

## RJTH / HACHIJOJIMA

## AD CHART



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STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

SID

TEMAR FIVE DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left,....  
RWY 26 : Turn left, climb via HCE R240 to 4000FT or above,  
turn right proceed to HCE VOR/DME, ....  
....climb via HCE R056 to TEMAR.

HACHIO REVERSAL FOUR DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left, climb via HCE R056  
to 4000FT or above, turn left,....  
RWY 26 : Turn left, climb via HCE R240 to 4000FT or above,  
turn right,....  
....proceed to HCE VOR/DME.  
Cross HCE VOR/DME at or above 5000FT.

CHANGE : Correction of misdescription (TEMAR)



## STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA

SID

MIYAKE THREE DEPARTURE

RWY 08 : Climb RWY HDG to 1000FT or above, turn left, climb via HCE R055 to 15.0DME, turn left to intercept and proceed via MOE R158 to MOE VOR/DME.

Cross HCE R055/15.0DME at or above 4000FT.

RWY 26 : Turn left, climb via HCE R240 to 18.0DME, turn right to intercept and proceed via MOE R194 to MOE VOR/DME.

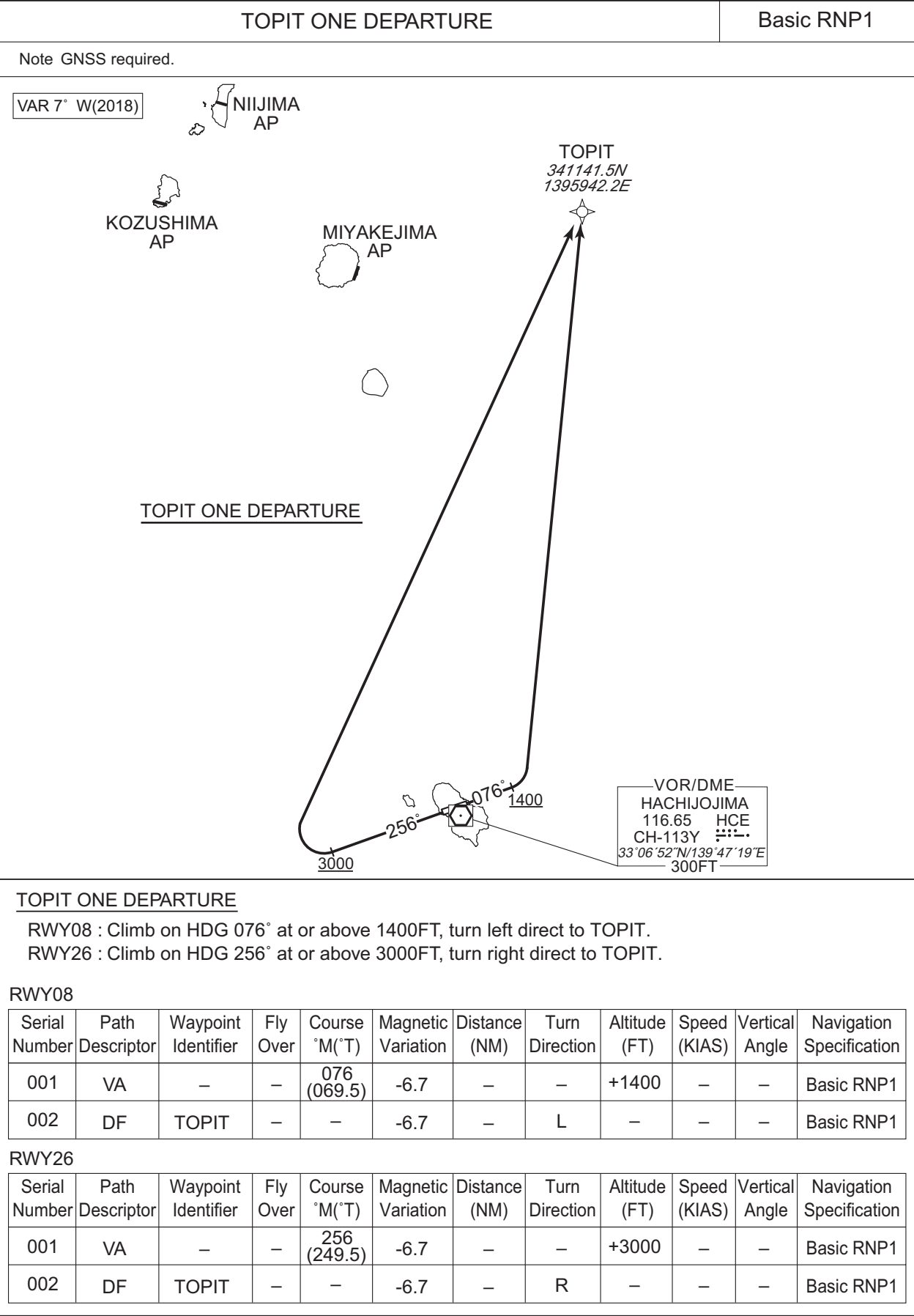
Cross HCE R240/18.0DME at or above 6000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

RNAV SID



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STANDARD ARRIVAL CHART-INSTRUMENT

RJTH / HACHIOJIMA

STAR

HACHIOJO ARRIVAL

From over SANGO, proceed via HCE R009 to intercept and proceed via HCE 14.0DME clockwise ARC, via IHC-LOC to SHELL or HCE R075 to RURII.

Cross SANGO at or above 5000FT, cross SHELL or RURII at or above 2000FT.

HACHIOJO ARRIVAL

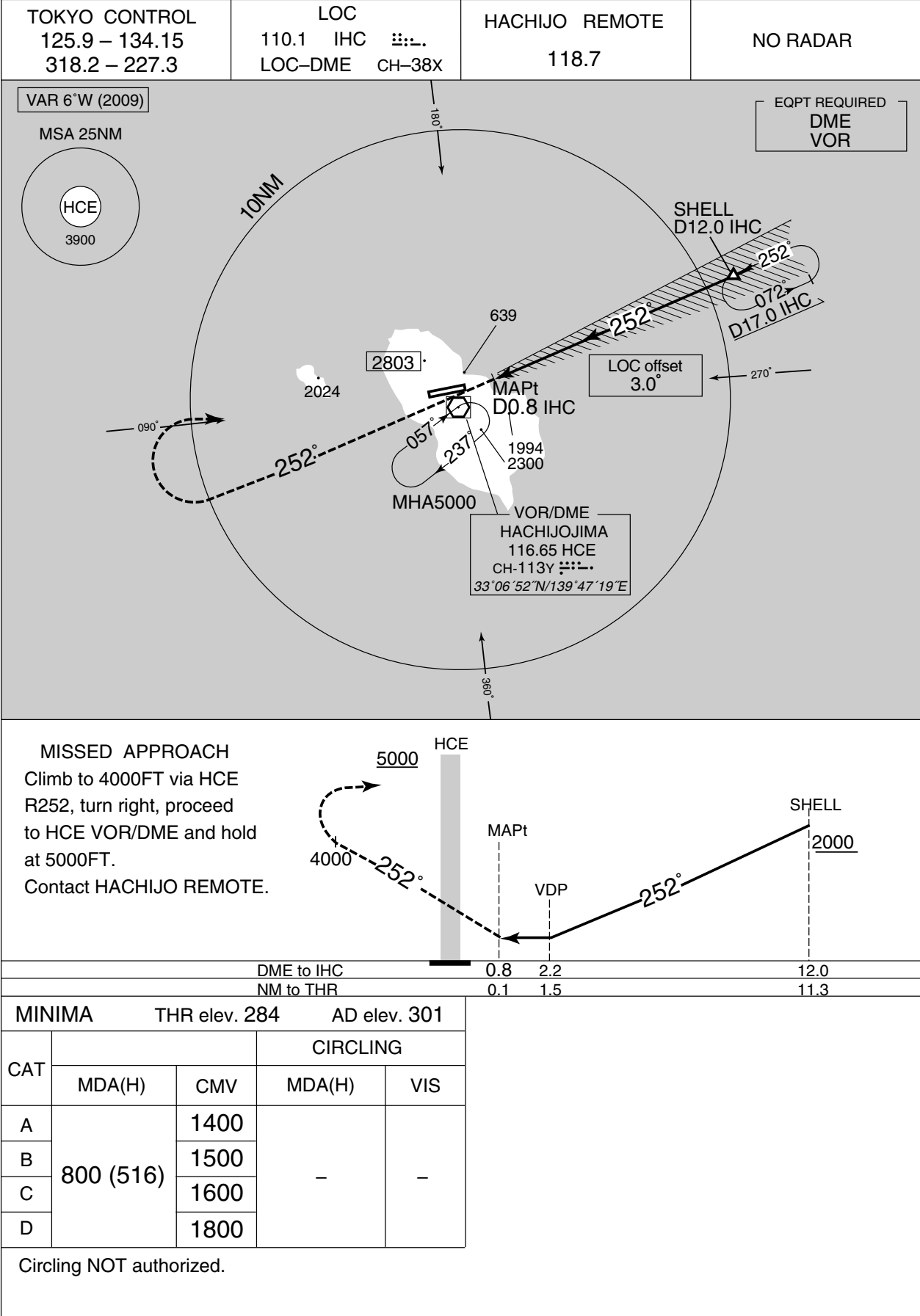


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INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMALOC Z RWY26



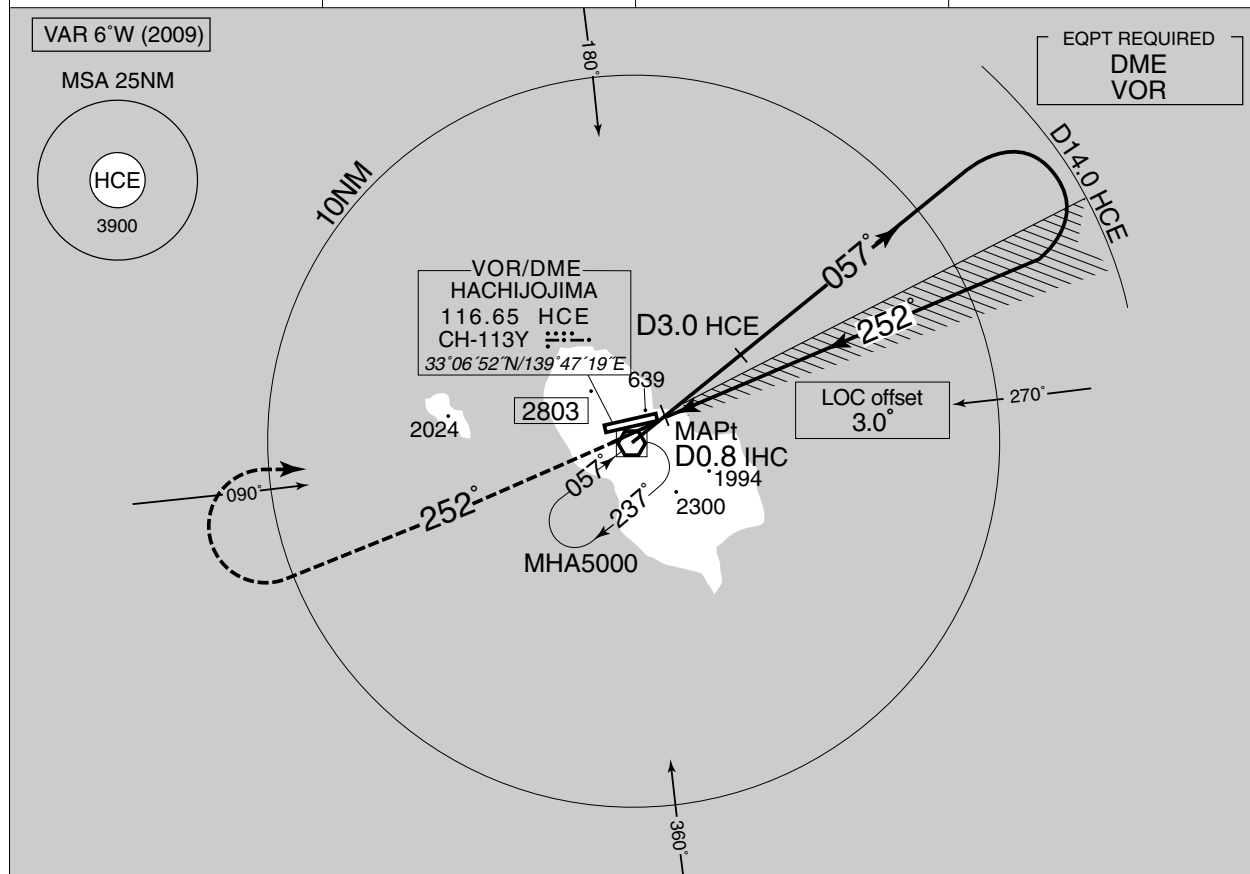
## RJTH / HACHIJOJIMA

TOKYO CONTROL  
125.9 – 134.15  
318.2 – 227.3

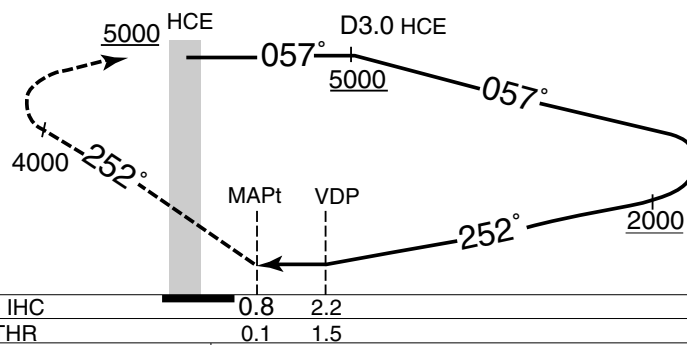
LOC  
110.1 IHC 33.1.  
LOC-DME CH-38X

HACHIJO REMOTE  
118.7

NO RADAR



Climb to 4000FT via HCE  
R252, turn right, proceed  
to HCE VOR/DME and hold  
at 5000FT.  
Contact HACHIJO REMOTE.



| MINIMA |           | THR elev. 284 | AD elev. 301 |     |
|--------|-----------|---------------|--------------|-----|
| CAT    |           |               | CIRCLING     |     |
|        | MDA(H)    | CMV           | MDA(H)       | VIS |
| A      | 800 (516) | 1400          | -            | -   |
| B      |           | 1500          |              |     |
| C      |           | 1600          |              |     |
| D      |           | 1800          |              |     |

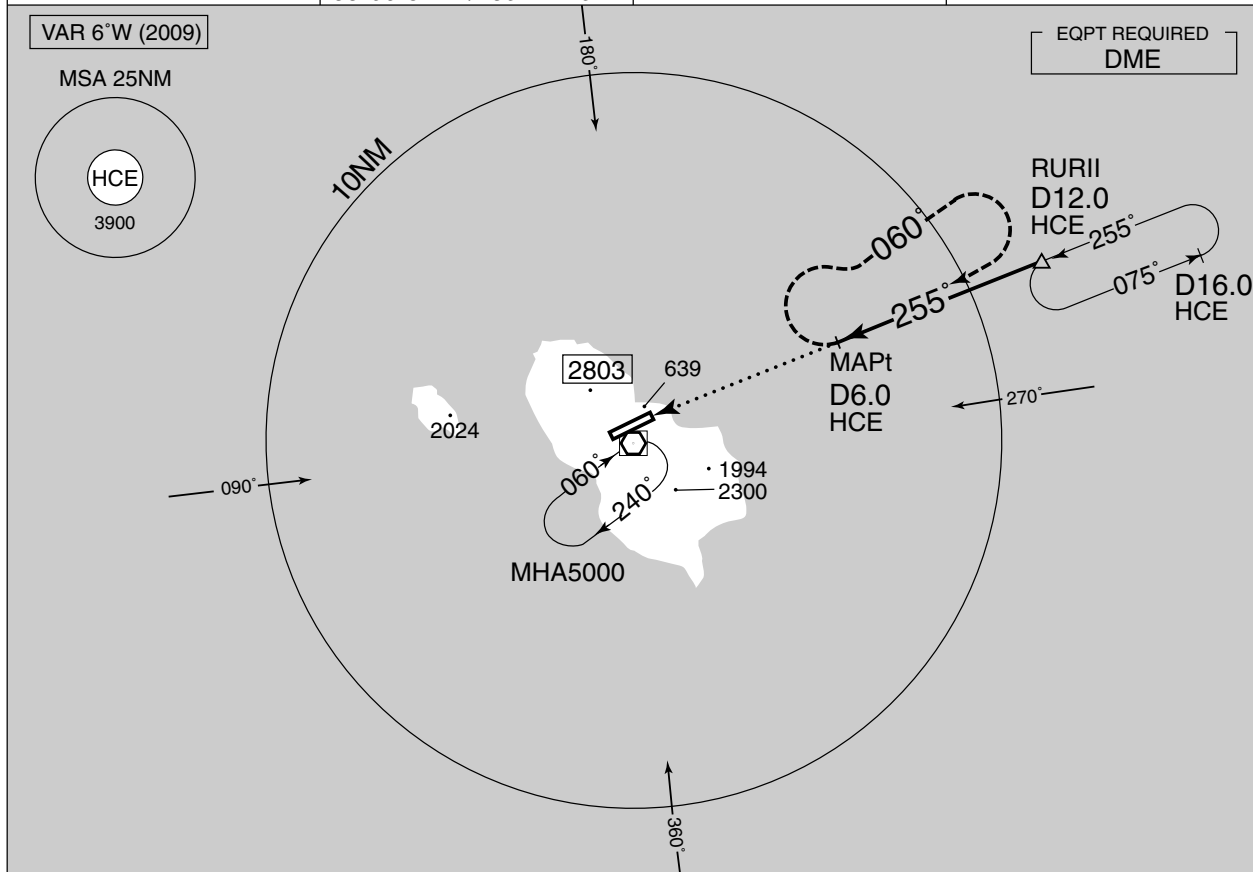
Circling NOT authorized.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

VOR A (For RWY 26)

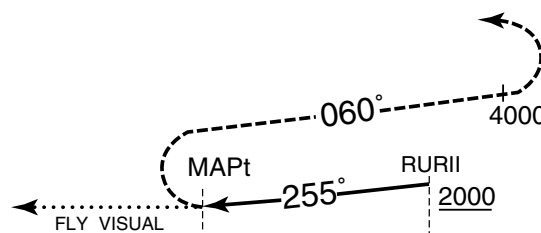
|  |   |                        |          |
|--|---|------------------------|----------|
| TOKYO CONTROL<br>125.9 – 134.15<br>318.2 – 227.3 | HACHIOJIMA VOR/DME<br>116.65 HCE<br>CH-113Y<br>33°06'52"N / 139°47'19"E | HACHIO REMOTE<br>118.7 | NO RADAR |
|--|---|------------------------|----------|



MISSED APPROACH

Turn right climb to 4000FT via  
HCE R060, turn right,  
proceed to HCE VOR/DME  
and hold at 5000FT.  
Contact HACHIO REMOTE.

HCE 5000



DME to HCE  
NM to THR

6.0  
5.6

12.0  
11.6

MINIMA

THR elev. 284

AD elev. 301

| CAT | MDA(H)    | Facilities |              |       |     |
|-----|-----------|------------|--------------|-------|-----|
|     |           | Full       | Intermediate | Basic | Nil |
|     |           | VIS        | VIS          |       |     |
| A   | 800 (516) | -          | 4800         |       |     |
| B   |           |            |              |       |     |
| C   |           |            |              |       |     |
| D   |           |            |              |       |     |

MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.

## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

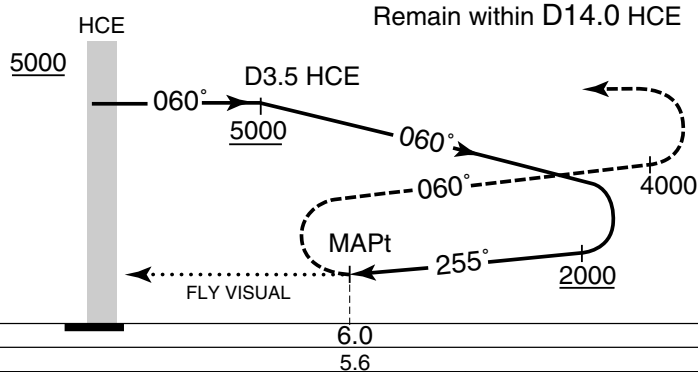
VOR B (For RWY 26)

|  |  |                         |          |
|--|--|-------------------------|----------|
| TOKYO CONTROL<br>125.9 – 134.15<br>318.2 – 227.3 | HACHIJOJIMA VOR/DME<br>116.65 HCE<br>CH-113Y<br>33°06'52"N / 139°47'19"E | HACHIJO REMOTE<br>118.7 | NO RADAR |
|--|--|-------------------------|----------|



## MISSED APPROACH

Turn right, climb to 4000FT  
via HCE R060, turn right,  
proceed to HCE VOR/DME  
and hold at 5000FT.  
Contact HACHIJO REMOTE.



|            |     |
|------------|-----|
| DME to HCE | 6.0 |
| NM to THR  | 5.6 |

| MINIMA |           | THR elev. 284 |              | AD elev. 301 |     |
|--------|-----------|---------------|--------------|--------------|-----|
| CAT    | MDA(H)    | Facilities    |              |              |     |
|        |           | Full          | Intermediate | Basic        | Nil |
|        |           | VIS           | VIS          |              |     |
| A      | 800 (516) | –             | 4800         |              |     |
| B      |           |               |              |              |     |
| C      |           |               |              |              |     |
| D      |           |               |              |              |     |

MINIMA APPLICATION CRITERIA in AD1.1.6.10.1.4 are not applicable.

INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

VOR C (For RWY 26)



## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

VOR D (For RWY 08)



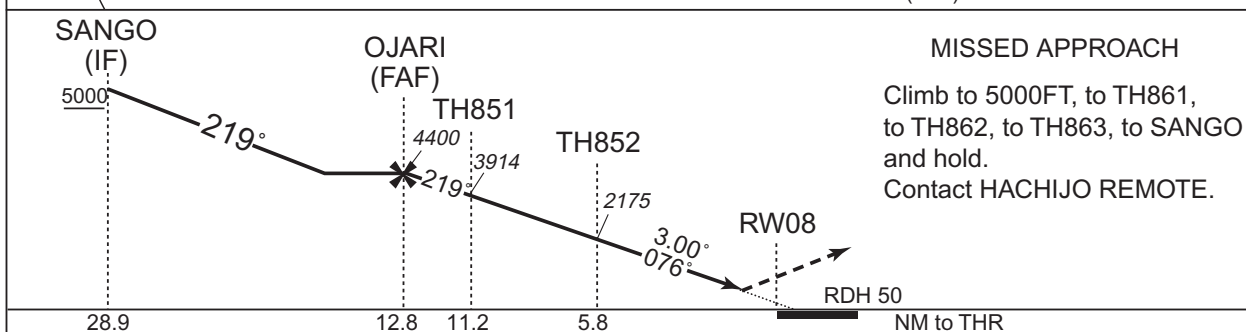
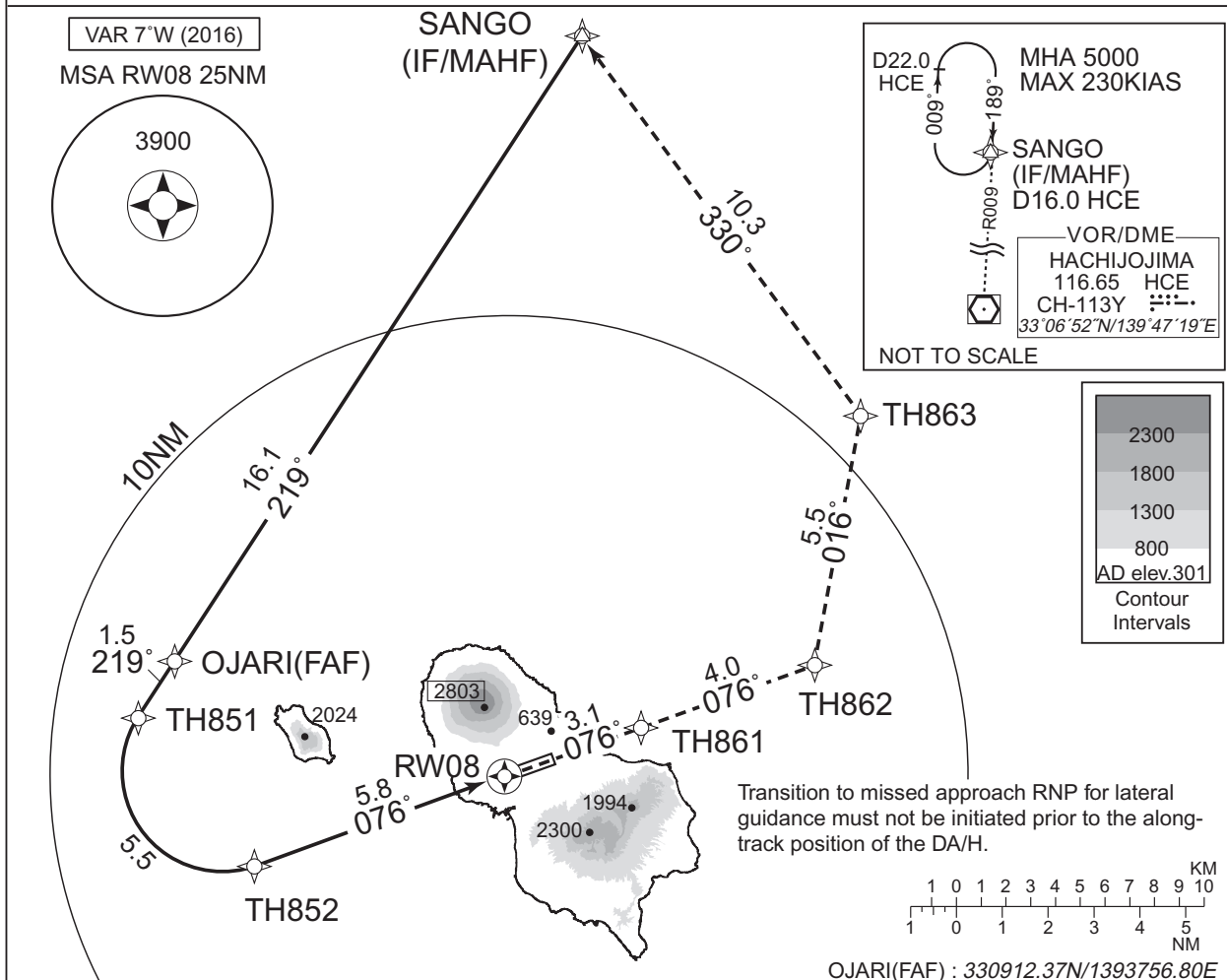
INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNAV(RNP) RWY08

|  |                      |                          |          |
|--|----------------------|--------------------------|----------|
| TOKYO CONTROL<br>125.9 – 134.15<br>318.2 – 227.3 | GNSS and RF required | HACHIOJO REMOTE<br>118.7 | NO RADAR |
|--|----------------------|--------------------------|----------|

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



| Missed APCH climb gradient MNM 5.0% |          |               |          |              |
|-------------------------------------|----------|---------------|----------|--------------|
| MINIMA                              |          | THR elev. 282 |          | AD elev. 301 |
| CAT                                 | RNP 0.29 |               | RNP 0.30 |              |
|                                     | DA(H)    | CMV           | DA(H)    | CMV          |
| A                                   | —        | —             | —        | —            |
| B                                   | —        | —             | —        | —            |
| C                                   | 806(524) | 2000          | 824(542) | 2000         |
| D                                   | —        | —             | —        | —            |

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

**RNP AR**  
Special Authorization Required

## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNAV(RNP) RWY08

RNAV(RNP) RWY08Coding 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               | —        | —              | -6.5               | —             | —              | +5000         | —            | —              | —            |
| 002           | TF                                 | OJARI               | —        | 219<br>(212.3) | -6.5               | 16.1          | —              | 4400          | —            | —              | 1.0          |
| 003           | TF                                 | TH851               | —        | 219<br>(212.2) | -6.5               | 1.5           | —              | 3914          | —            | -3.00          | 0.29<br>0.30 |
| 004           | RF<br>Center:<br>THRF1<br>r=2.19NM | TH852               | —        | —              | -6.5               | 5.5           | L              | 2175          | —            | -3.00          | 0.29<br>0.30 |
| 005           | TF                                 | RW08                | Y        | 076<br>(069.4) | -6.5               | 5.8           | —              | 332           | —            | -3.00/50       | 0.29<br>0.30 |
| 006           | TF                                 | TH861               | —        | 076<br>(069.5) | -6.5               | 3.1           | —              | —             | —            | —              | 0.29<br>0.30 |
| 007           | TF                                 | TH862               | —        | 076<br>(069.5) | -6.5               | 4.0           | —              | —             | —            | —              | 1.0          |
| 008           | TF                                 | TH863               | —        | 016<br>(009.6) | -6.5               | 5.5           | —              | —             | —            | —              | 1.0          |
| 009           | TF                                 | SANGO               | —        | 330<br>(323.0) | -6.5               | 10.3          | —              | 5000          | —            | —              | 1.0          |

Waypoint Coordinates

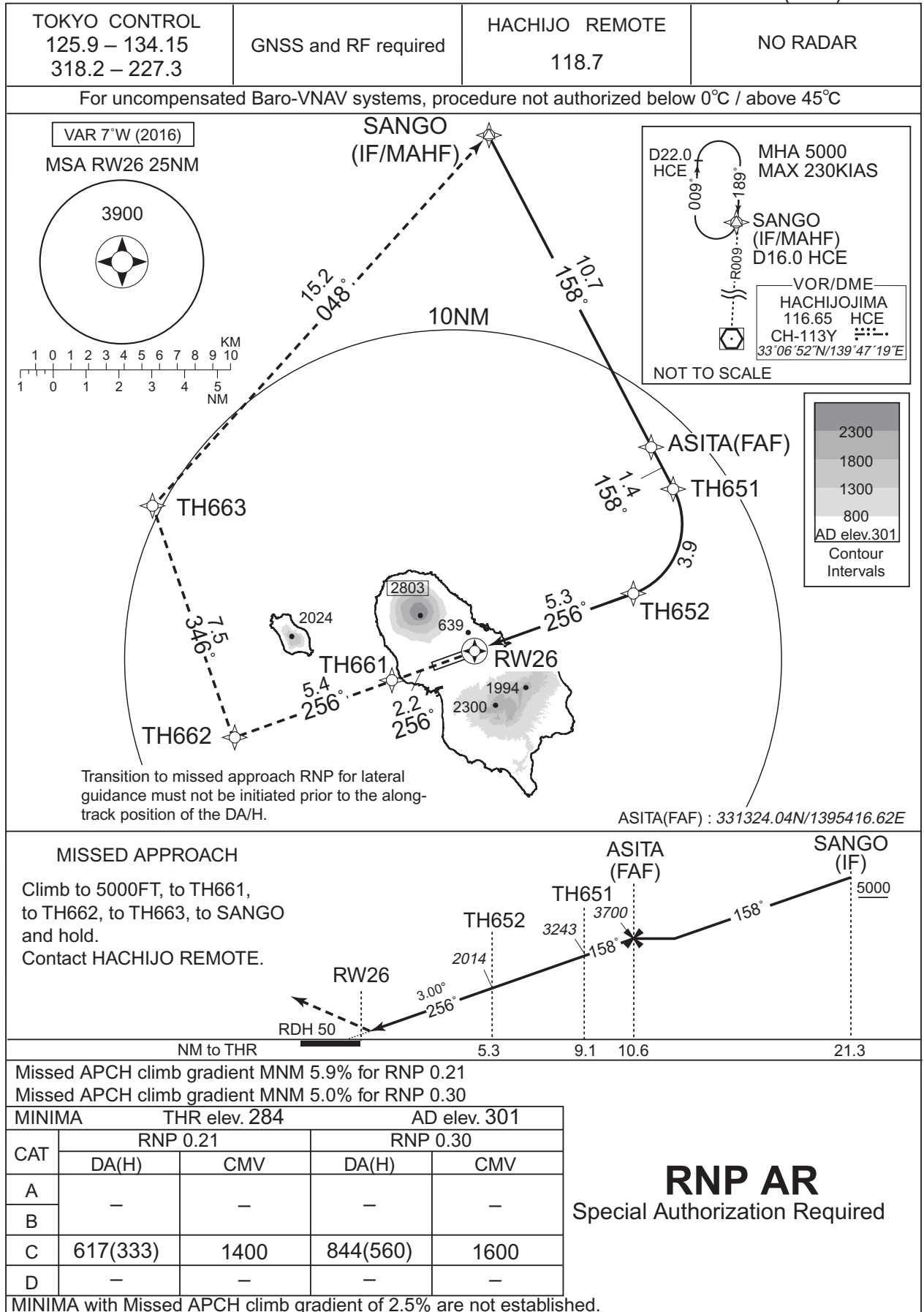
| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| SANGO               | 332250.44N/1394814.02E | THRF1                    | 330644.49N/1393910.78E |
| 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 |                          |                        |



INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNAV(RNP) RWY26



## INSTRUMENT APPROACH CHART

RJTH / HACHIJOJIMA

RNAV(RNP) RWY26

RNAV(RNP) RWY26Coding Table

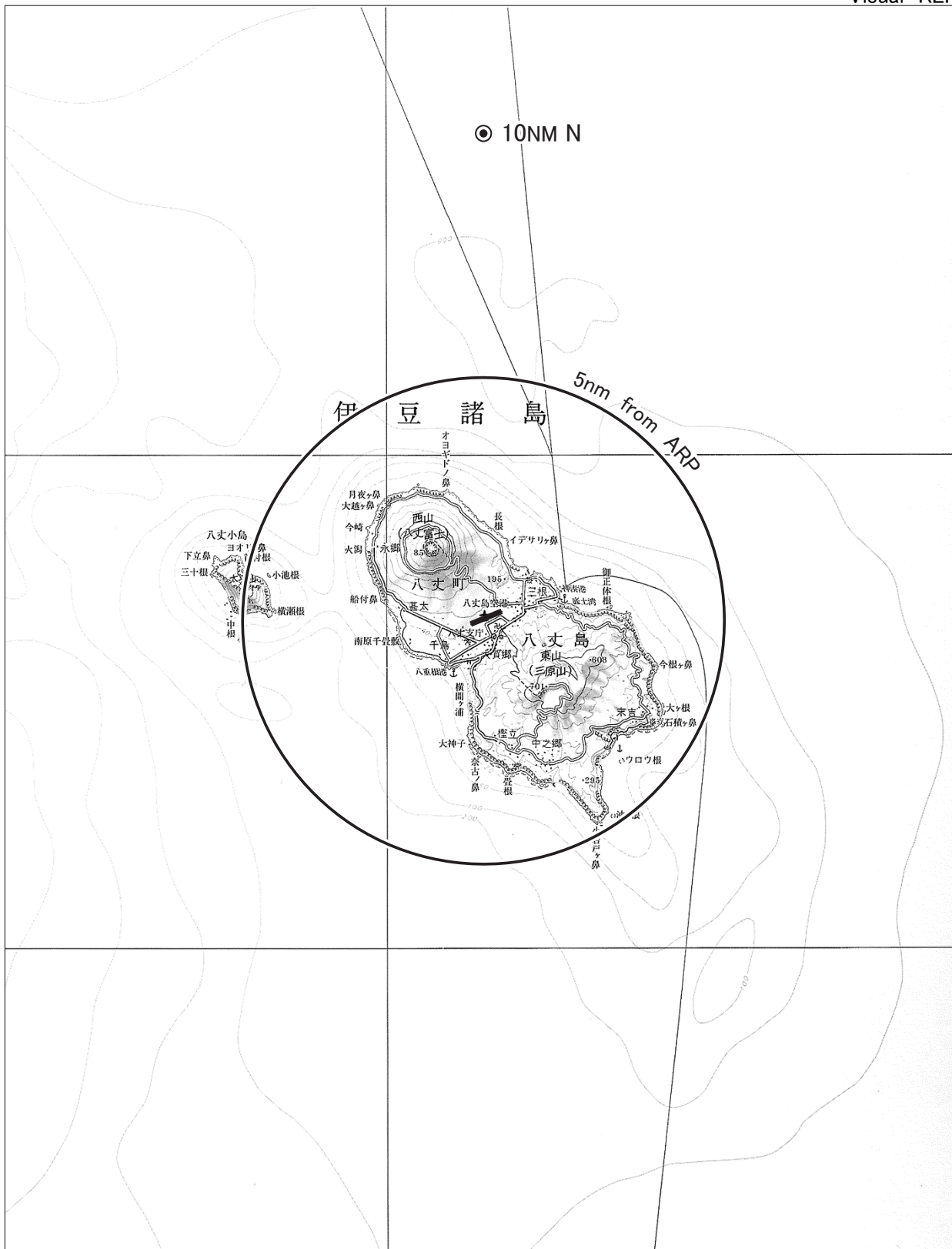
| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course 'M('T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH ('/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | SANGO               | —        | —              | -6.5               | —             | —              | +5000         | —            | —               | —            |
| 002           | TF                                 | ASITA               | —        | 158<br>(151.8) | -6.5               | 10.7          | —              | 3700          | —            | —               | 1.0          |
| 003           | TF                                 | TH651               | —        | 158<br>(151.9) | -6.5               | 1.4           | —              | 3243          | —            | -3.00           | 0.21<br>0.30 |
| 004           | RF<br>Center:<br>THRF2<br>r=2.26NM | TH652               | —        | —              | -6.5               | 3.9           | R              | 2014          | —            | -3.00           | 0.21<br>0.30 |
| 005           | TF                                 | RW26                | Y        | 256<br>(249.5) | -6.5               | 5.3           | —              | 334           | —            | -3.00/50        | 0.21<br>0.30 |
| 006           | TF                                 | TH661               | —        | 256<br>(249.5) | -6.5               | 2.2           | —              | —             | —            | —               | 0.21<br>0.30 |
| 007           | TF                                 | TH662               | —        | 256<br>(249.4) | -6.5               | 5.4           | —              | —             | —            | —               | 1.0          |
| 008           | TF                                 | TH663               | —        | 346<br>(339.6) | -6.5               | 7.5           | —              | —             | —            | —               | 1.0          |
| 009           | TF                                 | SANGO               | —        | 048<br>(041.6) | -6.5               | 15.2          | —              | 5000          | —            | —               | 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 |                          |                        |

RJTH/HACHIJOJIMA

Visual REP



| Call sign | BRG / DIST from ARP | Remarks            |
|-----------|---------------------|--------------------|
| 10NM N    | 360° /10.0NM        | 海上<br>Over the sea |

RJTH / HACHIOJIMA

LDG CHART



RJTH / HACHIOJIMA

Minimum Vectoring Altitude CHART



CENTER : 330654N/1394709E (ARP)

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