# AD 2 AERODROMES

## RJAZ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJAZ - KOZUSHIMA

## RJAZ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | ARP coordinates and site at AD | *341122N 1390801E*<br>0.4km from RWY 11 THR |
| 2 | Direction and distance from (city) | 1.7km S from Kozushima village office |
| 3 | Elevation/ Reference temperature | 454 FT / 28°C (2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 134ft |
| 5 | MAG VAR/ Annual change | 6° W / - |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Tokyo Municipal Govt.<br>Kinnaga Kozushima-mura Tokyo<br>Tel 04992-8-1311<br>Fax 04992-8-1313 |
| 7 | Types of traffic permitted(IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

## RJAZ AD 2.3 OPERATIONAL HOURS

| | | |
|---|---|---|
| 1 | AD Administration | 2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG]<br>2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL] |
| 2 | Customs and immigration | On request<br>Customs: 03-3599-6214<br>Immigration: 0570-034259(Department Number 210) |
| 3 | Health and sanitation | Quarantine(human): On request(03-3599-1515)<br>Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (TOKYO) |
| 7 | ATS | 2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG]<br>2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]<br>Remarks :AFIS provided by New Chitose Airport Office. |
| 8 | Fuelling | 2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG]<br>2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]<br>(On request) |
| 9 | Handling | 2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG]<br>2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL] |
| 10 | Security | 2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG]<br>2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL] |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

## RJAZ AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | Fuel : JET A-1 |
| 3 | Fuelling facilities/ capacity | Fuel tank |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

## RJAZ AD 2.5 PASSENGER FACILITIES

| | | |
|---|---|---|
| 1 | Hotels | Nil |
| 2 | Restaurants | Nil |
| 3 | Transportation | Nil |
| 4 | Medical facilities | Nil |
| 5 | Bank and Post Office | Nil |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

## RJAZ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CAT 3 |
| 2 | Rescue equipment | Chemical fire fighting truck x 1 |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

## RJAZ AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|---|---|
| 1 | Types of clearing equipment | Not applicable |
| 2 | Clearance priorities | Nil |
| 3 | Remarks | Nil |

## RJAZ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|---|---|
| 1 | Apron surface and strength | SURFACE : Asphalt concrete STRENGTH : PCN 6/F/C/Y/T |
| 2 | Taxiway width, surface and strength | WIDTH : 9m<br>SURFACE : Asphalt concrete STRENGTH : PCN 6/F/C/Y/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | Spot NR<br>1: *341123.79N 1390802.71E*<br>2: *341123.57N 1390803.68E*<br>3: *341123.36N 1390804.62E* |
| 6 | Remarks | Nil |

## RJAZ 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 11/29<br>(Marking) RWY designation, RWY CL, RWY middle point, RWY side stripe, RWY THR, TDZ, Aiming point<br><br>TWY :<br>(Marking) TWY CL, TWY side stripe, RWY HLDG PSN |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area |

## RJAZ AD 2.10 AERODROME OBSTACLES

- In Area2 See Obstacle data
- In Area3 To be developed

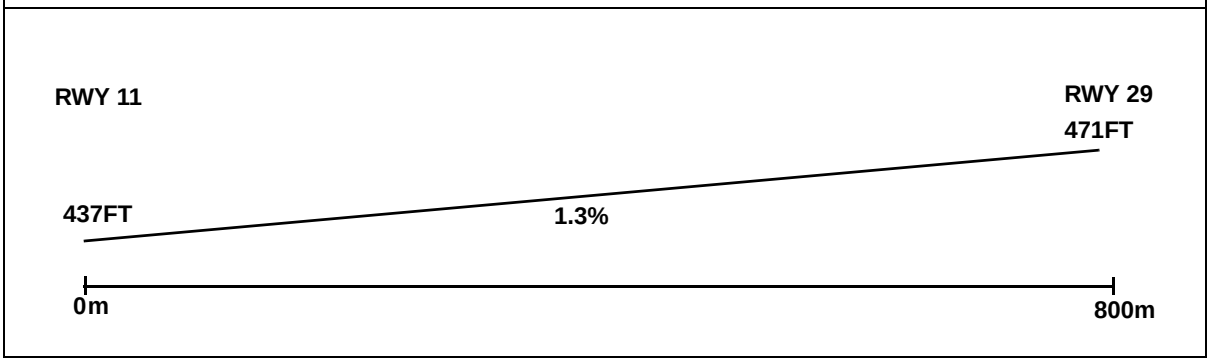
## RJAZ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|---|---|---|
| 1 | Associated MET Office | TOKYO |
| 2 | Hours of service<br>MET Office outside hours | H24(TOKYO) |
| 3 | Office responsible for TAF preparation<br>Periods of validity | Nil |
| 4 | Trend forecast<br>Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at TOKYO |
| 6 | Flight documentation<br>Language(s) used | C<br>En |
| 7 | Charts and other information available for briefing or consultation | $S_6$, $U_{85}$, $U_7$, $U_5$, $U_3$, $U_{25}$, $U_2$/Tr, $P_S$, $P_5$, $P_3$, $P_{25}$, $P_{SWE}$, $P_{SWF}$, $P_{SWG}$, $P_{SWI}$, $P_{SWM}$, $P_{SW}$(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 |

## RJAZ 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 |
| 11 | 105.11° | 800×25 | PCN 6/F/C/Y/T<br>Asphalt Concrete | *341125.37N*<br>*1390745.48E* | THR ELEV: 437FT |
| 29 | 285.11° | 800×25 | PCN 6/F/C/Y/T<br>Asphalt Concrete | *341118.61N*<br>*1390815.65E* | THR ELEV: 471FT |

| Slope of RWY | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks |
|---|---|---|---|
| 7 | 10 | 11 | 14 |
| See Below Figure | 920×60<br>920×60 | 40×50<br>40×50 | RWY Grooving: 800m×17m |



## RJAZ AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 11<br>29 | 800<br>800 | 800<br>800 | 800<br>800 | 800<br>800 | Nil<br>Nil |

## RJAZ 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 |
| 11 | Nil | Nil | PAPI<br>3.0° /LEFT<br>83m<br>18FT | Nil | Nil | Nil | Nil | Nil |
| 29 | Nil | Nil | PAPI<br>3.0° /LEFT<br>145m<br>18FT | Nil | Nil | Nil | Nil | Nil |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| RWY THR ID LGT for RWY 11/29 THR (Color : White) | | | | | | | | |

## RJAZ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|---|---|
| 1 | ABN/IBN location, characteristics and hours of operation | Nil |
| 2 | LDI location and LGT<br>Anemometer location and LGT | Anemometer : RWY 11 : 84m from RWY 11 THR, LGTD<br>RWY 29 : 90m from RWY 29 THR, LGTD |
| 3 | TWY edge and center line lighting | Nil |
| 4 | Secondary power supply/ switch-over time | Within 15 sec: PAPI, RWY THR ID LGT |
| 5 | Remarks | Nil |

## RJAZ AD 2.16 HELICOPTER LANDING AREA

| |
|---|
| Nil |

## RJAZ 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 |
| KOZUSHIMA INFORMATION ZONE | Area within a radius of 5nm(9km) of KOZUSHIMA ARP | 3000 or below | E | Izu Radio En | |

## RJAZ AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Izu Radio | 124.3MHz | 2330-0815<br>[2330 20th APR - 0815 10th MAY,<br>2330 15th JUL - 0815 31st AUG]<br>2330-0730<br>[2330 31st AUG - 0730 20th APR,<br>2330 10th MAY - 0730 15th JUL] | Operated by New Chitose Airport Office |

## RJAZ 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 |
| TACAN | NJT | 1199MHz (CH-112X) | H24 | *342051.99N / 1391618.43E* | 994ft | TACAN Unusable:<br>000°-020° beyond 25NM BLW 5000ft<br>040°-100° beyond 35NM BLW 3000ft<br>170°-180° beyond 35NM BLW 3000ft<br>220°-230° beyond 25NM BLW 4000ft<br>300°-310° beyond 30NM BLW 3000ft |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based. |

## RJAZ AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

| |
|---|
| Nil |

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

In principle, no flight training is permitted.
To apply for an exception, the administrator's prior permission is required.

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

## RJAZ AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

## RJAZ AD 2.22 FLIGHT PROCEDURES

**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 | 11 | A,B | - | - | - | 200-2400m | - | 200-2400m |
| | 29 | A,B | - | - | - | 0-400m | - | 0-500m |
| OTHER | 11 | A,B | AVBL LDG MINIMA | | | | | |
| | 29 | A,B | | | | | | |

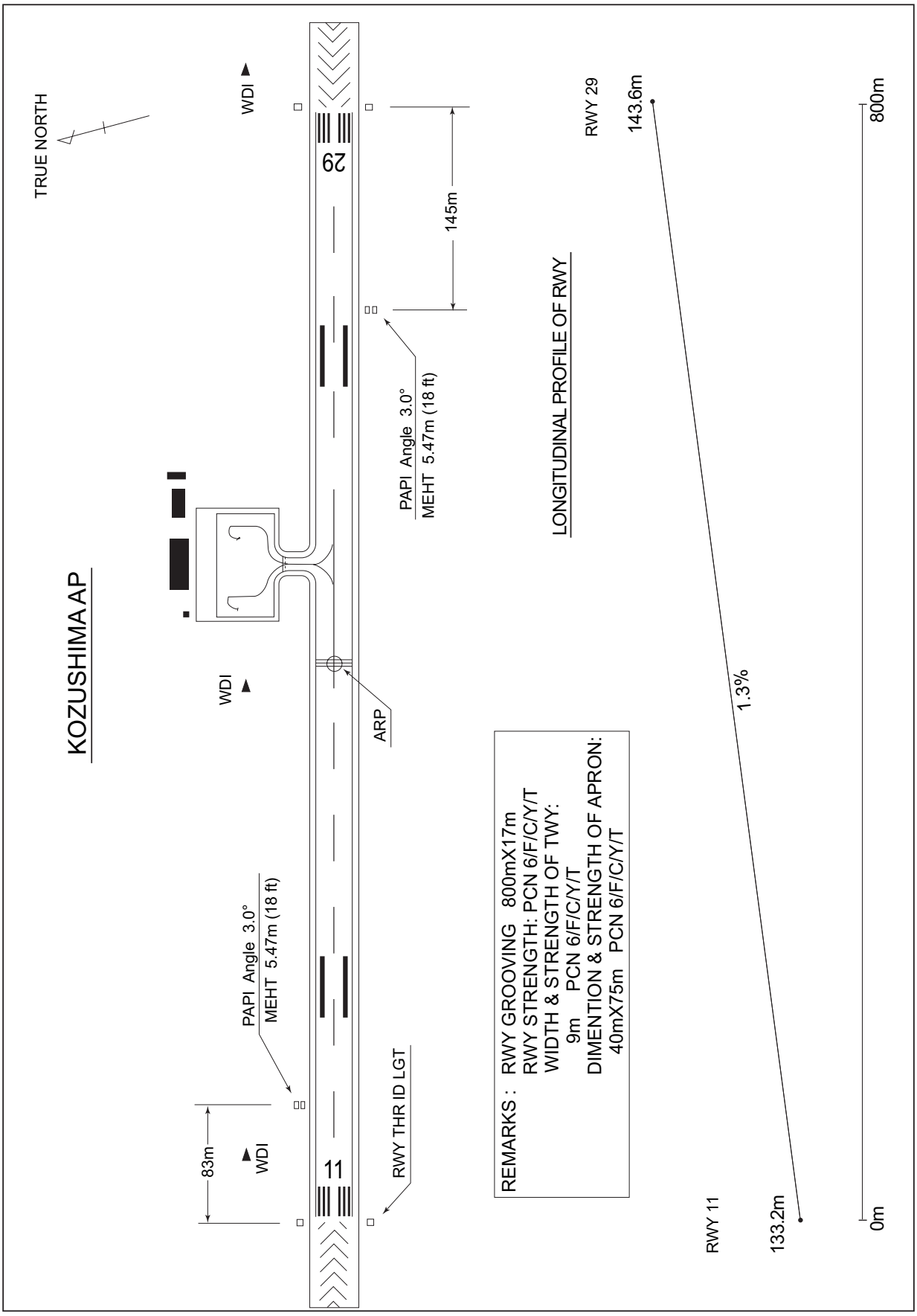
## RJAZ AD 2.23 ADDITIONAL INFORMATION

| |
|---|
| Nil |

## RJAZ AD 2.24 CHARTS RELATED TO AN AERODROME

| |
|---|
| Aerodrome/Heliport Chart |
| Standard Departure Chart - Instrument (KOZU-RNAV) |
| Instrument Approach Chart (RNP RWY11) |
| Instrument Approach Chart (RNP RWY29) |
| Other Chart (Visual REP) |
| Other Chart (MVA Chart) |

RJAZ / KOZUSHIMA AD CHART



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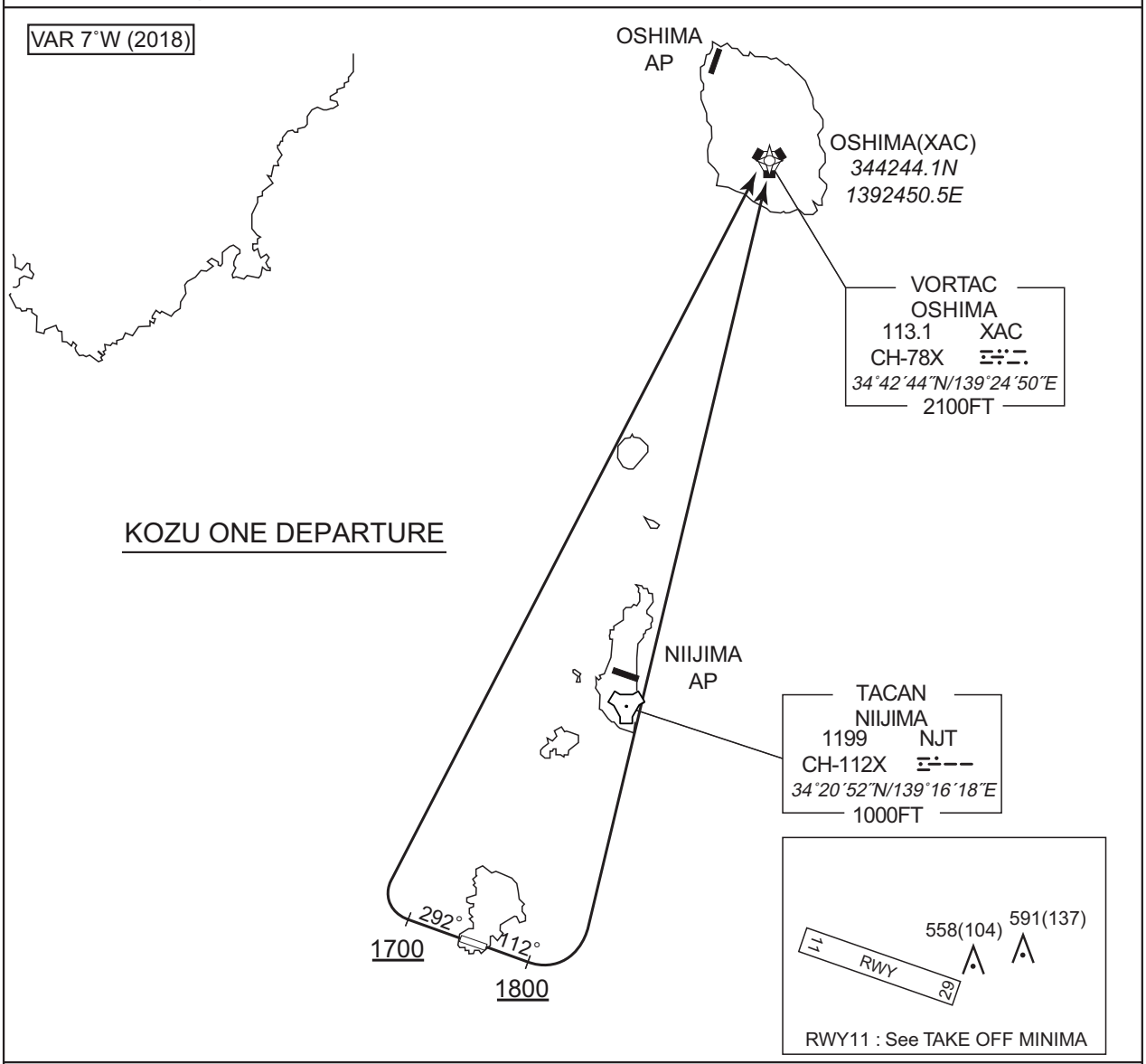
STANDARD DEPARTURE CHART-INSTRUMENT

RJAZ / KOZUSHIMA

RNAV SID

| KOZU ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




## KOZU ONE DEPARTURE

RWY11 : Climb on HDG112˚ at or above 1800FT, turn left direct to XAC.
RWY29 : Climb on HDG292˚ at or above 1700FT, turn right direct to XAC.

NOTE RWY11 : 5.0% climb gradient required up to 2100FT.
OBST ALT 1903FT located 1.9NM 042˚ FM end of RWY11.

NOTE RWY29 : 5.0% climb gradient required up to 2200FT.
OBST ALT 1969FT located 2.1NM 041˚ FM end of RWY29.

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJAZ / KOZUSHIMA RNAV SID

## KOZU ONE DEPARTURE

RWY11

| 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 | – | – | 112 (105.2) | -7.1 | – | – | +1800 | – | – | Basic RNP1 |
| 002 | DF | XAC | – | – | -7.1 | – | L | – | – | – | Basic RNP1 |

RWY29

| 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 | – | – | 292 (285.2) | -7.1 | – | – | +1700 | – | – | Basic RNP1 |
| 002 | DF | XAC | – | – | -7.1 | – | R | – | – | – | Basic RNP1 |

CHANGE : New PROC

**INSTRUMENT APPROACH CHART**

RJAZ / KOZUSHIMA

RNP RWY11

| TOKYO CONTROL<br>133.7 – 133.35<br>309.4 – 312.0 | RNP APCH | IZU RADIO<br>124.3<br>AFIS provided by<br>New Chitose Airport Office | NO RADAR |
|---|---|---|---|

Baro-VNAV not authorized

VAR 7˚W(2014)

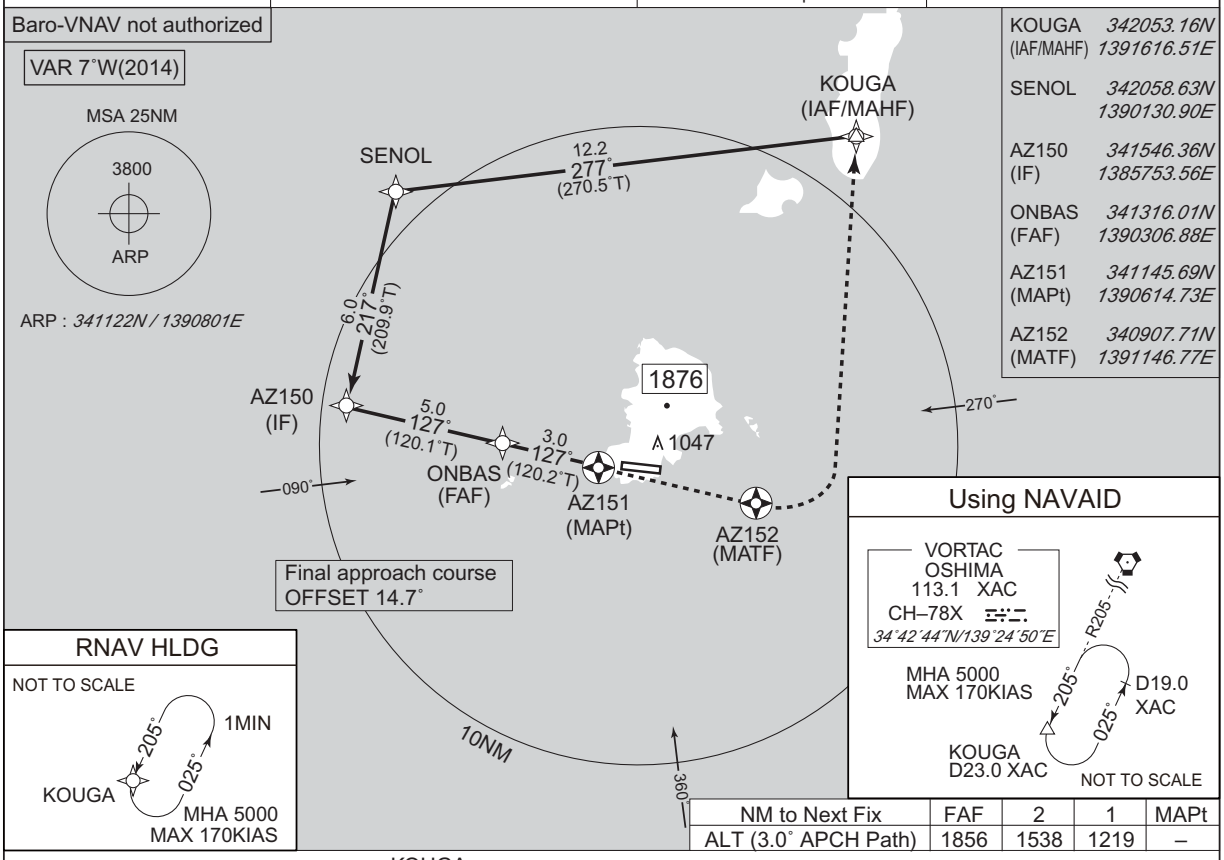
MSA 25NM

3800

ARP

ARP : *341122N / 1390801E*

| | |
|---|---|
| KOUGA (IAF/MAHF) | *342053.16N 1391616.51E* |
| SENOL | *342058.63N 1390130.90E* |
| AZ150 (IF) | *341546.36N 1385753.56E* |
| ONBAS (FAF) | *341316.01N 1390306.88E* |
| AZ151 (MAPt) | *341145.69N 1390614.73E* |
| AZ152 (MATF) | *340907.71N 1391146.77E* |




RNAV HLDG

NOT TO SCALE




Using NAVAID

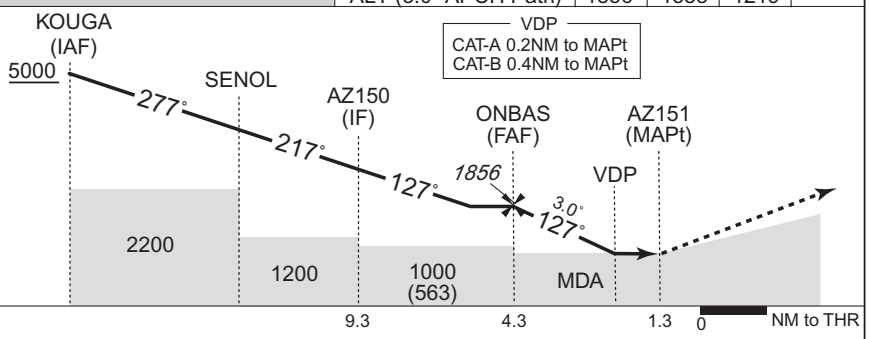
VORTAC
OSHIMA
113.1 XAC
CH–78X
*34˚42´44˚N/139˚24´50˚E*




| NM to Next Fix | FAF | 2 | 1 | MAPt |
|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | 1856 | 1538 | 1219 | – |

MISSED APROACH

Climb direct to AZ152, turn left, direct to KOUGA and hold at 5000FT. Contact IZU RADIO.




Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 437 AD elev. 454

| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|---|---|---|---|---|---|---|
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | Not applicable | – | 910 (473) | 1500 | 910 (456) | 1600 |
| B | | | 960 (523) | | 960 (506) | |
| C | | | – | – | – | – |
| D | | | | | | |

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE:PROC renamed. Requirement for RNP.

**INSTRUMENT APPROACH CHART**

RJAZ / KOZUSHIMA

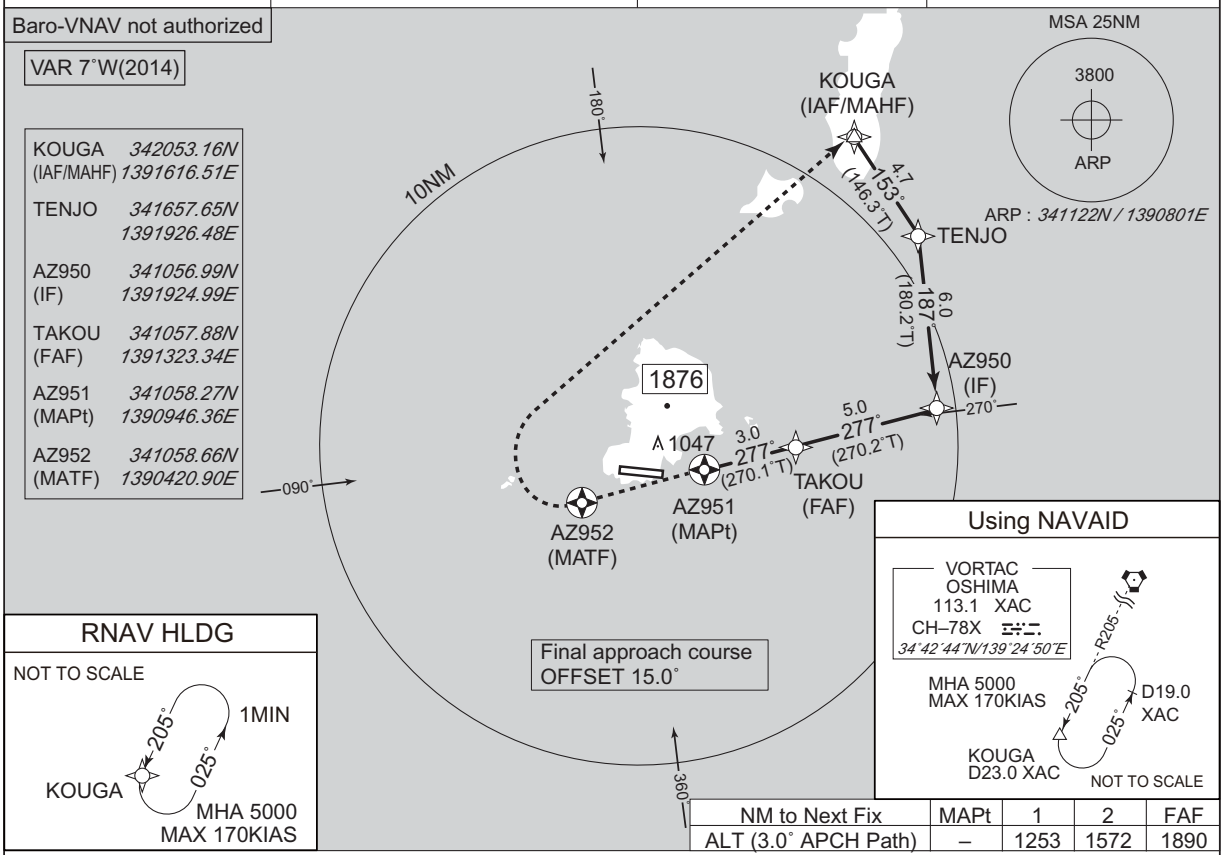
RNP RWY29

| TOKYO CONTROL<br>133.7 – 133.35<br>309.4 – 312.0 | RNP APCH | IZU RADIO<br>124.3<br>AFIS provided by<br>New Chitose Airport Office | NO RADAR |
|---|---|---|---|

Baro-VNAV not authorized

VAR 7˚W(2014)

| | | |
|---|---|---|
| KOUGA (IAF/MAHF) | 342053.16N | 1391616.51E |
| TENJO | 341657.65N | 1391926.48E |
| AZ950 (IF) | 341056.99N | 1391924.99E |
| TAKOU (FAF) | 341057.88N | 1391323.34E |
| AZ951 (MAPt) | 341058.27N | 1390946.36E |
| AZ952 (MATF) | 341058.66N | 1390420.90E |




**Using NAVAID**

VORTAC
OSHIMA
113.1 XAC
CH–78X
34˚42'44"N/139˚24'50"E

MHA 5000
MAX 170KIAS




NOT TO SCALE

**RNAV HLDG**

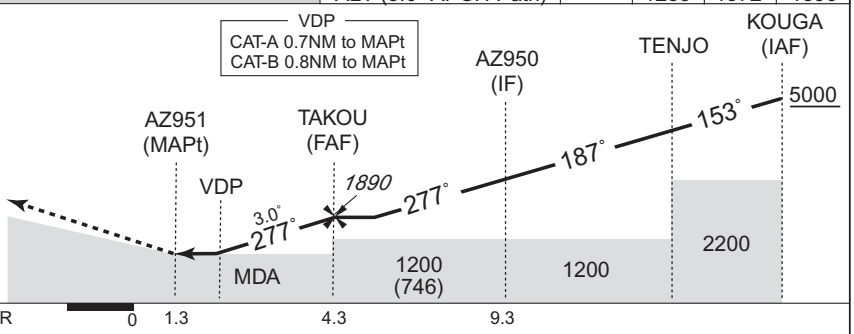
NOT TO SCALE




| NM to Next Fix | MAPt | 1 | 2 | FAF |
|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | – | 1253 | 1572 | 1890 |

**MISSED APROACH**

Climb direct to AZ952,
turn right, direct to KOUGA
and hold at 5000FT.
Contact IZU RADIO.




Missed APCH climb gradient MNM 3.0%

**MINIMA** THR elev. 471 AD elev. 454

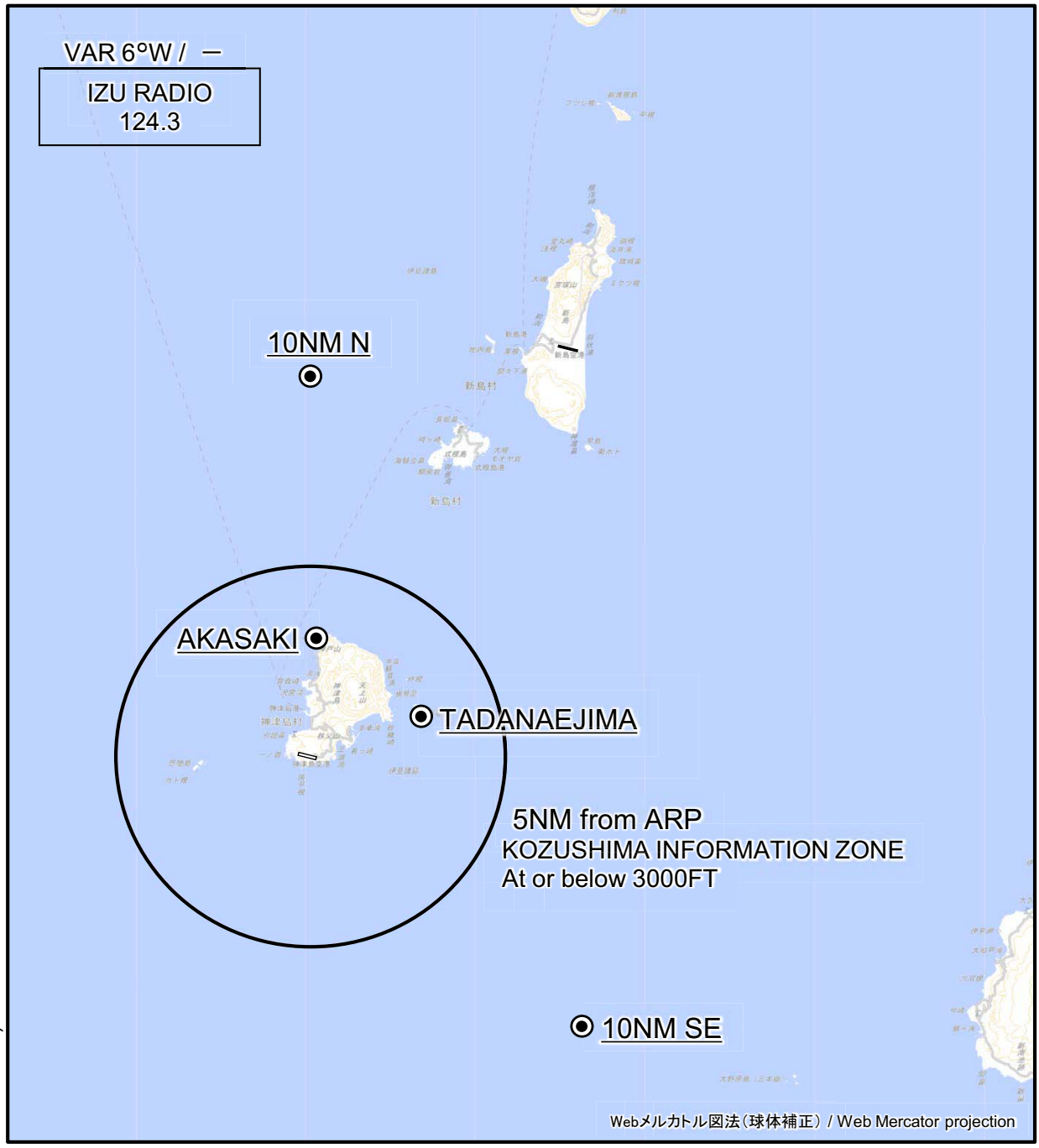
| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|---|---|---|---|---|---|---|
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | Not applicable | – | 1090 (636) | 1500 | 1090 (636) | 1600 |
| B | | | 1110 (656) | | 1110 (656) | |
| C | | | – | – | – | – |
| D | | | | | | |

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE:PROC renamed. Requirement for RNP.

RJAZ / KOZUSHIMA

Visual REP

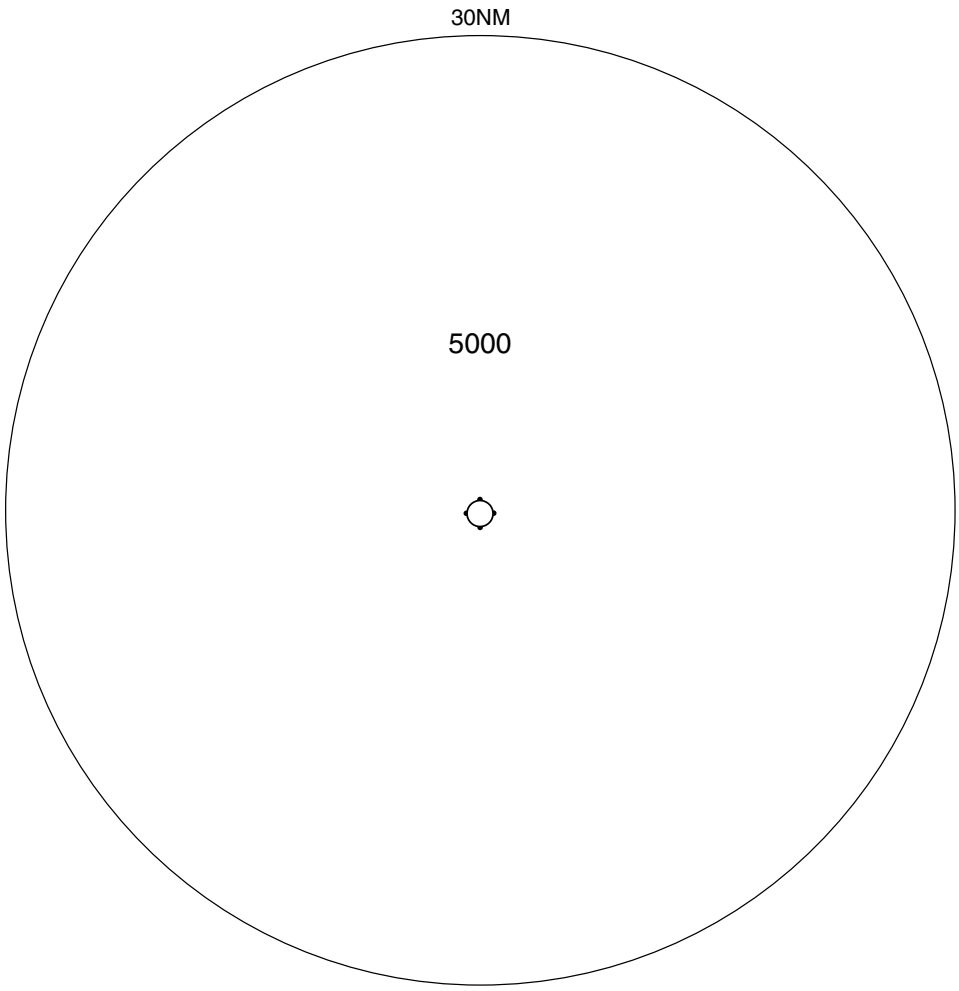



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Note(Call IZU RADIO on 124.3MHz) deleted.

| Call sign | BRG / DIST from ARP | Remarks |
|---|---|---|
| 10NM N | 360°T / 10.0NM | 海上<br>Over the sea |
| 赤崎<br>Akasaki | 003°T / 3.1NM | 岬<br>Cape |
| 祇苗島<br>Tadanaejima | 069°T / 3.0NM | 島<br>Island |
| 10NM SE | 135°T / 10.0NM | 海上<br>Over the sea |

RJAZ / KOZUSHIMA Minimum Vectoring Altitude CHART




CENTER : *341122N/1390801E* (ARP)