

## AD 2 AERODROMES

## RJSH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJSH - HACHINOHE

## RJSH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |                  |
|---|--|------------------|
| 1 | ARP coordinates and site at AD   | 403307N 1412802E |
| 2 | Direction and distance from (city)   | 3.0nm NW         |
| 3 | Elevation/ Reference temperature   | 152ft / -        |
| 4 | Geoid undulation at AD ELEV PSN  | Nil              |
| 5 | MAG VAR/ Annual change   | Nil              |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | JSDF-M           |
| 7 | Types of traffic permitted(IFR/ VFR)   | IFR/VFR          |
| 8 | Remarks  | Nil              |

## RJSH AD 2.3 OPERATIONAL HOURS

|    |                           |     |
|----|---------------------------|-----|
| 1  | AD Administration         | H24 |
| 2  | Customs and immigration   | Nil |
| 3  | Health and sanitation     | Nil |
| 4  | AIS Briefing Office       | H24 |
| 5  | ATS Reporting Office(ARO) | Nil |
| 6  | MET Briefing Office       | H24 |
| 7  | ATS                       | H24 |
| 8  | Fuelling                  | Nil |
| 9  | Handling                  | Nil |
| 10 | Security                  | Nil |
| 11 | De-icing                  | Nil |
| 12 | Remarks                   | Nil |

**RJSH AD 2.4 HANDLING SERVICES AND FACILITIES**

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

**RJSH 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 |

**RJSH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

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

**RJSH AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |     |
|---|-----------------------------|-----|
| 1 | Types of clearing equipment | Nil |
| 2 | Clearance priorities        | Nil |
| 3 | Remarks                     | Nil |

**RJSH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |                                     |                    |
|---|-------------------------------------|--------------------|
| 1 | Apron surface and strength          | To be issued later |
| 2 | Taxiway width, surface and strength | To be issued later |
| 3 | ACL and elevation                   | Not available      |
| 4 | VOR checkpoints                     | Nil                |
| 5 | INS checkpoints                     | Nil                |
| 6 | Remarks                             | Nil                |

**RJSH 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: 07/25<br>(LGT) RTHL, TKOF aiming LGT<br><br>TWY:<br>(LGT) TWY edge LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | Nil   |

**RJSH AD 2.10 AERODROME OBSTACLES**

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

## RJSH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |  |           |
|----|--|-----------|
| 1  | Associated MET Office  | HACHINOHE |
| 2  | Hours of service<br>MET Office outside hours                           | H24       |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil       |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil       |
| 5  | Briefing/ consultation provided  | Nil       |
| 6  | Flight documentation<br>Language(s) used                               | Ja,En     |
| 7  | Charts and other information available for<br>briefing or consultation | S,U       |
| 8  | Supplementary equipment<br>available for providing information         | Nil       |
| 9  | ATS units provided with information                                    | Nil       |
| 10 | Additional information(limitation of service,<br>etc.)                 | Nil       |

## RJSH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE BRG | Dimensions of<br>RWY(M) | Strength(PCN) and<br>surface of RWY   | THR coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY |
|------------------------|----------|-------------------------|---|---|---|
| 1                      | 2        | 3                       | 4   | 5                                       | 6   |
| 07                     | 063.57°  | 2250×45                 | SW36500kg(80500lbs)<br>DW56000kg(123500lbs)<br>DTW117000kg(258000lbs)<br>Concrete | 403251.01N<br>1412718.94E               | THR ELEV : 152ft  |
| 25                     | 243.57°  | 2250×45                 | SW36500kg(80500lbs)<br>DW56000kg(123500lbs)<br>DTW117000kg(258000lbs)<br>Concrete | 403323.51N<br>1412844.64E               | THR ELEV : 96.9ft<br>TDZ ELEV : 118.8ft                               |
| Slope of RWY           |          | Strip<br>Dimensions(M)  | Remarks   |   |   |
| 7                      |          | 10                      | 12  |   |   |
| See below figure       |          | 2370×300<br>2370×300    | Nil   |   |   |

**RJSH AD 2.13 DECLARED DISTANCES**

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

**RJSH 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   |                         |                 | PAPI 3.0°/Left 334m 45ft            |          |                              |                              |                 |                |
| 25   | AVBL                    |                 | PAPI 2.5°/Left 395m 59ft            |          |                              |                              |                 |                |
| Remarks                                    |                         |                 |                                     |          |                              |                              |                 |                |
| 10   |                         |                 |                                     |          |                              |                              |                 |                |
| RWY THR ID LGT for RWY07 THR (Color:White) |                         |                 |                                     |          |                              |                              |                 |                |

**RJSH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |  |  |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 403249N/1412816E, White/Green EV10sec, HO |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI:LGTD                                       |
| 3 | TWY edge and centerline lighting                         | TWY edge LGT:AVBL                              |
| 4 | Secondary power supply/ switch-over time                 | Nil  |
| 5 | Remarks  | WDI LGT, OBST LGT                              |

## RJSH AD 2.16 HELICOPTER LANDING AREA

To be issued later

## RJSH 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       |
| HACHINOHE CTR                  | Area within a radius of 5 nm of HACHINOHE ARP(40°33'N 141°28'E) | 6000 or below        | D                       | HACHINOHE TOWER En          |         |

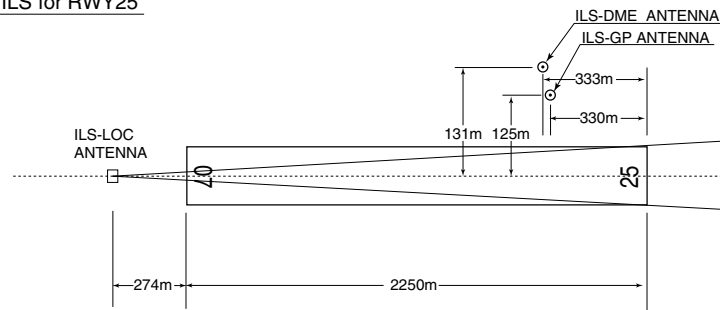
## RJSH AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign         | Frequency  | Hours of operation  | Remarks   |
|---------------------|-------------------|--|---|---|
| 1                   | 2                 | 3  | 4   | 5   |
| TWR                 | Hachinohe Tower   | 228.2MHz<br>126.2MHz(4)<br>325.4MHz<br>138.3MHz<br>236.8MHz(2)(3)<br>123.1MHz(1)<br>121.5MHz(E)<br>243.0MHz(E)<br>141.2MHz                             | H24   | APP provided by Misawa APP.<br><br>(1)For rescue only.<br>(2)Required specification on flight plan.<br>(3)AVBL on request<br>(4)Secondary |
| GND                 | Hachinohe Ground  | 325.4MHz   | H24   |   |
| GCA-ASR<br>-PAR     | Hachinohe GCA     | 335.6MHz<br>270.8MHz<br>134.1MHz<br>125.3MHz<br>335.8MHz<br>289.4MHz<br>258.6MHz<br>139.55MHz<br>123.1MHz(1)<br>258.2MHz<br>243.0MHz(E)<br>121.5MHz(E) | 2300 - 0800<br>EXC<br>FRI0801 - SUN2259<br>and HOL<br>Other time 1HR PN | ASR RWY 07/25<br>PAR RWY 25<br>Glide path 2.5°<br>Maintenance period:<br>2300 - 0800 1st SAT in VMC                                       |
| ATIS                | Hachinohe Airport | 245.8MHz   | 2200 - 1300<br>EXC<br>FRI1301 - SUN2159<br>and HOL<br>Other time 1HR PN |   |

## RJSH AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid | ID  | Frequency           | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks   |
|-------------|-----|---------------------|--------------------|--|---------------------------------------|---|
| 1           | 2   | 3                   | 4                  | 5  | 6                                     | 7   |
| NDB         | JC  | 381KHz              | H24                | 403301N 1412842E                             |                                       |   |
| TACAN       | HVT | 984MHz<br>(CH-23X)  | H24                | 403321N 1412812E                             | 45.1m<br>(147.9ft)                    | TACAN Unusable:<br>R040-050 beyond 35NM BLW 2000ft.<br>R060-070 beyond 36NM BLW 2000ft.<br>R140-150 beyond 35NM BLW 5000ft.<br>R150-170 beyond 32NM BLW 7000ft.<br>R320-330 beyond 35NM BLW 5000ft.<br>R330-340 beyond 25NM BLW 5000ft.<br>R340-350 beyond 30NM BLW 4000ft.<br>R350-360 beyond 35NM BLW 4000ft. |
| ILS-LOC 25  | IHE | 111.3MHz            | H24                | 403247N 1412709E                             |                                       | LOC : 274m(899ft) away FM RWY 07 THR,BRG(MAG)251°   |
| ILS-GP 25   |     | 332.3MHz            | H24                | 403322N 1412830E                             |                                       | GP:330m(1083ft) inside FM RWY 25 THR,125m(410ft) N of RCL.<br>HGT of ILS Ref datum 16.8m(55ft)<br>Angle 2.5°  |
| ILS-DME 25  | IHE | 1011MHz<br>(CH-50X) | H24                | 403322N 1412829E                             | 35.9m<br>(117.9ft)                    | DME:333m(1093ft) inside FM RWY 25 THR, 131m(430ft) N of RCL.  |

ILS for RWY25



REMARKS : 1. LOC beam BRG(MAG) 251°  
2. HGT of ILS REF datum 16.8m (55ft)  
3. GP Angle 2.5°  
4. ELEV of ILS-DME 35.9m(117.9ft)

**RJSH 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

**RJSH AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil



## RJSH AD 2.22 FLIGHT PROCEDURES

## 1.TAKE OFF MINIMA

|                       | RWY | CEIL-RVR        | CEIL-VIS  |
|-----------------------|-----|-----------------|-----------|
| TKOF ALTN AP<br>FILED | 25  | 200'-800m       | 200'-800m |
|                       | 07  | -               | 200'-800m |
| OTHER                 | 25  | AVBL LDG MINIMA |           |
|                       | 07  |                 |           |

## 2.WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

ASR RWY 25

| MINIMA |           | THR elev. 97 | AD elev. 152 |      |
|--------|-----------|--------------|--------------|------|
| CAT    |           |              | CIRCLING     |      |
|        | MDA(H)    | RVR/CMV      | MDA(H)       | VIS  |
| A      | 580 (483) | 1400         | 580 (428)    | 1600 |
| B      |           | 1500         | 660 (508)    |      |
| C      |           | 1600         | 740 (588)    | 2400 |
| D      |           | 1800         |              | 3200 |

ASR RWY 07

| MINIMA |           | THR elev. 152 | AD elev. 152 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | CMV           | MDA(H)       | VIS  |
| A      | 660 (508) | 1500          | 660 (508)    | 1600 |
| B      |           |               |              |      |
| C      |           | 2000          | 740 (588)    | 2400 |
| D      |           |               |              | 3200 |

PAR RWY 25

| MINIMA |           | THR elev. 97 | AD elev. 152 |      |
|--------|-----------|--------------|--------------|------|
| CAT    |           |              | CIRCLING     |      |
|        | DA(H)     | RVR/CMV      | MDA(H)       | VIS  |
| A      | 320 (223) | 750          | 580 (428)    | 1600 |
| B      |           |              | 660 (508)    |      |
| C      |           |              | 740 (588)    | 2400 |
| D      |           |              |              | 3200 |

**3. Lost communication procedures for arrival aircraft under radar navigational guidance**

If radio communications with Hachinohe GCA are lost for 1 minute(PAR,ASR RWY 25)/30 seconds(ASR RWY 07)in the pattern or 5 seconds (PAR)/15 seconds (ASR) on final approach, squawk Mode A/3 Code 7600 and;

- (I)
  - 1. Contact Misawa Radar.
  - 2. If unable, proceed in accordance with visual flight rules.
  - 3. If unable, proceed to ENBRY/JC NDB at last assigned altitude or 3,000 feet whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation required.

**RJSH AD 2.23 ADDITIONAL INFORMATION**

Nil

**RJSH AD 2.24 CHARTS RELATED TO AN AERODROME**

Standard Departure Chart - Instrument  
Instrument Approach Chart (ILS Z or LOC Z RWY25)  
Instrument Approach Chart (ILS Y or LOC Y RWY25)  
Instrument Approach Chart (ILS X or LOC X RWY25)  
Instrument Approach Chart (TACAN RWY25)  
Instrument Approach Chart (NDB A)  
Instrument Approach Chart (NDB B)  
Other Chart (LDG CHART)

STANDARD DEPARTURE CHART -INSTRUMENT

RJSH / HACHINOHE

SID

HACHINOHE TWO DEPARTURE

RWY07 : Climb via HVT R070(070 degrees from JC NDB) to 1000FT within HVT 8DME (8NM from RWY end),turn right, ...

RWY25 : Climb via HVT R250(250 degrees from JC NDB) to 1000FT within HVT 8DME (8NM from RWY end),turn left, ...

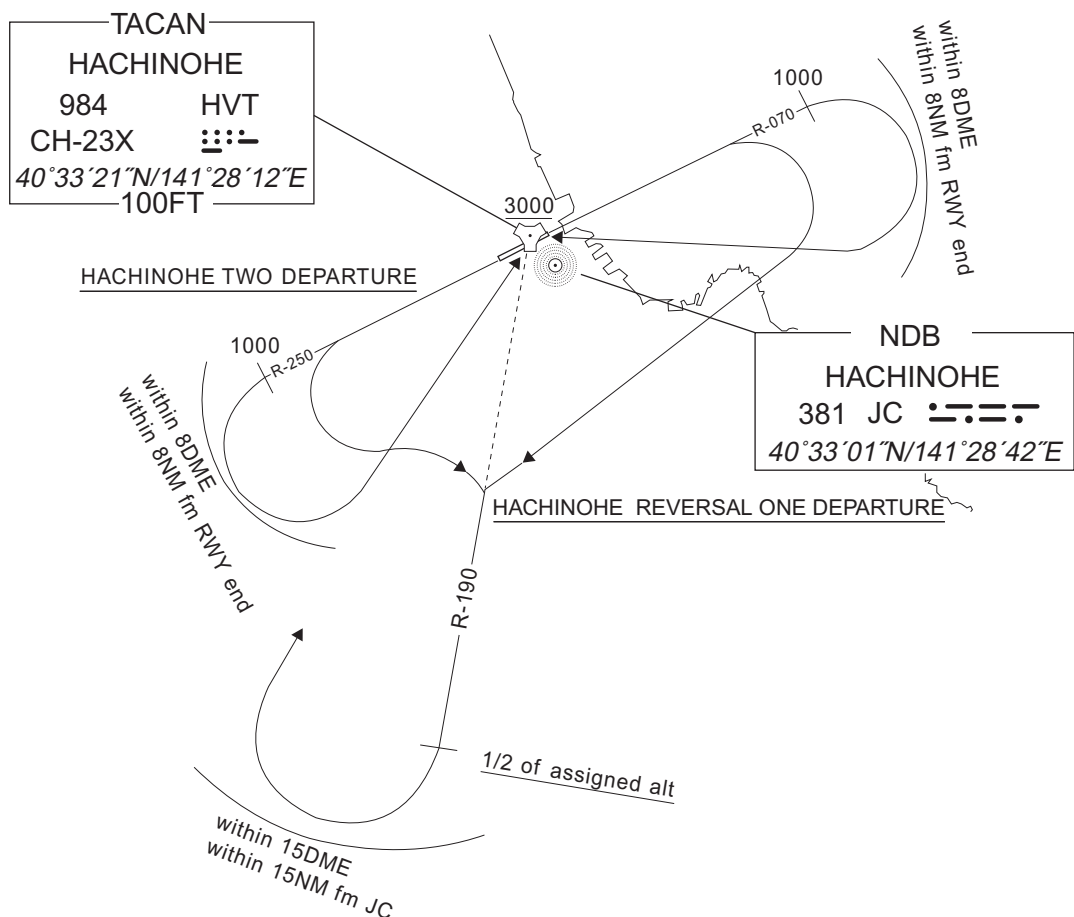
... direct to HVT(JC NDB), cross HVT(JC NDB) at or above 3000FT.

HACHINOHE REVERSAL ONE DEPARTURE

RWY07 : Turn right, ...

RWY25 : Turn left, ...

... climb via HVT R190(190 degrees from JC NDB) until reaching at or above 1/2 of assigned altitude, turn right, direct to HVT(JC NDB) within HVT 15DME (15NM from JC NDB), cross HVT(JC NDB) at assigned altitude.



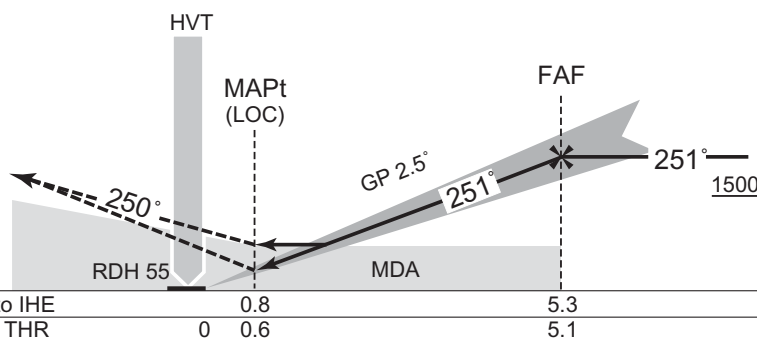
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## RJSH / HACHINOHE

ILS Z or LOC Z RWY25

Climb to 3000FT via HVT R250 to  
HVT 10.0DME and hold.  
Contact MISAWA APP.

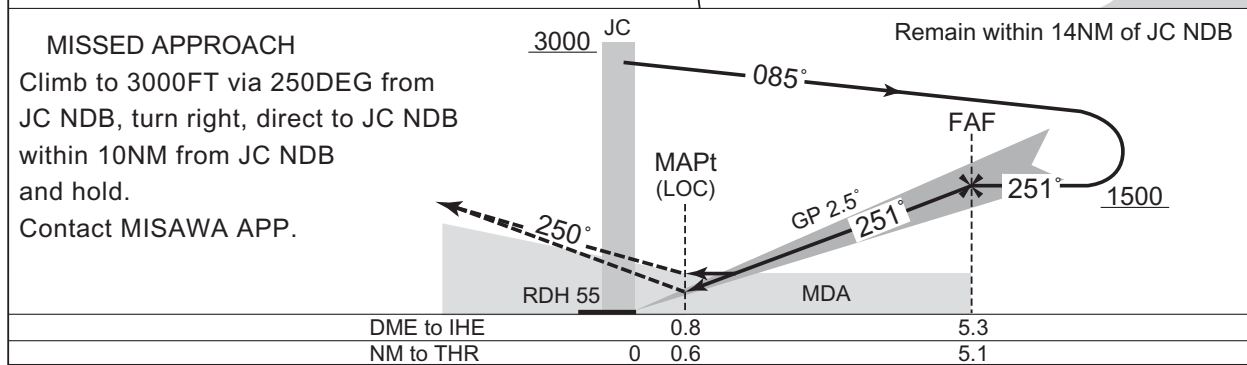


| MINIMA |           | THR elev. 97 |           | AD elev. 152 |           |      |
|--------|-----------|--------------|-----------|--------------|-----------|------|
| CAT    | CAT I     |              | LOC       |              | CIRCLING  |      |
|        | DA(H)     | RVR/<br>CMV  | MDA(H)    | RVR/<br>CMV  | MDA(H)    | VIS  |
| A      | 320 (223) | 750          | 460 (363) | 1200         | 580 (428) | 1600 |
| B      |           |              |           | 1300         | 660 (508) |      |
| C      |           |              |           | 1400         | 740 (588) | 2400 |
| D      |           |              |           | 1600         |           | 3200 |

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## RJSH / HACHINOHE

ILS Y or LOC Y RWY25



| MINIMA |           | THR elev. 97 |           | AD elev. 152 |           |      |
|--------|-----------|--------------|-----------|--------------|-----------|------|
| CAT    | CAT I     |              | LOC       |              | CIRCLING  |      |
|        | DA(H)     | RVR/<br>CMV  | MDA(H)    | RVR/<br>CMV  | MDA(H)    | VIS  |
| A      | 320 (223) | 750          | 460 (363) | 1200         | 580 (428) | 1600 |
| B      |           |              |           | 1300         | 660 (508) |      |
| C      |           |              |           | 1400         | 740 (588) | 2400 |
| D      |           |              |           | 1600         |           | 3200 |

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INSTRUMENT APPROACH CHART

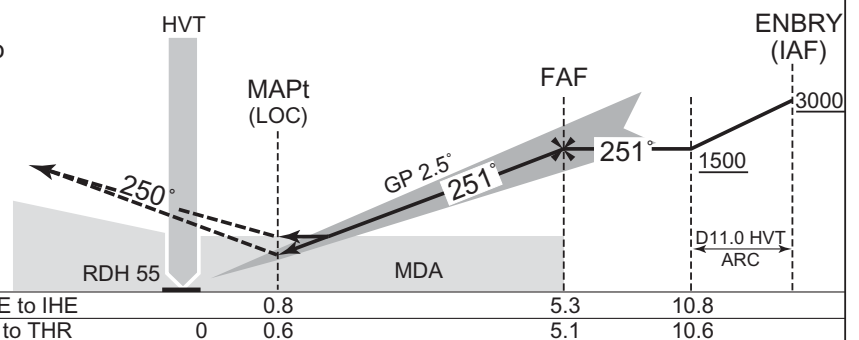
RJSH / HACHINOHE

ILS X or LOC X RWY25



MISSED APPROACH

Climb to 3000FT via HVT R250 to HVT 10.0DME and hold.  
Contact MISAWA APP.



MINIMA

THR elev. 97

AD elev. 152

| CAT | CAT I     |         | LOC       |         | CIRCLING  |      |
|-----|-----------|---------|-----------|---------|-----------|------|
|     | DA(H)     | RVR/CMV | MDA(H)    | RVR/CMV | MDA(H)    | VIS  |
| A   | 320 (223) | 750     | 460 (363) | 1200    | 580 (428) | 1600 |
| B   |           |         |           | 1300    | 660 (508) |      |
| C   |           |         |           | 1400    | 740 (588) | 2400 |
| D   |           |         |           | 1600    |           | 3200 |

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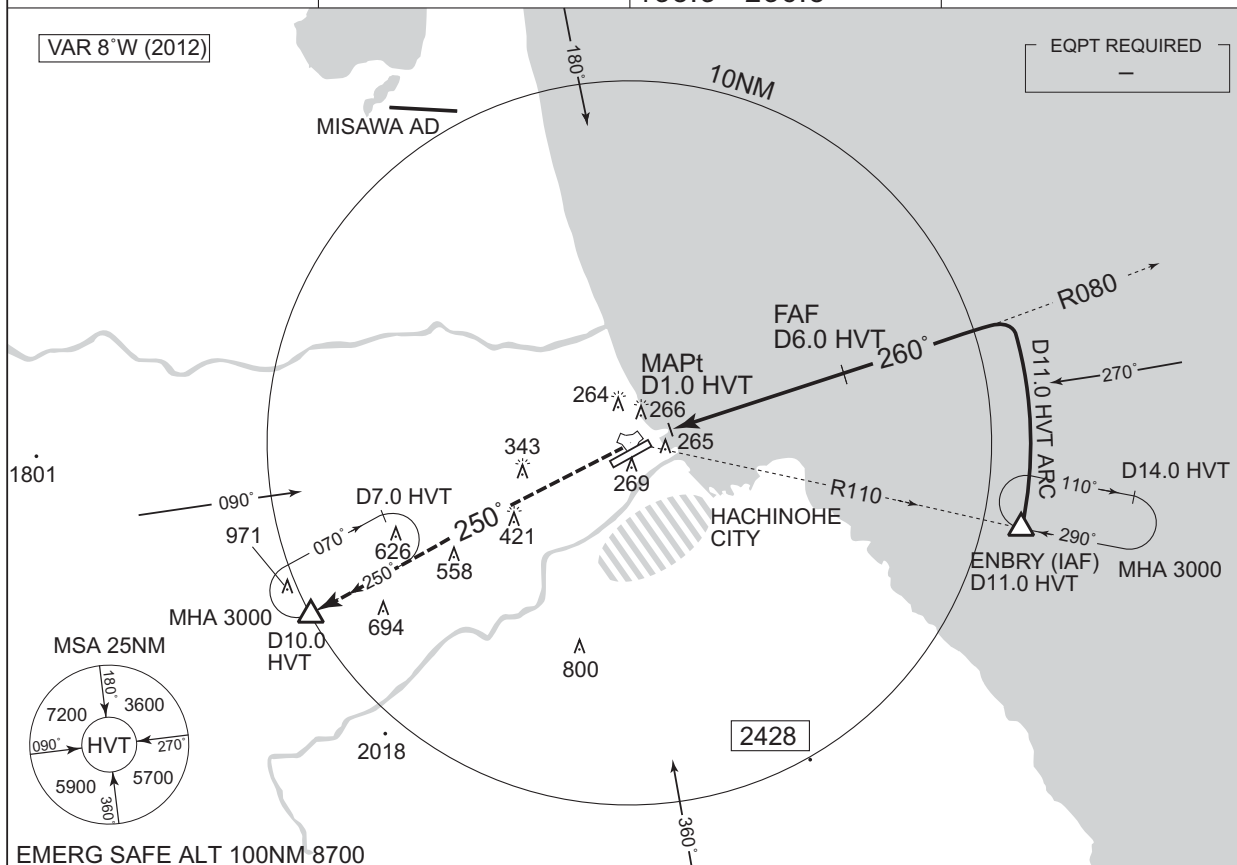
## RJSH / HACHINOHE

MISAWA APP  
317.8 - 261.2  
125.3 - 120.7

HACHINOHE TACAN  
HVT CH-23X ☐-  
40°33'21"N/141°28'12"E

HACHINOHE TOWER  
126.2 - 228.2 - 325.4  
138.3 - 236.8

GCA AVBL  
CALL  
MISAWA APP



Climb to 3000FT via HVT R250 to  
HVT 10.0DME and hold.  
Contact MISAWA APP.



| MINIMA |           | THR elev. 97 | AD elev. 152 |      |
|--------|-----------|--------------|--------------|------|
| CAT    |           |              | CIRCLING     |      |
|        | MDA(H)    | RVR/<br>CMV  | MDA(H)       | VIS  |
| A      | 520 (423) | 1200         | 580 (428)    | 1600 |
| B      |           | 1300         | 660 (508)    |      |
| C      |           | 1400         | 740 (588)    | 2400 |
| D      |           | 1600         |              | 3200 |

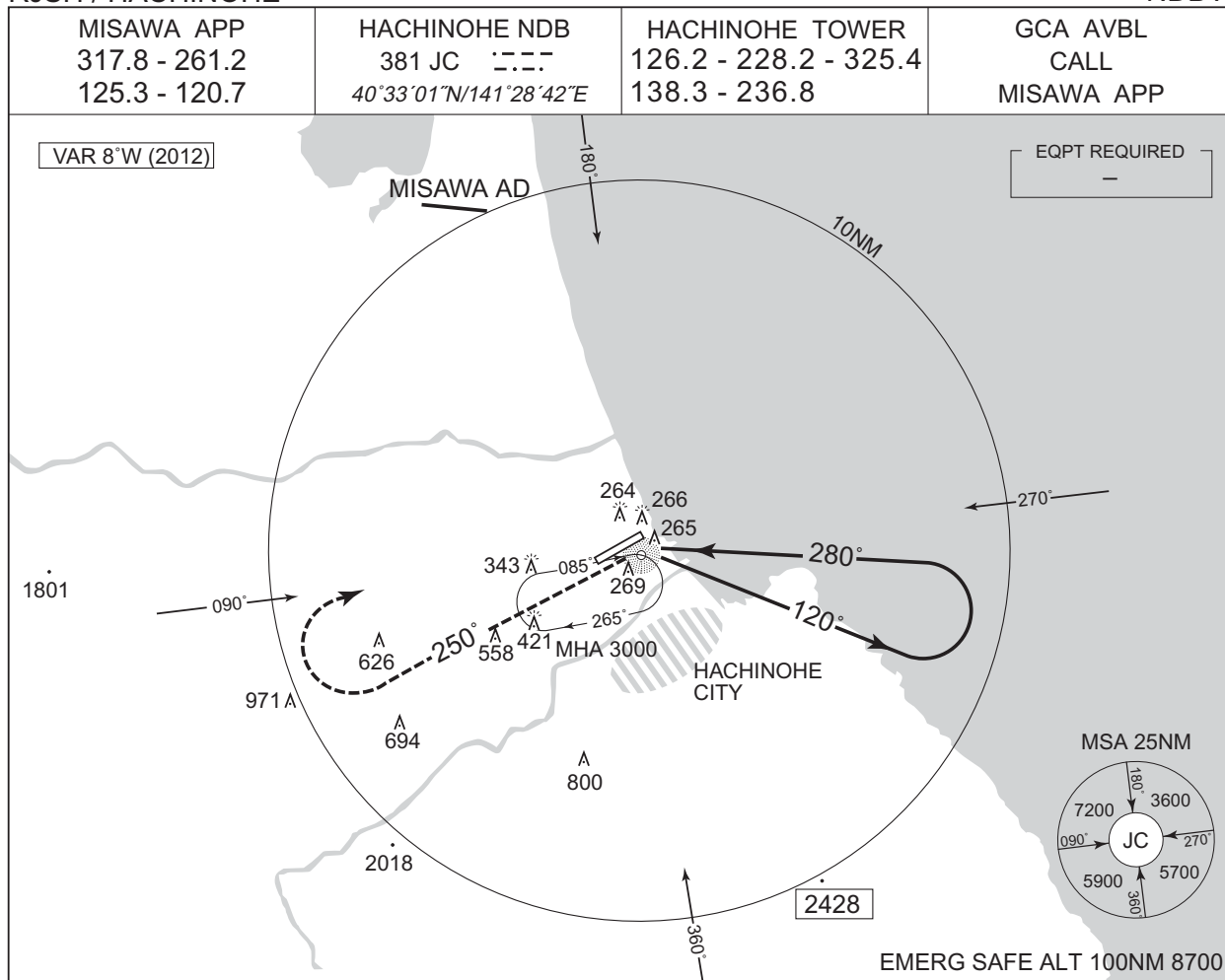
Civil Aviation Bureau, Japan (EFF:10 OCT 2019)



INSTRUMENT APPROACH CHART

RJSH / HACHINOHE

NDB A



**MISSED APPROACH**

At JC NDB, climb to 3000FT via 250DEG from JC NDB, turn right, direct to JC NDB within 10NM from JC NDB and hold. Contact MISAWA APP.



| MINIMA |           | AD elev. 152 |  |
|--------|-----------|--------------|--|
| CAT    | CIRCLING  |              |  |
|        | MDA(H)    | VIS          |  |
| A      | 720 (568) | 1600         |  |
| B      |           |              |  |
| C      | 740 (588) | 2400         |  |
| D      |           | 3200         |  |

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## INSTRUMENT APPROACH CHART

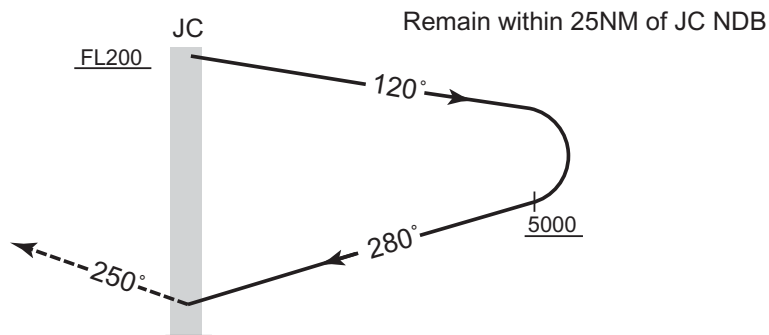
RJSH / HACHINOHE

NDB B



## MISSED APPROACH

At JC NDB, turn left, climb to 5000FT via 250DEG from JC NDB.  
Contact MISAWA APP.



## MINIMA

AD elev. 152

| CAT | CIRCLING  |      |
|-----|-----------|------|
|     | MDA(H)    | VIS  |
| A   | 720 (568) | 1600 |
| B   |           | 1600 |
| C   | 740 (588) | 2400 |
| D   |           | 3200 |

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