

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 | 9°W (2024) / 5' 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: izumokukanri@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): 0859-45-3800 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 x 3 Emergency Medical equipments Conveyance truck x 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 | TWY/APN to measure the coefficient of friction : Nil |

RJOC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | Apron : Surface: cement-concrete, Spot 1 Strength: PCR 788/F/C/X/T Spot 2-5 Strength : PCR 1608/R/B/W/T Spot 6-10 Strength : PCR 146/F/C/X/T |
| 2 | Taxiway width, surface and strength | TWY T1 Width : 30m, Surface: Asphalt-concrete, Strength: PCR 1044/F/D/X/T TWY T2 Width : 30m, Surface: Asphalt-concrete, Strength: PCR 686/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 6 : 352454.65N 1325316.12E 2 : 352451.39N 1325309.61E 7 : 352455.23N 1325316.71E 3 : 352452.38N 1325311.64E 8 : 352455.51N 1325317.28E 4W: 352453.16N 1325313.66E 9: 352455.83N 1325317.94E 4 : 352453.39N 1325313.71E 10 : 352456.01N 1325318.96E 5 : 352454.17N 1325314.81E |
| 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

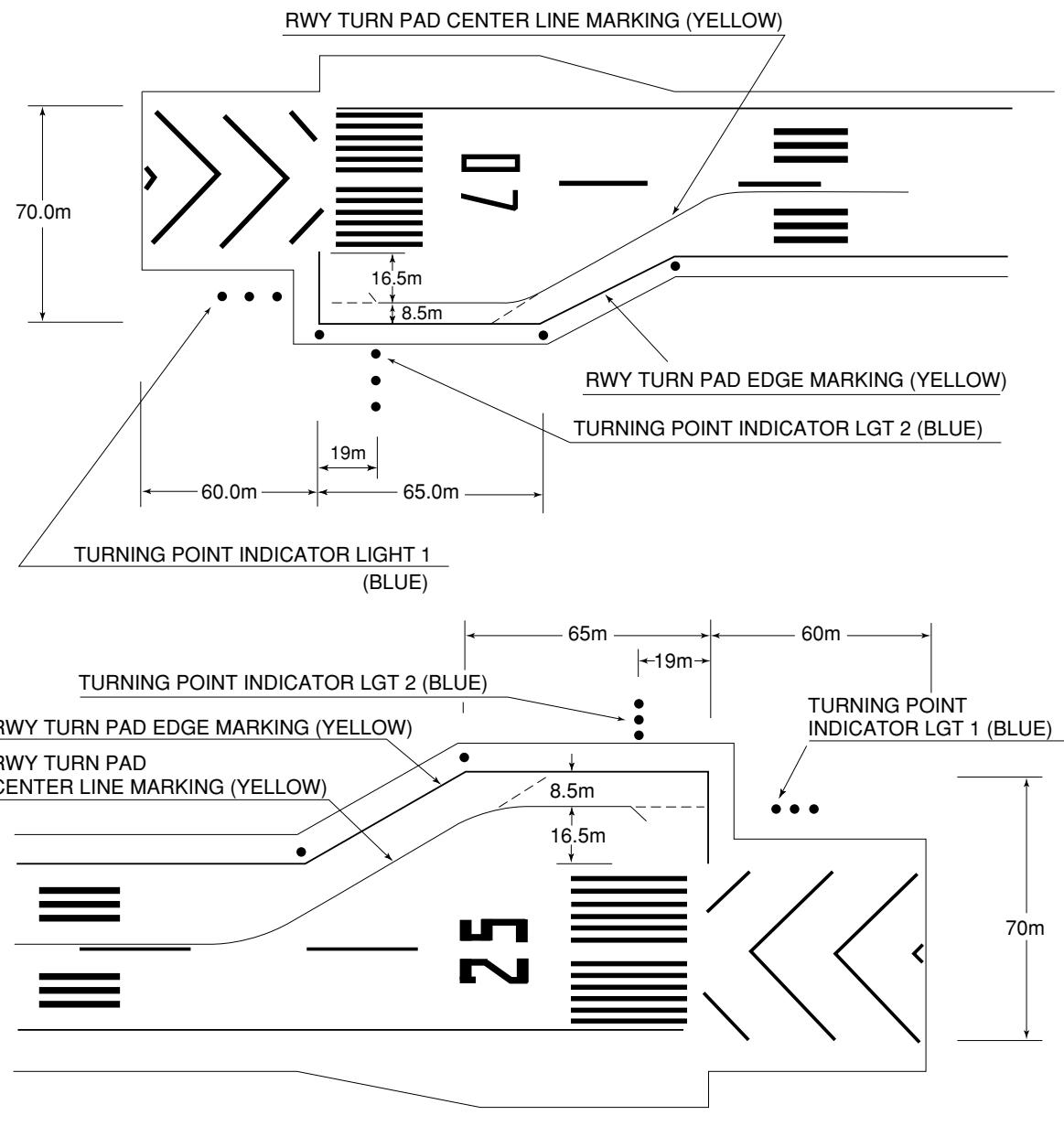
180° turn on RWY

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 Area 2 See Obstacle data
- In Area 3 To be developed

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(PCR) 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 | 2000x45 | PCR 868/F/C/X/T Asphalt-Concrete | 352432.83N 1325249.80E | THR ELEV: 6ft TDZ ELEV: 6ft | | | | | | |
| 25 | | 2000x45 | PCR 868/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 | 2120x150 | 40 x (MNM:146 MAX:150)* | | RWY Grooving: 2000m x 30m | | | | | | | |
| See below figure | 2120x150 | 200 x (MNM:141 MAX:150)* *For detail, ask airport administrator | | RWY Grooving: 2000m x 30m | | | | | | | |
| Slope of RWY | | | | | | | | | | | |
| <u>LONGITUDINAL PROFILE OF RUNWAY</u> | | | | | | | | | | | |
| RWY07 | | RWY25 | | | | | | | | | |
| | | | | | | | | | | | |
| <p>0m 560m 1400m 1730m 2000m</p> | | | | | | | | | | | |

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 LEN INTST | LGT type LEN | 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 Aemometer : 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

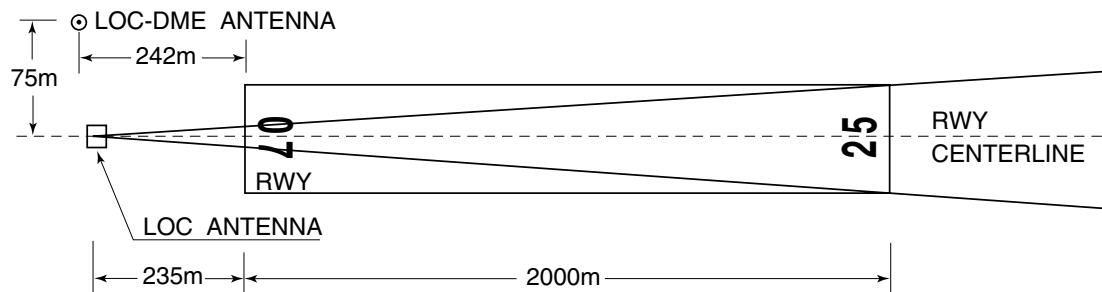
| Designation and lateral limits | | Vertical limits (ft) | Airspace classificaion | ATS unit call sign Language | Remarks |
|--------------------------------|---|----------------------|------------------------|-----------------------------|---------|
| 1 | | 2 | 3 | 4 | 6 |
| IZUMO Information zone | 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 |
| AFIS | 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

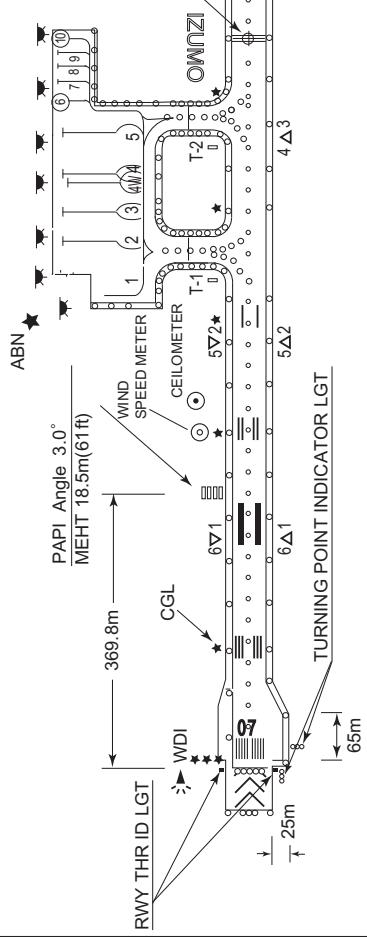
Ask AD administration

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 (RNP RWY07)
 Instrument Approach Chart (RNP RWY25)
 Other Chart (Visual REP)
 Other Chart (LDG CHART)
 Other Chart (MVA CHART)

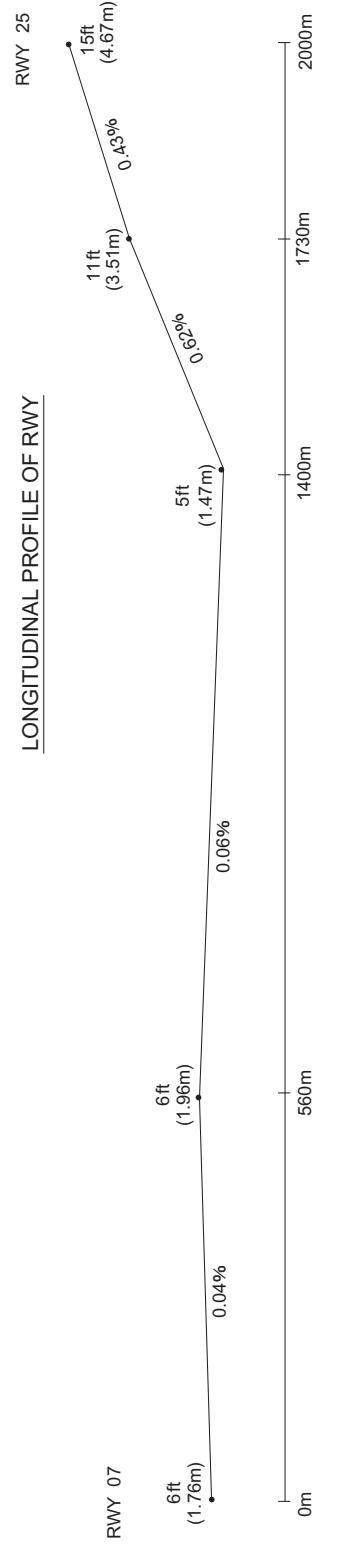
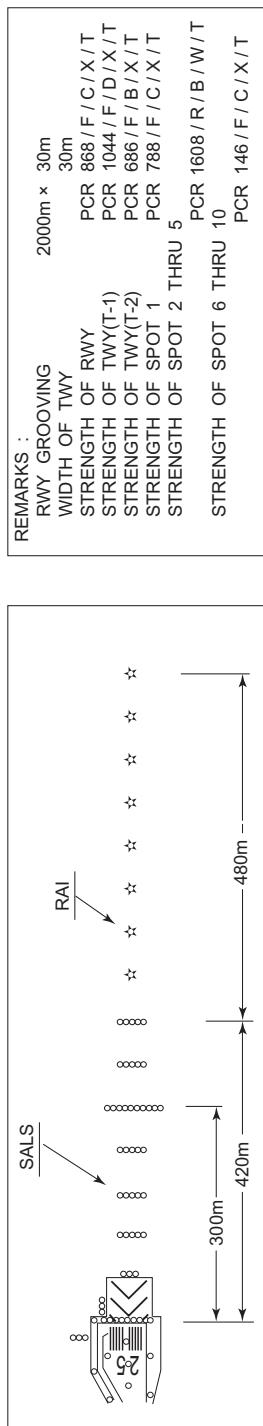
CHANGE : VAR.

IZUMO AP



RJOC / IZUMO

AD CHART



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.

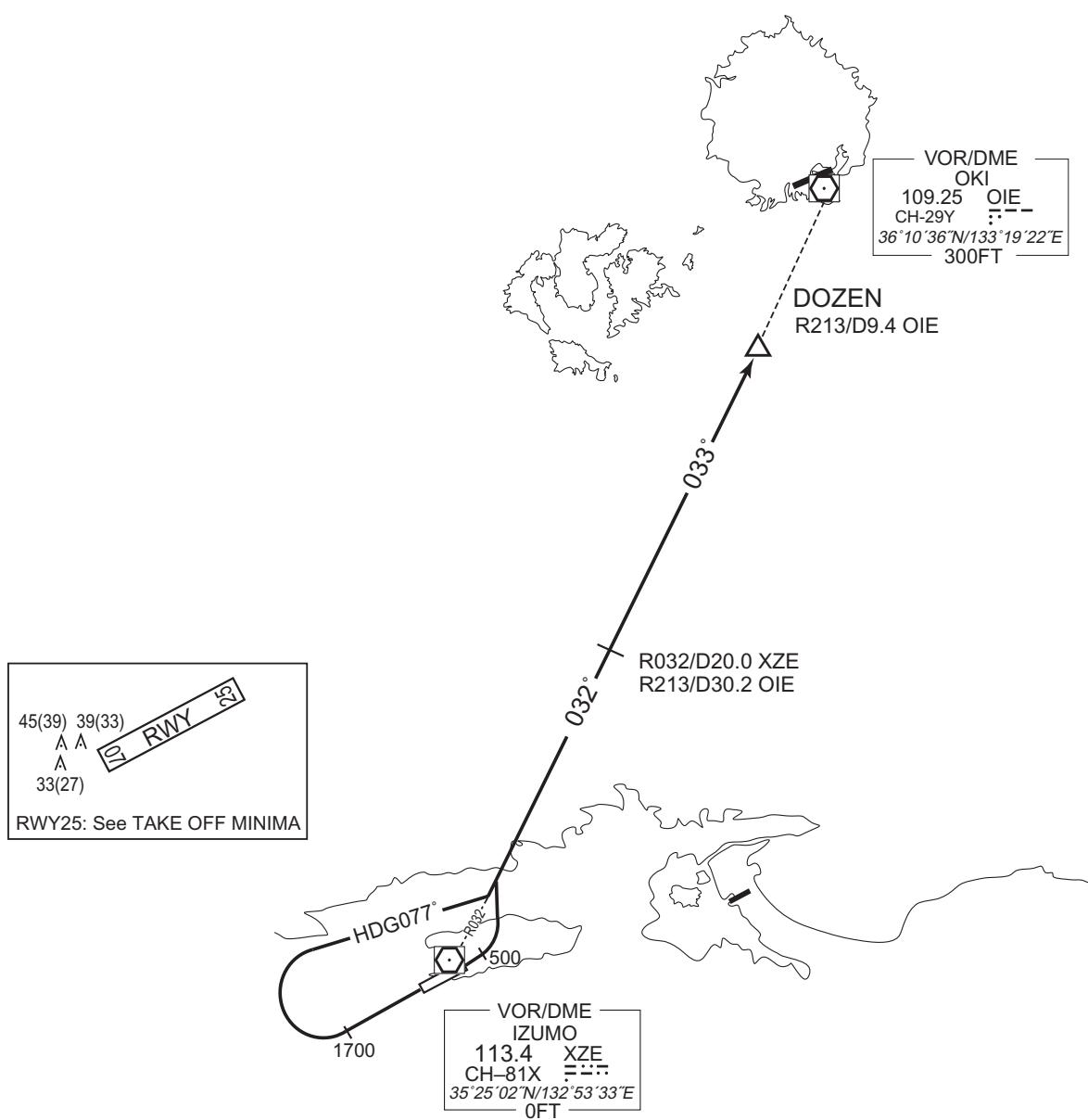
Note RWY07: 4.6% climb gradient required up to 1300FT.

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. PROC course. ALT restriction at DOZEN abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

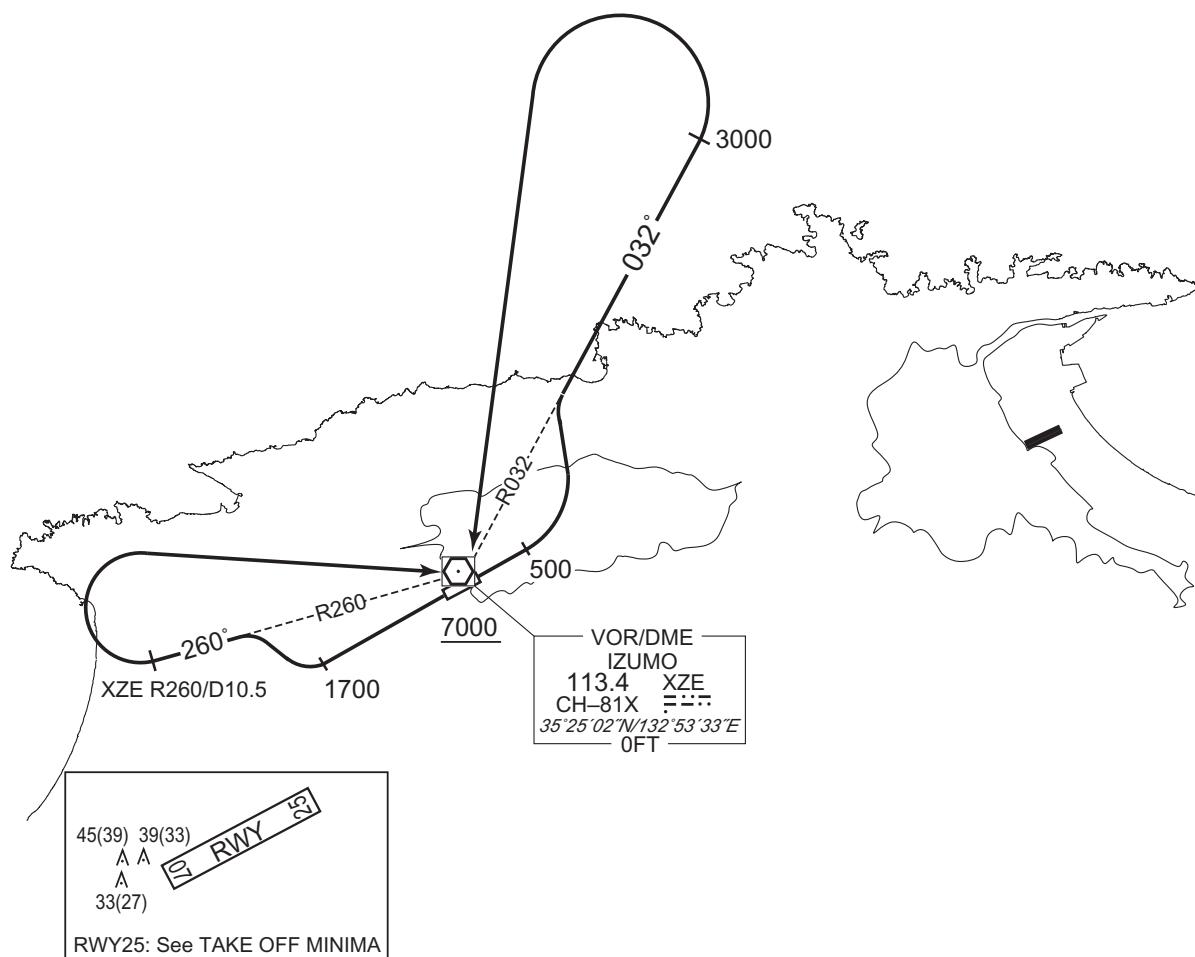
SID

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

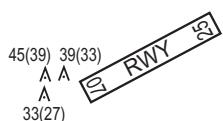
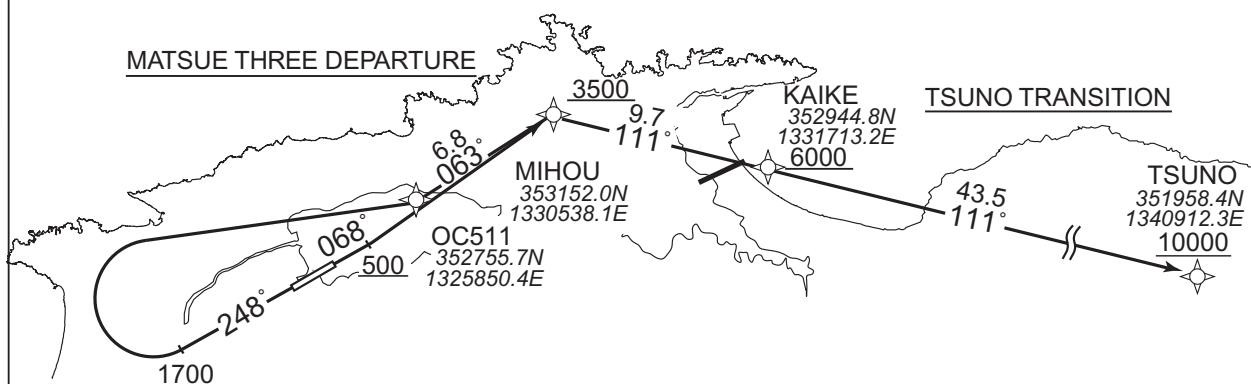
RNAV SID and TRANSITION

MATSUE THREE DEPARTURE
TSUNO TRANSITION

RNP1

Note GNSS required.

VAR 9°W



RWY25: See TAKE OFF MINIMA

CHANGE : VAR. PROC renamed. PROC course.

MATSUE THREE DEPARTURE

RWY07 : Climb on HDG068° at or above 500FT, direct to MIHOU at or above 3500FT.

RWY25 : Climb on HDG248° 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 059° 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.

TSUNO TRANSITION

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

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 (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 (239.3) | -8.6 | - | - | +1700 | - | - | RNP1 |
| 002 | DF | OC511 | - | - | -8.6 | - | R | - | - | - | RNP1 |
| 003 | TF | MIHOU | - | 063 (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 (102.6) | -8.6 | 9.7 | - | +6000 | - | - | RNP1 |
| 003 | TF | TSUNO | - | 111 (102.7) | -8.6 | 43.5 | - | +10000 | - | - | RNP1 |

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

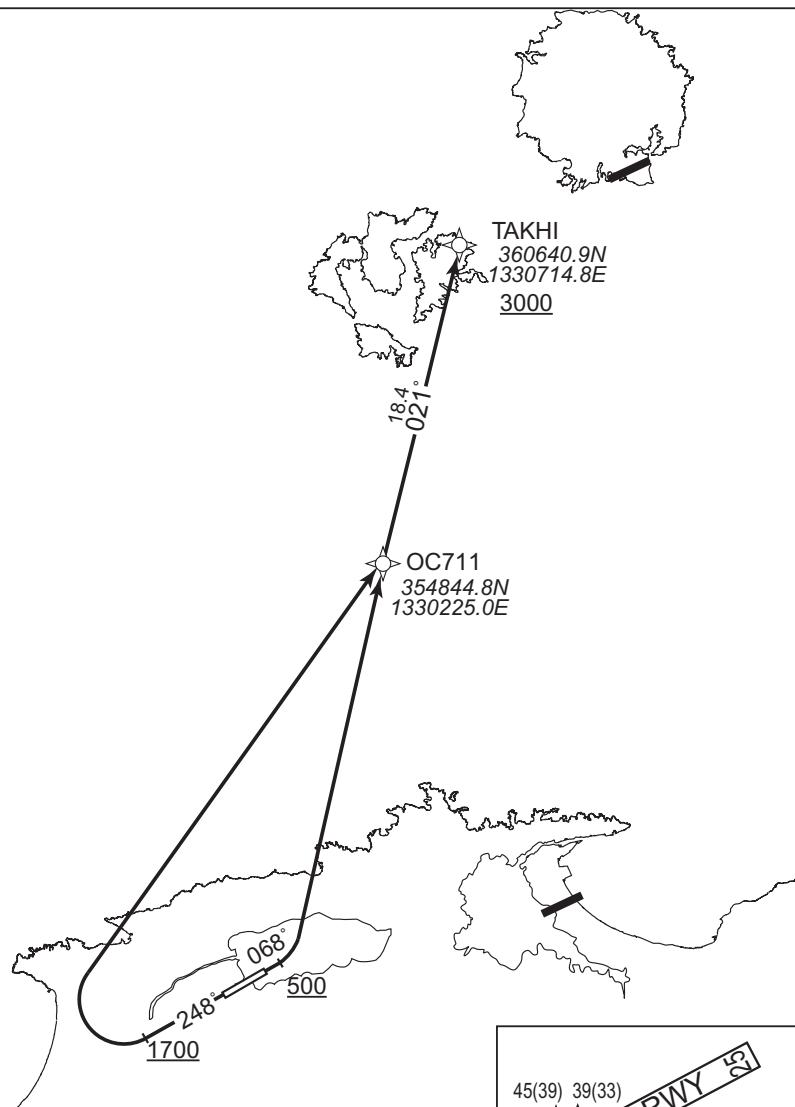
RNAV SID

TAKHI TWO DEPARTURE

RNP1

Note GNSS required.

VAR 9°W



CHANGE : PROC renamed. PROC course: VAR.

RWY07 : Climb on HDG068° at or above 500FT, turn left direct to OC711,
to TAKHI at or above 3000FT.

RWY25 : Climb on HDG248° at or above 1700FT, turn right direct to OC711,
to TAKHI at or above 3000FT.

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.

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 (059.3) | -8.6 | - | - | +500 | - | - | RNP1 |
| 002 | DF | OC711 | - | - | -8.6 | - | L | - | - | - | RNP1 |
| 003 | TF | TAKHI | - | 021 (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 (239.3) | -8.6 | - | - | +1700 | - | - | RNP1 |
| 002 | DF | OC711 | - | - | -8.6 | - | R | - | - | - | RNP1 |
| 003 | TF | TAKHI | - | 021 (012.3) | -8.6 | 18.4 | - | +3000 | - | - | RNP1 |

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

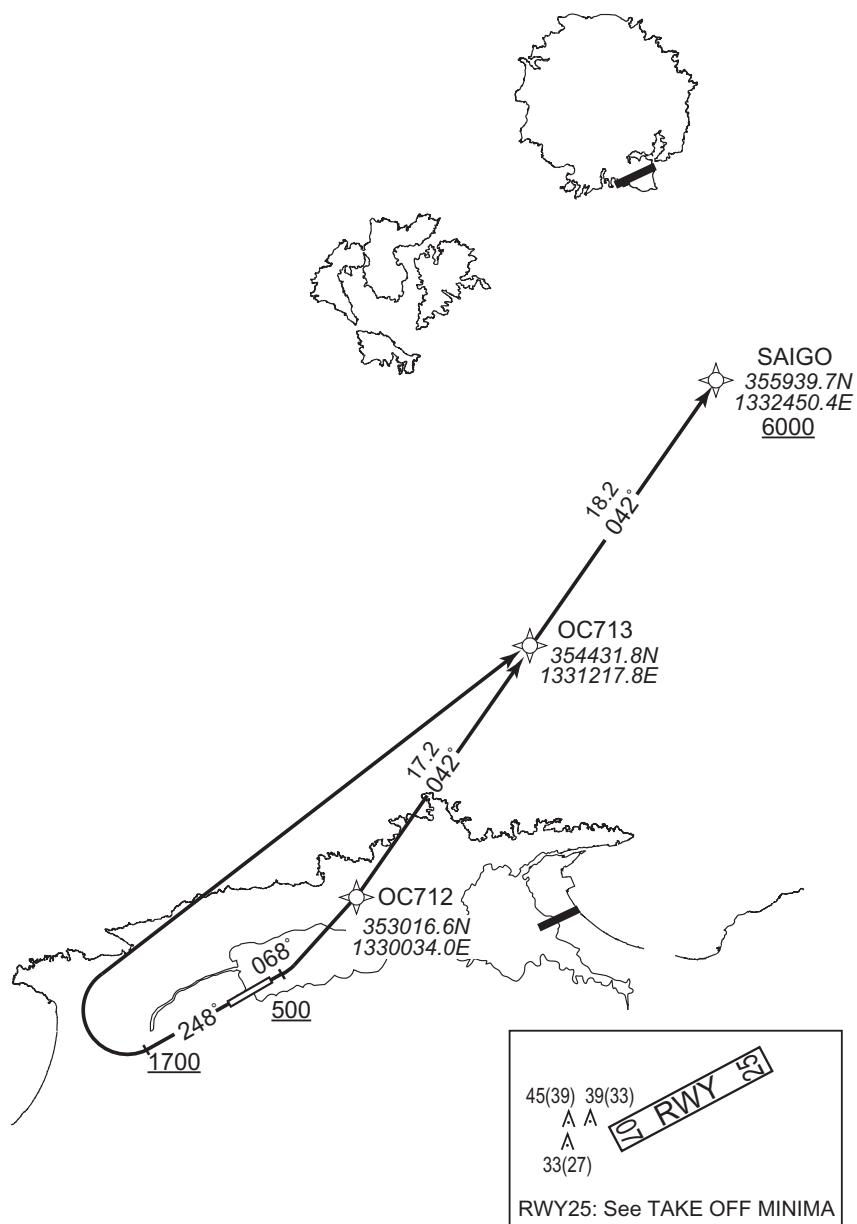
RNAV SID

SAIGO TWO DEPARTURE

RNP1

Note GNSS required.

VAR 9°W



CHANGE : PROC renamed. PROC course: VAR.

RWY07 : Climb on HDG068° at or above 500FT, turn left direct to OC712, to OC713, to SAIGO at or above 6000FT.

RWY25 : Climb on HDG248° at or above 1700FT, turn right direct to OC713, to SAIGO at or above 6000FT.

NOTE RWY07 : 4.6% climb gradient required up to 800FT.

OBST ALT 1214FT located at 6.8NM 045° 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.

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

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

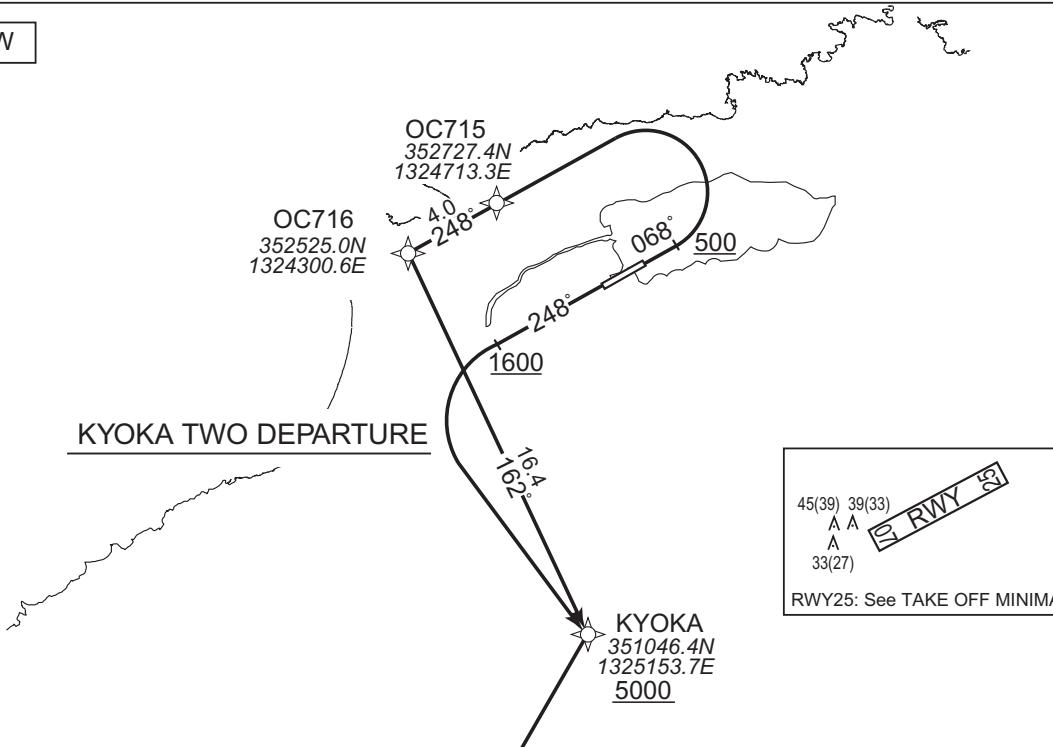
RNAV SID and TRANSITION

KYOKA TWO DEPARTURE
CARPS TRANSITION

RNP1

Note GNSS required.

VAR 9°W



CHANGE : PROC renamed. PROC course. VAR.

KYOKA TWO DEPARTURE

RWY07 : Climb on HDG068° at or above 500FT, turn left direct to OC715, to OC716,to KYOKA at or above 5000FT.

RWY25 : Climb on HDG248° at or above 1600FT, turn left direct to KYOKA at or above 5000FT.

NOTE RWY07 : 4.6% climb gradient required up to 1800FT.

OBST ALT 1739FT located at 6.3NM 281° FM end of RWY07.

RWY25 : 3.8% climb gradient required up to 2400FT.

OBST ALT 1969FT located at 10.8NM 223°FM end of RWY25.

CARPS TRANSITION

From KYOKA, to CARPS at or above 7000FT.

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 (059.3) | -8.6 | - | - | +500 | - | - | RNP1 |
| 002 | DF | OC715 | - | - | -8.6 | - | L | - | - | - | RNP1 |
| 003 | TF | OC716 | - | 248 (239.3) | -8.6 | 4.0 | - | - | - | - | RNP1 |
| 004 | TF | KYOKA | - | 162 (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 (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 (208.4) | -8.6 | 52.7 | - | +7000 | - | - | RNP1 |

CHANGE : PROC renamed. PROC course. VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

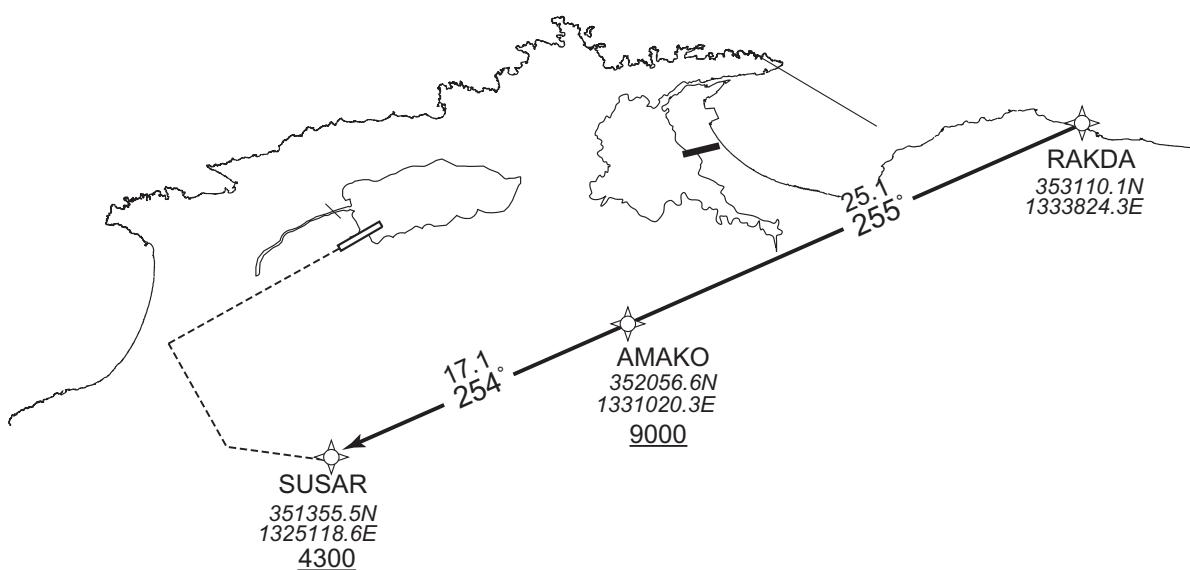
RNAV STAR RWY07

SUSAR ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From RAKDA, to AMAKO at or above 9000FT, to SUSAR at or above 4300FT.

| 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 | AMAKO | - | 255 (246.0) | -8.6 | 25.1 | - | +9000 | - | - | RNP1 |
| 003 | TF | SUSAR | - | 254 (245.8) | -8.6 | 17.1 | - | +4300 | - | - | RNP1 |

CHANGE : PROG course VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

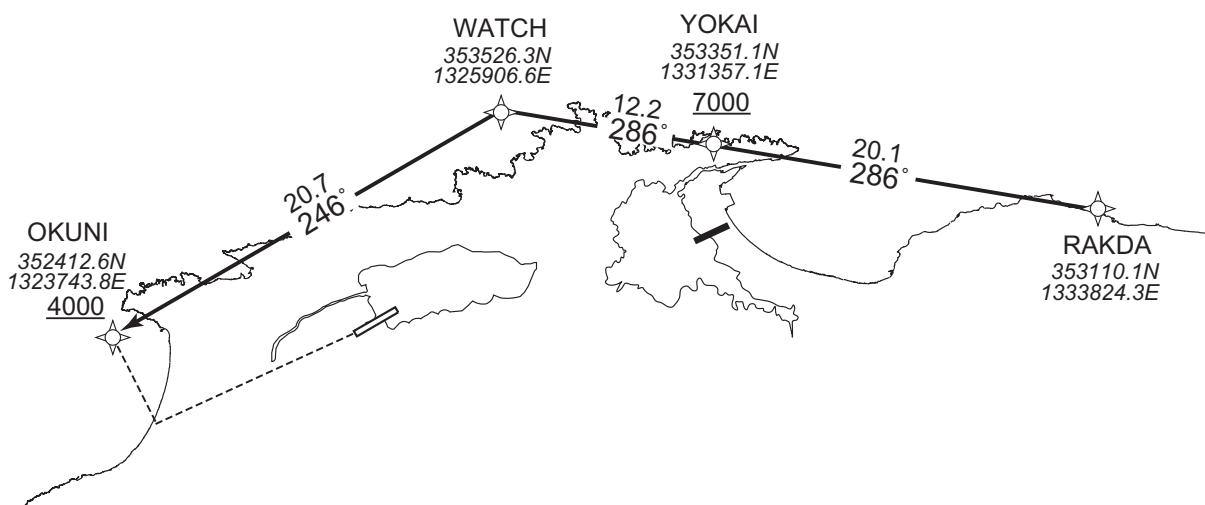
RNAV STAR RWY07

OKUNI ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



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

RJOC / IZUMO

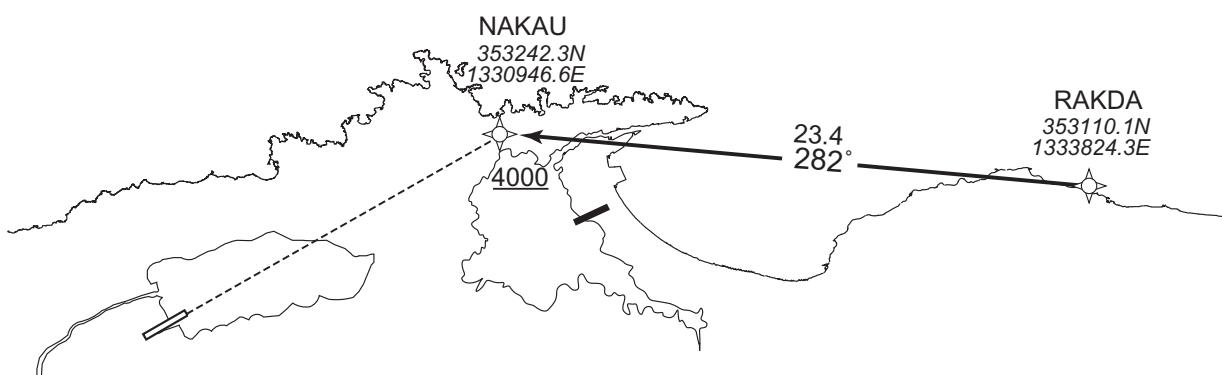
RNAV STAR RWY25

NAKAU ARRIVAL

RNP1

Note GNSS required.

VAR 9°W

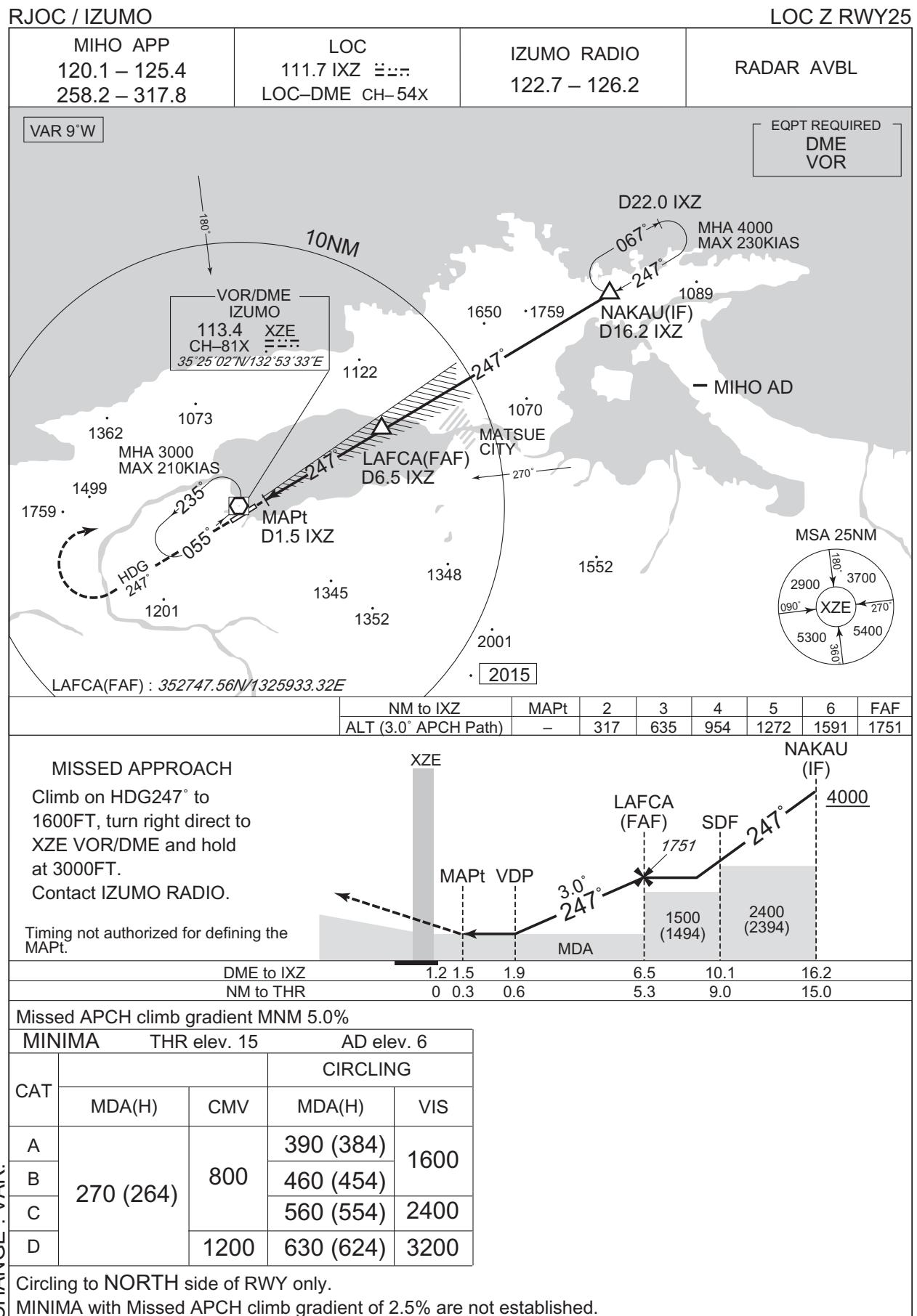


From RAKDA, to NAKAU at or above 4000FT.

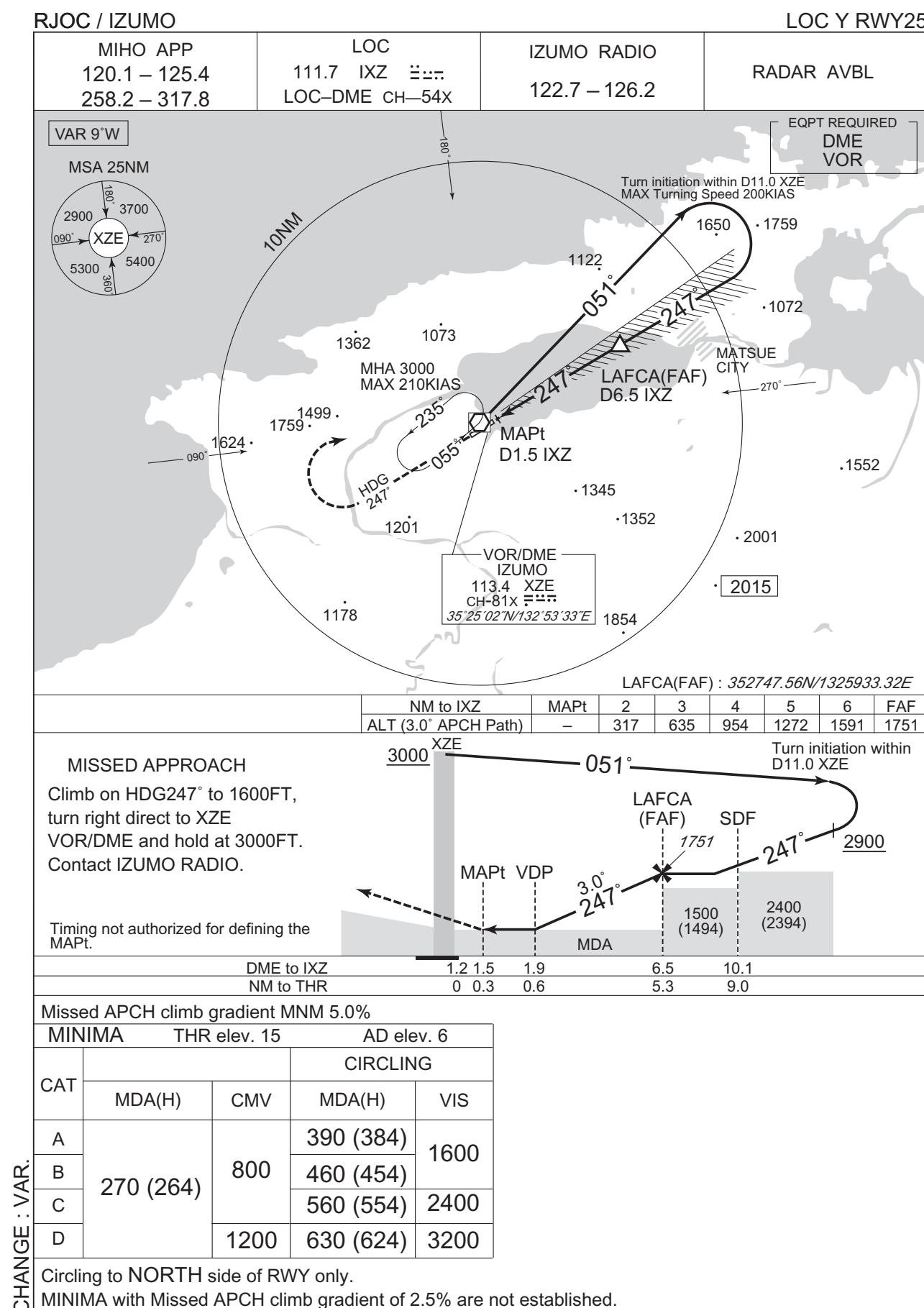
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | RAKDA | - | - | -8.6 | - | - | - | - | - | RNP1 |
| 002 | TF | NAKAU | - | 282 (273.9) | -8.6 | 23.4 | - | +4000 | - | - | RNP1 |

CHANGE : VAR.

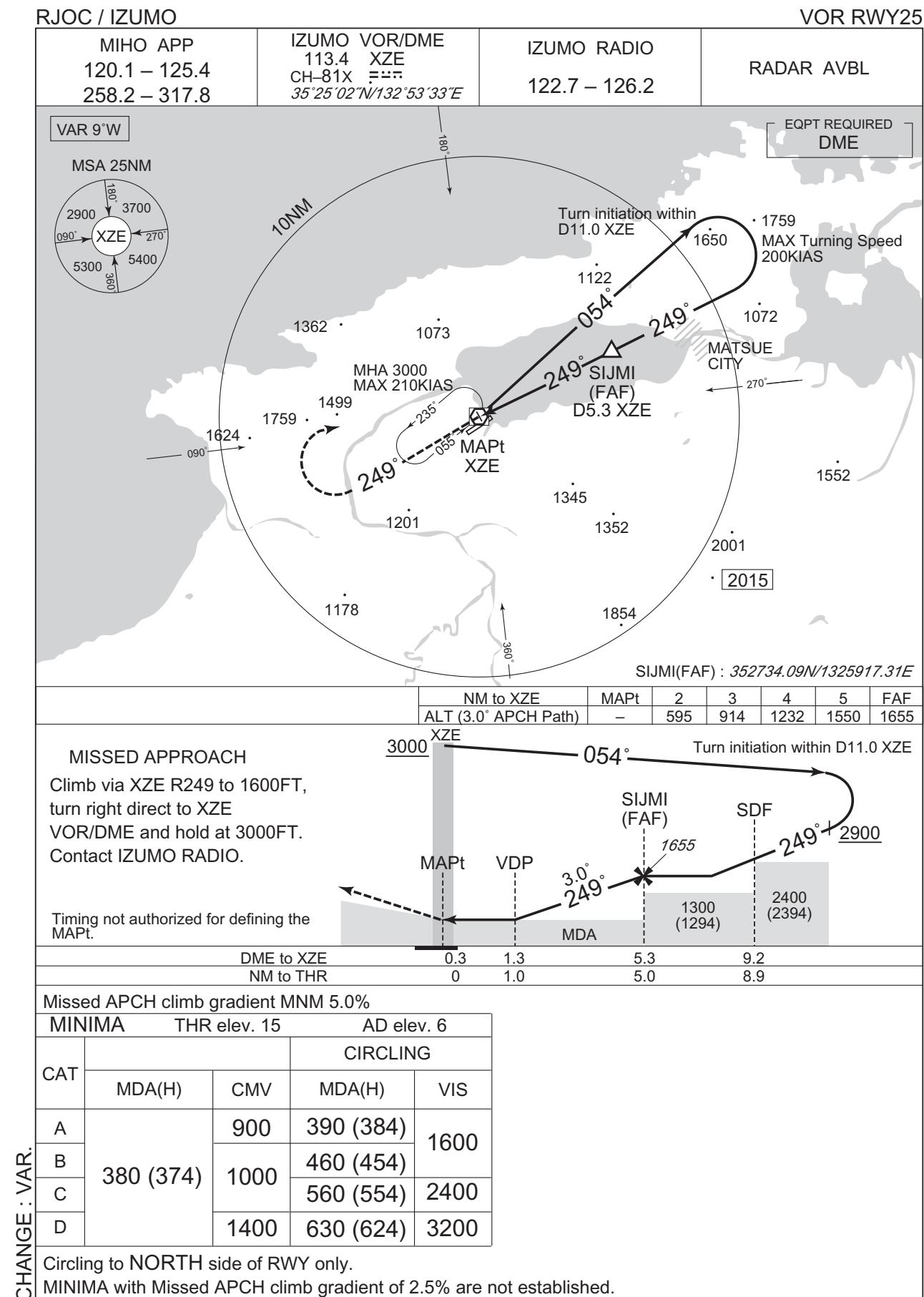
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

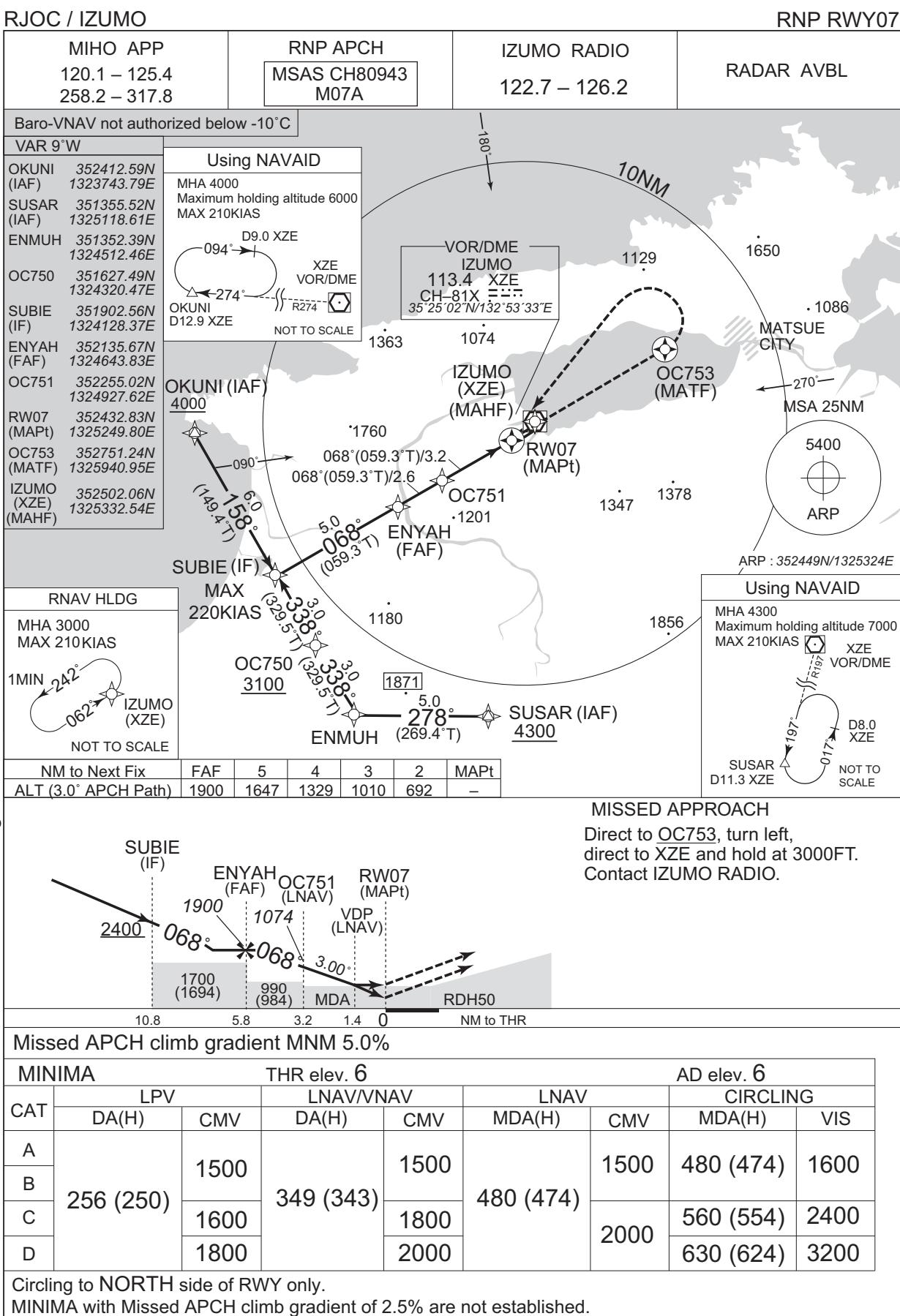


INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

CHANGE : PROC course. Missed APCH for using VOR/DME abolished. MSAS CH added. VAR. NM to THR for VDP. Missed APCH climb gradient MNM established. MINIMA.



INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNP RWY07

FAS DATA BLOCK

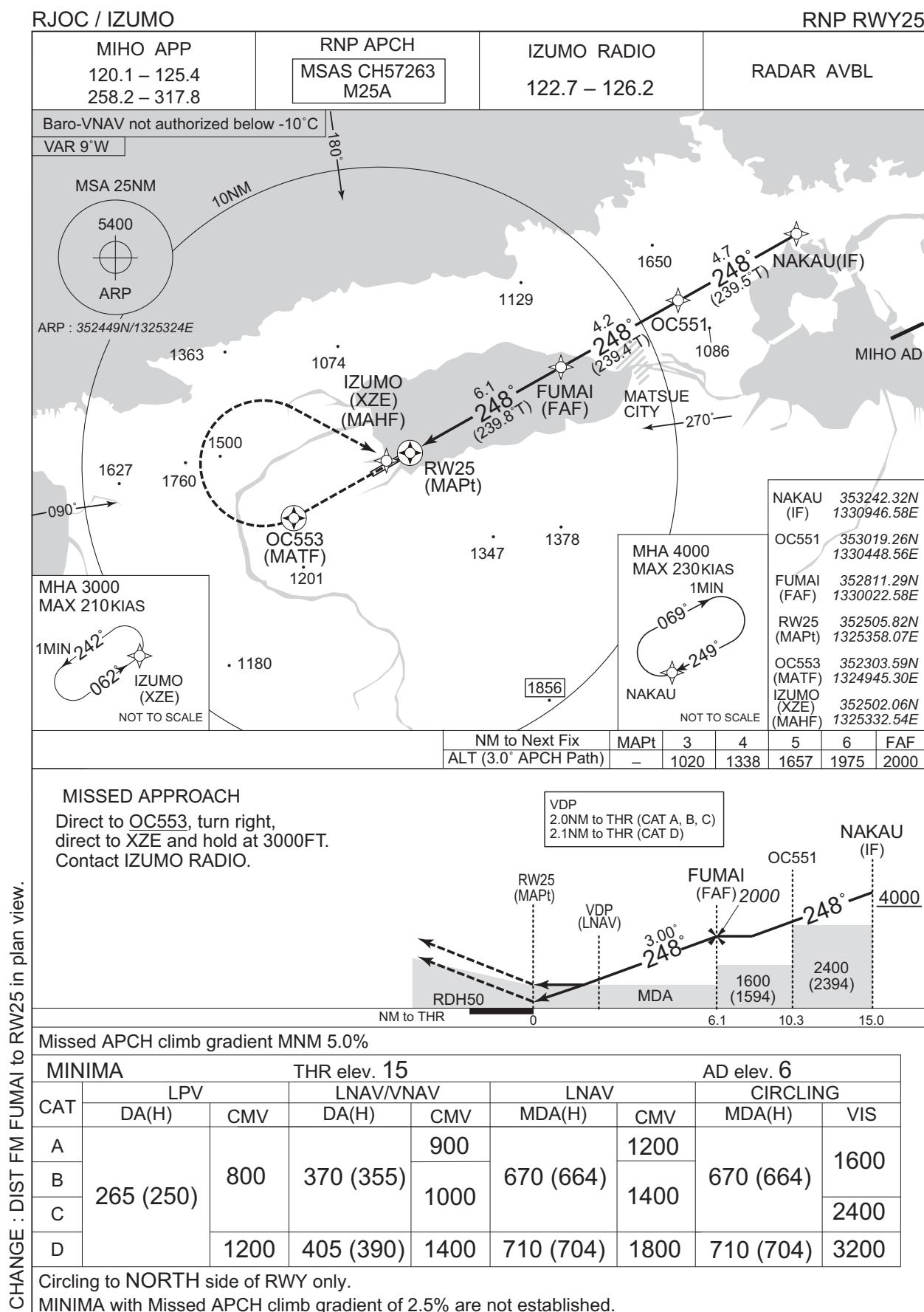
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00360 |
| SBAS service provider identifier | 2 | FPAP latitude | 352505.7945N |
| Airport identifier | RJOC | FPAP longitude | 1325358.0770E |
| 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



INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNP RWY25

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| 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 | | |

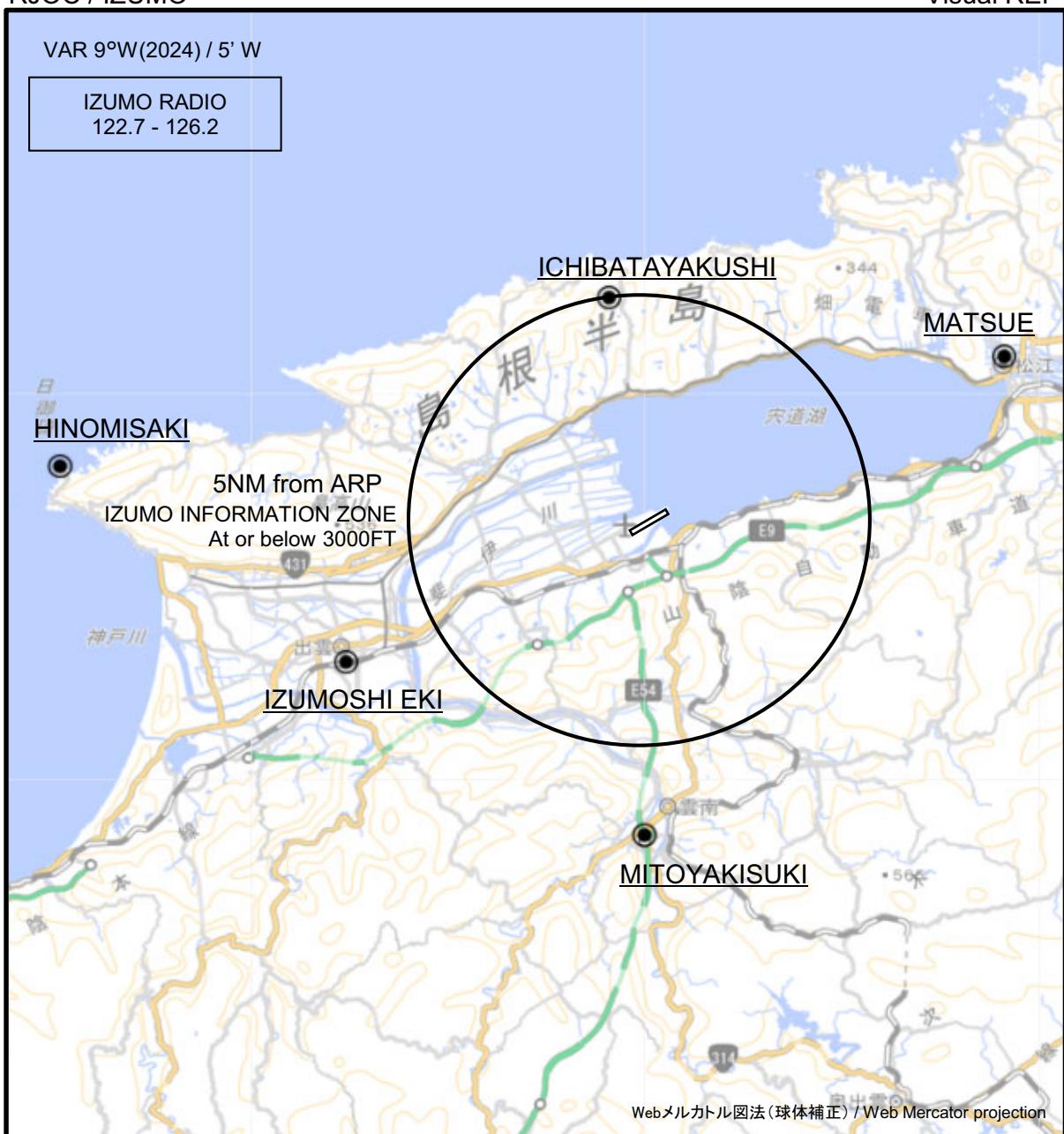
Required additional data

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

CHANGE : FAS DATA BLOCK, Required additional data established.

RJOC / IZUMO

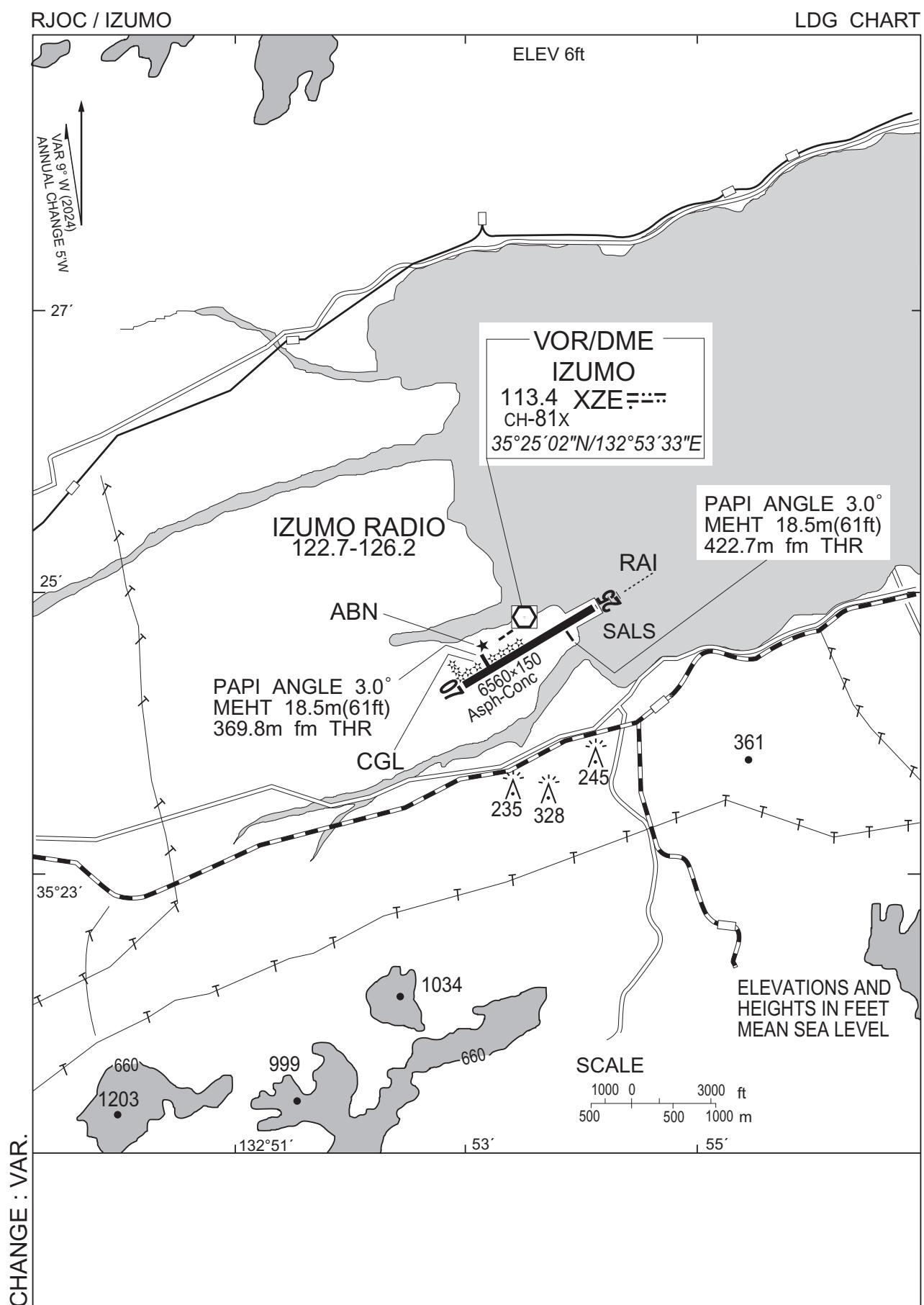
Visual REP



※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 |
|-------------------------|---------------------|-------------------|
| 一畠薬師 Ichibatayakushi | 351°T / 5.0NM | 寺 Temple |
| 松江 Matsue | 064°T / 8.7NM | 城 Castle |
| 日御崎 Hinomisaki | 275°T / 12.8NM | 灯台 Lighthouse |
| 出雲市駅 Izumoshi Eki | 244°T / 7.2NM | JR駅 Station |
| 三刀屋木次 Mitoyakisuki | 180°T / 7.0NM | IC Interchange |

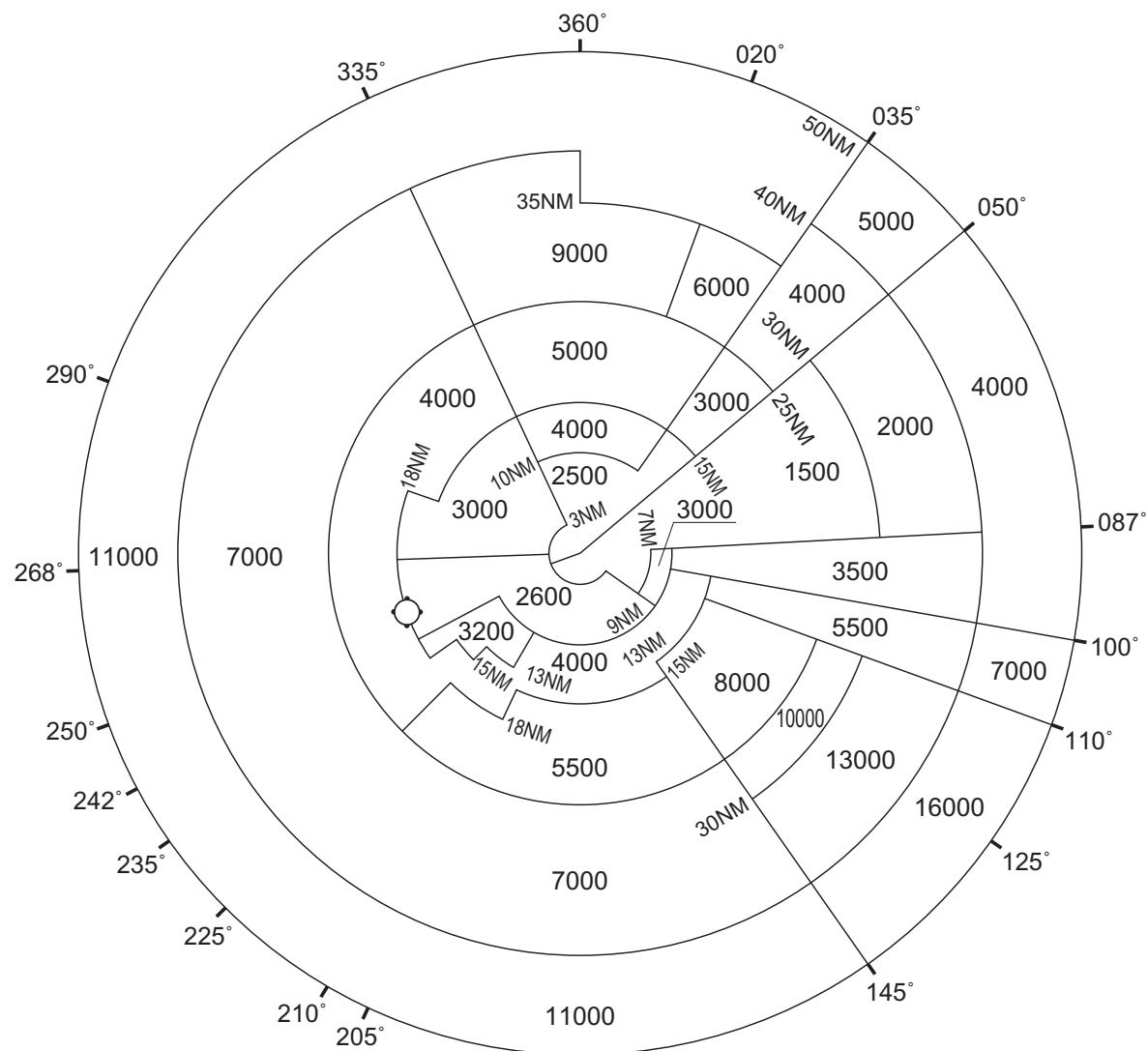
CHANGE : VAR.



RJOC / IZUMO

Minimum Vectoring Altitude CHART

VAR 9°W (2024)



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

CHANGE : VAR.