

## AD 2 AERODROMES

## RJTH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJTH - HACHIOJIMA

## RJTH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD   | 330654N/1394709E<br>1.0km from RWY08 THR  |
| 2 | Direction and distance from (city)   | 1.0km NW from Hachijo town office   |
| 3 | Elevation/ Reference temperature   | 301ft / 30°C(2004-2008)   |
| 4 | Geoid undulation at AD ELEV PSN  | 144FT   |
| 5 | MAG VAR/ Annual change   | 6°W(2007) / -   |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Tokyo Municipal Govt.<br>2839-2, Ookago, Hachijo-machi, Hachijo-jima(Is.), Tokyo.<br>TEL:04996-2-0163<br>FAX:04996-2-3173 |
| 7 | Types of traffic permitted(IFR/VFR)  | IFR/VFR   |
| 8 | Remarks  | Nil   |

## RJTH AD 2.3 OPERATIONAL HOURS

|    |                           |   |
|----|---------------------------|---|
| 1  | AD Administration         | 2300 - 0900   |
| 2  | Customs and immigration   | On request<br>Customs: 03-3599-6214<br>Immigration: 0570-034259 (Department Number 210) |
| 3  | Health and sanitation     | Quarantine(human): On request(03-3599-1515)<br>Quarantine(animal, plant): Nil           |
| 4  | AIS Briefing Office       | Nil   |
| 5  | ATS Reporting Office(ARO) | Nil   |
| 6  | MET Briefing Office       | H24 (TOKYO)   |
| 7  | ATS                       | 2300 - 0900<br>Remarks: AFIS provided by New Chitose Airport Office.                    |
| 8  | Fuelling                  | 2300 - 0900(On Request)   |
| 9  | Handling                  | 2300 - 0900   |
| 10 | Security                  | 2300 - 0900   |
| 11 | De-icing                  | Nil   |
| 12 | Remarks                   | Nil   |

**RJTH AD 2.4 HANDLING SERVICES AND FACILITIES**

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

**RJTH 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 |

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

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

**RJTH AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

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

|   |                                     |  |
|---|-------------------------------------|--|
| 1 | Apron surface and strength          | Surface:Asphalt Concrete, Strength:PCN 41/R/B/X/T  |
| 2 | Taxiway width, surface and strength | Width : 23m<br>Surface : Asphalt Concrete, Strength:PCN 42/F/A/X/T                             |
| 3 | ACL and elevation                   | Not available  |
| 4 | VOR checkpoints                     | Not available  |
| 5 | INS checkpoints                     | Spot NR<br>1 330656.14N ,1394657.15E<br>2 330657.40N ,1394658.03E<br>3 330657.86N ,1394659.68E |
| 6 | Remarks                             | Nil  |

## RJTH 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:08/26<br>(Marking):RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe<br>(LGT): RCLL, REDL, RTHL, RENL<br>TWY:<br>(Marking):TWY CL, RWY HLDG PSN, TWY side stripe<br>(LGT):TWY edge LGT, TWY CL LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | (Marking):Overrun area<br>(LGT):Apron flood LGT   |

## RJTH AD 2.10 AERODROME OBSTACLES

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

## RJTH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |  |  |
|----|--|--|
| 1  | Associated MET Office  | TOKYO  |
| 2  | Hours of service<br>MET Office outside hours                           | H24 (TOKYO)  |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil  |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil  |
| 5  | Briefing/ consultation provided  | Briefing is available upon inquiry at TOKYO  |
| 6  | Flight documentation<br>Language(s) used                               | C<br>En  |
| 7  | Charts and other information available<br>for briefing or consultation | S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> ,<br>P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment<br>available for providing information         | Nil  |
| 9  | ATS units provided with information                                    | RADIO  |
| 10 | Additional information(limitation of<br>service, etc.)                 | Nil  |

## RJTH 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   |
| 08                     | 069.56°  | 2000x45                 | PCN 42/F/A/X/T<br>Asphalt Concrete  | 330643.03N<br>1394633.07E               | THR ELEV : 282ft  |
| 26                     | 249.56°  | 2000x45                 | PCN 42/F/A/X/T<br>Asphalt Concrete  | 330705.72N<br>1394745.36E               | THR ELEV : 284ft  |
| Slope of RWY           |          | Strip<br>Dimensions(M)  | RESA(Overrun)<br>Dimensions(M)      | Remarks                                 |   |
| 7                      |          | 10                      | 11                                  | 14                                      |   |
| See Below Figure       |          | 2120x150                | 40x150                              | RWY Grooving: 2000x30m                  |   |
|                        |          | 2120x150                | 40x150                              |   |   |

Slope of RWY

The profile view shows the elevation of the runway from 0m to 2000m. The elevation starts at 282ft at 0m, rises to 289ft at 280m, dips to 297ft at 680m, rises to 299ft at 830m, dips to 302ft at 1180m, rises to 293ft at 1630m, dips to 287ft at 1870m, and ends at 284ft at 2000m. The slope percentages are: 0.66% (0-70m), 0.76% (70-280m), 0.63% (280-680m), 0.34% (680-830m), 0.26% (830-1180m), 0.59% (1180-1630m), 0.79% (1630-1870m), and 0.71% (1870-2000m).

## RJTH 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       |
| 08             | 2000        | 2000        | 2000        | 2000       | Nil     |
| 26             | 2000        | 2000        | 2000        | 2000       | Nil     |

## RJTH AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator  | APCH LGT type<br>LEN INTST  | RTHL Color<br>WBAR | PAPI (VASIS)<br>Angle<br>DIST FM THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST          | REDL<br>LEN<br>Spacing<br>Color<br>INTST             | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|---|-----------------------------|--------------------|--|-------------|---|--|-----------------------|----------------------|
| 1   | 2                           | 3                  | 4  | 5           | 6   | 7  | 8                     | 9                    |
| 08  | Nil<br>(*1)                 | Green<br>Nil       | PAPI<br>3.0°/LEFT<br>324.3m<br>61ft          |             | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil(*3)              |
| 26  | SALS<br>420m<br>(*2)<br>LIH | Green<br>Nil       | PAPI<br>3.0°/LEFT<br>322.6m<br>61ft          |             | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil(*3)              |
| Remarks   |                             |                    |  |             |   |  |                       |                      |
| 10  |                             |                    |  |             |   |  |                       |                      |
| APCH Guidance LGT for RWY 08(LEN:2013m)(*1)<br>SALS with APCH Guidance LGT for RWY 26(LEN:1579m)(*2)<br>Overrun area edge LGT(LEN:30m Color:Red)(*3)<br>RWY THR ID LGT for RWY08 THR(Color:White) |                             |                    |  |             |   |  |                       |                      |

## RJTH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 330703N/1394703E, White/Green EV4.3sec, HO   |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI:Nil<br>Anemometer:<br>RWY08:250m FM RWY08 THR, LGTD<br>Mid:300m FM ARP, LGTD<br>RWY26:150m FM RWY26 THR, LGTD   |
| 3 | TWY edge and center line lighting                        | TWY edge and center line lights installed, see AD2.9  |
| 4 | Secondary power supply / switch-over time                | Within 15 sec: SALS, RTHL, PAPI, RCLL, REDL, RENL, Overrun area edge LGT, RWY THR ID LGT for RWY08 THR, ABN, TWY edge LGT, TWY CL LGT, WDI LGT, Apron flood LGT |
| 5 | Remarks  | WDI LGT   |

**RJTH AD 2.16 HELICOPTER LANDING AREA**

Nil

**RJTH AD 2.17 ATS AIRSPACE**

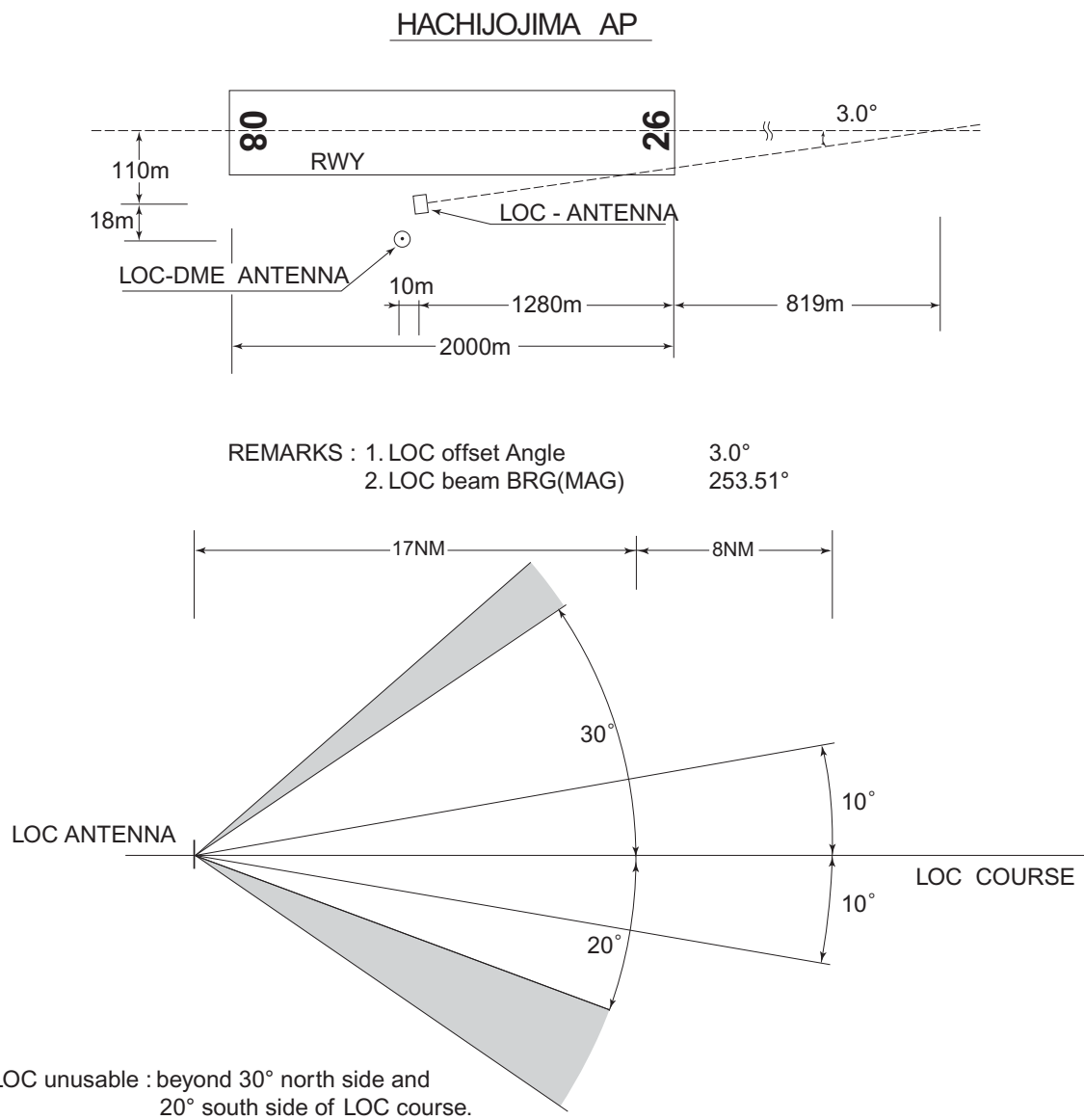
| Designation and lateral limits |  | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|--|----------------------|-------------------------|-----------------------------|---------|
| 1                              |  | 2                    | 3                       | 4                           | 6       |
| Hachiojima Information zone    | Area within a radius of 5nm(9km) of HACHIOJIMA ARP | 3000 or below        | E                       | Hachijo Radio En            |         |

**RJTH AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign     | Frequency | Hours of operation | Remarks                                |
|---------------------|---------------|-----------|--------------------|--|
| 1                   | 2             | 3         | 4                  | 5                                      |
| AFIS                | Hachijo Radio | 118.7MHz  | 2300 - 0900        | Operated by New Chitose Airport Office |

## RJTH AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>(VOR<br>declination) | ID  | Frequency            | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks   |
|-------------------------------------|-----|----------------------|-----------------------|---|--|---|
| 1                                   | 2   | 3                    | 4                     | 5   | 6  | 7   |
| VOR<br>(7°W/2022)                   | HCE | 116.65MHz            | H24                   | 330651.66N/<br>1394718.54E                            |  | VOR/DME Unusable:<br>090°-100° beyond 20NM below 5000ft.<br>100°-200° beyond 5NM below 5000ft.<br>280°-300° beyond 20NM below 5000ft.<br>300°-360° beyond 3NM below 5000ft.     |
| DME                                 | HCE | 1074MHz<br>(CH-113Y) | H24                   | 330651.66N/<br>1394718.54E                            | 339ft  |   |
| LOC 26                              | IHC | 110.1MHz             | 2300 - 0900           | 330647.86N/<br>1394700.58E                            |  | LOC: 720m (2362ft) inside FM RWY 08<br>THR, 110m (361ft) S of RCL.<br>OFFSET 3.0°, BRG (MAG) 253.51°<br>Unusable:<br>beyond 30° North side and 20° South side<br>of LOC course. |
| LOC-DME 26                          | IHC | 999MHz               | 2300 - 0900           | 330647.19N/<br>1394700.54E                            |  | LOC-DME: 710m (2329ft) inside FM RWY<br>08 THR, 128m (420ft) S of RCL.  |
| MSAS                                |     | 1575.42MHz           | H24                   |   |  | Transmitting antennas are satellite based.  |





## RJTH 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

In principle, no flight training is permitted.  
To apply for an exception, the administrator's prior permission is required.

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

## RJTH AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJTH AD 2.22 FLIGHT PROCEDURES

TAKE OFF MINIMA

|  | RWY | ACFT<br>CAT | REDL & RCLL     |      | REDL or RCLL<br>or RCL Marking |      | NIL<br>(DAYTIME ONLY) |      |
|--|-----|-------------|-----------------|------|--------------------------------|------|-----------------------|------|
|  |     |             | RVR             | VIS  | RVR                            | VIS  | RVR                   | VIS  |
| Multi-Engine<br>ACFT with<br>TKOF ALTN<br>AP FILED | 08  | A,B,C,D     | -               | 400m | -                              | 400m | -                     | 500m |
|  | 26  |             |                 |      |                                |      |                       |      |
| OTHER  | 08  | A,B,C,D     | AVBL LDG MINIMA |      |                                |      |                       |      |
|  | 26  |             |                 |      |                                |      |                       |      |

RJTH AD 2.23 ADDITIONAL INFORMATION

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

RJTH AD 2.24 CHARTS RELATED TO AN AERODROME

|   |
|---|
| Aerodrome/Heliport Chart<br>Standard Departure Chart-Instrument (HACHIJO REVERSAL)<br>Standard Departure Chart-Instrument (TOPIT-RNAV)<br>Standard Arrival Chart-Instrument<br>Instrument Approach Chart (LOC Z RWY26)<br>Instrument Approach Chart (LOC Y RWY26)<br>Instrument Approach Chart (VOR A For RWY26)*<br>Instrument Approach Chart (VOR B For RWY08)*<br>Instrument Approach Chart (RNP Z RWY08(AR))<br>Instrument Approach Chart (RNP Y RWY08(AR))<br>Instrument Approach Chart (RNP Z RWY26(AR))<br>Instrument Approach Chart (RNP Y RWY26(AR))<br>Other Chart (Visual REP)<br>Other Chart (LDG Chart)<br>Other Chart (MVA Chart) |
|---|

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

## RJTH / HACHIOJIMA

## AD CHART



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STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

SID

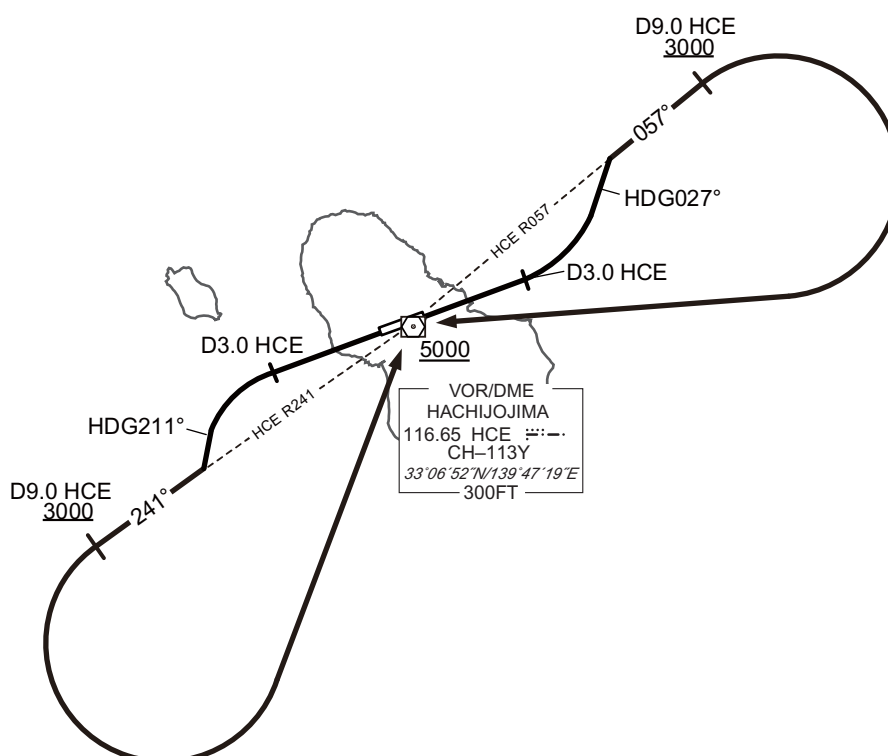
HACHIO REVERSAL SIX DEPARTURE

RWY08 : Climb RWY HDG to HCE 3.0DME, turn left HDG 027° to intercept and proceed via HCE R057 to 9.0DME, turn right, direct to HCE VOR/DME.

Cross HCE R057/9.0DME at or above 3000FT,  
cross HCE VOR/DME at or above 5000FT.

RWY26 : Climb RWY HDG to HCE 3.0DME, turn left HDG 211° to intercept and proceed via HCE R241 to 9.0DME, turn left, direct to HCE VOR/DME.

Cross HCE R241/9.0DME at or above 3000FT,  
cross HCE VOR/DME at or above 5000FT.



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA

RNAV SID



RWY08 : Climb on HDG 076° at or above 1400FT, turn left direct to TOPIT.  
RWY26 : Climb on HDG 256° at or above 3000FT, turn right direct to TOPIT.

RWY08

| 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              | —                   | —        | 076 (069.5)   | -6.7               | —             | —              | +1400         | —            | —              | RNP1                     |
| 002           | DF              | TOPIT               | —        | —             | -6.7               | —             | L              | —             | —            | —              | RNP1                     |

RWY26

| 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              | —                   | —        | 256 (249.5)   | -6.7               | —             | —              | +3000         | —            | —              | RNP1                     |
| 002           | DF              | TOPIT               | —        | —             | -6.7               | —             | R              | —             | —            | —              | RNP1                     |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT

RJTH/HACHIOJIMA

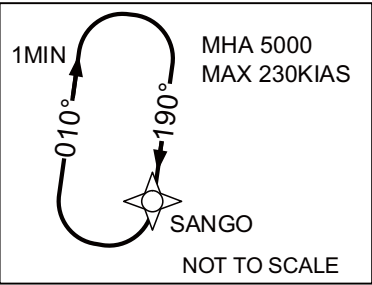
RNAV STAR RWY26

SANGO ARRIVAL

RNP1

Note GNSS required.

VAR7°W



SANGO  
332250.4N  
1394814.0E  
5000



9.5  
134°

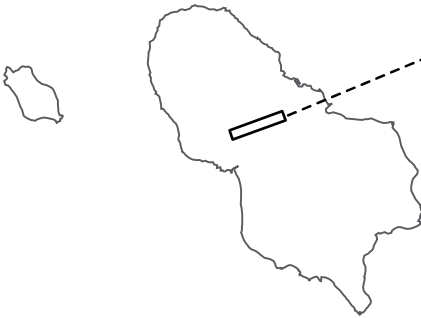


TH671  
331705.1N  
1395719.0E

6.0  
164°



SHELL  
331133.7N  
1400008.6E  
2000



From SANGO at or above 5000FT, to TH671, to SHELL at or above 2000FT.

| 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           | IF              | SANGO               | -        | -              | -6.9               | -             | -              | +5000         | -            | -              | RNP1                     |
| 002           | TF              | TH671               | -        | 134<br>(127.1) | -6.9               | 9.5           | -              | -             | -            | -              | RNP1                     |
| 003           | TF              | SHELL               | -        | 164<br>(156.8) | -6.9               | 6.0           | -              | +2000         | -            | -              | RNP1                     |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | Navigation Specification |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|--------------|--------------------------|
| Hold | SANGO               | 190<br>(182.8)        | -6.9               | 1.0(-14000)         | R              | 5000                  | FL 140                | -230(-14000) | RNP1                     |

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## RJTH / HACHIJOJIMA

LOC Z RWY26



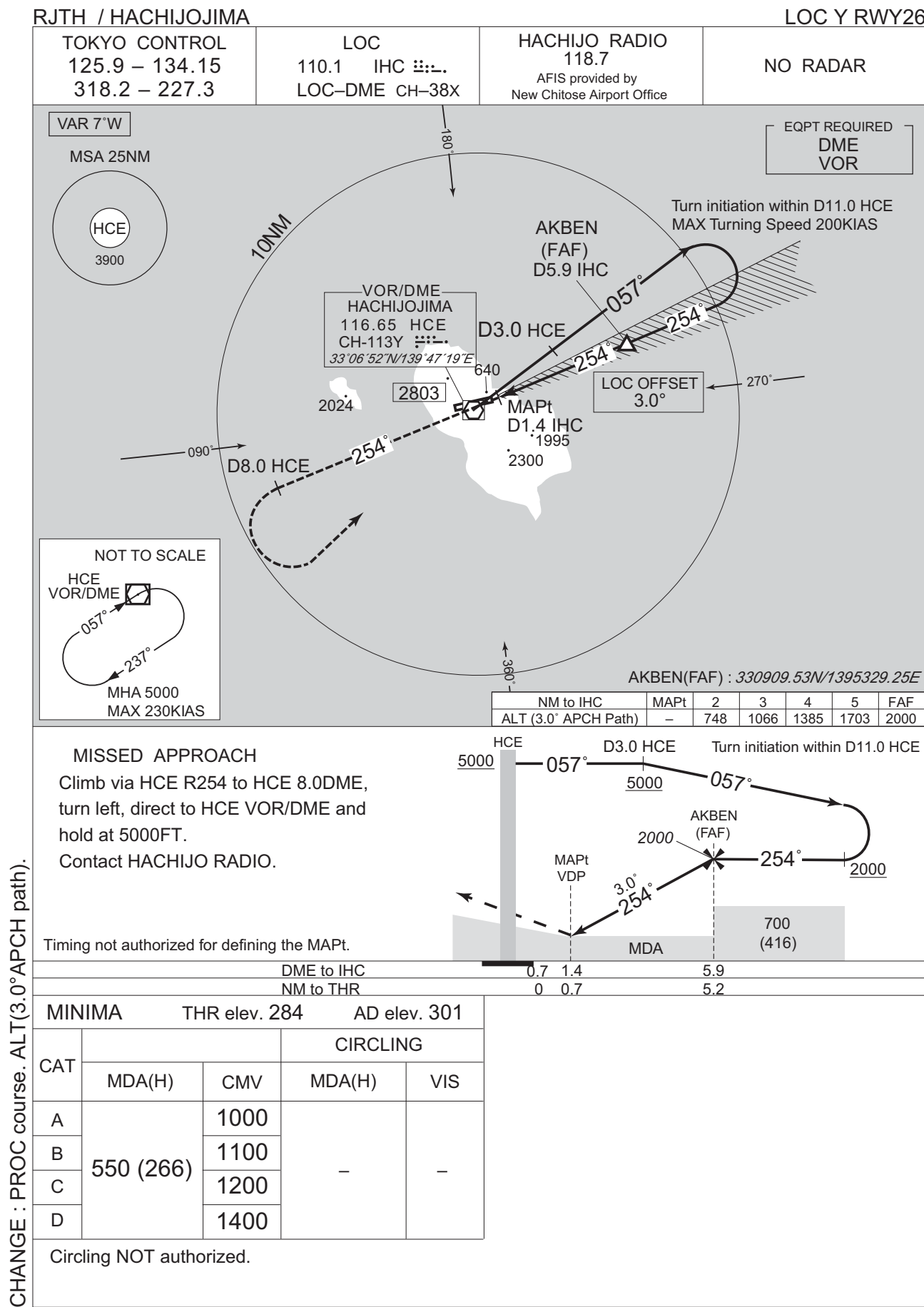
Climb via HCE R254 to HCE 8.0DME,  
turn left, direct to HCE VOR/DME and  
hold at 5000FT.  
Contact HACHIJO RADIO.



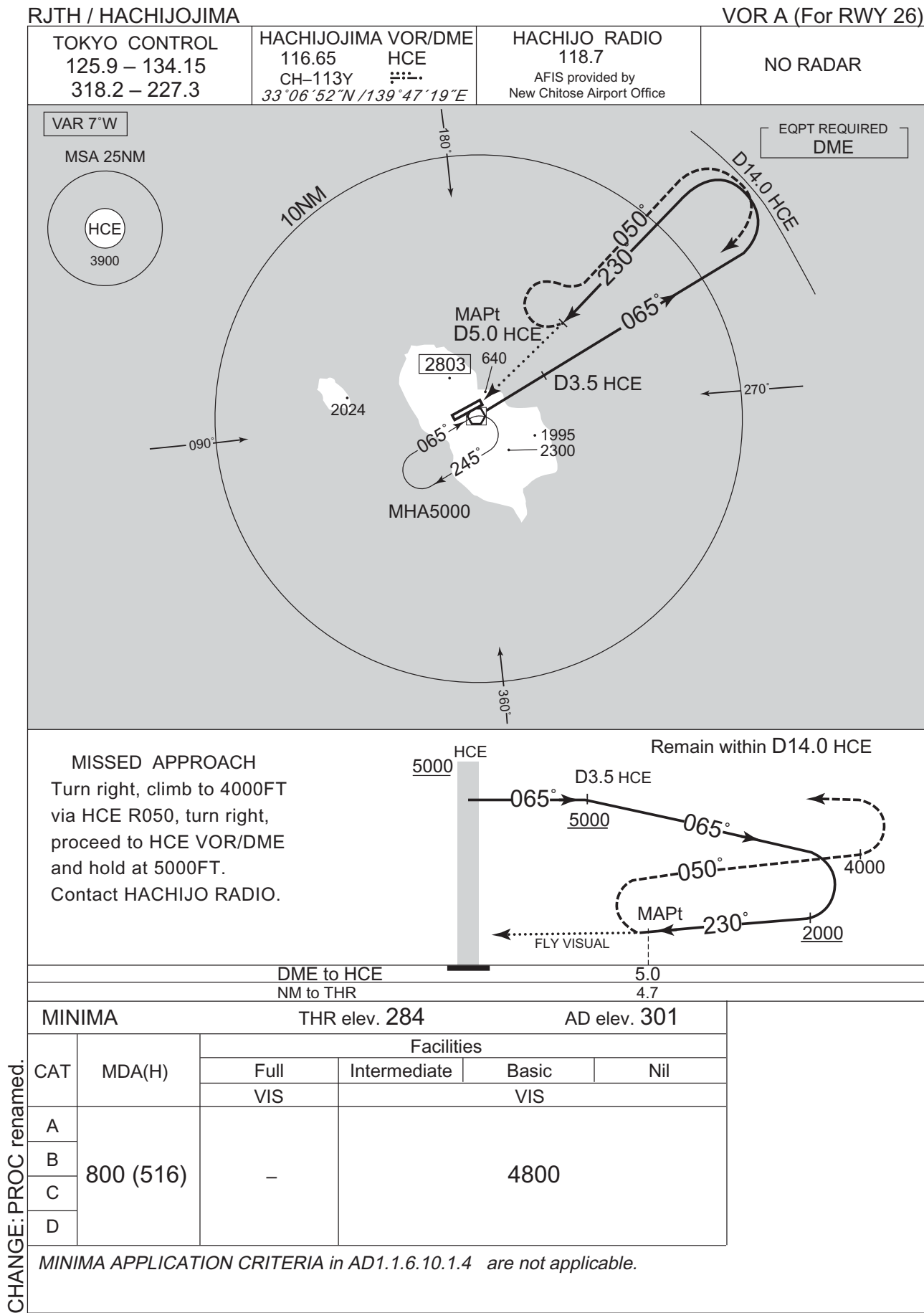
| MINIMA |           | THR elev. 284 | AD elev. 301 |     |
|--------|-----------|---------------|--------------|-----|
| CAT    |           |               | CIRCLING     |     |
|        | MDA(H)    | CMV           | MDA(H)       | VIS |
| A      | 550 (266) | 1000          | -            | -   |
| B      |           | 1100          |              |     |
| C      |           | 1200          |              |     |
| D      |           | 1400          |              |     |

Circling NOT authorized.

INSTRUMENT APPROACH CHART




INSTRUMENT APPROACH CHART



## RJTH / HACHIOJIMA

TOKYO CONTROL  
125.9 – 134.15  
318.2 – 227.3

HACHIJOJIMA VOR/DME  
116.65 HCE  
CH-113Y   
*33°06'52"N/139°47'19"E*

**HACHIJO RADIO**  
**118.7**  
AFIS provided by  
New Chitose Airport Office

NO RADAR

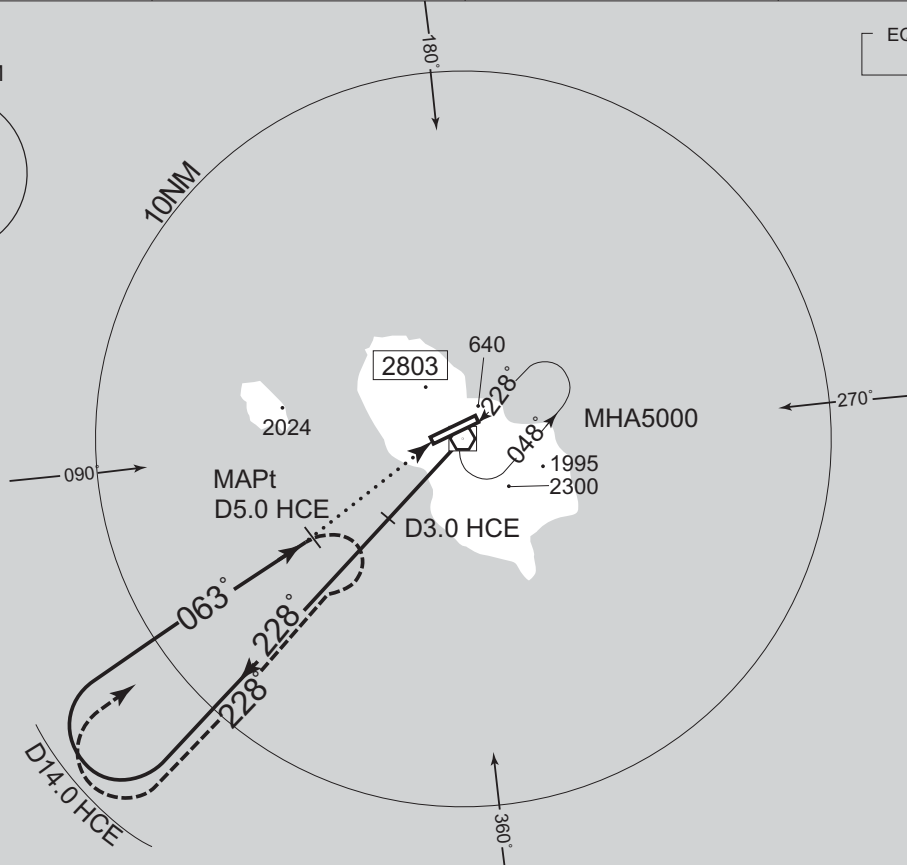
VAR 7°W

MSA 25NM

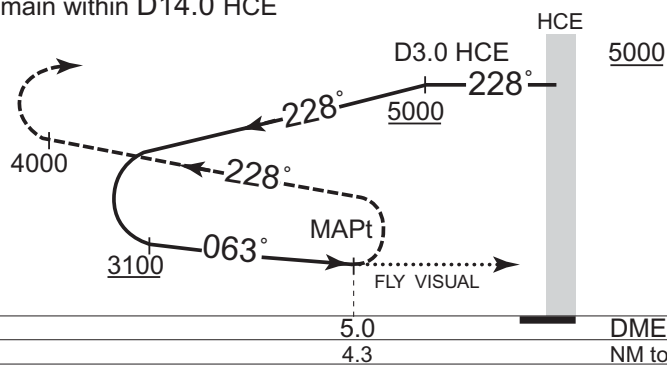
(HCE)

3900

- EQPT REQUIRED  
DME



Remain within D14.0 HCE



### MISSED APPROACH

Turn right, climb to 4000FT via  
HCE R228, turn right,  
proceed to HCE VOR/DME  
and hold at 5000FT.  
Contact HACHIJO RADIO.

|     |  |            |
|-----|--|------------|
| 5.0 |  | DME to HCE |
| 4.3 |  | NM to THR  |

|        |               |              |
|--------|---------------|--------------|
| MINIMA | THR elev. 282 | AD elev. 301 |
|--------|---------------|--------------|

| CAT | MDA(H)    | Facilities |              |       |      |
|-----|-----------|------------|--------------|-------|------|
|     |           | Full       | Intermediate | Basic | Nil  |
|     |           | VIS        |              |       | VIS  |
| A   | 800 (518) | –          |              |       | 4800 |
| B   |           |            |              |       |      |
| C   |           |            |              |       |      |
| D   |           |            |              |       |      |

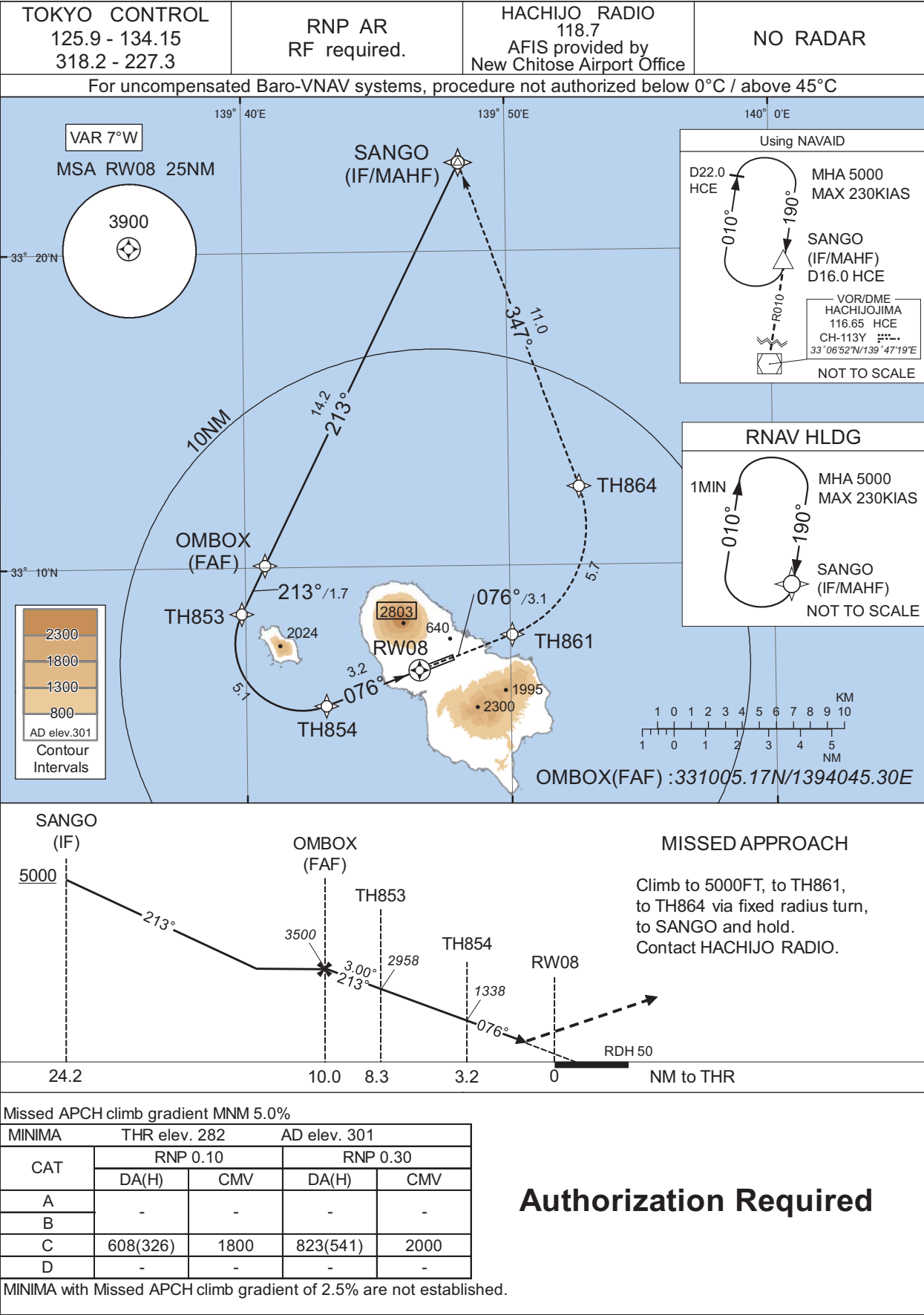
*MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.*

CHANGE: PROC renamed.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNP Z RWY08(AR)



INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP Z RWY08(AR)

Coding Table

| Serial Number | Path Descriptor              | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                           | SANGO               | -        | -             | -7.0               | -             | -              | +5000         | -            | -               | -            |
| 002           | TF                           | OMBOX               | -        | 213 (206.1)   | -7.0               | 14.2          | -              | 3500          | -            | -               | 1.0          |
| 003           | TF                           | TH853               | -        | 213 (206.1)   | -7.0               | 1.7           | -              | 2958          | -            | -3.00           | 0.10<br>0.30 |
| 004           | RF Center: THRF3<br>r=2.13NM | TH854               | -        | -             | -7.0               | 5.1           | L              | 1338          | -            | -3.00           | 0.10<br>0.30 |
| 005           | TF                           | RW08                | Y        | 076 (069.4)   | -7.0               | 3.2           | -              | 332           | -            | -3.00/50        | 0.10<br>0.30 |
| 006           | TF                           | TH861               | -        | 076 (069.5)   | -7.0               | 3.1           | -              | -             | -            | -               | 0.10<br>0.30 |
| 007           | RF Center: THRF4<br>r=3.67NM | TH864               | -        | -             | -7.0               | 5.7           | L              | -             | -            | -               | 1.0          |
| 008           | TF                           | SANGO               | -        | 347 (340.3)   | -7.0               | 11.0          | -              | 5000          | -            | -               | 1.0          |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)  | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | SANGO               | 190 (182.8)           | -6.9               | 1.0 (-14000)        | R              | 5000                  | FL140                 | -230 (-14000) | 1.0       |

Waypoint Coordinates

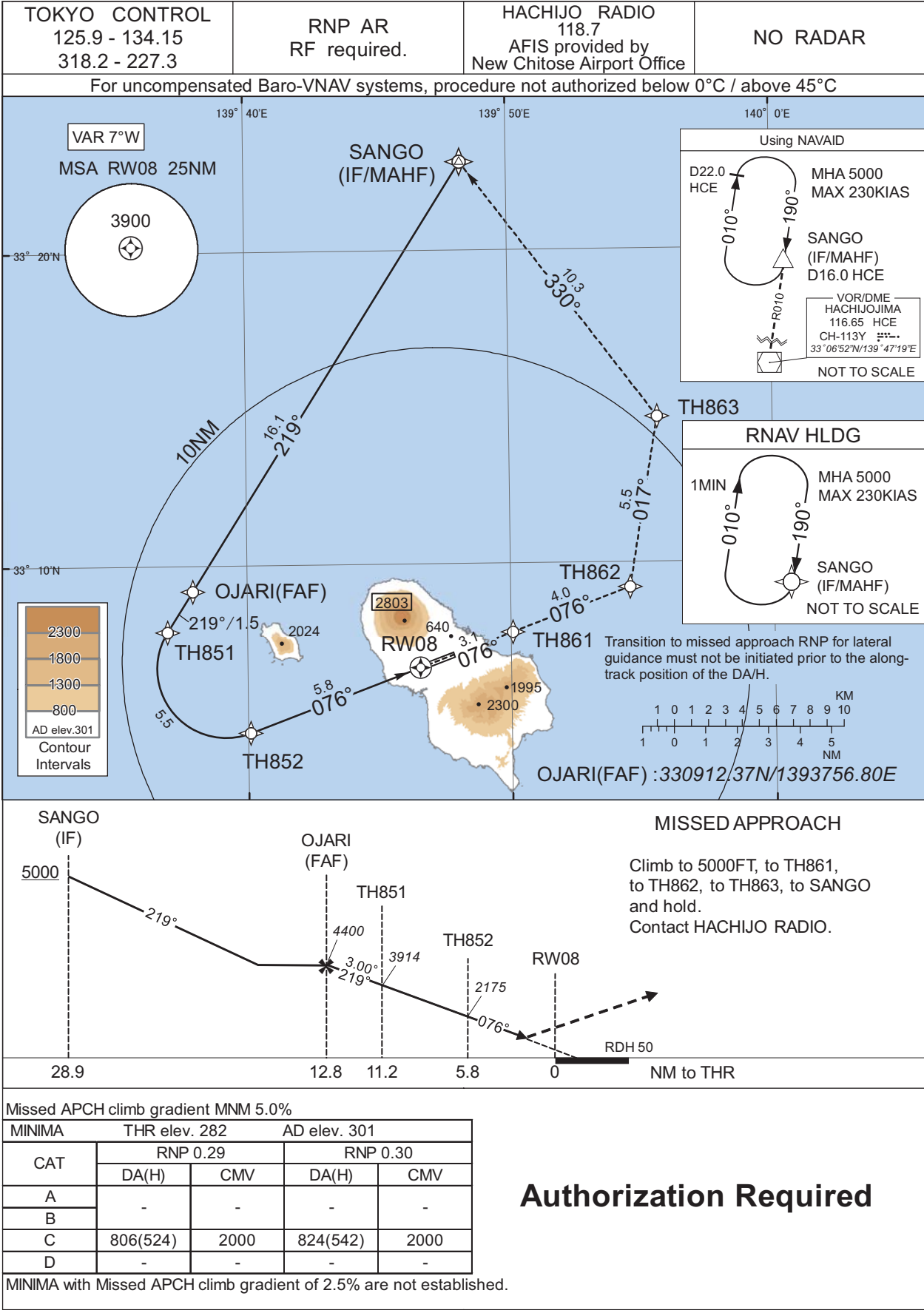
| Waypoint Identifier | Coordinates              | RF Arc Center Identifier | Coordinates              |
|---------------------|--------------------------|--------------------------|--------------------------|
| SANGO               | 332250.44N / 1394814.02E | THRF3                    | 330736.61N / 1394208.22E |
| OMBOX               | 331005.17N / 1394045.30E | THRF4                    | 331116.16N / 1394832.59E |
| TH853               | 330833.19N / 1393951.52E |                          |                          |
| TH854               | 330536.55N / 1394301.55E |                          |                          |
| RW08                | 330643.03N / 1394633.07E |                          |                          |
| TH861               | 330749.27N / 1395004.24E |                          |                          |
| TH864               | 331230.95N / 1395239.67E |                          |                          |

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNP Y RWY08(AR)



INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP Y RWY08(AR)

Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | SANGO               | -        | -             | -6.9               | -             | -              | +5000         | -            | -               | -            |
| 002           | TF                                 | OJARI               | -        | 219 (212.3)   | -6.9               | 16.1          | -              | 4400          | -            | -               | 1.0          |
| 003           | TF                                 | TH851               | -        | 219 (212.2)   | -6.9               | 1.5           | -              | 3914          | -            | -3.00           | 0.29<br>0.30 |
| 004           | RF<br>Center:<br>THRF1<br>r=2.19NM | TH852               | -        | -             | -6.9               | 5.5           | L              | 2175          | -            | -3.00           | 0.29<br>0.30 |
| 005           | TF                                 | RW08                | Y        | 076 (069.4)   | -6.9               | 5.8           | -              | 332           | -            | -3.00/50        | 0.29<br>0.30 |
| 006           | TF                                 | TH861               | -        | 076 (069.5)   | -6.9               | 3.1           | -              | -             | -            | -               | 0.29<br>0.30 |
| 007           | TF                                 | TH862               | -        | 076 (069.5)   | -6.9               | 4.0           | -              | -             | -            | -               | 1.0          |
| 008           | TF                                 | TH863               | -        | 017 (009.6)   | -6.9               | 5.5           | -              | -             | -            | -               | 1.0          |
| 009           | TF                                 | SANGO               | -        | 330 (323.0)   | -6.9               | 10.3          | -              | 5000          | -            | -               | 1.0          |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)  | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | SANGO               | 190 (182.8)           | -6.9               | 1.0 (-14000)        | R              | 5000                  | FL140                 | -230 (-14000) | 1.0       |

Waypoint Coordinates

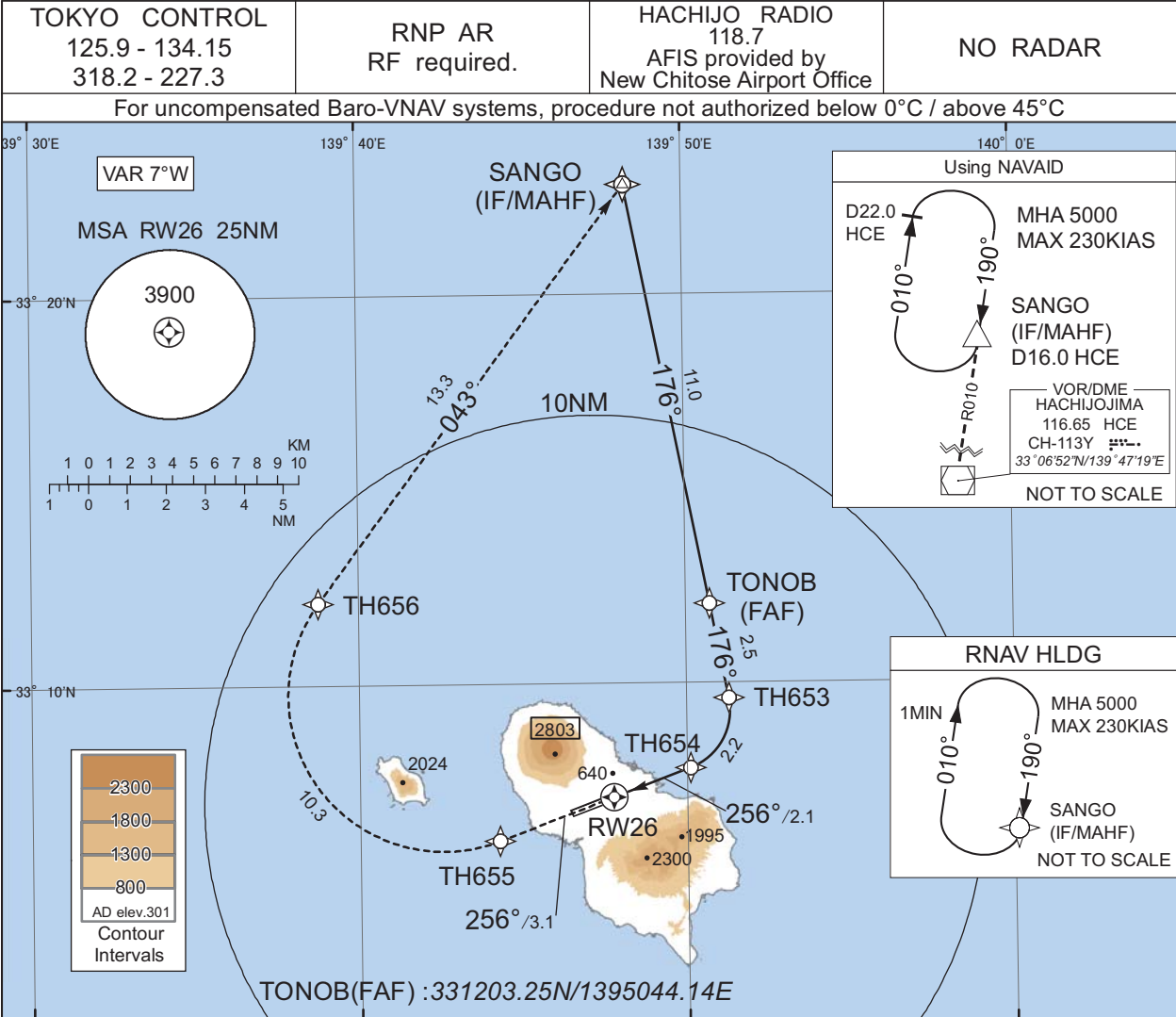
| Waypoint Identifier | Coordinates              | RF Arc Center Identifier | Coordinates              |
|---------------------|--------------------------|--------------------------|--------------------------|
| SANGO               | 332250.44N / 1394814.02E | THRF1                    | 330644.49N / 1393910.78E |
| OJARI               | 330912.37N / 1393756.80E |                          |                          |
| TH851               | 330754.90N / 1393658.54E |                          |                          |
| TH852               | 330441.17N / 1394005.63E |                          |                          |
| RW08                | 330643.03N / 1394633.07E |                          |                          |
| TH861               | 330749.27N / 1395004.24E |                          |                          |
| TH862               | 330913.15N / 1395432.21E |                          |                          |
| TH863               | 331439.22N / 1395537.92E |                          |                          |

CHANGE : PROC renamed.



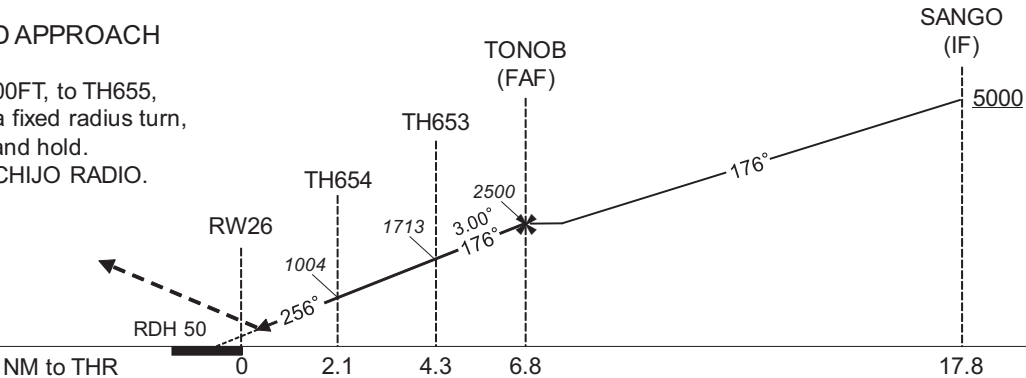
INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA RNP Z RWY26(AR)



MISSED APPROACH

Climb to 5000FT, to TH655,  
to TH656 via fixed radius turn,  
to SANGO and hold.  
Contact HACHIOJO RADIO.



CHANGE : New PROC.

|                                     |               |      |              |      |
|-------------------------------------|---------------|------|--------------|------|
| Missed APCH climb gradient MNM 5.0% |               |      |              |      |
| CAT                                 | THR elev. 284 |      | AD elev. 301 |      |
|                                     | RNP 0.10      |      | RNP 0.30     |      |
|                                     | DA(H)         | CMV  | DA(H)        | CMV  |
| A                                   | -             | -    | -            | -    |
| B                                   | -             | -    | -            | -    |
| C                                   | 545(261)      | 1200 | 844(560)     | 1600 |
| D                                   | -             | -    | -            | -    |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP Z RWY26(AR)

Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | SANGO               | -        | -             | -7.0               | -             | -              | +5000         | -            | -               | -            |
| 002           | TF                                 | TONOB               | -        | 176 (169.0)   | -7.0               | 11.0          | -              | 2500          | -            | -               | 1.0          |
| 003           | TF                                 | TH653               | -        | 176 (169.0)   | -7.0               | 2.5           | -              | 1713          | -            | -3.00           | 0.10<br>0.30 |
| 004           | RF<br>Center:<br>THRF5<br>r=1.58NM | TH654               | -        | -             | -7.0               | 2.2           | R              | 1004          | -            | -3.00           | 0.10<br>0.30 |
| 005           | TF                                 | RW26                | Y        | 256 (249.5)   | -7.0               | 2.1           | -              | 334           | -            | -3.00/50        | 0.10<br>0.30 |
| 006           | TF                                 | TH655               | -        | 256 (249.5)   | -7.0               | 3.1           | -              | -             | -            | -               | 0.10<br>0.30 |
| 007           | RF<br>Center:<br>THRF6<br>r=4.00NM | TH656               | -        | -             | -7.0               | 10.3          | R              | -             | -            | -               | 0.30         |
| 008           | TF                                 | SANGO               | -        | 043 (036.4)   | -7.0               | 13.3          | -              | 5000          | -            | -               | 1.0          |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)  | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | SANGO               | 190 (182.8)           | -6.9               | 1.0 (-14000)        | R              | 5000                  | FL140                 | -230 (-14000) | 1.0       |

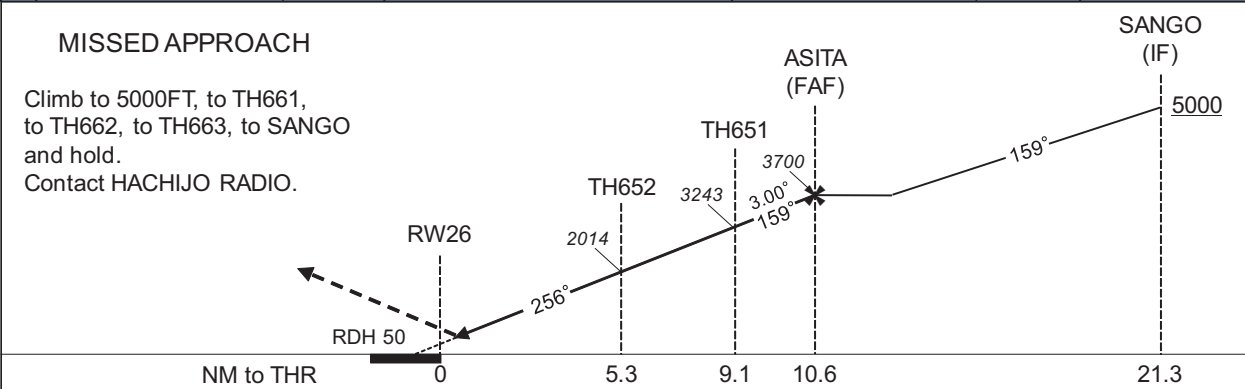
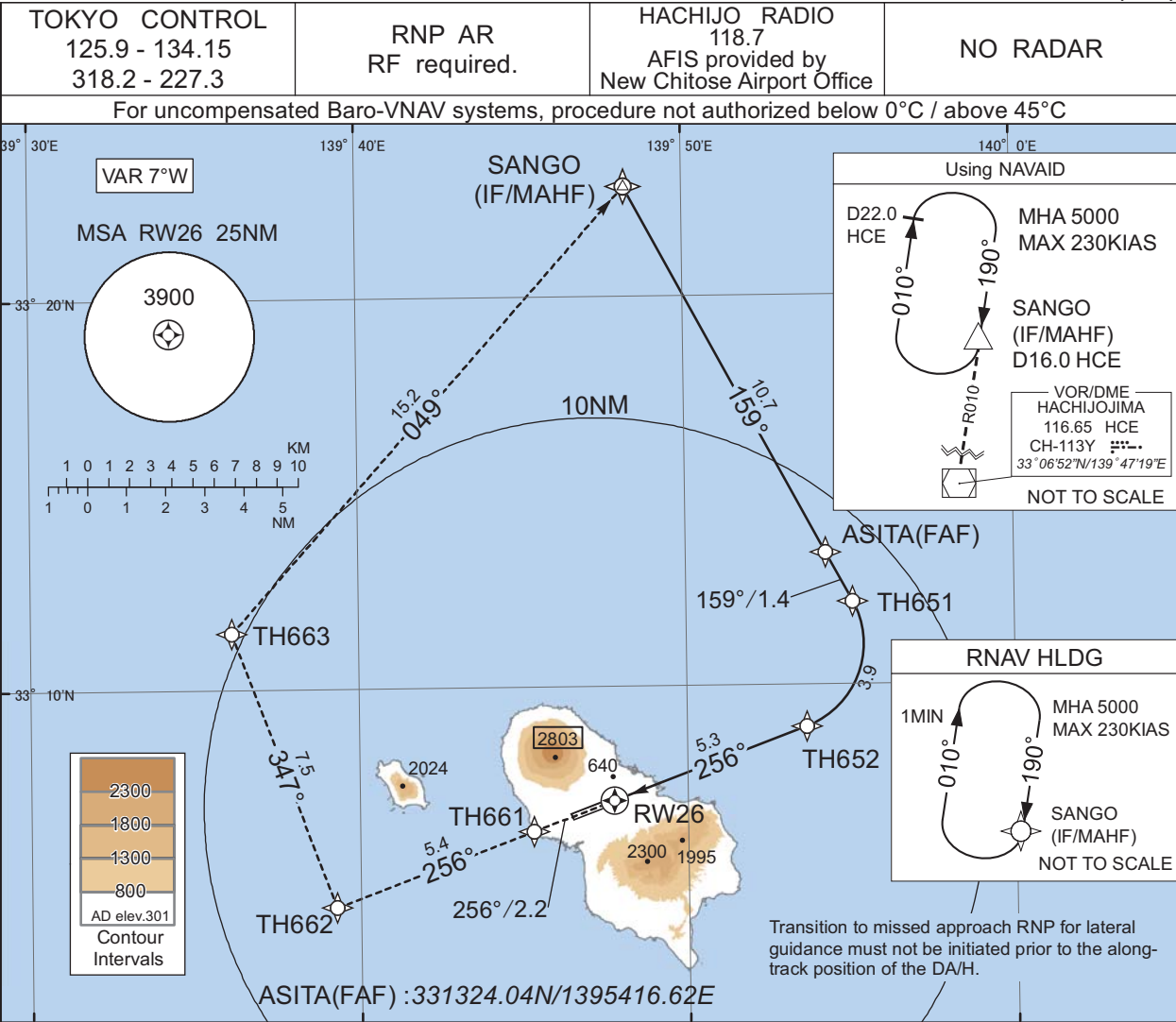
Waypoint Coordinates

| Waypoint Identifier | Coordinates              | RF Arc Center Identifier | Coordinates              |
|---------------------|--------------------------|--------------------------|--------------------------|
| SANGO               | 332250.44N / 1394814.02E | THRF5                    | 330919.08N / 1394926.90E |
| TONOB               | 331203.25N / 1395044.14E | THRF6                    | 330944.94N / 1394235.78E |
| TH653               | 330937.26N / 1395117.91E |                          |                          |
| TH654               | 330749.94N / 1395006.37E |                          |                          |
| RW26                | 330705.72N / 1394745.36E |                          |                          |
| TH655               | 330559.88N / 1394415.73E |                          |                          |
| TH656               | 331208.05N / 1393846.29E |                          |                          |

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA RNP Y RWY26(AR)



CHANGE : PROC renamed.

Missed APCH climb gradient MNM 5.9% for RNP 0.21  
Missed APCH climb gradient MNM 5.0% for RNP 0.30

| CAT | RNP 0.21 |      | RNP 0.30 |      |
|-----|----------|------|----------|------|
|     | DA(H)    | CMV  | DA(H)    | CMV  |
| A   | -        | -    | -        | -    |
| B   | -        | -    | -        | -    |
| C   | 617(333) | 1400 | 844(560) | 1600 |
| D   | -        | -    | -        | -    |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNP Y RWY26(AR)

Coding Table

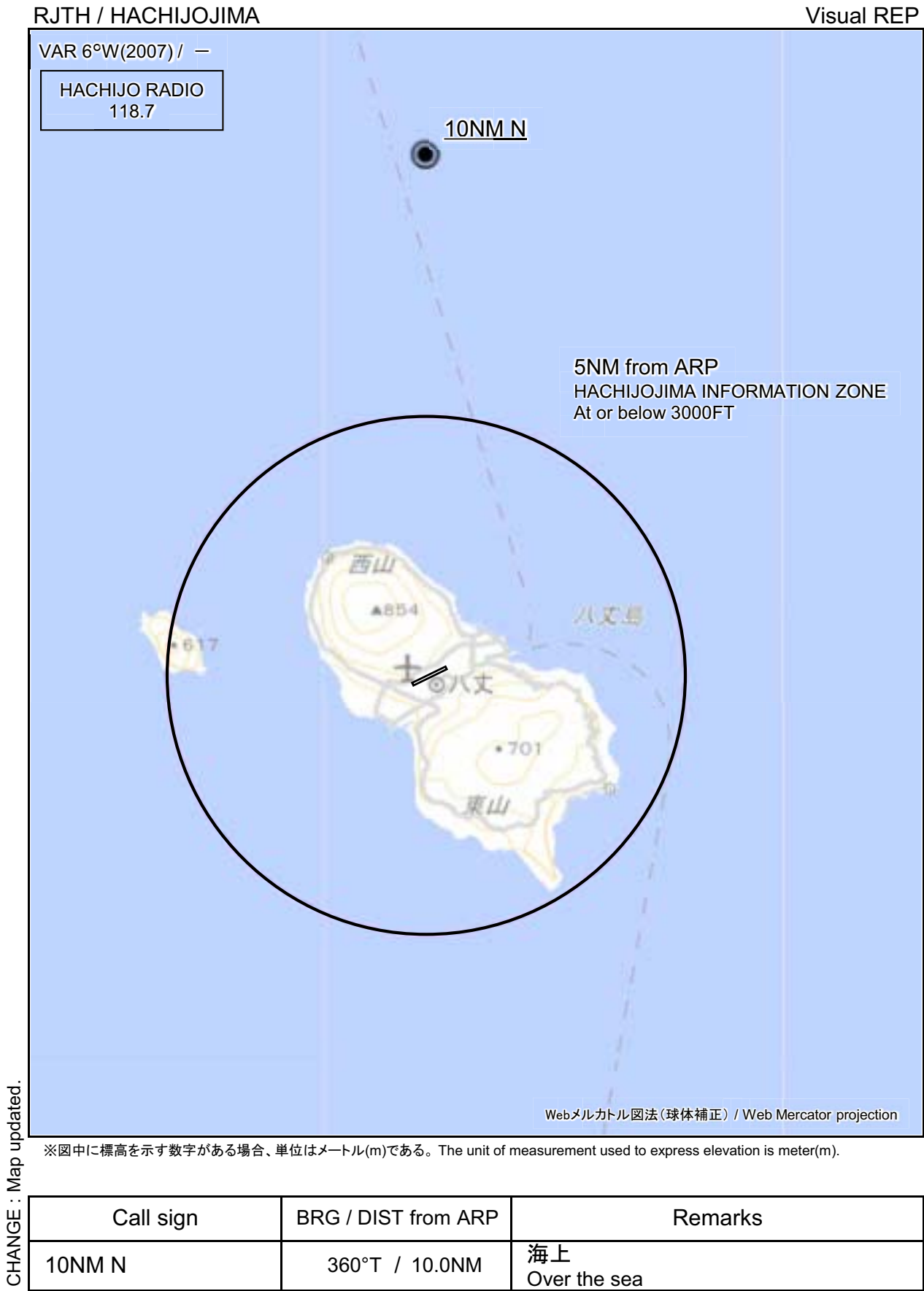
| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | SANGO               | -        | -             | -6.9               | -             | -              | +5000         | -            | -               | -            |
| 002           | TF                                 | ASITA               | -        | 159 (151.8)   | -6.9               | 10.7          | -              | 3700          | -            | -               | 1.0          |
| 003           | TF                                 | TH651               | -        | 159 (151.9)   | -6.9               | 1.4           | -              | 3243          | -            | -3.00           | 0.21<br>0.30 |
| 004           | RF<br>Center:<br>THRF2<br>r=2.26NM | TH652               | -        | -             | -6.9               | 3.9           | R              | 2014          | -            | -3.00           | 0.21<br>0.30 |
| 005           | TF                                 | RW26                | Y        | 256 (249.5)   | -6.9               | 5.3           | -              | 334           | -            | -3.00/50        | 0.21<br>0.30 |
| 006           | TF                                 | TH661               | -        | 256 (249.5)   | -6.9               | 2.2           | -              | -             | -            | -               | 0.21<br>0.30 |
| 007           | TF                                 | TH662               | -        | 256 (249.4)   | -6.9               | 5.4           | -              | -             | -            | -               | 1.0          |
| 008           | TF                                 | TH663               | -        | 347 (339.6)   | -6.9               | 7.5           | -              | -             | -            | -               | 1.0          |
| 009           | TF                                 | SANGO               | -        | 049 (041.6)   | -6.9               | 15.2          | -              | 5000          | -            | -               | 1.0          |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)  | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | SANGO               | 190 (182.8)           | -6.9               | 1.0 (-14000)        | R              | 5000                  | FL140                 | -230 (-14000) | 1.0       |

Waypoint Coordinates

| Waypoint Identifier | Coordinates              | RF Arc Center Identifier | Coordinates              |
|---------------------|--------------------------|--------------------------|--------------------------|
| SANGO               | 332250.44N / 1394814.02E | THRF2                    | 331103.88N / 1395242.68E |
| ASITA               | 331324.04N / 1395416.62E |                          |                          |
| TH651               | 331208.17N / 1395505.07E |                          |                          |
| TH652               | 330856.50N / 1395339.00E |                          |                          |
| RW26                | 330705.72N / 1394745.36E |                          |                          |
| TH661               | 330619.39N / 1394517.79E |                          |                          |
| TH662               | 330425.68N / 1393916.49E |                          |                          |
| TH663               | 331127.97N / 1393608.44E |                          |                          |

CHANGE : PROC renamed.



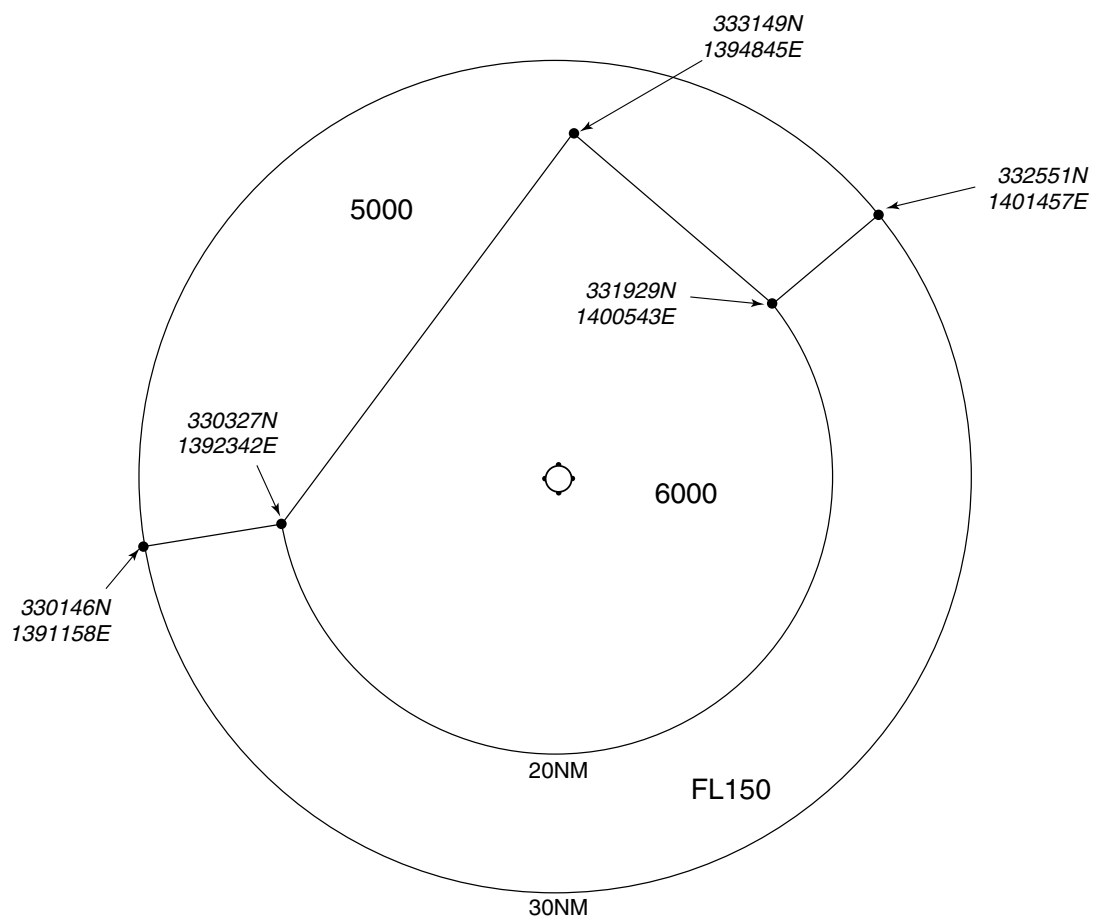
RJTH / HACHIOJIMA

LDG CHART



RJTH / HACHIOJIMA

Minimum Vectoring Altitude CHART



CENTER : 330654N/1394709E (ARP)

**INTENTIONALLY LEFT BLANK**