## AD 2 AERODROMES

### RJSI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

# RJSI - HANAMAKI

### RJSI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | ARP coordinates and site at AD | *392543N 1410807E*<br>010°/1.25km FM RWY 02 THR |
| 2 | Direction and distance from (city) | 6km NNE FM Hanamaki City |
| 3 | Elevation/ Reference temperature | 294ft / 29°C(2003-2007) |
| 4 | Geoid undulation at AD ELEV PSN | 126ft |
| 5 | MAG VAR/ Annual change | 8° W(2009) / 1'E |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Hanamaki Airport office (Iwate prefectual government)<br>3-183-1 Kuzu Hanamaki-shi Iwate 025-0004 Japan<br>Tel: 0198-26-2016 Fax: 0198-26-4588<br>e-mail: CF0003@pref.iwate.jp<br>URL: http://www.pref.iwate.jp |
| 7 | Types of traffic permitted(IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Hanamaki Airport Branch(Civil Aviation Bureau)<br>3-183-1 Kuzu Hanamaki-shi Iwate 025-0004 Japan<br>Tel: 0198-26-2015 Fax: 0198-26-4804 |

### RJSI AD 2.3 OPERATIONAL HOURS

| | | |
|---|---|---|
| 1 | AD Administration | 2300 - 1030 |
| 2 | Customs and immigration | Customs: On request(0192-26-2326)<br>Immigration: INTL SKED FLT hours only |
| 3 | Health and sanitation | INTL SKED FLT hours only |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (SENDAI) |
| 7 | ATS | 2300 - 1030 |
| 8 | Fuelling | 2300 - 1030 |
| 9 | Handling | 2300 - 1030 |
| 10 | Security | 2330 - 1030 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

## RJSI AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | All the modern institutions that deal with the weight thing to a Boeing 747 type freighter. |
| 2 | Fuel/ oil types | AVGAS 100LL JET A-1 |
| 3 | Fuelling facilities/ capacity | AVGAS 100LL : Fuel truck / Ask AD administration<br>JET A-1 : Fuel truck / 200KL x 2tank |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Ask AD Administration |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

## RJSI AD 2.5 PASSENGER FACILITIES

| | | |
|---|---|---|
| 1 | Hotels | At Hanamaki City |
| 2 | Restaurants | At Airport |
| 3 | Transportation | Buses and Taxi |
| 4 | Medical facilities | Hospital in Hanamaki city 5km |
| 5 | Bank and Post Office | Bank/ATM at airport<br>Post Office/Postage stamp shop and mailbox at airport |
| 6 | Tourist Office | At Airport |
| 7 | Remarks | Nil |

## RJSI 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 ,<br>Emergency medical equipments conveyance truck |
| 3 | Capability for removal of disabled aircraft | Ask AD Administration |
| 4 | Remarks | Nil |

## RJSI AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|---|---|
| 1 | Types of clearing equipment | Snow Removal Equipments:<br>snow plough x 7 , snow sweeper x 4 ,<br>rotary snow plough x 3 , anti-freezing-agent spreader x 3 |
| 2 | Clearance priorities | 1.RWY , TWY<br>2.Apron |
| 3 | Remarks | Seasonal availability:All seasons.<br>Snow removal will be commenced,if the RWY is covered with a depth of 3cm snow or more. |

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

| | | |
|---|---|---|
| 1 | Apron surface and strength | Spot NR 1-5<br>Surface:concrete, Strength:PCN 74/R/B/X/T<br>W-Apron<br>Surface:concrete, Strength:PCN 52/R/B/X/T<br>Small Aircraft Apron<br>Surface: asphalt, Strength:AUW 5700kg/0.28Mpa |
| 2 | Taxiway width, surface and strength | TWY T1, T4<br>Width: 28.5m, Surface:asphalt, Strength: PCN 68/F/B/X/T<br>TWY T2, T3<br>Width: 34m, Surface:asphalt, Strength: PCN 67/F/B/X/T<br>TWY T5<br>Width: 30m, Surface:asphalt, Strength: PCN 75/F/C/X/T<br>TWY P1-P3<br>Width: 23m, Surface:asphalt, Strength: PCN 68/F/B/X/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | Spot NR<br>1: *392521.80N 1410817.13E*<br>2: *392520.04N 1410815.81E*<br>3: *392518.26N 1410816.15E*<br>4: *392516.16N 1410815.68E*<br>5: *392514.55N 1410815.36E* |
| 6 | Remarks | Nil |

## RJSI 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 | ACFT stand ID signs : Nil<br>ACFT stand taxi lane : See AD2.24 AD chart<br>Visual docking guidance system : Nil |
| 2 | RWY and TWY markings and LGT | RWY: 02/20<br>(Marking) RWY designation, RWY CL, RWY THR, TDZ, Aiming point, RWY side stripe<br>(LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY20), WBAR(RWY20), RWY DIST marker LGT<br><br>TWY T1 THRU T5:<br>(Marking) TWY CL, RWY HLDG PSN, TWY side stripe<br>(LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign, RWY guard LGT<br><br>TWY P1 THRU P3:<br>(Marking) TWY CL, TWY side stripe<br>(LGT) TWY edge LGT, TWY CL LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area, Apron TWY CL<br>(LGT) Apron flood LGT |

## RJSI AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|---|---|---|---|---|---|
| RWY02 | Building | *392451.2N1410801.0E* | 300ft | - / LIL | |
| RWY02 | Pylon | *392451.5N1410747.8E* | 301ft | - / LIL | |
| RWY20 | Building | *392632.6N1410827.6E* | 312ft | - / - | |
| RWY20 | Pylon | *392630.1N1410824.7E* | 304ft | - / - | |
| RWY20 | Pylon | *392630.1N1410824.8E* | 306ft | - / LIL | |
| RWY20 | Building | *392653.2N1410816.1E* | 347ft | - / LIL | |
| RWY20 | Pylon | *392629.8N1410823.9E* | 303ft | - / - | |
| RWY20 | Pylon | *392631.6N1410812.2E* | 304ft | - / - | |
| RWY20 | Pylon | *392631.8N1410813.9E* | 302ft | - / - | |
| RWY20 | Pylon | *392631.5N1410815.9E* | 302ft | - / - | |
| RWY20 | Pylon | *392631.1N1410818.0E* | 301ft | - / - | |
| RWY20 | Pylon | *392630.6N1410820.0E* | 300ft | - / - | |
| RWY20 | Pylon | *392630.2N1410822.0E* | 301ft | - / - | |
| RWY20 | Pylon | *392629.9N1410823.8E* | 304ft | - / - | |
| RWY20 | Pylon | *392629.3N1410825.8E* | 304ft | - / - | |

In circling area and at AD

| Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|---|---|---|---|---|
| Pylon | *392629.2N1410807.5E* | 346ft | - / LIL | |
| Pylon | *392629.0N1410826.7E* | 313ft | - / - | |
| Pylon | *392626.4N1410826.7E* | 316ft | - / - | |
| Mountain | *392405N1410940E* | 700ft | - /LIM(Red) - | Mt.Koshiou |
| Tower | *392653.9N1410730.9E* | 441ft | - / - | |
| Tower | *392602.4N1410710.1E* | 446ft | - / LIL(LIM(white)HJ) | above horizontal surface |
| Tower | *392545.5N1410702.9E* | 433ft | - / - | |
| Tower | *392431.5N1410628.5E* | 441ft | - / LIL | |
| Tower | *392716.8N1410721.2E* | 442ft | - / - | |
| Tower | *392715.5N1410711.9E* | 442ft | - / LIL(LIM(white)HJ) | above horizontal surface |
| Tower | *392713.8N1410700.6E* | 438ft | - / - | |
| Tower | *392705.6N1410658.7E* | 441ft | - / - | |
| Tower | *392656.9N1410701.0E* | 438ft | - / - | |
| Pylon | *392628.0N1410825.4E* | 304ft | - / - | |
| Antenna | *392537.9N1410740.3E* | 437ft | - / - | |
| Antenna | *392640.5N1410714.5E* | 439ft | - / - | |
| Antenna | *392451.7N1410610.9E* | 438ft | - / - | |
| Pylon | *392629.1N1410827.0E* | 317ft | - / LIL | |
| Building | *392454.0N1410740.5E* | 362ft | - / LIL | |
| Tower | *392655.0N1410650.0E* | 440ft | - / - | |
| Tower | *392656.0N1410700.0E* | 434ft | - / - | |

## RJSI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|---|---|---|
| 1 | Associated MET Office | SENDAI |
| 2 | Hours of service<br>MET Office outside hours | H24 (SENDAI) |
| 3 | Office responsible for TAF preparation<br>Periods of validity | SENDAI<br>30 Hours |
| 4 | Trend forecast<br>Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at SENDAI |
| 6 | Flight documentation<br>Language(s) used | C<br>En |
| 7 | Charts and other information available for briefing or consultation | $S_6$, $U_{85}$, $U_7$, $U_5$, $U_3$, $U_{25}$, $U_2/T_r$, $P_S$, $P_5$, $P_3$, $P_{25}$, $P_{SWE}$, $P_{SWF}$, $P_{SWG}$, $P_{SWI}$, $P_{SWM}$, $P_{SW}$(domestic), E, C, $W_E$, $W_F$, $W_G$, $W_I$, W, N |
| 8 | Supplementary equipment<br>available for providing information | Nil |
| 9 | ATS units provided with information | RADIO |
| 10 | Additional information<br>(limitation of service, etc.) | Nil |

## RJSI AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength(PCN) and surface of RWY | THR coordinates<br>THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 02 | 010.73° | 2500×45 | PCN 68/F/A/X/T<br>Asphalt Concrete | *392503.58N*<br>*1410757.62E*<br>135ft | THR ELEV: 283ft |
| 20 | 190.73° | 2500×45 | PCN 68/F/A/X/T<br>Asphalt Concrete | *392623.24N*<br>*1410817.11E*<br>135.5ft | THR ELEV: 297.5ft<br>TDZ ELEV: 297.5ft |

| Slope of RWY | Strip Dimensions(M) | RESA (Overrun) Dimensions(M) | Remarks |
|---|---|---|---|
| 7 | 10 | 11 | 14 |
| SEE AD2.24 AD chart | 2620×300 | 40 × 300 | RWY grooving:2500×45m |
| | 2620×300 | 193 × (MNM:166 MAX:300)*<br>*For detail, ask airport administrator | |

## RJSI AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 02 | 2500 | 2500 | 2500 | 2500 | Nil |
| 20 | 2500 | 2500 | 2500 | 2500 | Nil |

## RJSI 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 |
| 02 | SALS (*1) 420m LIH | Green - | PAPI 3.0°/Left 452.4m 74ft | - | 2500m 30m Coded color (White/Red) LIH | 2500m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 20 | PALS (CAT I) 900m LIH | Green Green | PAPI 3.0°/Left 429.0m 65.6ft | 900m | 2500m 30m Coded color (White/Red) LIH | 2500m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with APCH LGT beacon (596m and 930m FM RWY THR)(*1)<br>Overrun area edge LGT(LEN:60m, color:Red) (*2) | | | | | | | | |

## RJSI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|---|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: *392547N/1410755E*, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT<br>Anemometer location and LGT | LDI: Nil<br>Anemometer:<br>RWY02: 350m from RWY02 THR, LGTD<br>RWY20: 200m from RWY20 THR, LGTD |
| 3 | TWY edge and center line lighting | TWY edge LGT: Blue<br>TWY CL LGT: ALTN Green/Yellow from RWY leaving Report point, other Green |
| 4 | Secondary power supply/ switch-over time | Within 1sec : REDL, RTHL, WBAR, RENL, RCLL, Overrun area edge LGT<br>Within 15sec : Other LGT |
| 5 | Remarks | WDI LGT |

## RJSI AD 2.16 HELICOPTER LANDING AREA

| |
|---|
| Nil |

## RJSI AD 2.17 ATS AIRSPACE

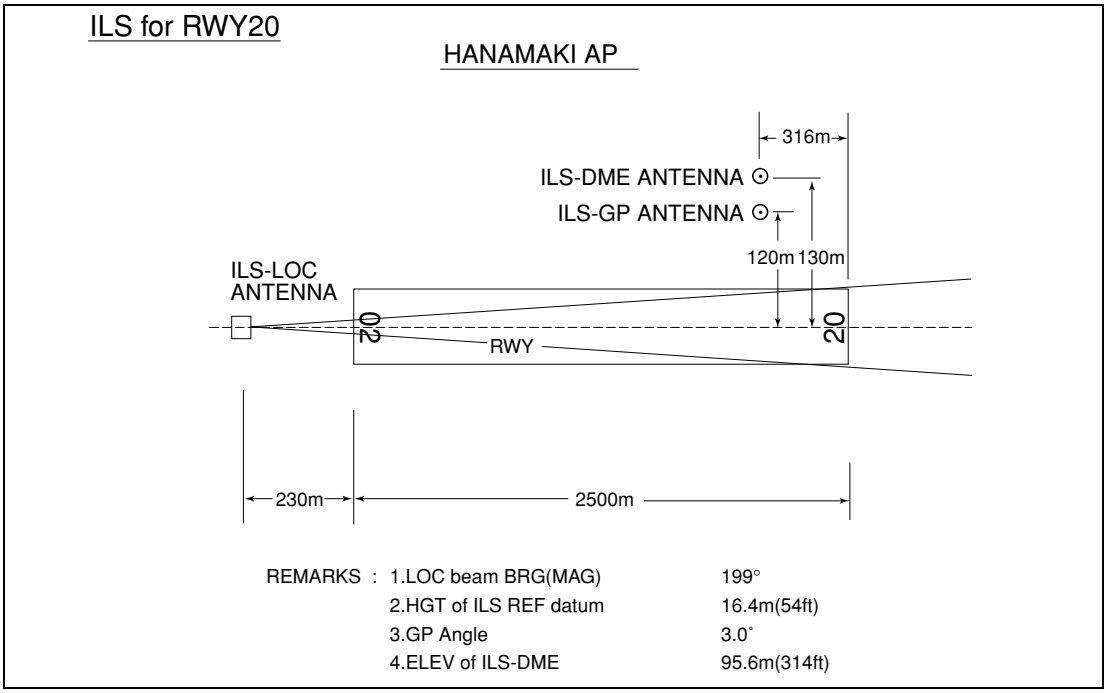
| Designation and lateral limits | | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 6 |
| Hanamaki Information Zone | Area within a radius of 5nm(9km) of Hanamaki ARP | 3,000 | E | Hanamaki Radio En | |

## RJSI AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| A/G | Hanamaki Radio | 118.2MHz(1)<br>126.2MHz | 2300 - 1030 | (1)Primary |

## RJSI 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<br>(8°W/2010) | HPE | 112.8MHZ | H24 | *392600.09N*<br>*1410800.60E* | | VOR unusable :<br>060°-080° beyond 30nm<br>BLW 9000ft.<br>280°-290° beyond 30nm<br>BLW 9000ft.<br>350°-360° beyond 30nm<br>BLW 9000ft. |
| DME | HPE | 1162MHz<br>(CH-75X) | H24 | *392600.09N*<br>*1410800.60E* | 339ft | DME unusable :<br>050°-090° beyond 30nm<br>BLW 9000ft.<br>280°-360° beyond 30nm<br>BLW 9000ft. |
| ILS-LOC 20 | IHP | 109.3MHz | 2300 - 1030 | *392456.26N*<br>*1410755.86E* | | LOC : 230m (755ft) away FM RWY 02 THR,<br>BRG (MAG)199° |
| ILS-GP 20 | - | 332.0MHz | 2300 - 1030 | *392613.90N*<br>*1410809.72E* | | GP : 316m (1037ft) inside FM RWY 20 THR, 120m (394ft) W of RCL.<br>Angle 3.0°<br>HGT of ILS Ref datum16.5m (54ft). |
| ILS-DME 20 | IHP | 991MHz<br>(CH-30X) | 2300 - 1030 | *392613.93N*<br>*1410809.29E* | 314ft | DME:316m (1037ft) inside FM RWY 20 THR, 130m W of RCL. |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based. |




## RJSI AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

| |
|---|
| 1. Aircraft operations other than scheduled flights or in an emergency<br>On use of this airport, aircraft operator is required to obtain the permission of the airport authority. |

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 |

## RJSI AD 2.21 NOISE ABATEMENT PROCEDURES

| |
|---|
| Nil |

## RJSI 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 | 02 | A, B, C, D | - | 400m | - | 400m | - | 500m |
| | 20 | A, B, C, D | 400m | 400m | 400m | 400m | - | 500m |
| OTHER | 02 | A, B, C, D | AVBL LDG MINIMA | | | | | |
| | 20 | | | | | | | |

## RJSI AD 2.23 ADDITIONAL INFORMATION

| |
|---|
| Nil |

## RJSI AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (OHSHU)
Standard Departure Chart - Instrument (NIIGATA)
Standard Departure Chart - Instrument (HANAMAKI)
Standard Departure Chart - Instrument (SAMBO-RNAV)
Standard Departure Chart - Instrument (HANKA-RNAV)
Standard Arrival Chart - Instrument (REMEN-RNAV)
Standard Arrival Chart - Instrument (WANKO-RNAV)
Standard Arrival Chart - Instrument (SIOMO-RNAV)
Standard Arrival Chart - Instrument (SUIHO-RNAV)
Instrument Approach Chart (ILS Z or LOC Z RWY20)
Instrument Approach Chart (ILS Y or LOC Y RWY20)
Instrument Approach Chart (VOR RWY20)
Instrument Approach Chart (VOR RWY02)
Instrument Approach Chart (RNAV(GNSS) RWY02)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

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