

AD 2 AERODROMES

RJER AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJER - RISHIRI

RJER AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | ARP coordinates and site at AD | 451431N/1411115E 057° / 900m from RWY07 THR |
| 2 | Direction and distance from (city) | 23nm 242° QTE from Wakkanai city |
| 3 | Elevation/ Reference temperature | 99FT / 23°C(2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 94FT |
| 5 | MAG VAR/ Annual change | 10°W(2009) / 1.9°E |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e- mail and/or Web-site addresses | Hokkaido, Public AP Airport administration branch 1143 Oshidomari-aza-hondomari, Rishirifuji-cho, Rishiri-gun, Hokkaido TEL:0163-82-1269 FAX:0163-82-1414 |
| 7 | Types of traffic permitted(IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJER AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] |
| 2 | Customs and immigration | On request Customs: 0162-33-1075 Immigration: 0162-23-3269 |
| 3 | Health and sanitation | Quarantine(human): On request(0162-23-4403) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (NEW CHITOSE) |
| 7 | ATS | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] Remarks:AFIS provided by New Chitose Airport Office. |
| 8 | Fuelling | Nil |
| 9 | Handling | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] |
| 10 | Security | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJER 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 |

RJER AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-----------------------------|
| 1 | Hotels | Nil |
| 2 | Restaurants | At Airport |
| 3 | Transportation | Buses, Taxis and Rental Car |
| 4 | Medical facilities | Nil |
| 5 | Bank and Post Office | Nil |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJER AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|--|
| 1 | AD category for fire fighting | CAT 7 |
| 2 | Rescue equipment | Emergency medical equipments conveyance truck x 1, Chemical fire fighting truck x 2 |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJER AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | Truck for snow clearance x 5 , Rotary x 4 , Snow clearance dozer x 3 , Snow sweeper x 3 , Snow melting agent spray truck x 1 |
| 2 | Clearance priorities | 1:RWY , 2:TWY , 3:Apron |
| 3 | Remarks | Nil |

RJER AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | Strength:Cement-Concrete , PCN 48/R/B/X/T |
| 2 | Taxiway width, surface and strength | Width:23m, Strength:Asphalt-Concrete, PCN 50/F/B/X/T |
| 3 | ACL and elevation | Not AVBL |
| 4 | VOR checkpoints | Not AVBL |
| 5 | INS checkpoints | Spot NR 1: 451437.61N/1411105.43E 2: 451436.57N/1411103.17E 3: 451435.84N/1411101.03E |
| 6 | Remarks | Nil |

RJER 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: RWY07/25 (Marking): RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripes (LGT): RCLL, REDL, RTHL, RENL, RWY DIST marker LGT TWY: (Marking): TWY CL, TWY side stripe (LGT): TWY edge LGT, TWY CL LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking):Overrun area (LGT): Apron flood LGT |

RJER 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 | 451312N/1411010E | 301FT | - / LIM(Red) | |
| Mountain | 451356N/1411048E | 208FT | - / LIM(Red) | |
| Mountain | 451425N/1411206E | 207FT | - / LIM(Red) | |
| Mountain | 451417N/1411323E | 371FT | - / LIM(Red) | |

RJER 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 |

RJER 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 | 57.04° | 1800x45 | PCN 50/F/B/X/T (1)PCN 55/F/C/X/T (2)PCN 80/F/A/X/T | 451415.35N 1411040.77E 94.2FT | THR ELEV : 98FT |
| 25 | 237.04° | 1800x45 | Asphalt-Concrete | 451447.08N 1411150.01E 93.9FT | THR ELEV : 112FT |
| Slope of RWY | Strip Dimensions (M) | RESA(Overrun) Dimensions(M) | Remarks | | |
| 7 | 10 | 11 | 14 | | |
| SEE AD2.24 AD CHART | 1920x150 1920x150 | 40x150 190x150 | RWY grooving 1800m x 45m (1)BTN 630m and 750m FM RWY25 THR (2)BTN 410m and 570m FM RWY07 THR | | |

RJER AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 1800 | 1800 | 1800 | 1800 | Nil |
| 25 | 1800 | 1800 | 1800 | 1800 | Nil |

RJER 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 | Nil | Green | PAPI 3.0°/LEFT 356.1m 61FT | Nil | 1,800m 30m Coded color (White/Red) LIH | 1,800m 60m Coded color (White/Yellow) LIH | Red | Nil(*2) |
| 25 | SALS (*1) 420m LIH | Green | PAPI 3.0°/LEFT 428.0m 61FT | Nil | 1,800m 30m Coded color (White/Red) LIH | 1,800m 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) RWY THR ID LGT FOR RWY07 THR(Color:White) | | | | | | | | |

RJER AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 451443N/1411104E, ALTN FLG White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI:Nil Anemometer: RWY07:300m from RWY07 THR, LGTD RWY25:308m from RWY25 THR, LGTD |
| 3 | TWY edge and centerline lighting | TWY edge and center line lights installed, see AD 2.9 |
| 4 | Secondary power supply/ switch-over time | Within 15 sec:ALL LGT(except for OBST LGT) |
| 5 | Remarks | WDI LGT |

RJER AD 2.16 HELICOPTER LANDING AREA

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

RJER 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 |
| Rishiri Information Zone | Area within a radius of 5nm(9km) of Rishiri ARP | 3,000 or below | E | Rishiri Radio En | |

RJER AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|---------------|-----------|--|--|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Rishiri Radio | 122.7MHz | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] | Operated by New Chitose Airport Office |

RJER 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) | RSE | 114.6MHz | H24 | 451444.38N/ 1411112.36E | | Unusable: 130°-140° beyond 35nm BLW 8000ft 140°-200° BLW 8000ft |
| DME | RSE | 1180MHz (CH-93X) | H24 | 451444.38N/ 1411112.36E | 109.6ft | Unusable: 110°-120° beyond 35nm BLW 4000ft 130°-140° beyond 20nm BLW 8000ft 140°-200° BLW 8000ft |
| LOC 25 | IRS | 109.3MHz | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] | 451411.20N/ 1411031.69E | | LOC:235m(771ft) away FM RWY 07 THR, BRG(MAG)247°. |
| LOC-DME 25 | IRS | 991MHz (CH-30X) | 2330 - 0800 [2330 24th MAR - 0800 30th OCT] 0000 - 0800 [0000 31st OCT - 0800 24th MAR] | 451410.03N/ 1411034.98E | 106ft | DME:194m(636ft) away FM RWY 07 THR, 69.6m(228ft) SE of RCL. |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based. |



REMARKS : 1. LOC beam BRG(MAG) 247°
2. ELEV of LOC-DME 32.17m(106ft)

RJER 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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJER AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJER 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 | 07 | A,B,C | - | 400m | - | 400m | - | 500m |
| | 25 | A,B,C | - | 400m | - | 400m | - | 500m |
| OTHER | 07 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 25 | | | | | | | |

RJER AD 2.23 ADDITIONAL INFORMATION

Nil

RJER AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument (RISHIRI REVERSAL)
 Standard Departure Chart - Instrument (LEDAX-RNAV)
 Instrument Approach Chart (LOC RWY25)
 Instrument Approach Chart (VOR A)
 Instrument Approach Chart (RNP RWY25)
 Instrument Approach Chart (RNP RWY07)
 Other Chart (Visual REP)
 Other Chart (MVA CHART)

RJER / RISHIRI

AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI

SID

RISHIRI REVERSAL TWO DEPARTURE

RWY07 : Climb RWY HDG to 600FT, turn left...

RWY25 : Climb RWY HDG to 600FT, turn right HDG 080°...

... to intercept and proceed via RSE R035 to 4000FT,
turn left, direct to RSE VOR/DME.

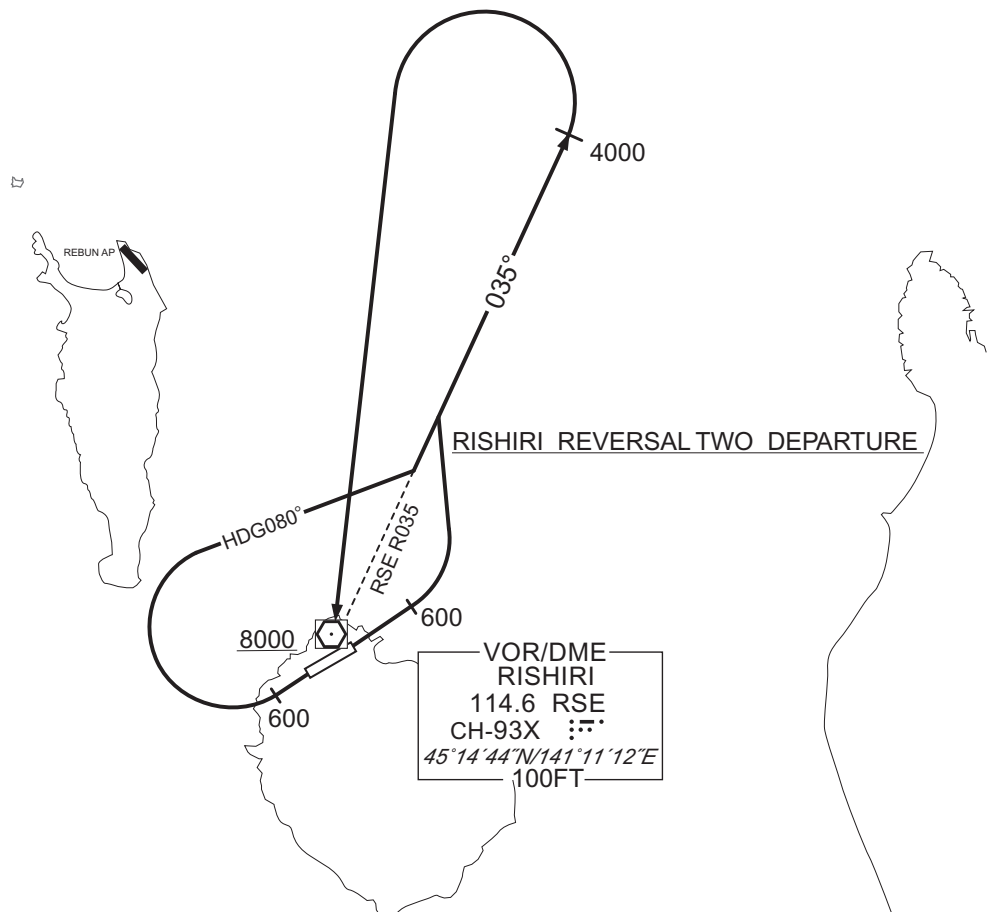
Cross RSE VOR/DME at or above 8000FT.

Note RWY25 : 5.2% climb gradient required up to 1000FT.

OBST ALT 262FT located at 0.6NM 225° FM end of RWY25.

OBST ALT 722FT located at 1.3NM 157° FM end of RWY25.

CHANGE : PROC renamed. Turning altitude designated. HDG to intercept RSE R035. Turning altitude to RSE. Note added.



STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI

RNAV SID

LEDAX ONE DEPARTURE

Basic RNP1

Note GNSS required.

LEDAX ONE DEPARTURE

RWY07 : Climb on HDG067° at or above 600FT, direct to ER700, to ER701, to LEDAX at or above 8000FT.

RWY25 : Climb on HDG247° at or above 600FT, turn right direct to ER500, to ER701, to LEDAX at or above 8000FT.

Note RWY25 : 5.2% climb gradient required up to 600FT.

OBST ALT 262FT located at 0.6NM 225°FM end of RWY25.

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI

RNAV SID

LEDAX 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 (056.9) | -10.4 | - | - | +600 | - | - | Basic RNP1 |
| 002 | DF | ER700 | - | - | -10.4 | - | - | - | - | - | Basic RNP1 |
| 003 | TF | ER701 | - | 158 (147.3) | -10.4 | 8.0 | - | - | - | - | Basic RNP1 |
| 004 | TF | LEDAX | - | 172 (161.1) | -10.4 | 8.4 | - | +8000 | - | - | 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 (236.9) | -10.4 | - | - | +600 | - | - | Basic RNP1 |
| 002 | DF | ER500 | - | - | -10.4 | - | R | - | - | - | Basic RNP1 |
| 003 | TF | ER701 | - | 126 (115.9) | -10.4 | 15.0 | - | - | - | - | Basic RNP1 |
| 004 | TF | LEDAX | - | 172 (161.1) | -10.4 | 8.4 | - | +8000 | - | - | Basic RNP1 |

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJER / RISHIRI

LOC RWY25



INSTRUMENT APPROACH CHART

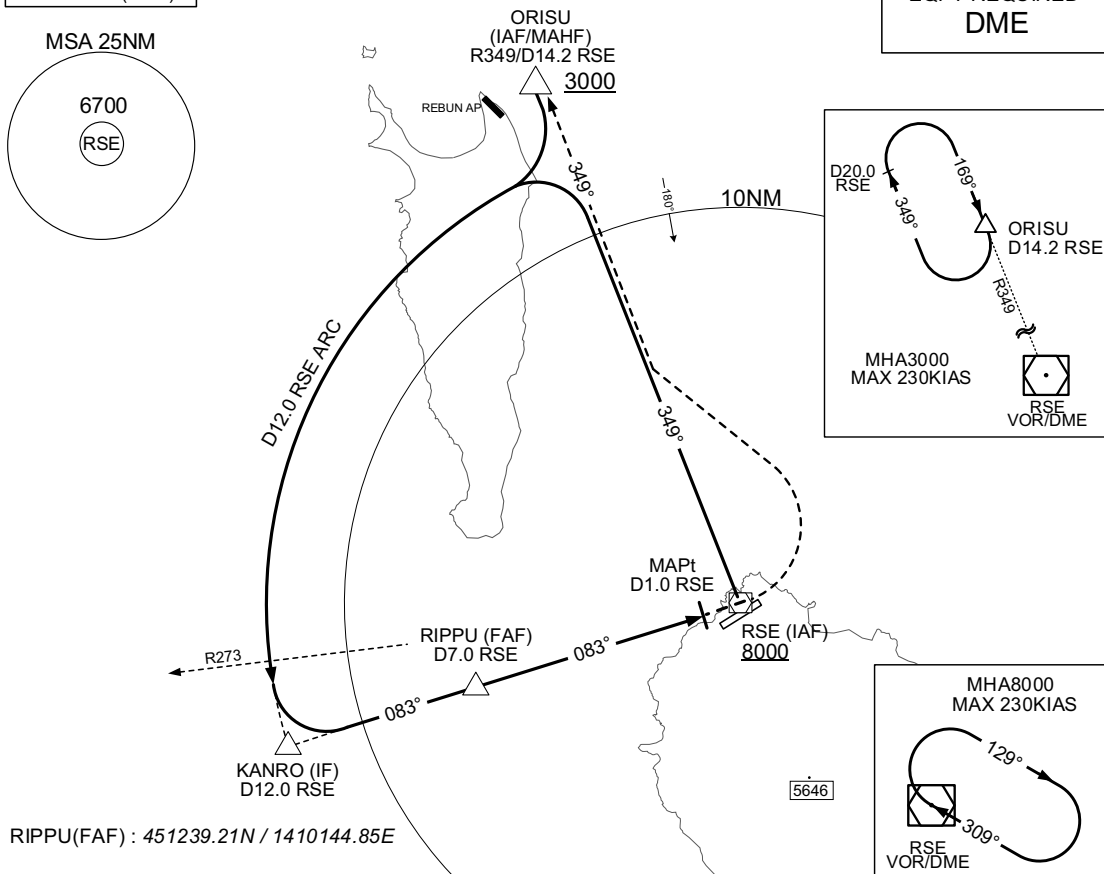
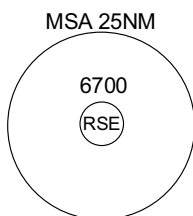
RJER / RISHIRI

VOR A

SAPPORO CONTROL
132.6 – 255.2
134.25 – 260.4RISHIRI VOR/DME
114.6 RSE
CH-93X
45°14'44"N/141°11'12"ERISHIRI RADIO
122.7
AFIS provided
by New Chitose Airport Office

NO RADAR

VAR 10°W (2020)

KANRO
(IF)

2700

083°

RIPPU
(FAF)

2000

083°

MAPt

RSE

MISSED APPROACH

Turn left to intercept and proceed
via RSE R349 to ORISU and hold at
3000FT.
Contact RISHIRI RADIO.

Timing not authorized for defining the MAPt.

12.0

7.0

1.0

DME to RSE

MINIMA

AD elev. 99

| CAT | CIRCLING | |
|-----|----------|------|
| | MDA(H) | VIS |
| A | 610(511) | 1600 |
| B | 610(511) | 1600 |
| C | 630(531) | 2400 |
| D | - | - |

Circling to NORTH side of RWY only.

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

RJR / RISHIRI

RNP RWY25



INSTRUMENT APPROACH CHART

RJER / RISHIRI

RNP RWY25

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00632 |
| SBAS service provider identifier | 2 | FPAP latitude | 451415.3275N |
| Airport identifier | RJER | FPAP longitude | 1411040.7490E |
| 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 | 451447.0530N | HAL | 40.0 |
| LTP/FTP longitude | 1411149.9960E | VAL | 50.0 |
| CRC remainder | 9A7FDBC0 | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 34.5 |
|----------------------------|------|

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

INSTRUMENT APPROACH CHART

RJER / RISHIRI

RNP RWY07



INSTRUMENT APPROACH CHART

RJER / RISHIRI

RNP RWY07

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00590 |
| SBAS service provider identifier | 2 | FPAP latitude | 451447.0530N |
| Airport identifier | RJER | FPAP longitude | 1411149.9960E |
| 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 | 451415.3275N | HAL | 40.0 |
| LTP/FTP longitude | 1411040.7490E | VAL | 50.0 |
| CRC remainder | 138B8808 | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 30.2 |
|----------------------------|------|

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

RJER / RISHIRI

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 |
|-----------------|---------------------|-------------|
| 姫沼 Himenuma | 110°T / 2.7NM | 姫沼 Pond |
| 沓形 Kutsugata | 217°T / 4.2NM | 沓形岬 Cape |

Note : In the SE through SW of the airport, A/G COM from Rishiri Radio is blinded by Mt. Rishiri(1,721m/5,646ft).

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Minimum Vectoring Altitude CHART

