

AD 2 AERODROMES

RJEO AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJEO - OKUSHIRI

RJEO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at AD | 420418N/1392558E 120° / 0.75km from RWY31 THR |
| 2 | Direction and distance from (city) | 65NM WNW FM Hakodate City |
| 3 | Elevation/ Reference temperature | 161FT / 25°C(2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 108FT |
| 5 | MAG VAR/ Annual change | 9°W(2000) / 0.9°E |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Hokkaido, Public AP Airport administration branch: 185-2, Yoneoka, Okushiri-cho, Okushiri-gun, Hokkaido. TEL:01397-3-2153 |
| 7 | Types of traffic permitted(IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJEO AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|---|
| 1 | AD Administration | 0000 - 0800 |
| 2 | Customs and immigration | On request Customs: 0138-40-4213 Immigration: 0138-41-6922 |
| 3 | Health and sanitation | Quarantine(human): On request(0138-59-0248) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (NEW CHITOSE) |
| 7 | ATS | 0000 - 0800 Remarks:AFIS provided by New Chitose Airport Office. |
| 8 | Fuelling | Nil |
| 9 | Handling | 0000 - 0800 |
| 10 | Security | 0000 - 0800 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJEO AD 2.4 HANDLING SERVICES AND FACILITIES

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

RJEO AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-------------------------------|
| 1 | Hotels | Nil |
| 2 | Restaurants | Nil |
| 3 | Transportation | Buses and Taxis |
| 4 | Medical facilities | Hospital in Okushiri-cho 18km |
| 5 | Bank and Post Office | Post Office in Okushiri-cho |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJEO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

RJEO AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | Snow sweeper x 2 , Rotary x 1, Truck x 2, Dozer x 2, Motor grader x 1, Wheel Loader x 1, Anti freezing agent spreader x 1 |
| 2 | Clearance priorities | 1:RWY, 2:TWY, 3:Apron |
| 3 | Remarks | Nil |

RJEO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | Surface:asphalt-concrete, Strength:PCN 17/F/B/Y/T |
| 2 | Taxiway width, surface and strength | WIDTH : 18m Surface:asphalt-concrete, Strength:PCN 17/F/B/Y/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | (Spot NR) 1: 420419.44N/1392607.31E 2: 420420.37N/1392605.17E |
| 6 | Remarks | Nil |

RJEO 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:RWY13/31 (Marking):RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT):REDL, RTHL, RENL, RWY DIST marker LGT TWY: (Marking):TWY CL, RWY HLDG PSN, TWY side stripe (LGT):TWY edge LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking):Overrun area, ACFT PRKG PSN, Apron TWY CL (LGT):Apron flood LGT |

RJEO AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/ LGT | Remarks |
|-------------------|---------------|-------------|-----------|---------------|---------|
| Nil | | | | | |

In circling area and at AD

| Obstacle type | Coordinates | Elevation | Markings/ LGT | Remarks |
|---------------|------------------|-----------|---------------|---------|
| Mountain•Tree | 420537N/1392622E | 425FT | - / LIM(Red) | |

RJEO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | NEW CHITOSE |
| 2 | Hours of service MET Office outside hours | H24 (NEW CHITOSE) |
| 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 NEW CHITOSE |
| 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 |

RJEO 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 |
| 13 | 120.15° | 1500x45 | PCN 17/F/B/Y/T Asphalt Concrete | 420429.89N 1392530.71E 108FT | THR ELEV : 180FT |
| 31 | 300.15° | 1500x45 | PCN 17/F/B/Y/T Asphalt Concrete | 420405.46N 1392627.13E 109FT | THR ELEV : 141FT |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks | |
| 7 | | 10 | 11 | 14 | |
| See AD2.24 AD CHART | | 1620x150 | 40x150 40x150 | RWY grooving:1500m x 45m | |

RJEO AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 13 | 1500 | 1500 | 1500 | 1500 | Nil |
| 31 | 1500 | 1500 | 1500 | 1500 | Nil |

RJEO 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 |
| 13 | Nil | Green | PAPI 3.0°/LEFT 310.5m 45ft | Nil | Nil | 1,500m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 31 | Nil(*1) | Green | PAPI 3.0°/LEFT 238.7m 45ft | Nil | Nil | 1,500m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| 3 APCH LGT beacon are installed at 270m intervals from RWY31 THR.(*1) Overrun area edge LGT(LEN:60m,Color:Red) (*2) RWY THR ID LGT for RWY 13/31 THR (Color: White) | | | | | | | | |

RJEO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN:420423N1392612E, White/Green EV4.3sec,HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI:Nil Anemometer: RWY13:450m from RWY13 THR, 67m from RWY CL RWY31:142m from RWY31 THR, 67m from RWY CL |
| 3 | TWY edge and centerline lighting | TWY edge LGT:Blue TWY CL LGT:Nil |
| 4 | Secondary power supply/switch-over time | Within 8 sec:ALL LGT |
| 5 | Remarks | WDI LGT |

RJEO AD 2.16 HELICOPTER LANDING AREA

| |
|-----|
| Nil |
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RJEO 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 |
| Nil | | | | |

RJEO AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|----------------|-----------|--------------------|---|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Okushiri Radio | 122.7MHz | 0000 - 0800 | Operated by New Chitose Airport Office. |

RJEO 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 (10°W/2019) | ORE | 109.85MHz | 0000 - 0800 | 420413.09N/ 1392636.25E | - | VOR unusable: 360°-010° Beyond 15nm BLW 4,000ft. 010°-030° Beyond 10nm BLW 4,000ft. 030°-070° Beyond 30nm BLW 7,000ft. 350°-360° Beyond 30nm BLW 3,000ft. |
| DME | ORE | 1122MHz (CH-35Y) | 0000 - 0800 | 420413.09N/ 1392636.25E | 168ft | DME unusable: 360°-010° Beyond 15nm BLW 4,000ft. 010°-030° Beyond 10nm BLW 4,000ft. 030°-050° Beyond 25nm BLW 7,000ft. 050°-070° Beyond 30nm BLW 7,000ft. 320°-350° Beyond 30nm BLW 3,000ft. 350°-360° Beyond 25nm BLW 3,000ft. |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based. |

RJEO 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 |
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3. Parking area for small aircraft(General aviation)

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| Nil |
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4. Parking area for helicopters

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| Nil |
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5. Apron - taxiing during winter conditions

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| Nil |
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6. Taxiing - limitations

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

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| Nil |
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8. Helicopter traffic - limitation

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| Nil |
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9. Removal of disabled aircraft from runways

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| Nil |
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RJEO AD 2.21 NOISE ABATEMENT PROCEDURES

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|-----|
| Nil |
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RJEO AD 2.22 FLIGHT PROCEDURES**1. TAKE OFF MINIMA**

| | RWY | REDL AVBL | REDL OUT |
|--------------------|-----|-----------------|------------|
| | | CEIL-VIS | CEIL-VIS |
| TKOF ALTN AP FILED | 13 | 300´-1000m | 300´-1200m |
| | 31 | | |
| Other | 13 | AVBL LDG MINIMA | |
| | 31 | | |

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

2. TAKE OFF MINIMA for RNAV DEPARTURE

| | 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 | 13 | A,B,C | - | - | - | 400m | - | 500m |
| | 31 | A,B,C | - | - | - | 400m | - | 500m |
| OTHER | 13 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 31 | | | | | | | |

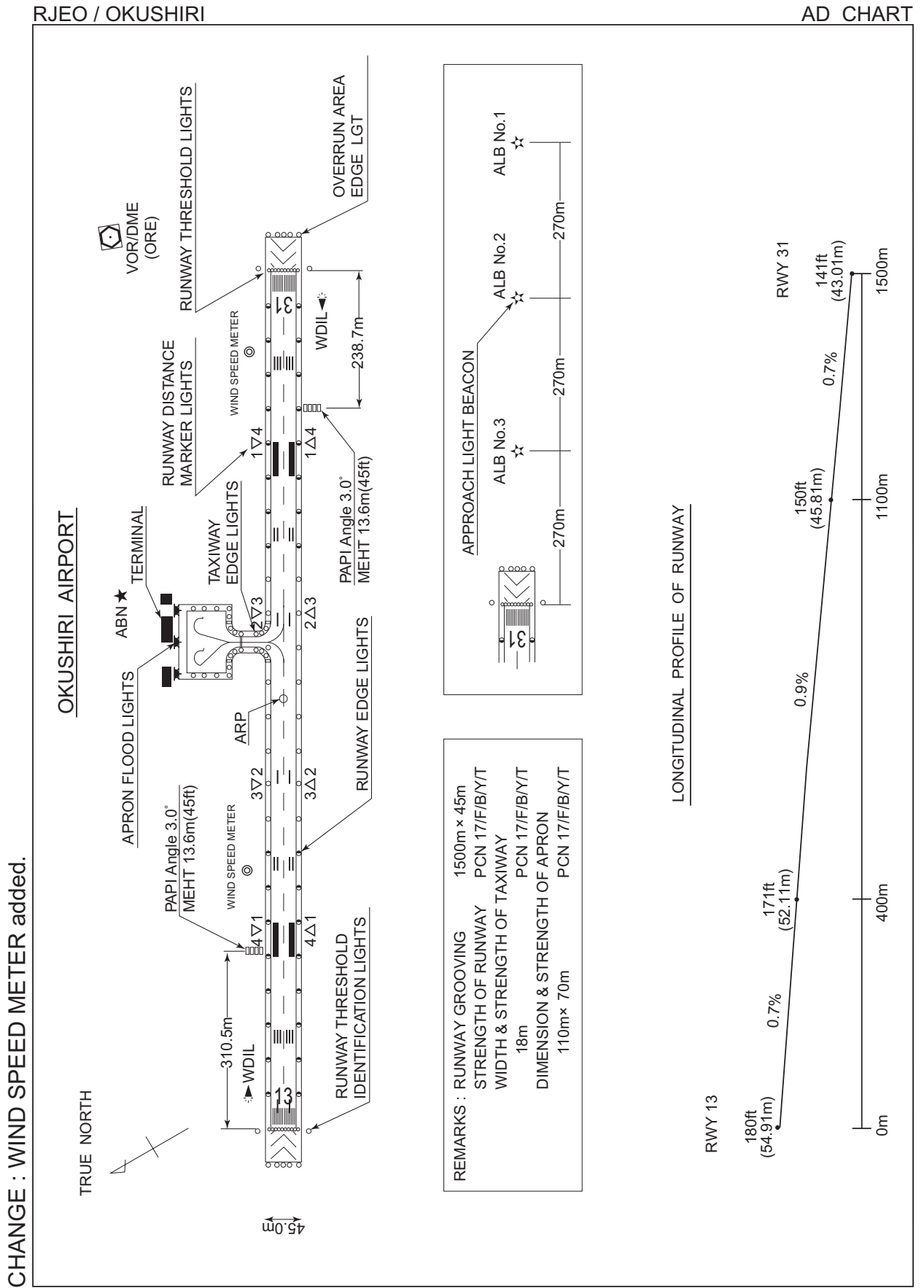
RJEO AD 2.23 ADDITIONAL INFORMATION

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|-----|
| Nil |
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RJEO AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument (ESASI)*
 Standard Departure Chart - Instrument (AONAE-RNAV)
 Standard Arrival Chart - Instrument (IKORU-RNAV)
 Instrument Approach Chart (VOR RWY31)*
 Instrument Approach Chart (VOR RWY13)*
 Instrument Approach Chart (VOR A)*
 Instrument Approach Chart (RNP RWY31)
 Instrument Approach Chart (RNP RWY13)
 Other Chart(Visual REP)

*: Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.



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STANDARD DEPARTURE CHART - INSTRUMENT

RJEO / OKUSHIRI

SID

ESASI TWO DEPARTURE

RWY13 : Turn left,...

RWY31 : Climb via RWY HDG until 1500FT or above, complete left turn within
ORE 10DME,...

...climb via ORE R115 to ESASI.

Cross ESASI at assigned or specified altitude.

Note : When take off from RWY13, following climb gradient should be
maintained until 700FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

CHANGE : TAKE OFF MINIMA deleted.



STANDARD DEPARTURE CHART - INSTRUMENT

RJEO / OKUSHIRI

RNAV SID

**AONAE ONE DEPARTURE**

RWY13: Climb on HDG 130° at or above 600FT, turn left direct to AONAE, to ESASI.

RWY31: Climb on HDG 310° at or above 600FT, turn left direct to EO100, to AONAE, to ESASI.

Note RWY31: 4.5% climb gradient required up to 600FT.

OBST ALT 209FT located at 0.1NM 354°FM end of RWY31

RWY13

| 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 | - | - | 130 (120.3) | -9.8 | - | - | +600 | - | - | Basic RNP1 |
| 002 | DF | AONAE | - | - | -9.8 | - | L | - | - | - | Basic RNP1 |
| 003 | TF | ESASI | - | 115 (105.6) | -9.8 | 20.6 | - | - | - | - | Basic RNP1 |

RWY31

| 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 | - | - | 310 (300.3) | -9.8 | - | - | +600 | - | - | Basic RNP1 |
| 002 | DF | EO100 | - | - | -9.8 | - | L | - | - | - | Basic RNP1 |
| 003 | TF | AONAE | - | 095 (084.9) | -9.8 | 17.1 | - | - | - | - | Basic RNP1 |
| 004 | TF | ESASI | - | 115 (105.6) | -9.8 | 20.6 | - | - | - | - | Basic RNP1 |

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT



CHANGE : VAR. Connected PROC course after IKORU added.

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INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

VOR RWY31

| | | | | |
|--|--|--|---|----------|
| SAPPORO CONTROL 119.3 – 276.5 134.25 – 260.4 | OKUSHIRI 109.85 CH-35Y 42°04'13"N / 139°26'36"E | VOR/DME ORE 180° 109.85 CH-35Y | OKUSHIRI RADIO 122.7 AFIS provided by New Chitose Airport Office | NO RADAR |
|--|--|--|---|----------|



| MINIMA | | THR elev. 141 | AD elev. 161 | |
|--------|-----------|---------------|--------------|------|
| CAT | CIRCLING | | | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 600 (459) | 1500 | 600 (439) | 1600 |
| B | | | 620 (459) | |
| C | | 2000 | | 2400 |
| D | – | – | – | – |

Circling to SOUTH side of RWY only.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

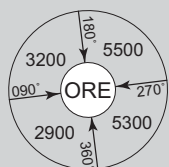
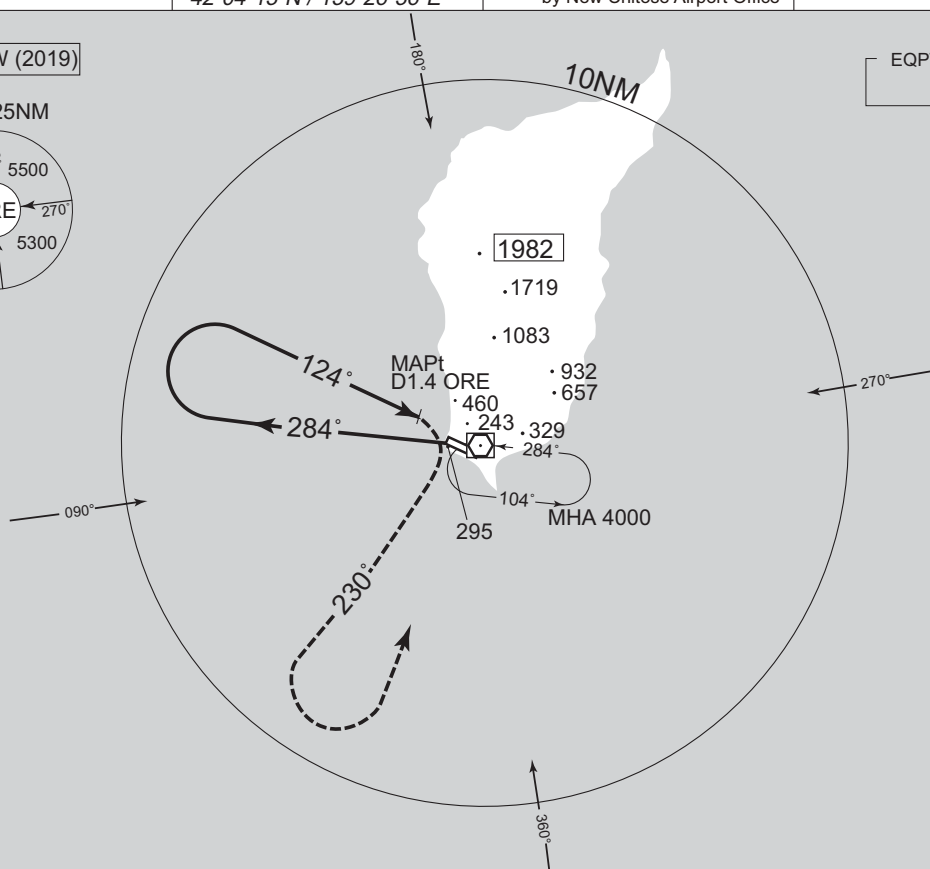
VOR RWY13

SAPPORO CONTROL
119.3 – 276.5
134.25 – 260.4OKUSHIRI VOR/DME
109.85 ORE
CH-35Y
42°04'13"N / 139°26'36"EOKUSHIRI RADIO
122.7
AFIS provided
by New Chitose Airport Office

NO RADAR

VAR 10°W (2019)

MSA 25NM

EQPT REQUIRED
DME

Remain within ORE 10.0DME



MISSED APPROACH

Turn right, climb to 3000FT or above
via ORE R230, turn left direct to
ORE VOR/DME within ORE 10.0DME
and hold at 4000FT.
Contact OKUSHIRI RADIO.

| MINIMA | | THR elev. 180 | AD elev. 161 | |
|--------|-----------|---------------|--------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 760 (599) | 1500 | 760 (599) | 1600 |
| B | | 2000 | | 2400 |
| C | – | – | – | – |
| D | – | – | – | – |

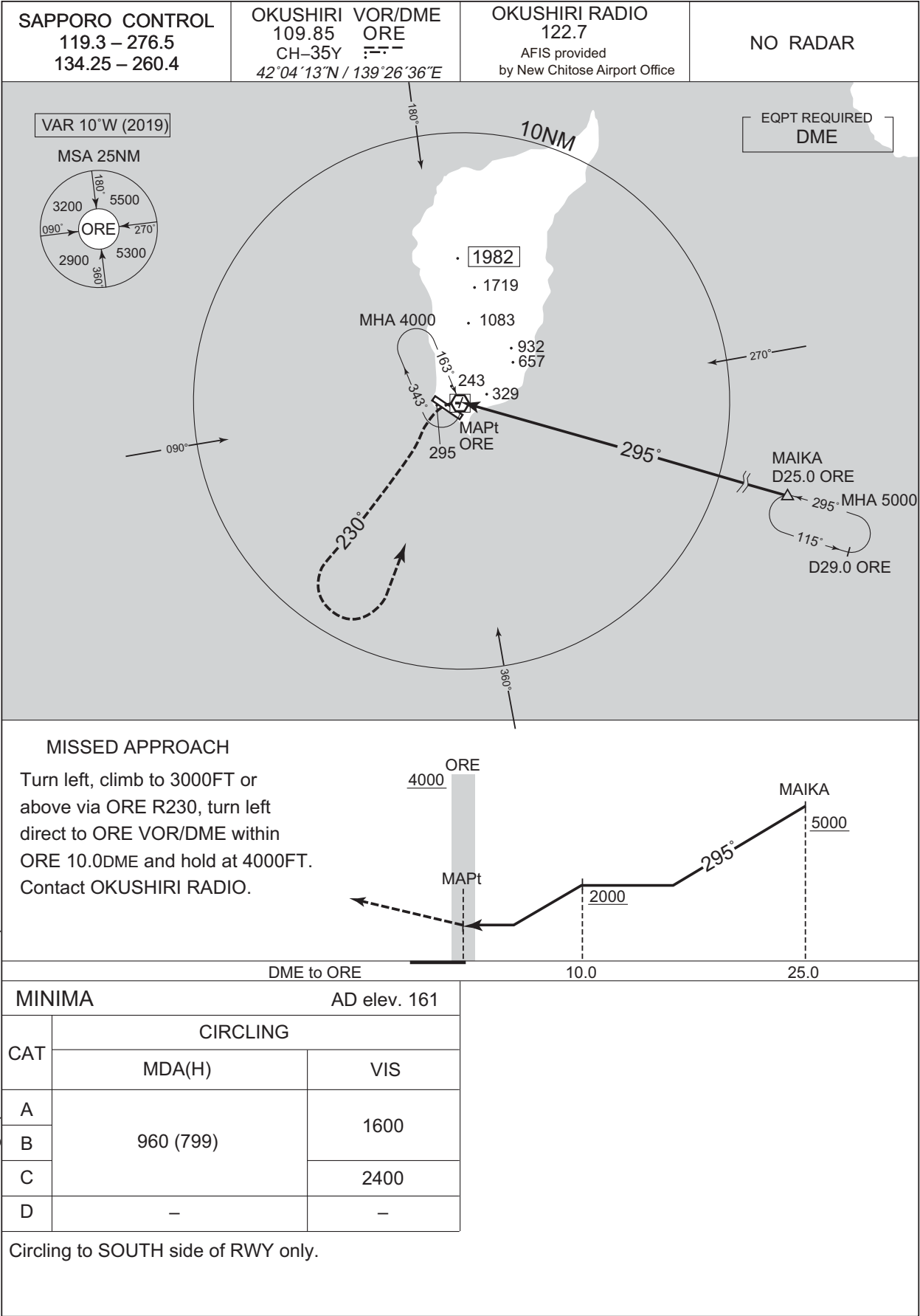
Circling to SOUTH side of RWY only.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

VOR A



CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

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RNP RWY31



CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

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RNP RWY31

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00760 |
| SBAS service provider identifier | 2 | FPAP Latitude | 420433.0405N |
| Airport identifier | RJEO | FPAP Longitude | 1392523.3970E |
| Runway | 31 | 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 | M31A | ∠ length offset | 0192 |
| LTP/FTP latitude | 420405.4465N | HAL | 40.0 |
| LTP/FTP longitude | 1392627.1545E | VAL | 50.0 |
| CRC remainder | D0B5F768 | | |

Required additional data

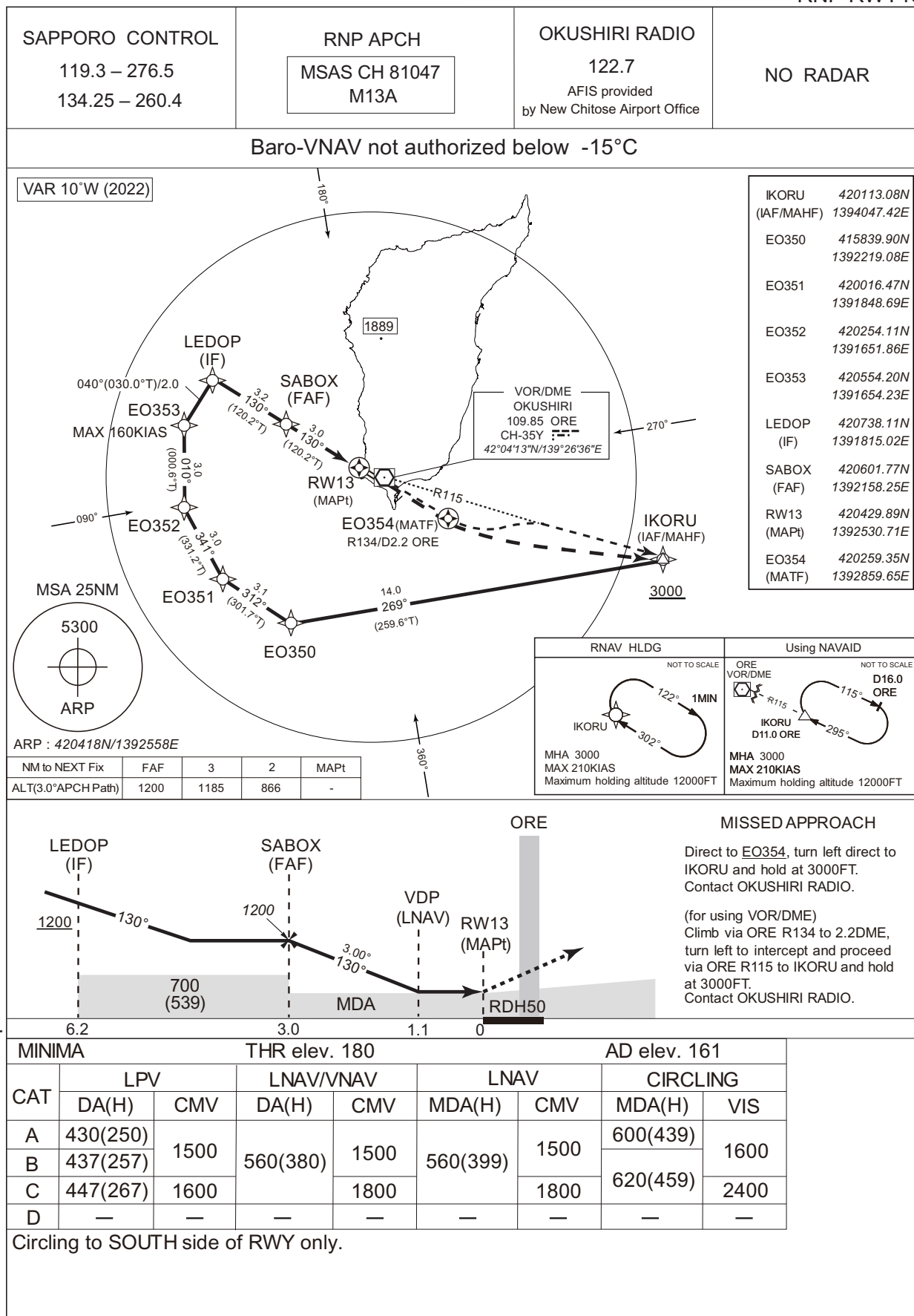
| | |
|----------------------------|------|
| LTP/FTP orthometric height | 42.8 |
|----------------------------|------|

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

INSTRUMENT APPROACH CHART

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RNP RWY13



CHANGE:PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJEO / OKUSHIRI

RNP RWY13

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00878 |
| SBAS service provider identifier | 2 | FPAP Latitude | 420402.2720N |
| Airport identifier | RJEO | FPAP Longitude | 1392634.4865E |
| Runway | 13 | 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 | M13A | ∠ length offset | 0192 |
| LTP/FTP latitude | 420429.8670N | HAL | 40.0 |
| LTP/FTP longitude | 1392530.7315E | VAL | 50.0 |
| CRC remainder | D63254BC | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 54.8 |
|----------------------------|------|

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJEO / OKUSHIRI

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 : Call sign(REMOTE→RADIO).

| Call sign | BRG / DIST from ARP | Remarks |
|--------------------|---------------------|--------------------|
| 稲穂岬 Inahomisaki | 028°T / 12.0NM | 灯台 Lighthouse |
| 10NM E | 090°T / 10.0NM | 海上 Over the sea |
| 10NM SE | 135°T / 10.0NM | 海上 Over the sea |

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