

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 / HACHIOJIMA

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.

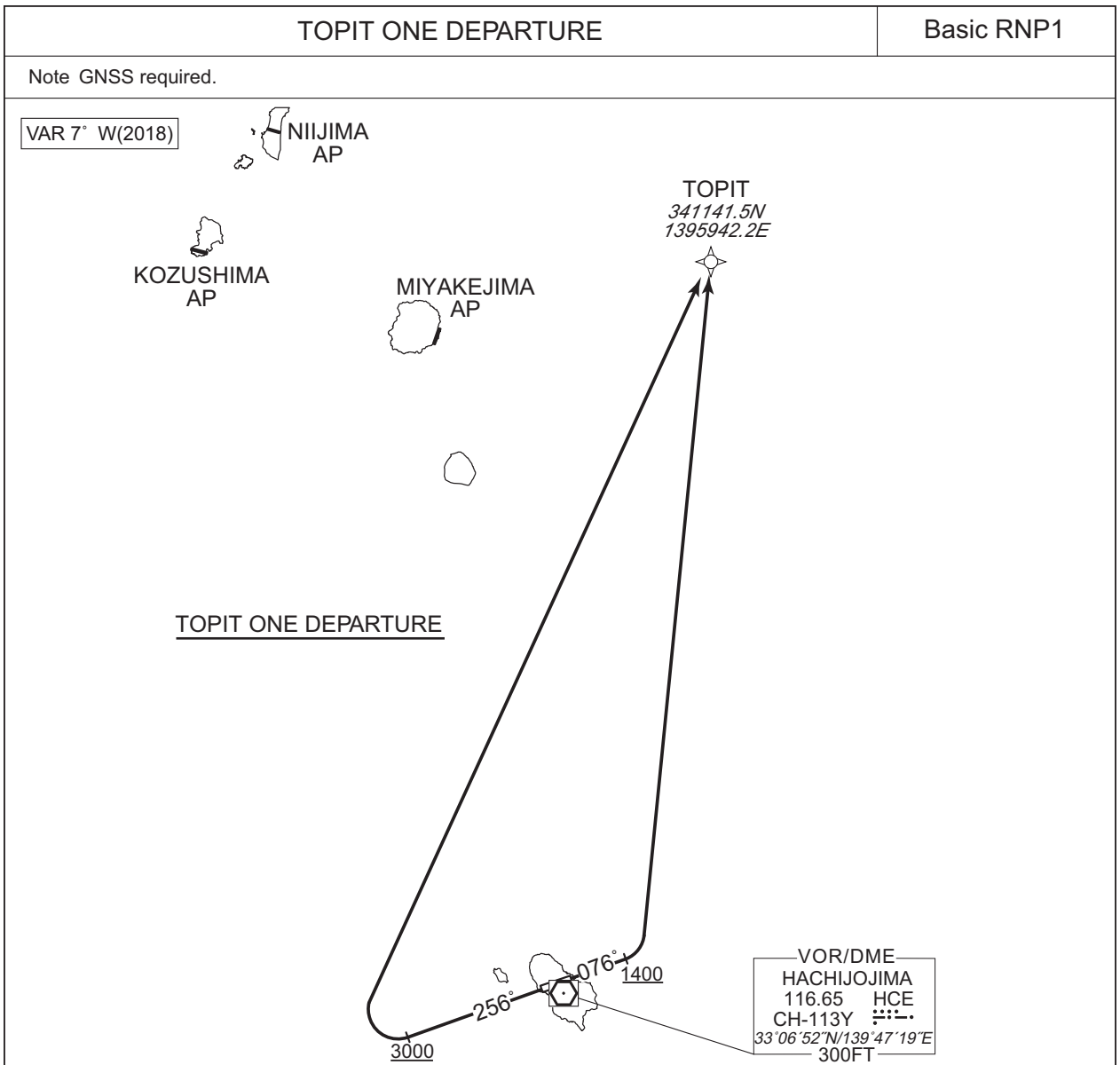
Cross HCE R240/18.0DME at or above 6000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIOJIMA

RNAV SID

TOPIT ONE DEPARTURE

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 | — | — | Basic RNP1 |
| 002 | DF | TOPIT | — | — | -6.7 | — | L | — | — | — | Basic 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 | — | — | Basic RNP1 |
| 002 | DF | TOPIT | — | — | -6.7 | — | R | — | — | — | Basic RNP1 |

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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.

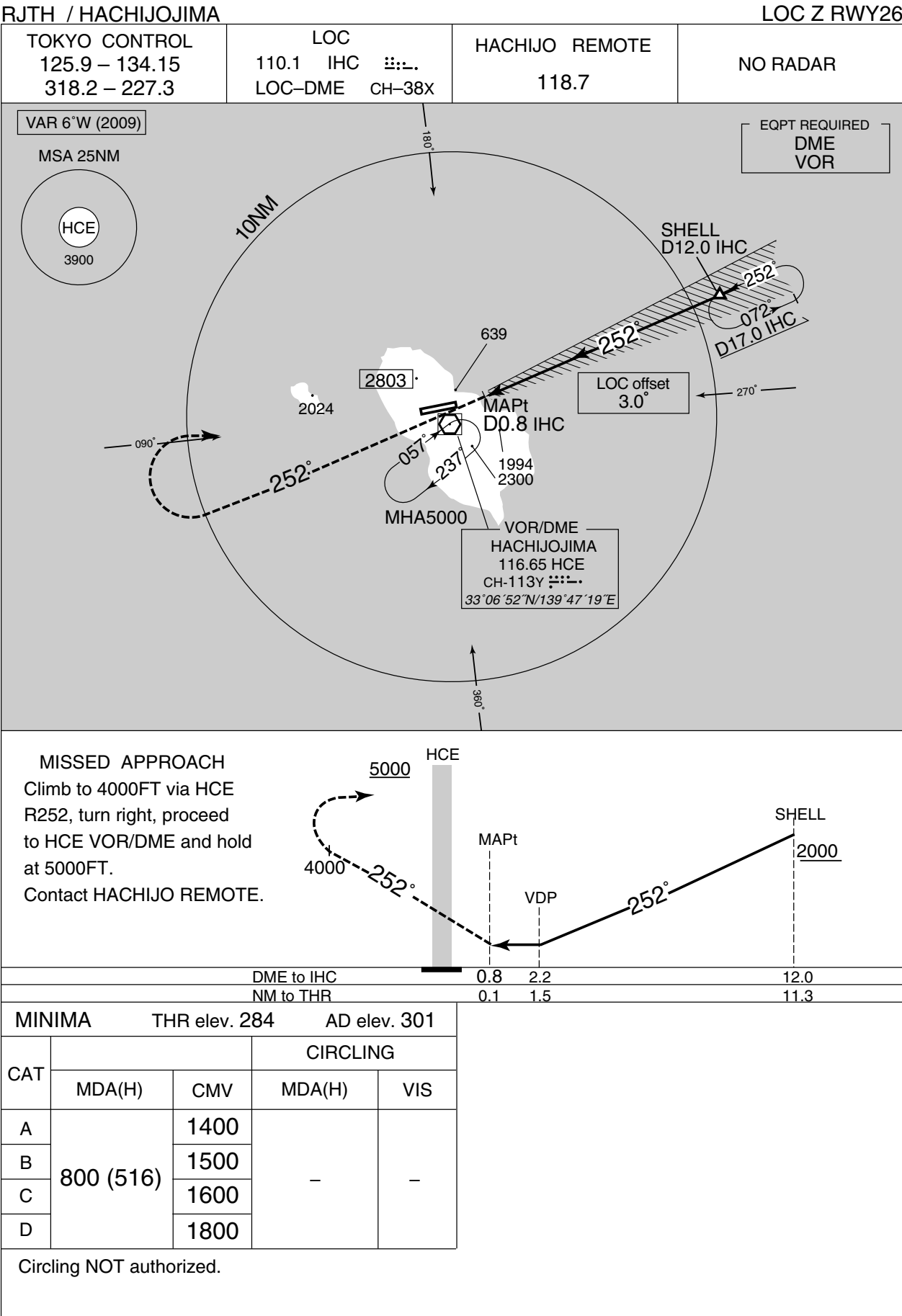
Cross SANGO at or above 5000FT, cross SHELL or RURII at or above 2000FT.

HACHIOJO ARRIVAL



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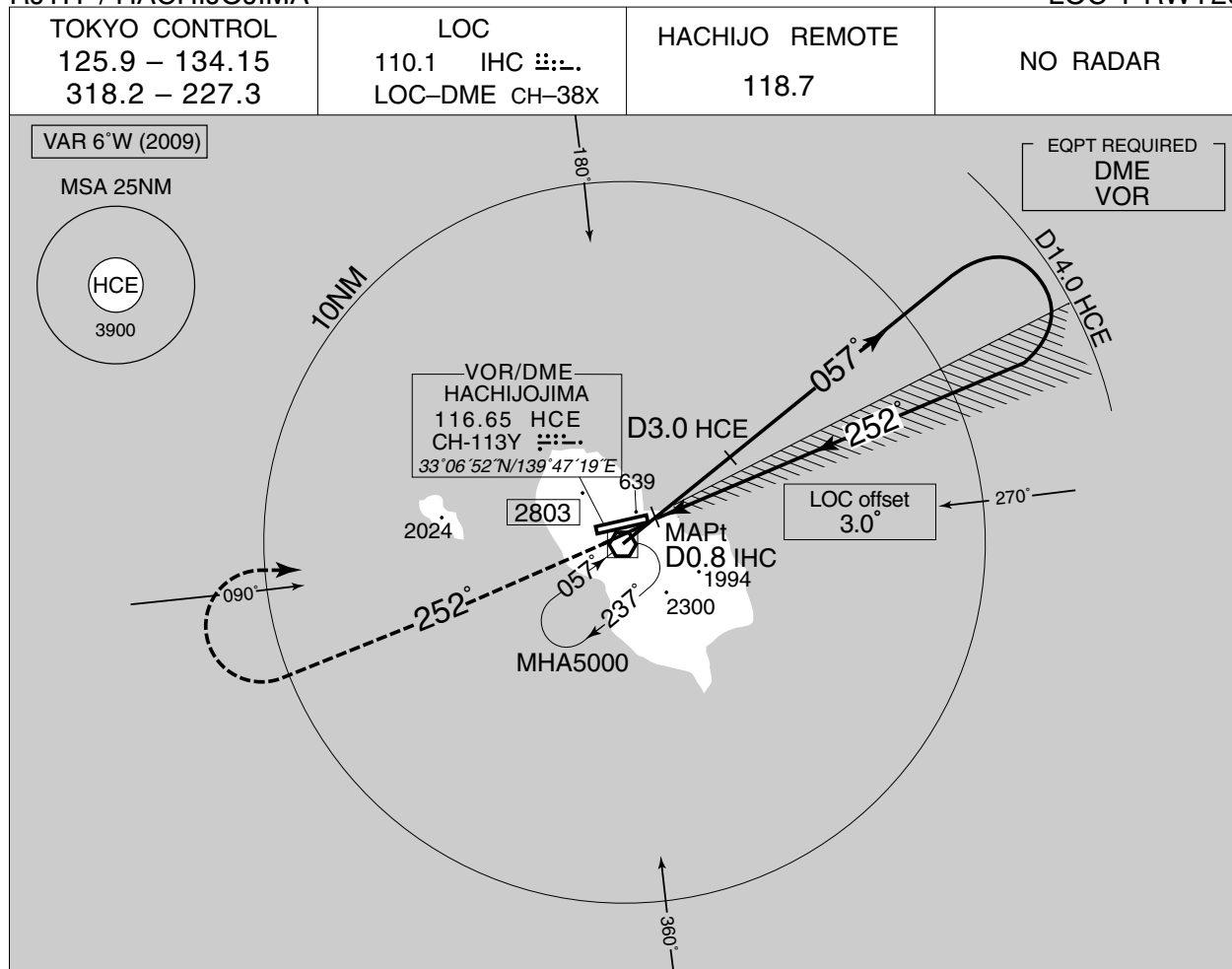
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

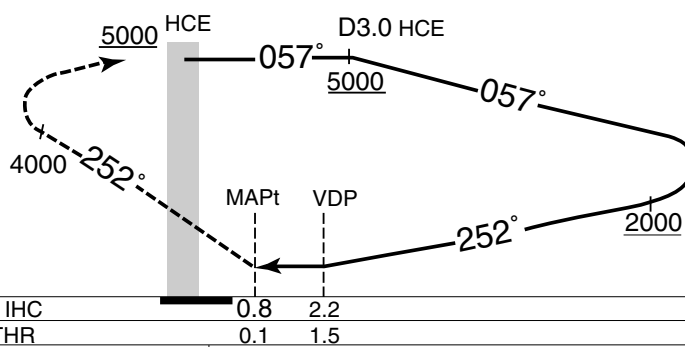
LOC Y RWY26



MISSED APPROACH

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

Remain within D14.0 HCE



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 / HACHIJOJIMA

VOR B (For RWY 26)

| | | | |
|--|--|-------------------------|----------|
| 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 REMOTE 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 / HACHIOJIMA

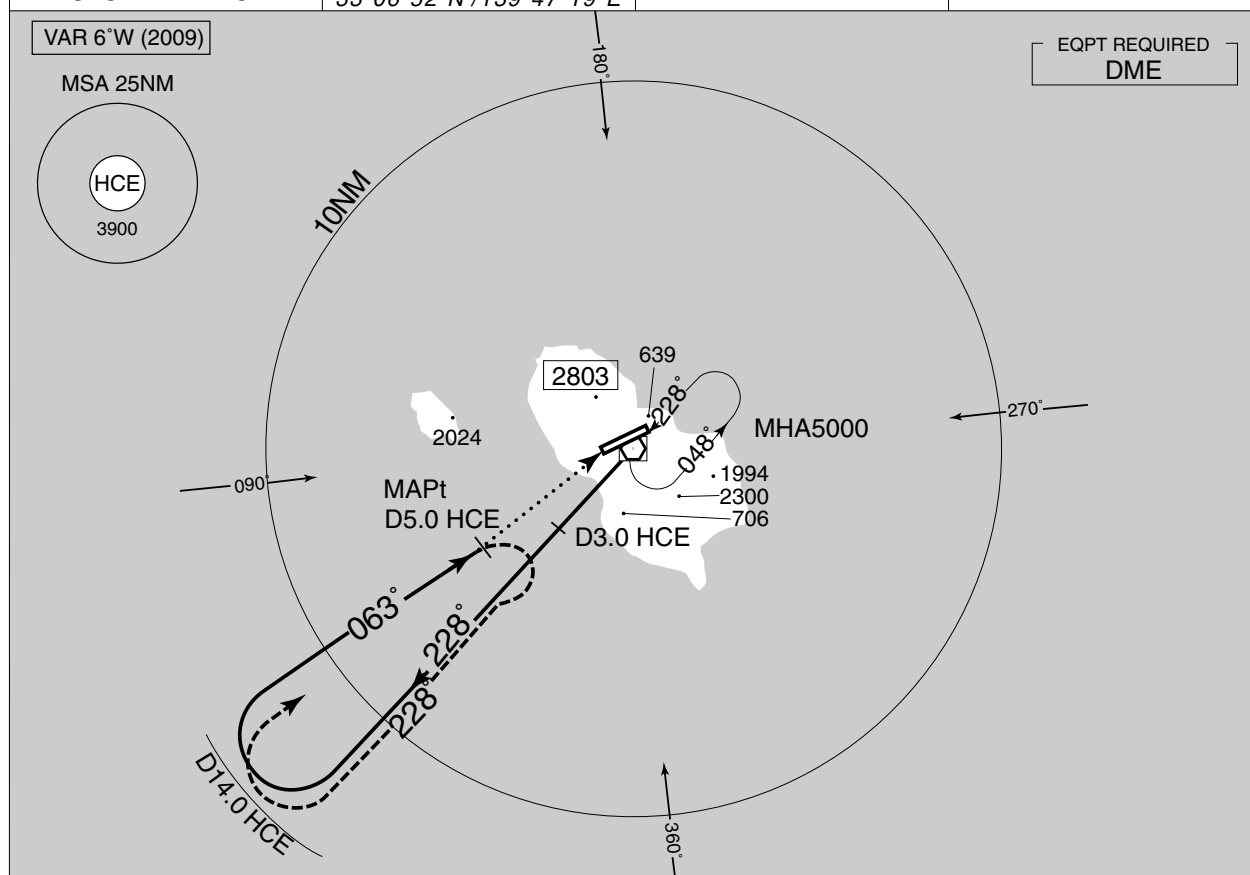
VOR D (For RWY 08)

TOKYO CONTROL
125.9 – 134.15
318.2 – 227.3HACHIOJIMA VOR/DME
116.65 HCE
CH-113Y
33°06'52"N / 139°47'19"EHACHIO REMOTE
118.7

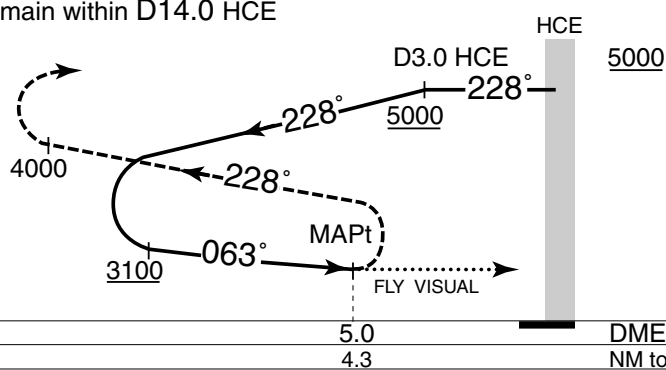
NO RADAR

VAR 6°W (2009)

MSA 25NM

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 HACHIO REMOTE.

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.

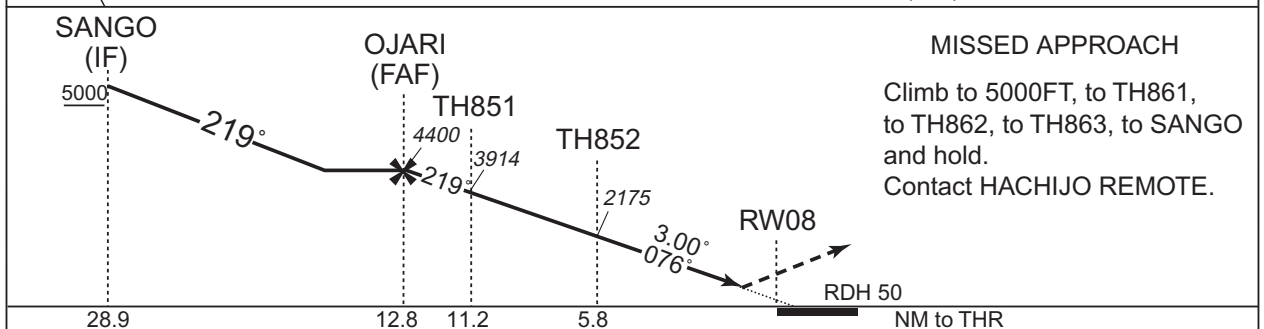
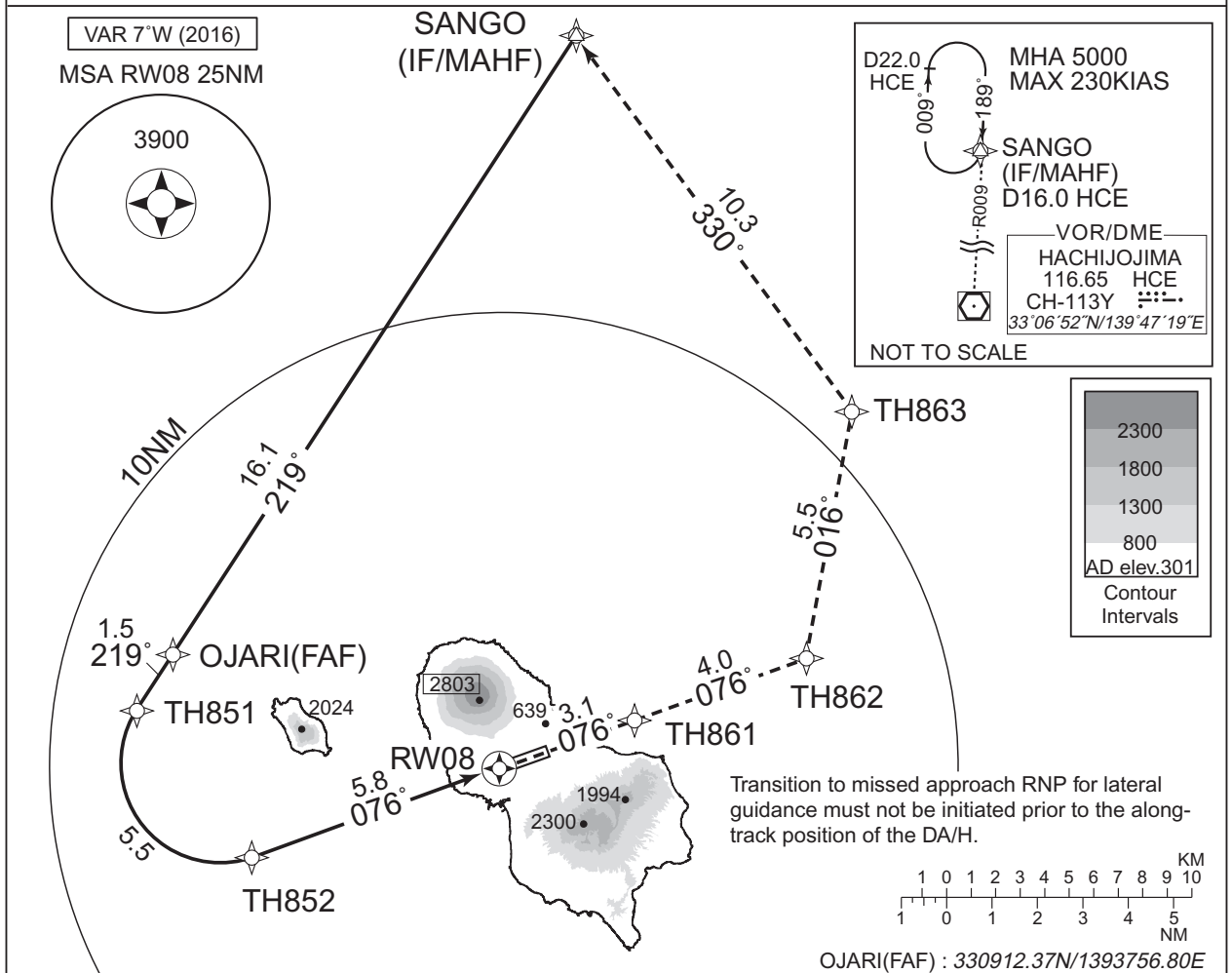
INSTRUMENT APPROACH CHART

RJTH / HACHIOJIMA

RNAV(RNP) RWY08

| | | | |
|--|----------------------|--------------------------|----------|
| TOKYO CONTROL 125.9 – 134.15 318.2 – 227.3 | GNSS and RF required | HACHIOJO REMOTE 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 (212.3) | -6.5 | 16.1 | — | 4400 | — | — | 1.0 |
| 003 | TF | TH851 | — | 219 (212.2) | -6.5 | 1.5 | — | 3914 | — | -3.00 | 0.29 0.30 |
| 004 | RF Center: THRF1 r=2.19NM | TH852 | — | — | -6.5 | 5.5 | L | 2175 | — | -3.00 | 0.29 0.30 |
| 005 | TF | RW08 | Y | 076 (069.4) | -6.5 | 5.8 | — | 332 | — | -3.00/50 | 0.29 0.30 |
| 006 | TF | TH861 | — | 076 (069.5) | -6.5 | 3.1 | — | — | — | — | 0.29 0.30 |
| 007 | TF | TH862 | — | 076 (069.5) | -6.5 | 4.0 | — | — | — | — | 1.0 |
| 008 | TF | TH863 | — | 016 (009.6) | -6.5 | 5.5 | — | — | — | — | 1.0 |
| 009 | TF | SANGO | — | 330 (323.0) | -6.5 | 10.3 | — | 5000 | — | — | 1.0 |

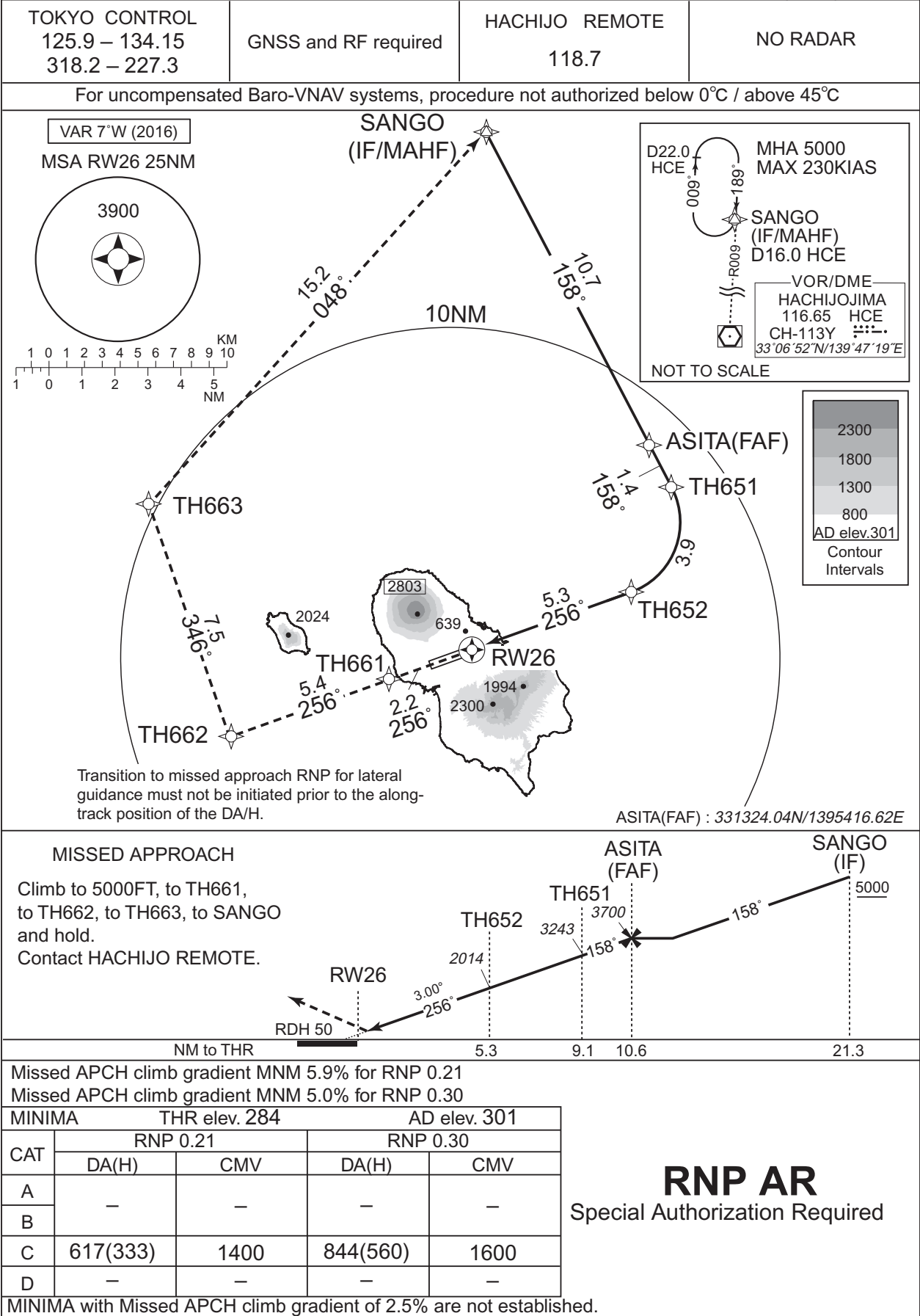
Waypoint Coordinates

| 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

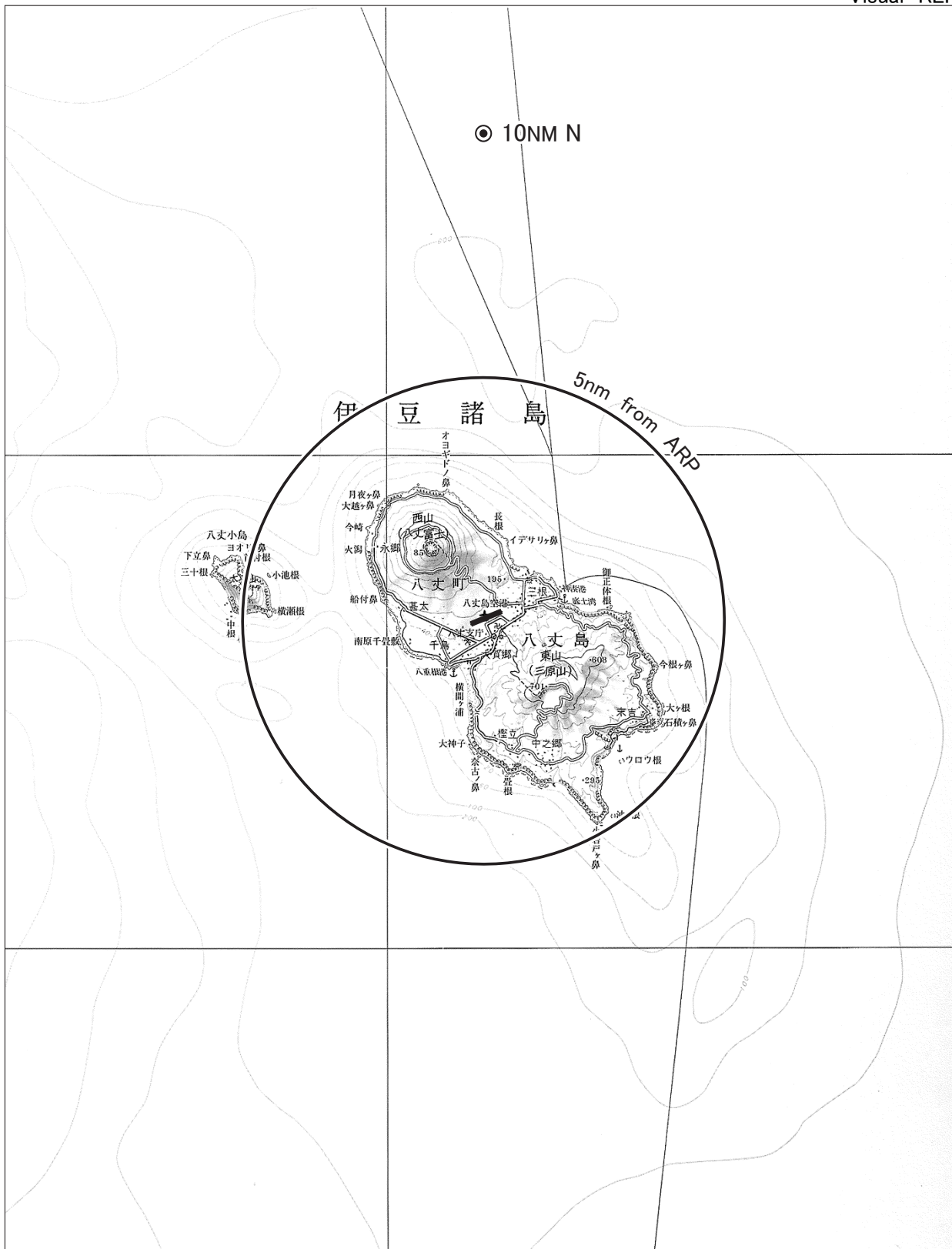
RNAV(RNP) RWY26Coding Table

| 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 (151.8) | -6.5 | 10.7 | — | 3700 | — | — | 1.0 |
| 003 | TF | TH651 | — | 158 (151.9) | -6.5 | 1.4 | — | 3243 | — | -3.00 | 0.21 0.30 |
| 004 | RF Center: THRF2 r=2.26NM | TH652 | — | — | -6.5 | 3.9 | R | 2014 | — | -3.00 | 0.21 0.30 |
| 005 | TF | RW26 | Y | 256 (249.5) | -6.5 | 5.3 | — | 334 | — | -3.00/50 | 0.21 0.30 |
| 006 | TF | TH661 | — | 256 (249.5) | -6.5 | 2.2 | — | — | — | — | 0.21 0.30 |
| 007 | TF | TH662 | — | 256 (249.4) | -6.5 | 5.4 | — | — | — | — | 1.0 |
| 008 | TF | TH663 | — | 346 (339.6) | -6.5 | 7.5 | — | — | — | — | 1.0 |
| 009 | TF | SANGO | — | 048 (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 | | |

Visual REP



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

RJTH / HACHIOJIMA

LDG CHART



RJTH / HACHIOJIMA

Minimum Vectoring Altitude CHART



CENTER : 330654N/1394709E (ARP)

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