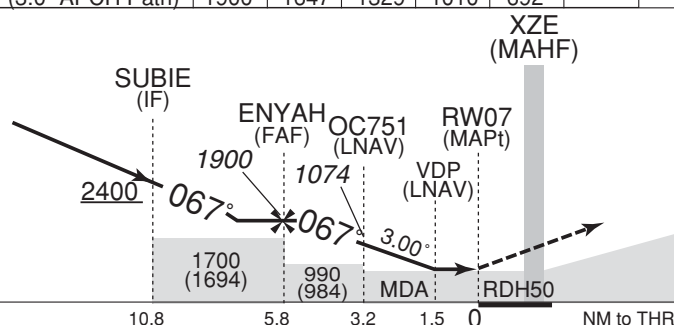
Baro-VNAV not authorized below -10°C

VAR 8°W (2016)

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

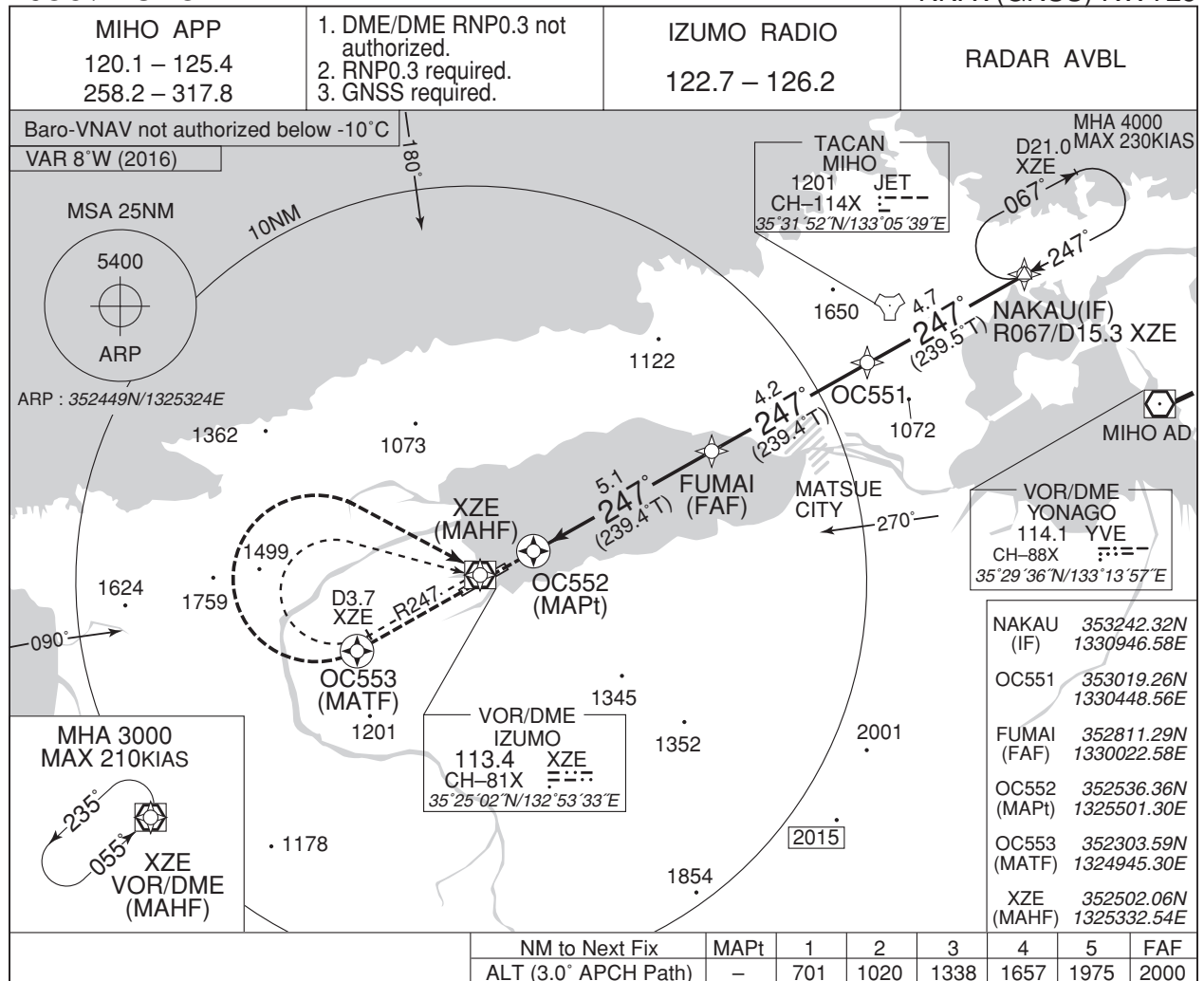
Circling to NORTH side of RWY only.

CHANGE : MIHO TACAN(JET)

INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNAV(GNSS) RWY25

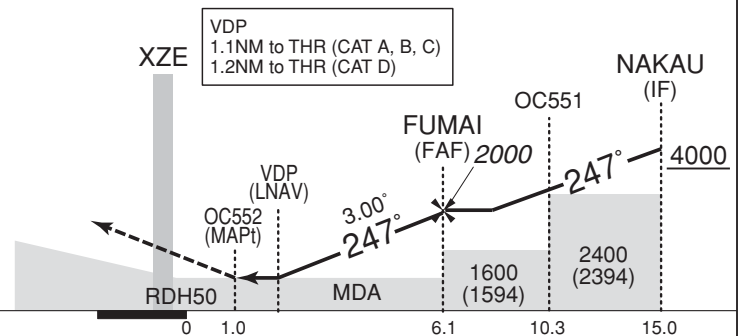


MISSED APPROACH

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 |

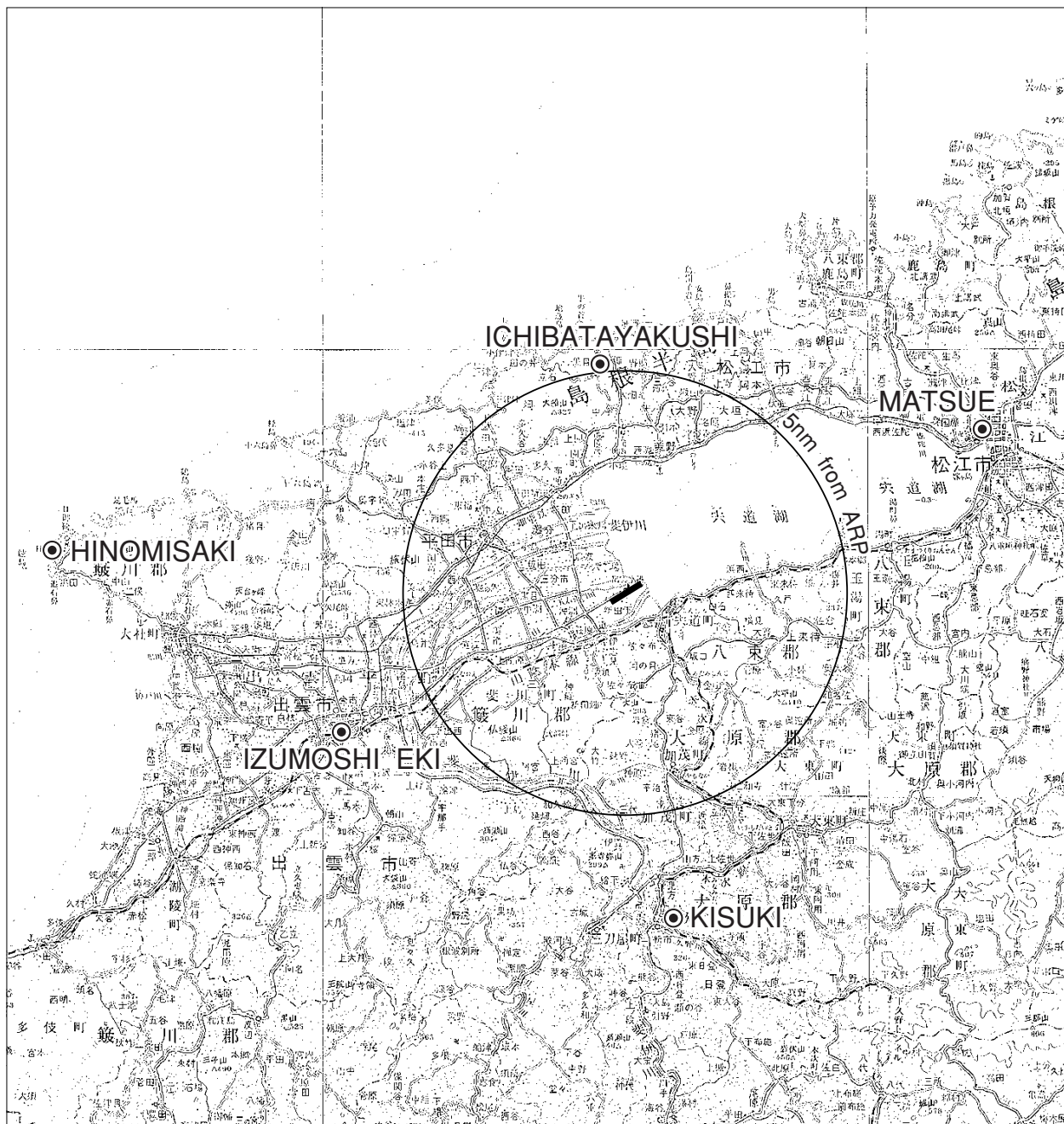
Circling to NORTH side of RWY only.

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

CHANGE : MIHO TACAN(JET)

RJOC / IZUMO

Visual REP



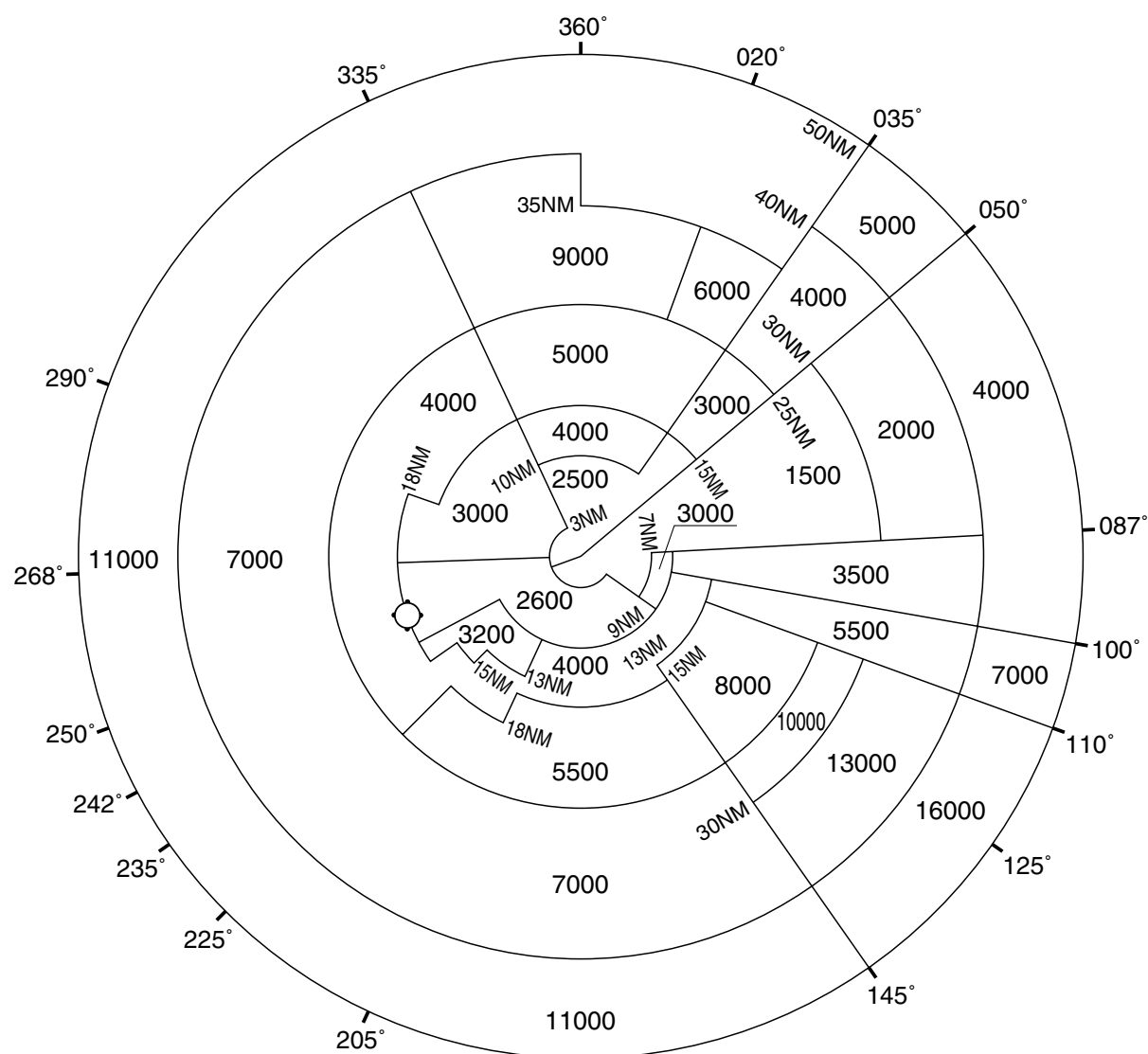
| Call sign | BRG / DIST from ARP | Remarks |
|-------------------------|---------------------|---------------------|
| 松 江 Matsue | 072°/9.1NM | 松江城 Castle |
| 出雲市駅 Izumoshi eki | 251°/7.4NM | JR Station |
| 一畑薬師 Ichibatayakushi | 360°/5.3NM | 寺 Temple |
| 木 次 Kisuki | 181°/7.8NM | 電々公社アンテナ Antenna |
| 日御碕 Hinomisaki | 280°/12.5NM | 灯台 Lighthouse |



RJOC / IZUMO

Minimum Vectoring Altitude CHART

VAR 8°W (2013)



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