

AD 2 AERODROMES

RORY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RORY - YORON

RORY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 270238N/1282406E 034° / 600m FM RWY 14 THR |
| 2 | Direction and distance from (city) | 1.58km WSW from central Yoron-town |
| 3 | Elevation/ Reference temperature | 47ft / 32°C(2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | |
| 5 | MAG VAR/ Annual change | 6°W(2021) / 6°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | KAGOSHIMA Pref. Public AP. 517, Tachinaga, Yoron-cho, Oshima-gun, Kagoshima Pref. 891-9302, JAPAN TEL: 0997-97-3465 FAX: 0997-97-3545,0997-97-3465 |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RORY AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR) |
| 2 | Customs and immigration | On request Customs: 099-260-3125 Immigration: 099-222-5658 |
| 3 | Health and sanitation | Quarantine(human): On request(099-222-8670) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (FUKUOKA) |
| 7 | ATS | ATS: 2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR) Remarks: AFIS provided by Kagoshima Airport Office. |
| 8 | Fuelling | 2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR) |
| 9 | Handling | 2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR) |
| 10 | Security | 2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR) |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RORY AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|-----------------------|
| 1 | Cargo-handling facilities | Not Available |
| 2 | Fuel/ oil types | JET-A1 |
| 3 | Fuelling facilities/ capacity | By fuel truck 4000L/h |
| 4 | De-icing facilities | Not Available |
| 5 | Hangar space for visiting aircraft | Not Available |
| 6 | Repair facilities for visiting aircraft | Not Available |
| 7 | Remarks | Nil |

RORY AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|----------------------------------|
| 1 | Hotels | Hotels in the city |
| 2 | Restaurants | Available, Not continuous |
| 3 | Transportation | Buses, Taxies |
| 4 | Medical facilities | Hospitals in the city |
| 5 | Bank and Post Office | Bank and Post Office in the city |
| 6 | Tourist Office | Not Available |
| 7 | Remarks | Nil |

RORY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|----------------------------------|
| 1 | AD category for fire fighting | CAT 6 |
| 2 | Rescue equipment | Chemical fire fighting truck x 2 |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RORY AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RORY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | Surface : Asphalt-concrete Strength : PCN 18/F/D/Y/T |
| 2 | Taxiway width, surface and strength | Width : 18m Surface : Asphalt-concrete Strength : PCN 18/F/D/Y/T |
| 3 | ACL and elevation | Nil |
| 4 | VOR checkpoints | Nil |
| 5 | INS checkpoints | Nil |
| 6 | Remarks | Nil |

RORY 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:(RWY14/32) (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe TWY: (Marking) TWY CL, TWY side stripe, RWY HLDG PSN |
| 3 | Stop bars | Nil |
| 4 | Remarks | Nil |

RORY AD 2.10 AERODROME OBSTACLES

In Area2 Nil

In Area3 To be developed

RORY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | FUKUOKA |
| 2 | Hours of service MET Office outside hours | H24 (FUKUOKA) |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at FUKUOKA |
| 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 |

RORY 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 |
| 14 | 138.03° | 1200×30 | PCN 18/F/D/Y/T | | THR ELEV : 35.4FT |
| 32 | 318.03° | 1200×30 | Asphalt-concrete | | THR ELEV : 52.2FT |
| Slope of RWY | Strip Dimensions(M) | | RESA(Overrun) Dimensions(M) | Remarks | |
| 7 | 10 | | 11 | 14 | |
| See AD2.24. AD chart | 1320×120 | | 50x120 | RWY Grooving:1200m×20m | |
| | 1320×120 | | 50x120 | | |

RORY AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 14 | 1200 | 1200 | 1200 | 1200 | Nil |
| 32 | 1200 | 1200 | 1200 | 1200 | Nil |

RORY 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 |
| 14 | Nil | Nil | PAPI 3.0°/LEFT 237M 45FT | Nil | Nil | Nil | Nil | Nil |
| 32 | Nil | Nil | PAPI 3.0°/LEFT 286M 45FT | Nil | Nil | Nil | Nil | Nil |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| RWY THR ID LGT for RWY 14/32 THR(Color : White) | | | | | | | | |

RORY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | Nil |
| 2 | LDI location and LGT Anemometer location and LGT | LDI : Nil Anemometer : RWY center, lighted |
| 3 | TWY edge and center line lighting | Nil |
| 4 | Secondary power supply / switch-over time | All LGT / Within 15 sec |
| 5 | Remarks | WDI LGT |

RORY AD 2.16 HELICOPTER LANDING AREA

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

RORY 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 |
| Yoron Information Zone | Area within a radius of 5nm(9km) of Yoron ARP excluding area within a radius of 60nm of NHC VORTAC | 3,000 or below | E | Yoron Radio En | |

RORY AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|-------------|-----------|--|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Yoron Radio | 118.3MHz | 2330 - 0930 (1 APR - 30 SEP) 2330 - 0830 (1 OCT - 31 MAR) | Operated by Kagoshima Airport Office. |

RORY 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 (5°W / 2008) | YRE | 112.25MHz | 2330 - 0930(1) 2330 - 0830(2) | 270239.75N/ 1282352.89E | | (1)(1 APR - 30 SEP) (2)(1 OCT - 31 MAR) |
| DME | YRE | 1146MHz (CH-59Y) | 2330 - 0930(1) 2330 - 0830(2) | 270239.75N/ 1282352.89E | 74ft | |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based |

RORY AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

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|-----|
| Nil |
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2. Taxiing to and from stands

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

3. Parking area for small aircraft(General aviation)

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

RORY AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RORY AD 2.22 FLIGHT PROCEDURES**TAKE OFF MINIMA**

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL marking | | NIL (DAYTIME ONLY) | |
|--|-----|-------------|-----------------|-----|--------------------------------|-----|-----------------------|-----|
| | | | RVR | VIS | RVR | VIS | RVR | VIS |
| Multi-Engine ACFT-with TKOF ALTN AP Filed | 14 | A,B,C | - | - | - | 400 | - | 500 |
| | 32 | | | | | | | |
| OTHER | 14 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 32 | | | | | | | |

RORY AD 2.23 ADDITIONAL INFORMATION

Nil

RORY AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument
 Standard Arrival Chart - Instrument
 Instrument Approach Chart (VOR RWY14)
 Instrument Approach Chart (VOR RWY32)
 Instrument Approach Chart (VOR A)
 Instrument Approach Chart (RNP RWY14)
 Instrument Approach Chart (RNP RWY32)
 Other Chart (Visual REP)
 Other Chart (LDG CHART)
 Other Chart (MVA CHART)

RORY / YORON

AD CHART

CHANGE : Overrun area marking erased.



STANDARD DEPARTURE CHART-INSTRUMENT

CHANGE : PROC renamed(HANZA FOUR DEPARTURE, TOKUNOSHIMA TRANSITION, MEKAX TRANSITION).

RORY / YORON

SID and TRANSITION

MARIX TWO DEPARTURE

RWY14 : Climb RWY HDG until 800FT, turn left to intercept and proceed via ONC R205 to MARIX.

RWY32 : Climb RWY HDG until 500FT, turn right HDG092° to intercept and proceed via YRE R047 to MARIX.

Note : RWY14 : 4.4% climb gradient required up to 500FT.

OBST ALT 361FT located at 1.44NM 125° FM end of RWY14.

HANZA FOUR DEPARTURE

RWY14 : Climb RWY HDG until 700FT, turn right,...

RWY32 : Climb RWY HDG until 500FT, turn right,...

...via YRE R350, turn right to intercept and proceed via TKE R231 to HANZA.

Cross YRE R350/12.0DME at or below 5000FT, cross HANZA at assigned altitude.

Note : RWY14 : 4.4% climb gradient required up to 500FT.

OBST ALT 361FT located at 1.44NM 125° FM end of RWY14.

ERABU TRANSITION

From over MARIX, proceed via ONC R205 to ONC VORTAC.

TOKUNOSHIMA TRANSITION

From over HANZA, proceed via TKE R231 to TKE VOR/DME.

MEKAX TRANSITION

From over HANZA, proceed via TKE R231 to intercept and proceed via ONC R026 to MEKAX.

STANDARD DEPARTURE CHART-INSTRUMENT

CHANGE : PROC renamed(HANZA FOUR DEPARTURE). PROC course(HANZA FOUR DEPARTURE, TOKUNOSHIMA TRANSITION, MEKAX TRANSITION).

RORY / YORON

SID and TRANSITION



STANDARD DEPARTURE CHART-INSTRUMENT

RORY / YORON

SID

OKUMA ONE DEPARTURE

RWY14 : Climb RWY HDG until 700FT, turn right HDG 271° ,...

RWY32 : Climb RWY HDG until 500FT, turn left HDG 181° ,...
...to intercept and proceed via YRE R226 to OKUMA.

Note : RWY14 : 4.4% climb gradient required up to 500FT.

OBST ALT 361FT located at 1.44NM 125° FM end of RWY14.

YORON REVERSAL TWO DEPARTURE

RWY14 : Climb RWY HDG until 800FT, turn left...

RWY32 : Climb RWY HDG until 500FT, turn right HDG 120° ...

...Climb via YRE R075 to YRE 18DME, turn right to intercept and proceed
via YRE R095 to YRE VOR/DME. Cross YRE R075/12DME at or below
5000FT, cross YRE R095/10DME at assigned altitude.

Note : RWY14 : 4.4% climb gradient required up to 500FT.

OBST ALT 361FT located at 1.44NM 125° FM end of RWY14.



STANDARD ARRIVAL CHART-INSTRUMENT

RORY / YORON

STAR

ASATO NORTH ARRIVAL

From over ASATO, via YRE 10DME counterclockwise ARC to CASTR.
Cross CASTR at or above 3,000ft.

ASATO SOUTH ARRIVAL

From over ASATO, via YRE 10DME clockwise ARC to POLUX.
Cross POLUX at or above 3,000ft.

ASATO NORTH ARRIVAL



RORY / YORON

VOR RWY14

VAR 5°W (2008)

MSA 25NM

YRE

180°

2100

2000

090°

270°

2800

360°

10NM

MAX turning speed
200KIAS

145° FAF
D5.8 YRE

145°

303°

Turn initiation within
D8.0 YRE

090°

120

131

MHA 2000
MAX 240KIAS

377

486

121

383

MAPt
D0.8 YRE

270°

360°

145°

FAF : 270707.60N/1281943.77E

Timing not authorized for defining the MAPt.

Missed APCH climb gradient MNM 3.5%

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

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RORY / YORON

VOR RWY32



CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RORY / YORON

VOR A



MISSED APPROACH
Turn right, climb to 1500FT,
via YRE R321, turn right, direct to
YRE VOR/DME and hold at 2000FT.
Contact YORON RADIO.

Timing not authorized for defining the MAPt.



| MINIMA | | AD elev. 47 |
|--------|-----------|-------------|
| CAT | CIRCLING | |
| | MDA(H) | VIS |
| A | 530 (483) | 1600 |
| B | 680 (633) | |
| C | | 2400 |
| D | — | — |

Circling to WEST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RORY / YORON

RNP RWY14



CHANGE:PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

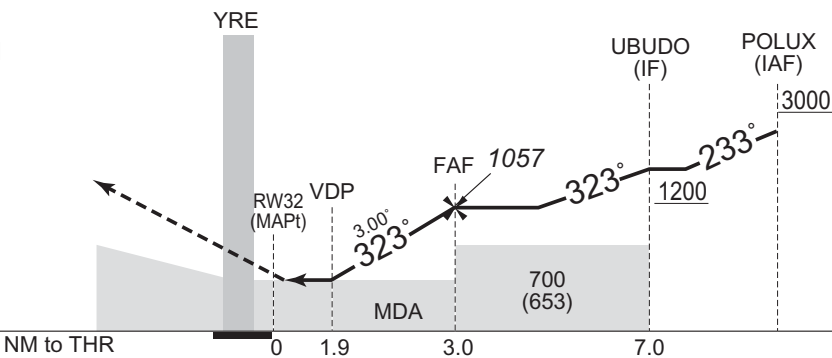
RORY / YORON

RNP RWY32

CHANGE:PROC renamed. Requirement for RNP.

MISSED APPROACH
Turn right direct to ASATO and hold
at 3000FT.
Contact YORON RADIO.

(For using VOR/DME)
Turn right, climb via YRE R039 to
ASATO and hold at 3000FT.
Contact YORON RADIO.

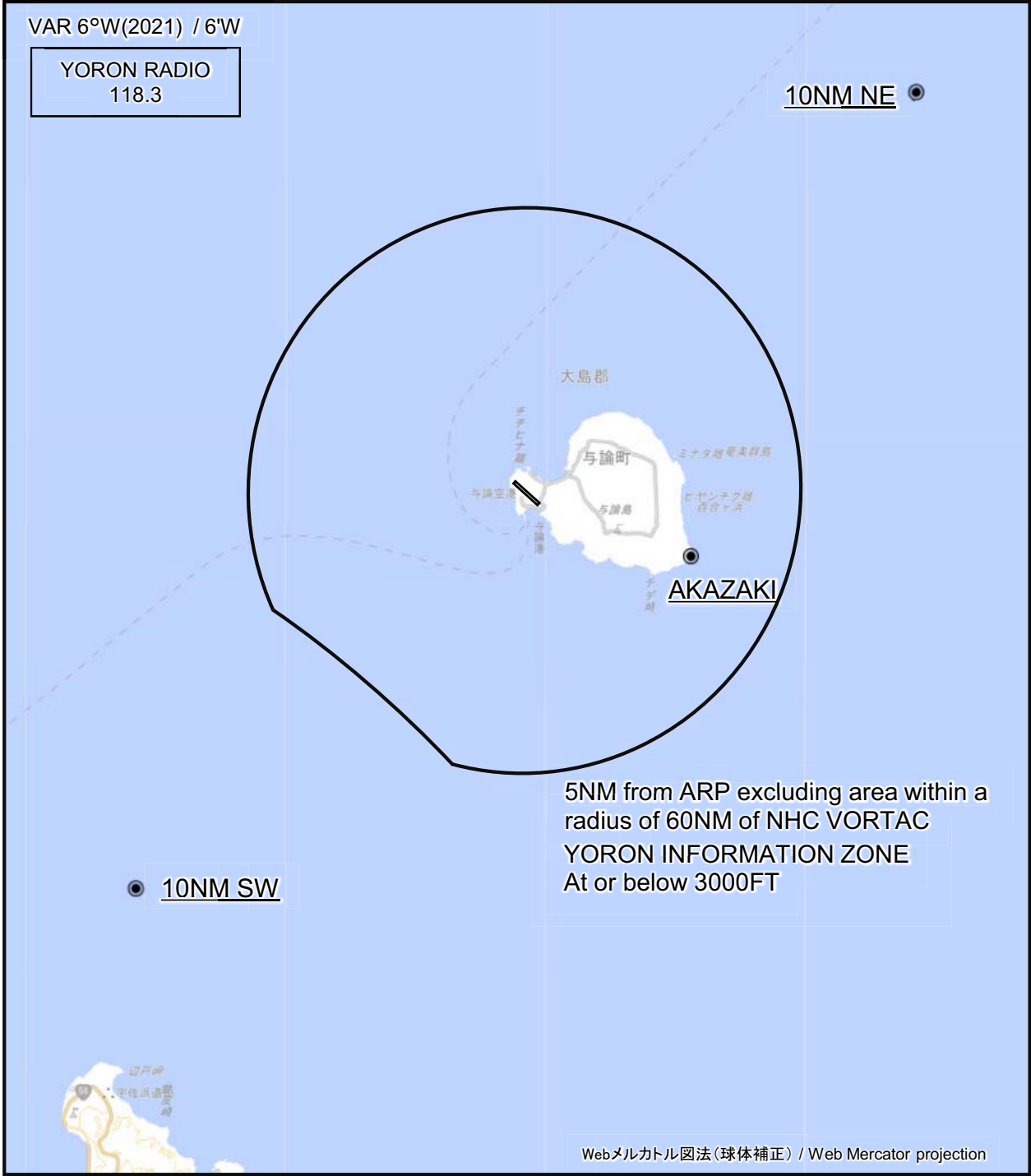


| MINIMA | | THR elev. 52 | | AD elev. 47 | | |
|--------|-----------|--------------|-----------|-------------|-----------|------|
| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | 670 (618) | 1500 | 670 (623) | 1500 | 670 (623) | 1600 |
| B | | | | | 680 (633) | |
| C | | 2000 | | 2000 | 2400 | |
| D | — | — | — | — | — | — |

Circling to WEST side of RWY only.

RORY / YORON

Visual REP

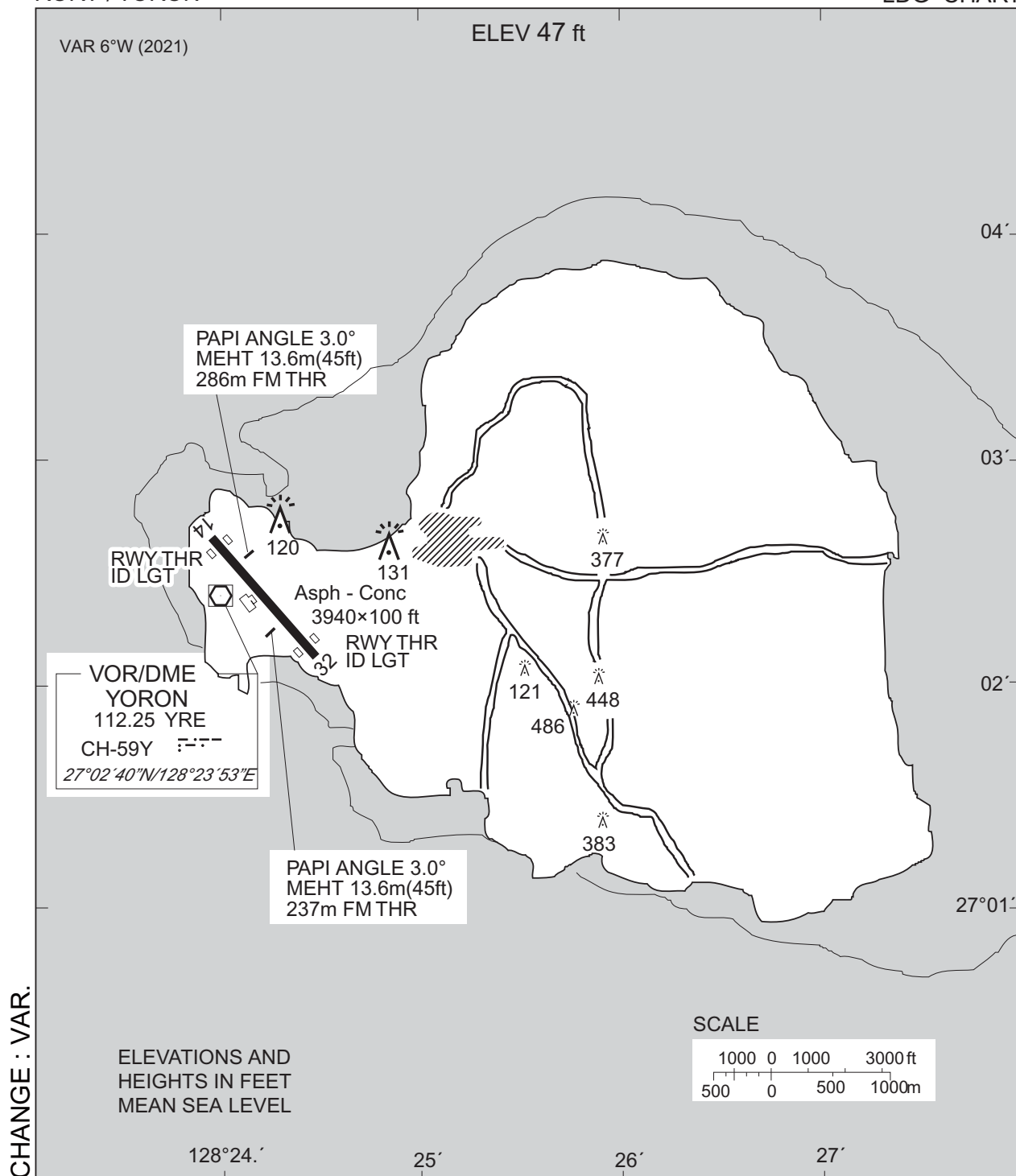


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| CHANGE : VAR. | Call sign | BRG / DIST from ARP | Remarks |
|---------------|---------------|---------------------|--------------------|
| | 10NM NE | 045°T / 10.0NM | 海上 Over the sea |
| | 赤崎 Akazaki | 111°T / 3.2NM | 灯台 Lighthouse |
| | 10NM SW | 225°T / 10.0NM | 海上 Over the sea |

RORY / YORON

LDG CHART



RORY / YORON

Minimum Vectoring Altitude CHART

