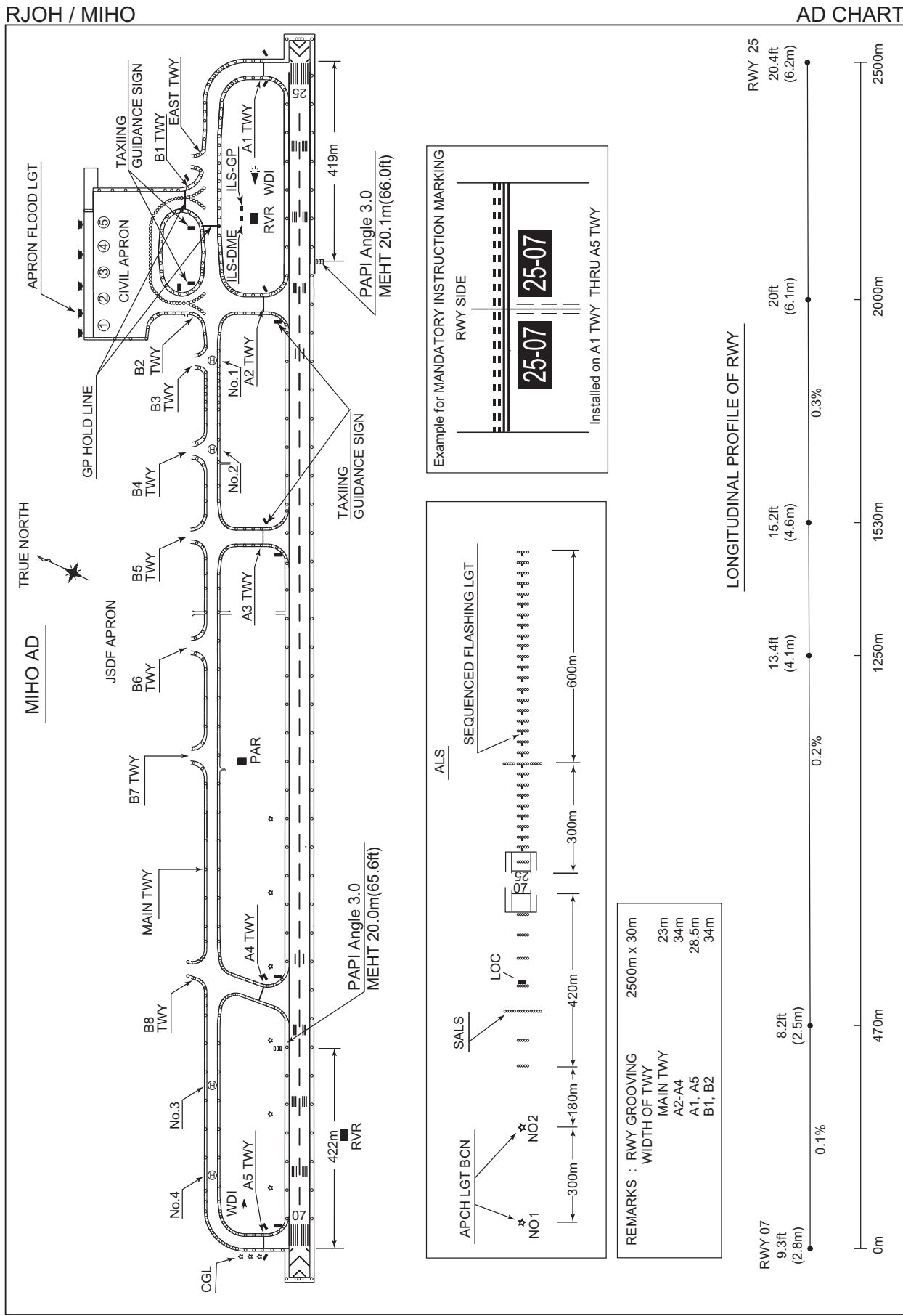


CHANGE : TWY B7 established.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

SID

MIHO REVERSAL FIVE DEPARTURE

RWY 07 : Climb RWY HDG to 900FT, ...

RWY 25 : Climb RWY HDG to 500FT, ...

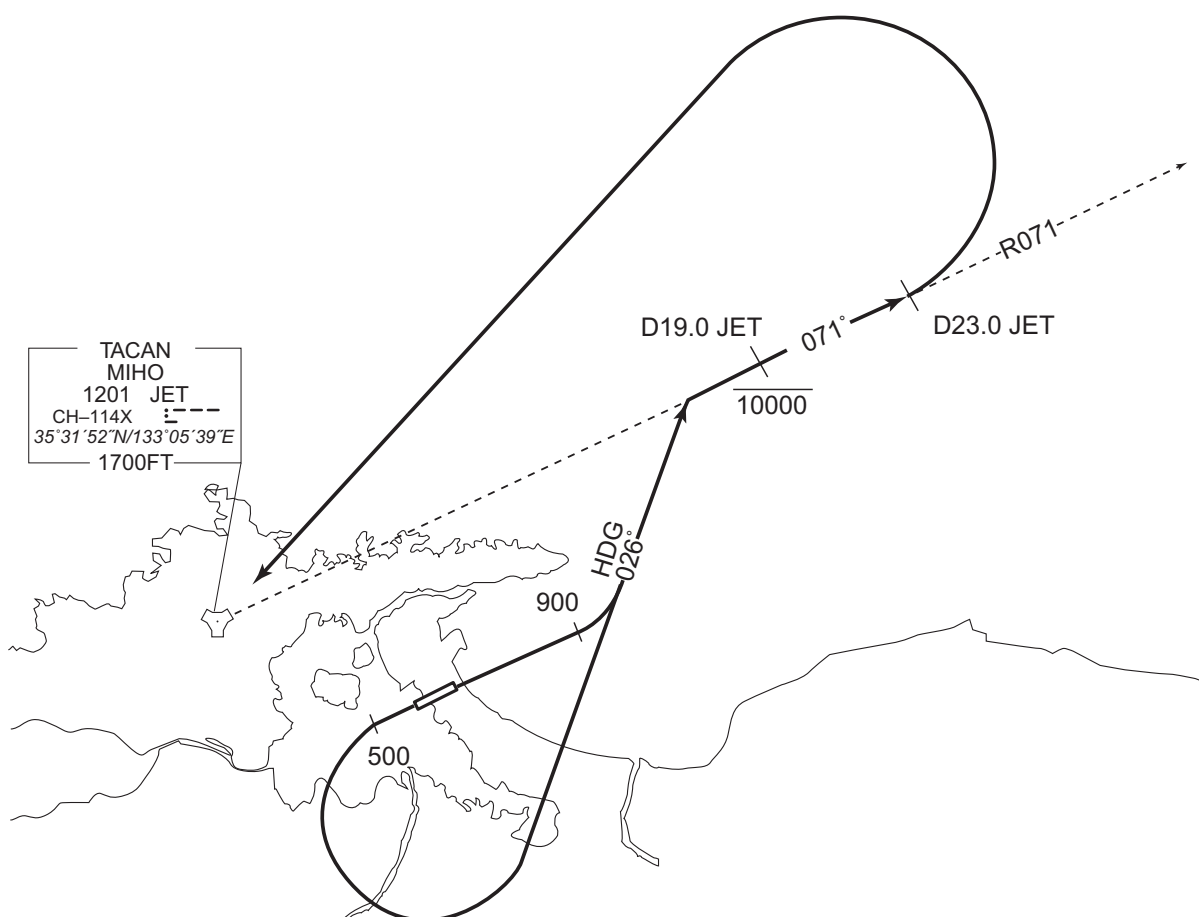
...turn left HDG026° to intercept and proceed via JET R071 to JET 23.0DME,
turn left direct to JET TACAN.

Cross JET R071/19.0DME at or below 10000FT.

Note RWY25 : 5.0% climb gradient required up to 1200FT.

OBST ALT 1182FT located at 4.33NM 016° FM end of RWY25.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

SID

YONAGO REVERSAL SEVEN DEPARTURE

RWY 07 : Climb RWY HDG to 900FT, turn left ...

RWY 25 : Climb RWY HDG to 500FT, turn left HDG015° ...

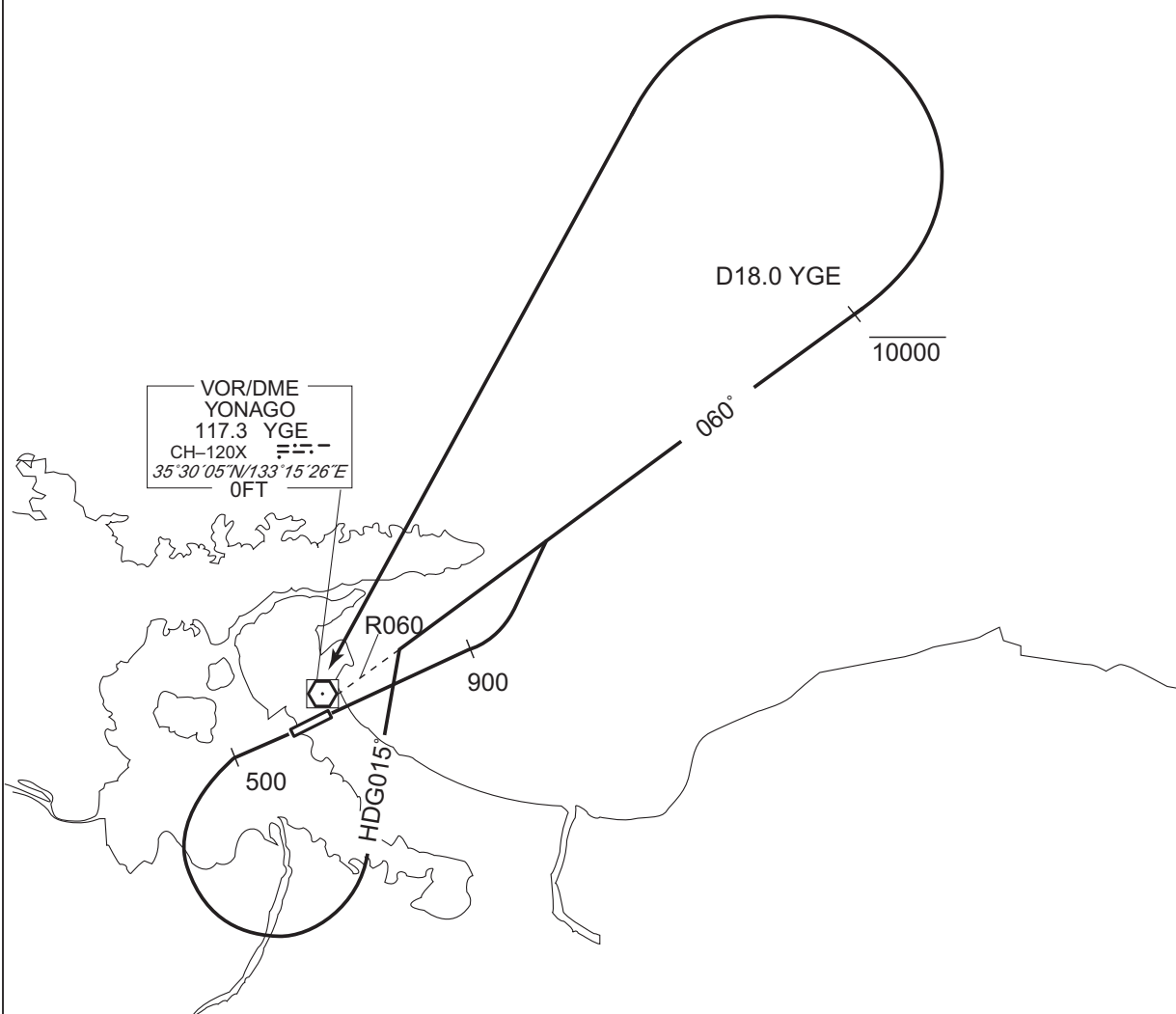
... to intercept and proceed via YGE R060 to YGE 18.0DME, turn left direct to YGE VOR/DME.

Cross YGE R060/18.0DME at or below 10000FT.

Note RWY25 : 5.0% climb gradient required up to 700FT.

OBST ALT 1116FT located at 6.1NM 213° FM end of RWY25.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART -INSTRUMENT

RJOH / MIHO

SID and TRANSITION

INABA FIVE DEPARTURE

RWY07 : Climb RWY HDG to 900FT, turn left ...

RWY25 : Climb RWY HDG to 500FT, turn left HDG015° ...

... to intercept and proceed via YGE R060 to INABA.

Cross YGE R060/18.0DME (TRE R295) at or below 10000FT.

Cross INABA at or above 8000FT.

Note RWY25 : 5.0% climb gradient required up to 700FT.

OBST ALT 1116FT located at 6.1NM 213° FM end of RWY25.

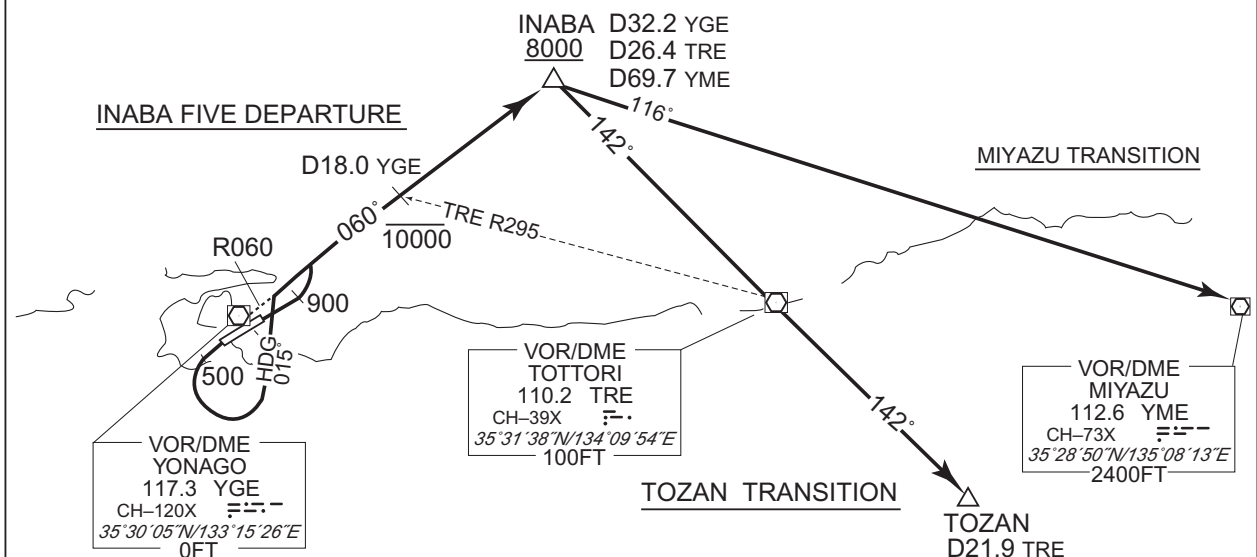
TOZAN TRANSITION

From over INABA, proceed via TRE R322 to TRE VOR/DME, via TRE R142 to TOZAN.

MIYAZU TRANSITION

From over INABA, proceed via YME R296 to YME VOR/DME.

CHANGE : SID. Note RWY25(OBST). YONAGO VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

SID and TRANSITION

SOUTH EIGHT DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn right HDG220° ...

RWY25 : Climb RWY HDG to 500FT, turn left HDG130° ...

... to intercept and proceed via YGE R175 to NIIMI.

Cross YGE R175/12.5DME at or below 10000FT,

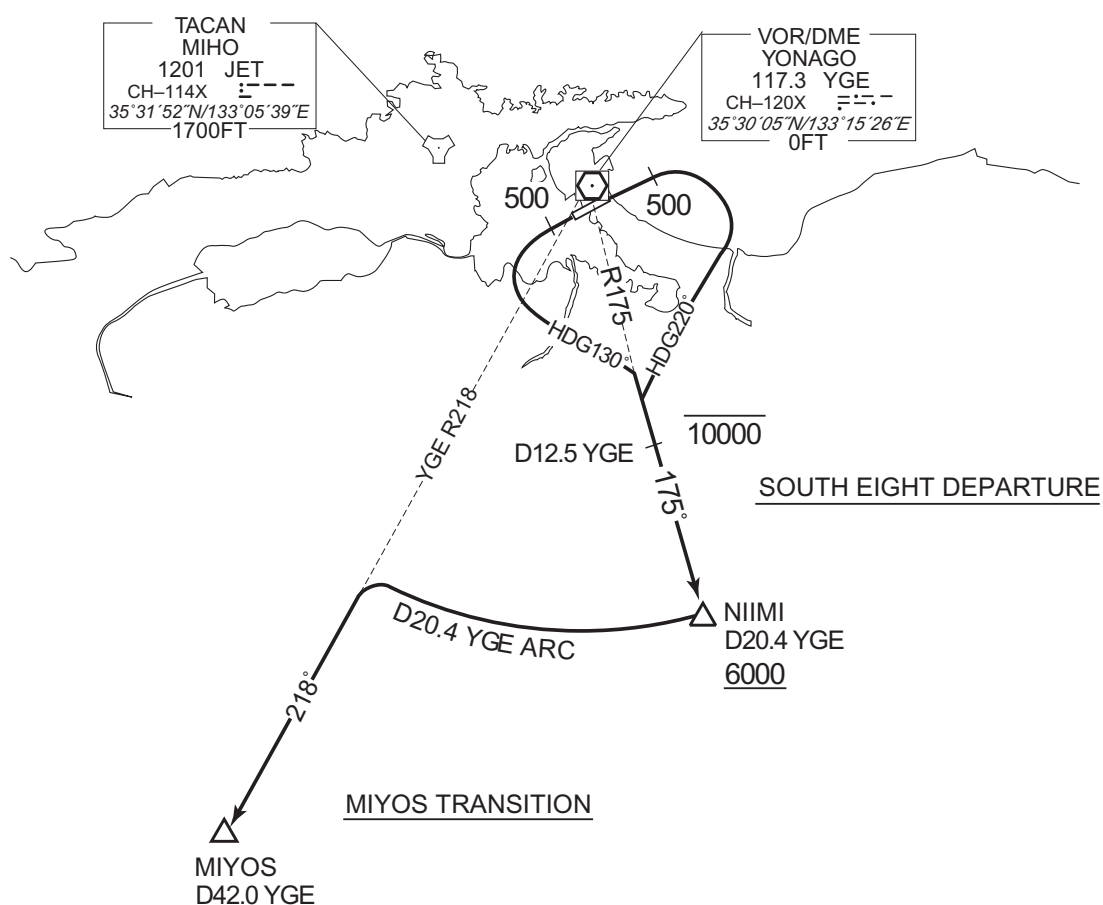
Cross NIIMI at or above 6000FT.

Note RWY25 : 5.0% climb gradient required up to 700FT.

OBST ALT 1116FT located at 6.1NM 213° FM end of RWY25.

MIYOS TRANSITION

From over NIIMI, proceed via YGE 20.4DME clockwise ARC to intercept and proceed via YGE R218 to MIYOS.



CHANGE : SID. Note RWY25(OBST). TRANSITION. YONAGO VOR/DME.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

SID

DOZEN SIX DEPARTURE

RWY 07 : Climb RWY HDG to 1000FT, turn left HDG322°...

RWY 25 : Climb RWY HDG to 500FT, turn left ...

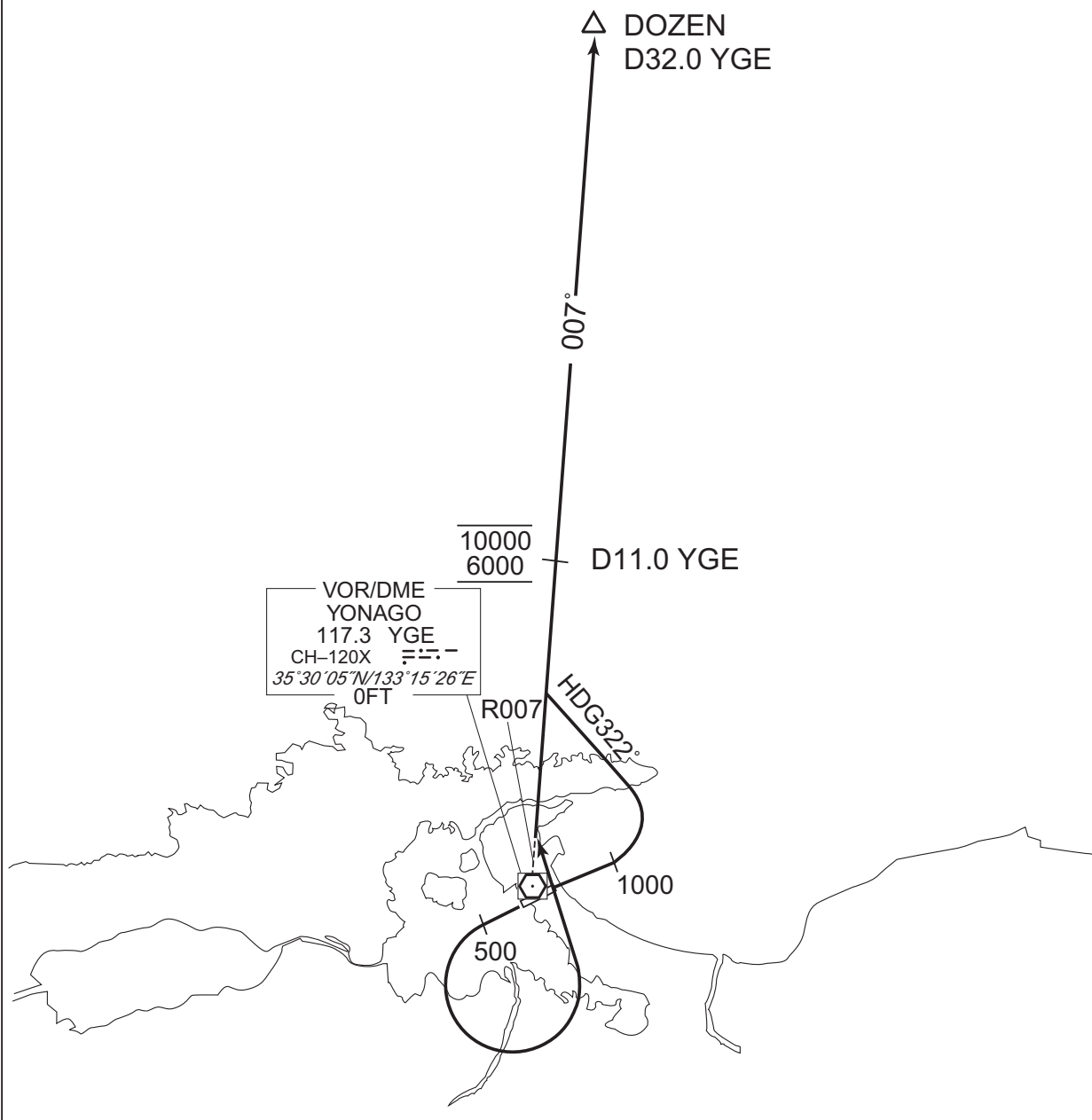
... to intercept and proceed via YGE R007 to DOZEN.

Cross YGE R007/11.0DME between 6000FT and 10000FT.

Note RWY25 : 5.0% climb gradient required up to 1000FT.

OBST ALT 1182FT located at 4.3NM 016° FM end of RWY25.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

STAGE TWO DEPARTURE

RNAV1

Note 1) DME/DME/IRU or GNSS required.

✕The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.

2) RADAR service required.

Critical DME

RWY07 :

OIE : 12.6NM to STAGE - STAGE

RWY25 :

JET : 10.0NM to OH501 - 6.0NM to OH501

OIE : 6.0NM to OH501 - 4.0NM to OH501

OH501 - OH701

12.6NM to STAGE - STAGE

DME GAP

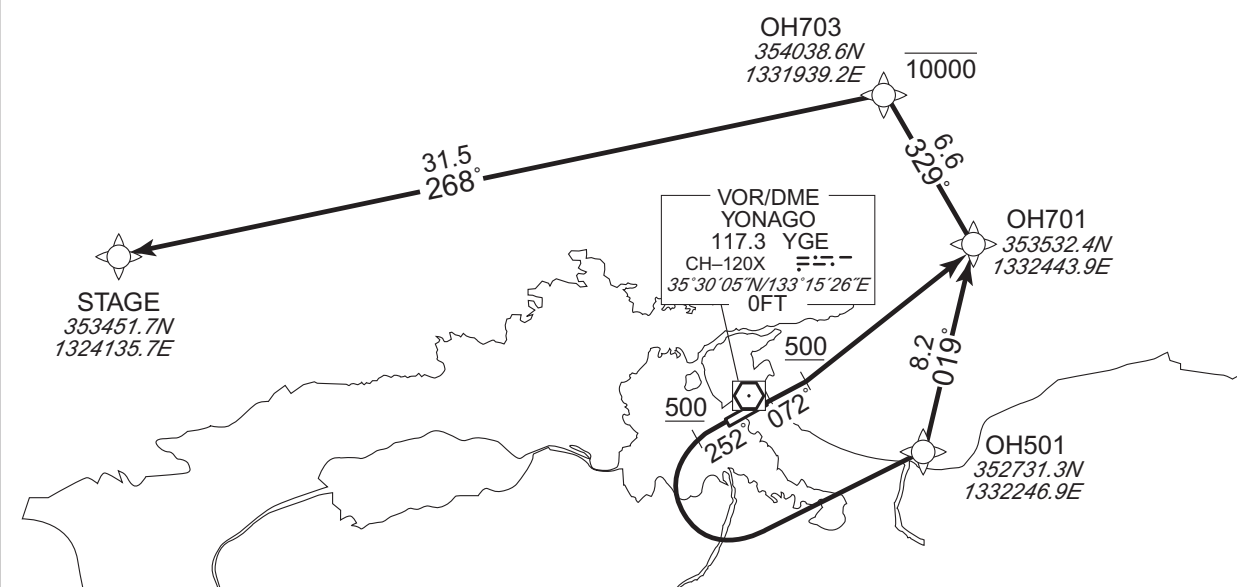
RWY07 :DER - 8.7NM to OH701

RWY25 :DER - 10.0NM to OH501

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W



RWY07 : Climb on HDG072° at or above 500FT, direct to OH701, to OH703 at or below 10000FT, to STAGE.

RWY25 : Climb on HDG252° at or above 500FT, turn left direct to OH501, to OH 701, to OH703 at or below 10000FT, to STAGE.

NOTE RWY25 : 5.0% climb gradient required up to 700FT.

OBST ALT 1182FT located at 6.2NM 214° FM end of RWY25.

CHANGE : Description of VAR and PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

STAGE TWO DEPARTURE

RWY07

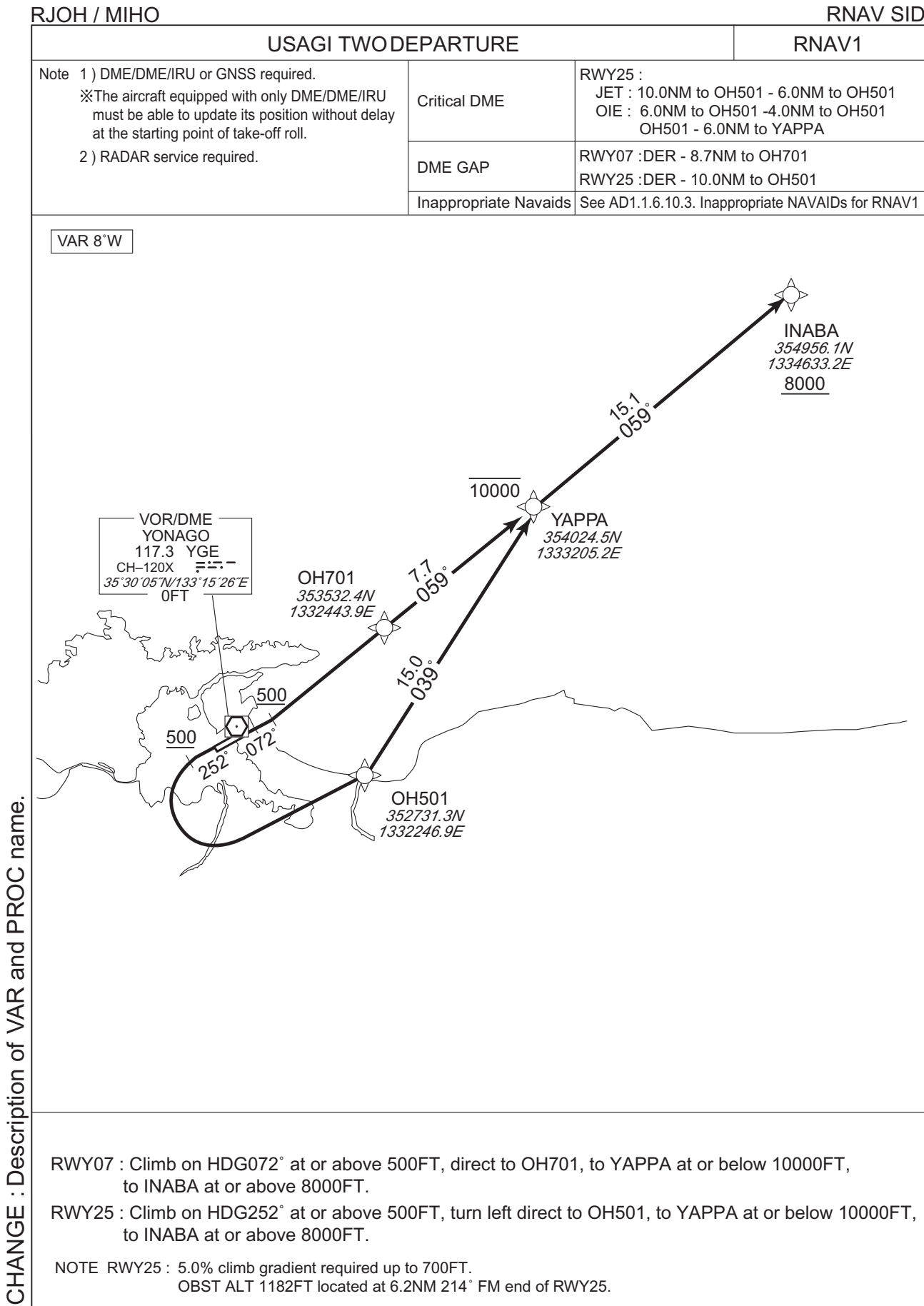
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 072 (063.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH701 | — | — | -8.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | OH703 | — | 329 (321.1) | -8.3 | 6.6 | — | -10000 | — | — | RNAV1 |
| 004 | TF | STAGE | — | 268 (259.6) | -8.3 | 31.5 | — | — | — | — | RNAV1 |

RWY25

| 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 | — | — | 252 (243.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH501 | — | — | -8.3 | — | L | — | — | — | RNAV1 |
| 003 | TF | OH701 | — | 019 (011.2) | -8.3 | 8.2 | — | — | — | — | RNAV1 |
| 004 | TF | OH703 | — | 329 (321.1) | -8.3 | 6.6 | — | -10000 | — | — | RNAV1 |
| 005 | TF | STAGE | — | 268 (259.6) | -8.3 | 31.5 | — | — | — | — | RNAV1 |

CHANGE : VAR. PROC renamed, PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : Description of VAR and PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

USAGI TWO DEPARTURE

RWY07

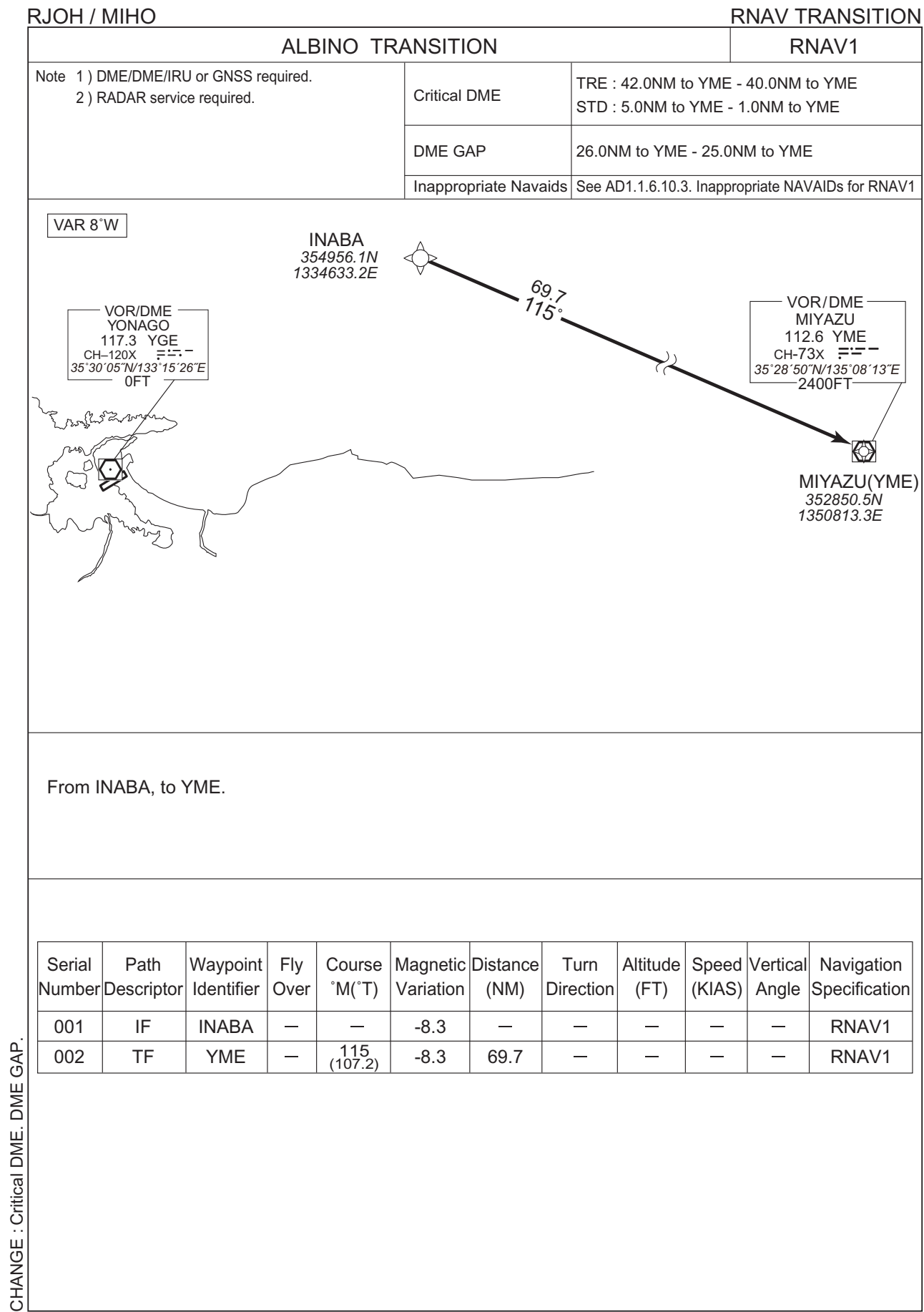
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 072 (063.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH701 | — | — | -8.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | YAPPA | — | 059 (050.8) | -8.3 | 7.7 | — | -10000 | — | — | RNAV1 |
| 004 | TF | INABA | — | 059 (050.9) | -8.3 | 15.1 | — | +8000 | — | — | RNAV1 |

RWY25

| 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 | — | — | 252 (243.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH501 | — | — | -8.3 | — | L | — | — | — | RNAV1 |
| 003 | TF | YAPPA | — | 039 (030.4) | -8.3 | 15.0 | — | -10000 | — | — | RNAV1 |
| 004 | TF | INABA | — | 059 (050.9) | -8.3 | 15.1 | — | +8000 | — | — | RNAV1 |

CHANGE : VAR. PROC renamed.PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT



RJOH / MIHO

RNAV TRANSITION

RNAV1

| | |
|-----------------------|---|
| Inappropriate NavAids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |
|-----------------------|---|

KOMATSU(KMC)
362347.3N
1362415.3E

VORTAC
KOMATSU
112.0 KMC
CH-57X $\equiv \equiv \cdot$
36°23'47"N/136°24'15"E

INABA
354956.1N
1334633.2E
8000

KUMIK
354959.9N
1340510.3E
FL160

From INABA at or above 8000FT, to KUMIK at or above FL160, to KMC.

| 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 | INABA | — | — | -8.3 | — | — | +8000 | — | — | RNAV1 |
| 002 | TF | KUMIK | — | 098 (089.7) | -8.3 | 15.1 | — | +FL160 | — | — | RNAV1 |
| 003 | TF | KMC | — | 081 (072.6) | -8.3 | 117.4 | — | — | — | — | RNAV1 |

CHANGE : Critical DME deleted.

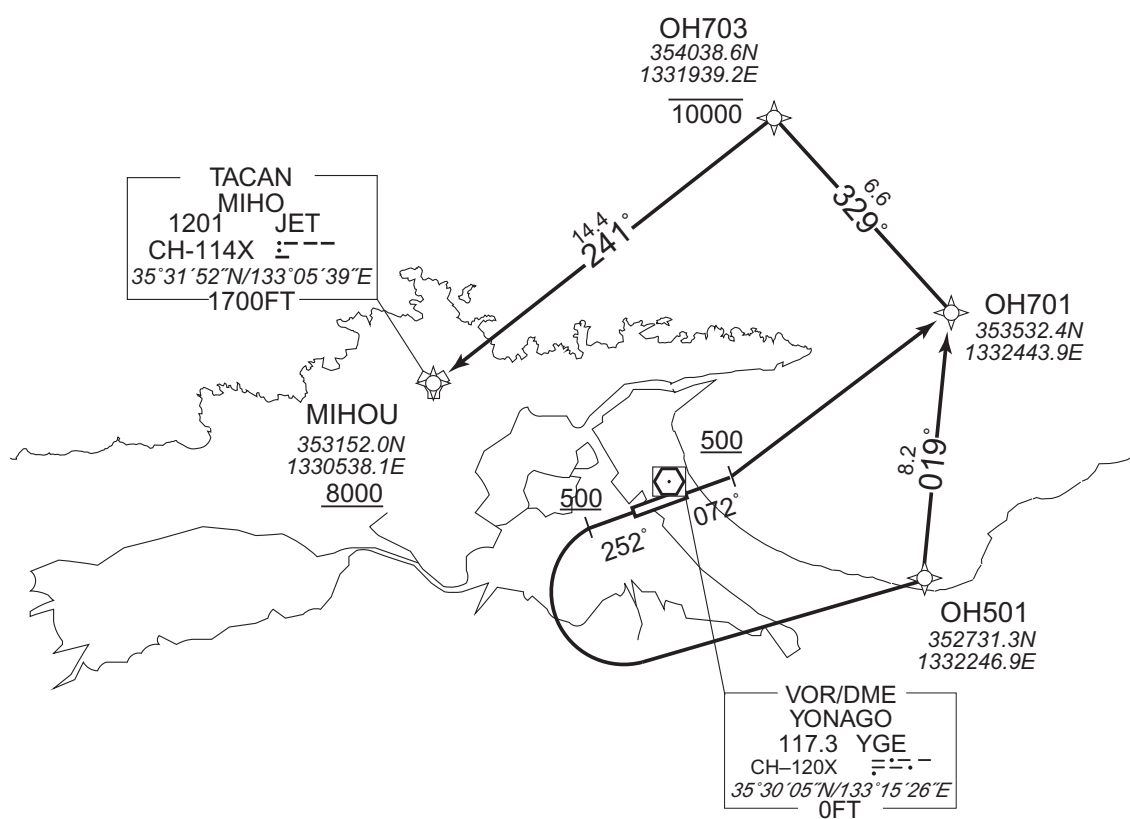
STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

| KITARO TWODEPARTURE | | RNAV1 |
|---|------------------------|--|
| NOTE 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | Critical DME | RWY07 TRE : 1.0NM to OH703 – 7.0NM to MIHOU RWY25 JET : 10.0NM to OH501 – 6.0NM to OH501 OIE : 6.0NM to OH501 – 4.0NM to OH501 OH501 – OH701 TRE : 1.0NM to OH703 – 7.0NM to MIHOU |
| | DME GAP | RWY07 : DER – 8.7NM to OH701 RWY25 : DER – 10.0NM to OH501 |
| | Inappropriate Nav aids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 8°W



RWY07 : Climb on HDG072° at or above 500FT, direct to OH701, to OH703 at or below 10000FT, to MIHOU at or above 8000FT.

RWY25 : Climb on HDG252° at or above 500FT, turn left direct to OH501, to OH701, to OH703 at or below 10000FT, to MIHOU at or above 8000FT.

NOTE RWY25 : 5.0% climb gradient required up to 700FT.

OBST ALT 1182FT located at 6.2NM 214° FM end of RWY25.

CHANGE : Description of VAR and PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

KITARO TWO DEPARTURE

RWY07

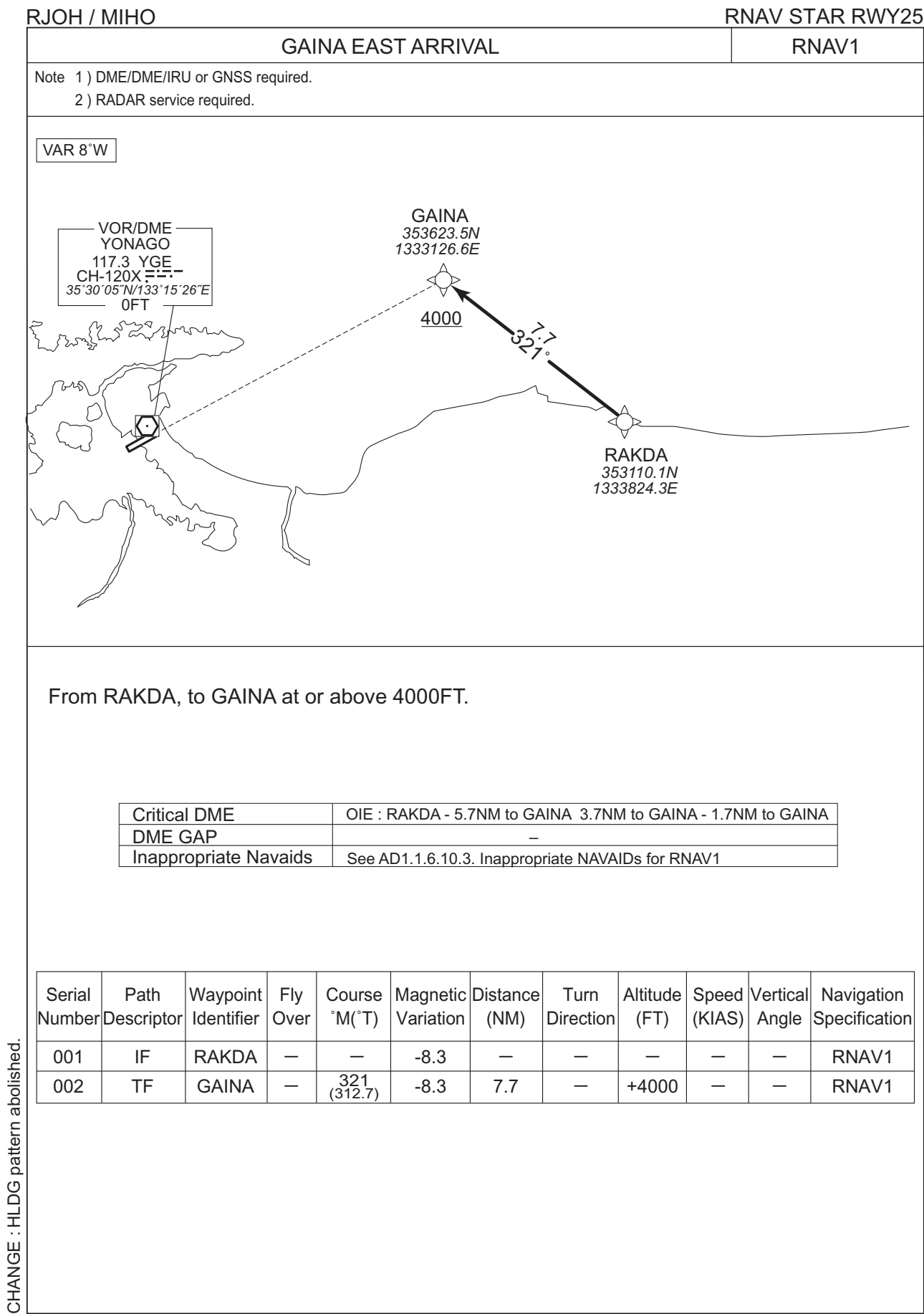
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 072 (063.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH701 | — | — | -8.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | OH703 | — | 329 (321.1) | -8.3 | 6.6 | — | -10000 | — | — | RNAV1 |
| 004 | TF | MIHOU | — | 241 (232.5) | -8.3 | 14.4 | — | +8000 | — | — | RNAV1 |

RWY25

| 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 | — | — | 252 (243.9) | -8.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | OH501 | — | — | -8.3 | — | L | — | — | — | RNAV1 |
| 003 | TF | OH701 | — | 019 (011.2) | -8.3 | 8.2 | — | — | — | — | RNAV1 |
| 004 | TF | OH703 | — | 329 (321.1) | -8.3 | 6.6 | — | -10000 | — | — | RNAV1 |
| 005 | TF | MIHOU | — | 241 (232.5) | -8.3 | 14.4 | — | +8000 | — | — | RNAV1 |

CHANGE : VAR. PROC renamed. Course FM OH703 to MIHOU.

STANDARD ARRIVAL CHART - INSTRUMENT



STANDARD ARRIVAL CHART - INSTRUMENT

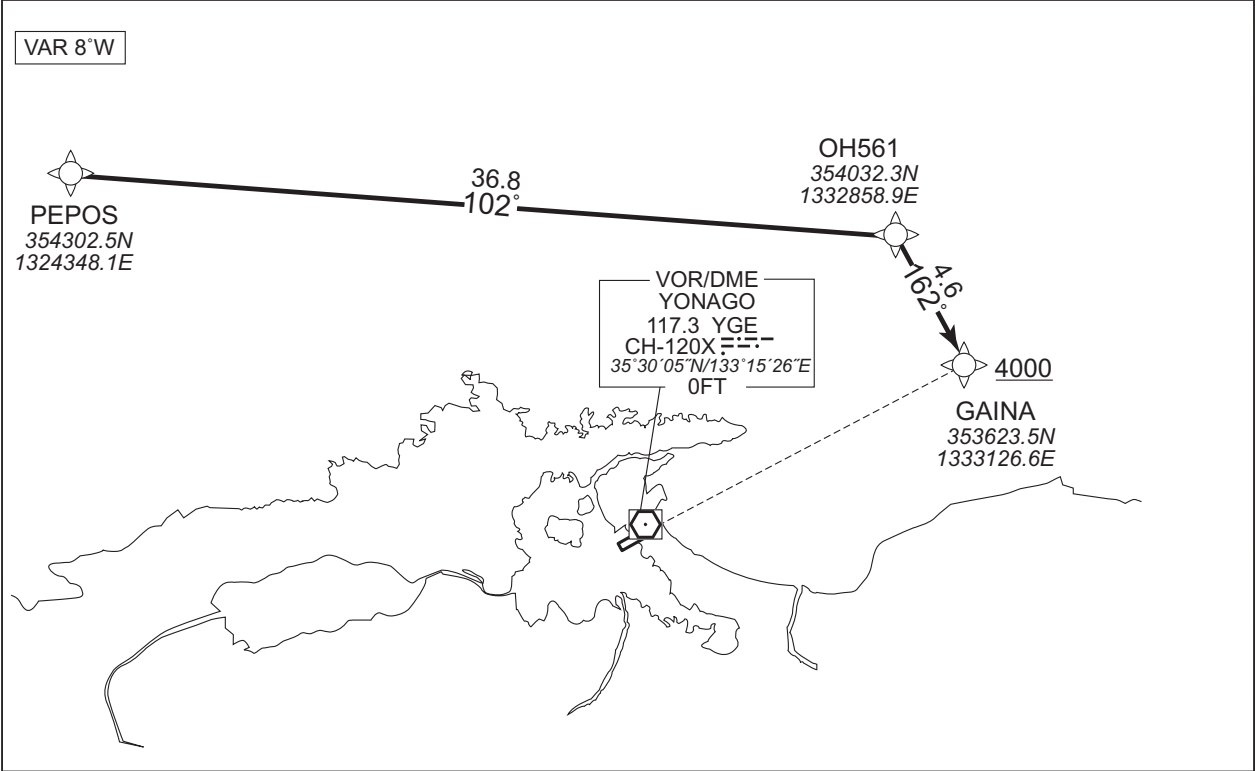
RJOH / MIHO

RNAV STAR RWY25

GAINA WEST ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.



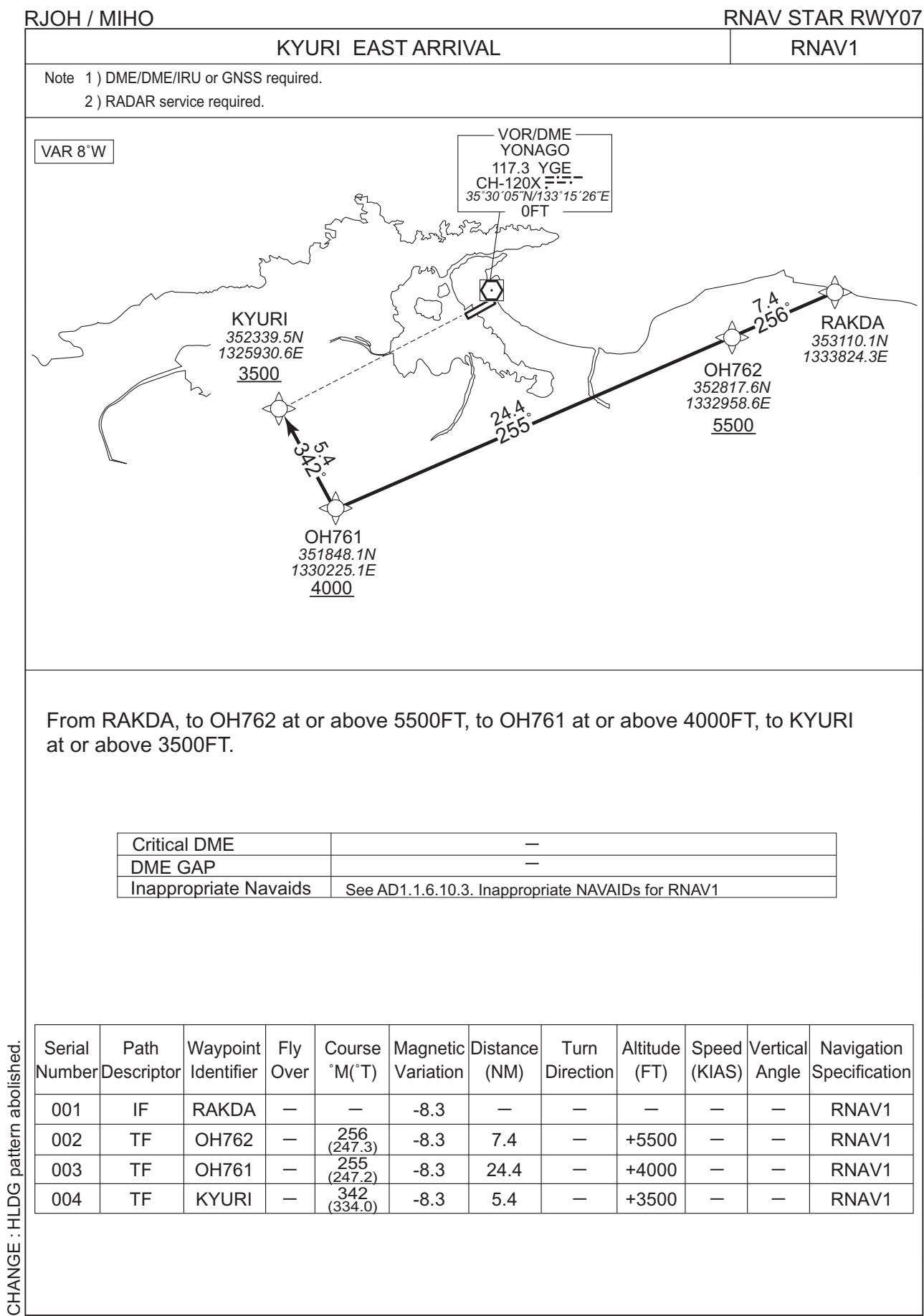
From PEPOS, to OH561, to GAINA at or above 4000FT.

| | |
|-----------------------|---|
| Critical DME | OIE : PEPOS - 32NM to OH561 |
| DME GAP | — |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

| 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 | PEPOS | — | — | -8.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | OH561 | — | 102 (093.7) | -8.3 | 36.8 | — | — | — | — | RNAV1 |
| 003 | TF | GAINA | — | 162 (154.2) | -8.3 | 4.6 | — | +4000 | — | — | RNAV1 |

CHANGE : HLDG pattern abolished.

STANDARD ARRIVAL CHART - INSTRUMENT



STANDARD ARRIVAL CHART - INSTRUMENT

RJOH / MIHO

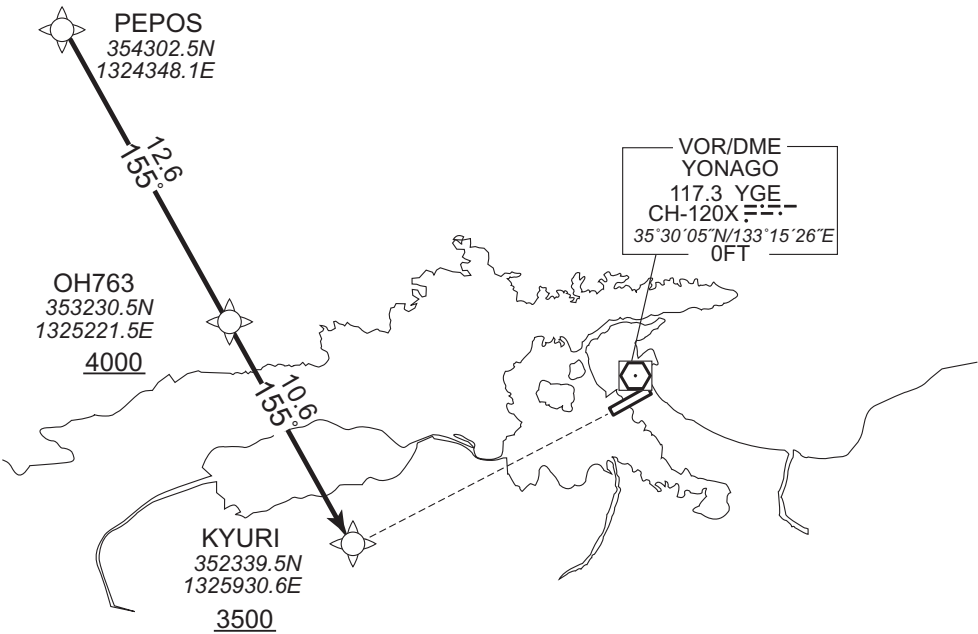
RNAV STAR RWY07

KYURI WEST ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 8°W



From PEPOS, to OH763 at or above 4000FT, to KYURI at or above 3500FT.

| | |
|-----------------------|---|
| Critical DME | OIE : 3NM to KYURI - 2NM to KYURI |
| DME GAP | — |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

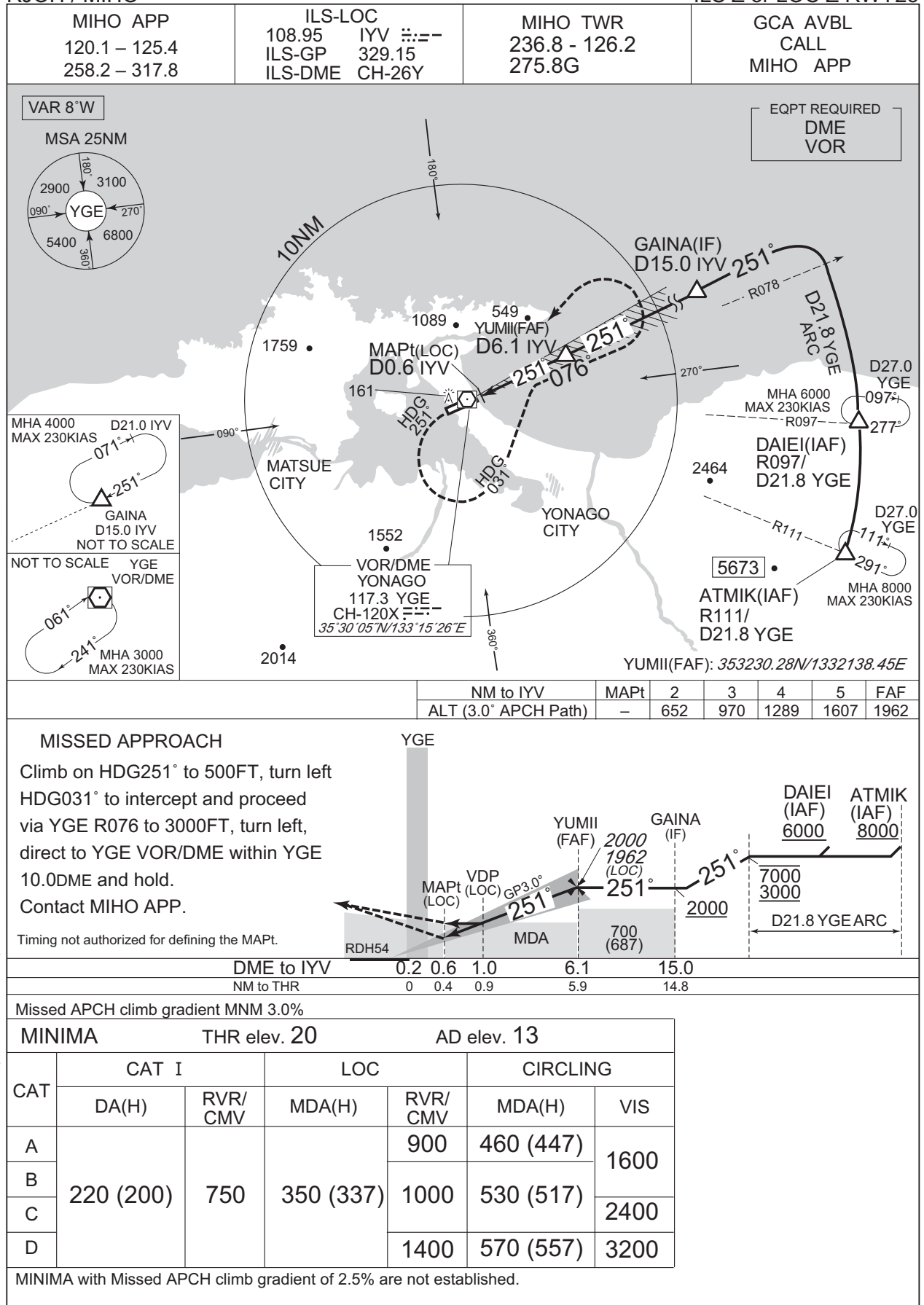
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | PEPOS | — | — | -8.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | OH763 | — | 155 (146.5) | -8.3 | 12.6 | — | +4000 | — | — | RNAV1 |
| 003 | TF | KYURI | — | 155 (146.6) | -8.3 | 10.6 | — | +3500 | — | — | RNAV1 |

CHANGE : HLDG pattern abolished.

INSTRUMENT APPROACH CHART

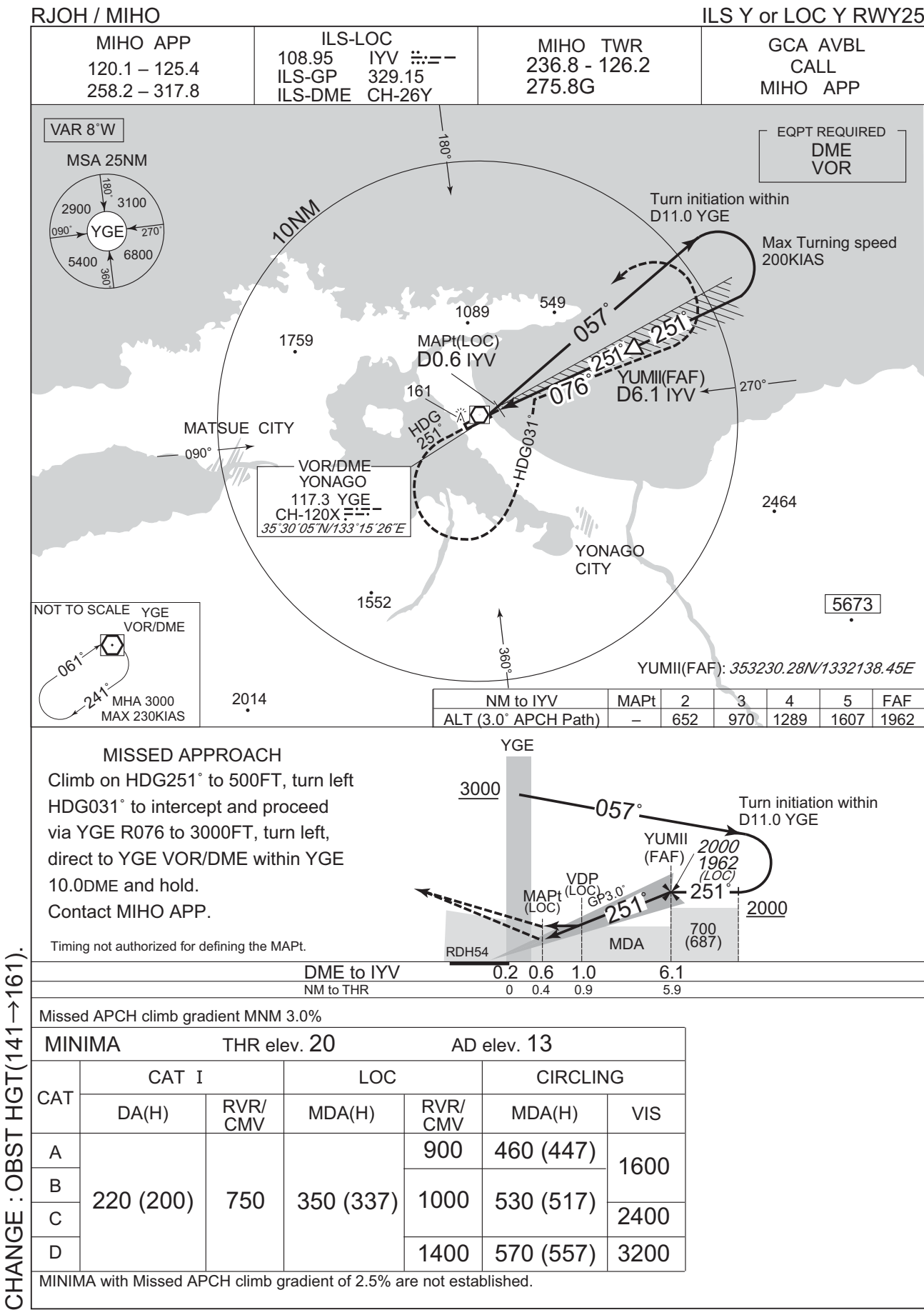
RJOH / MIHO

ILS Z or LOC Z RWY25

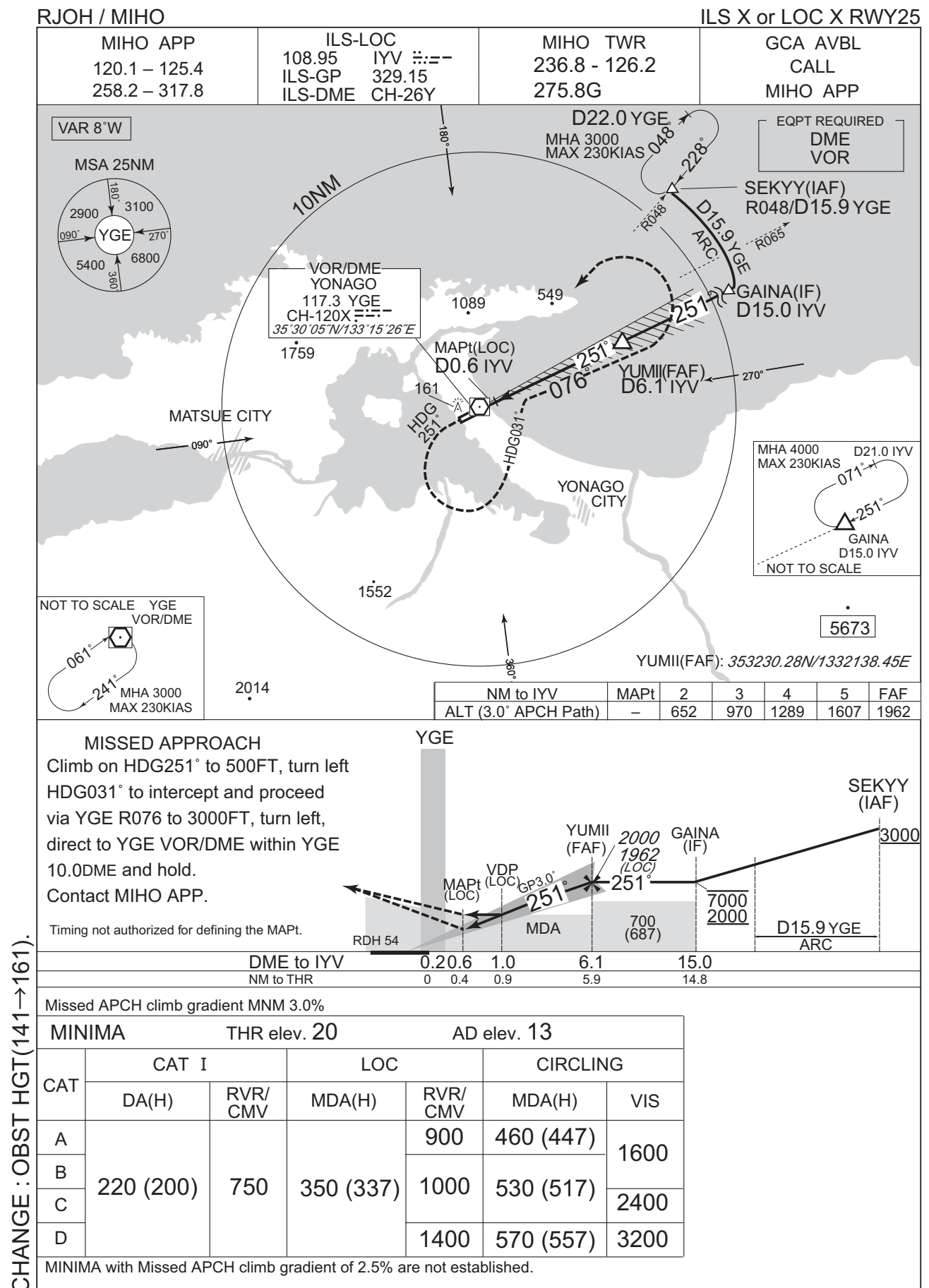


CHANGE : OBST HGT(141→161).

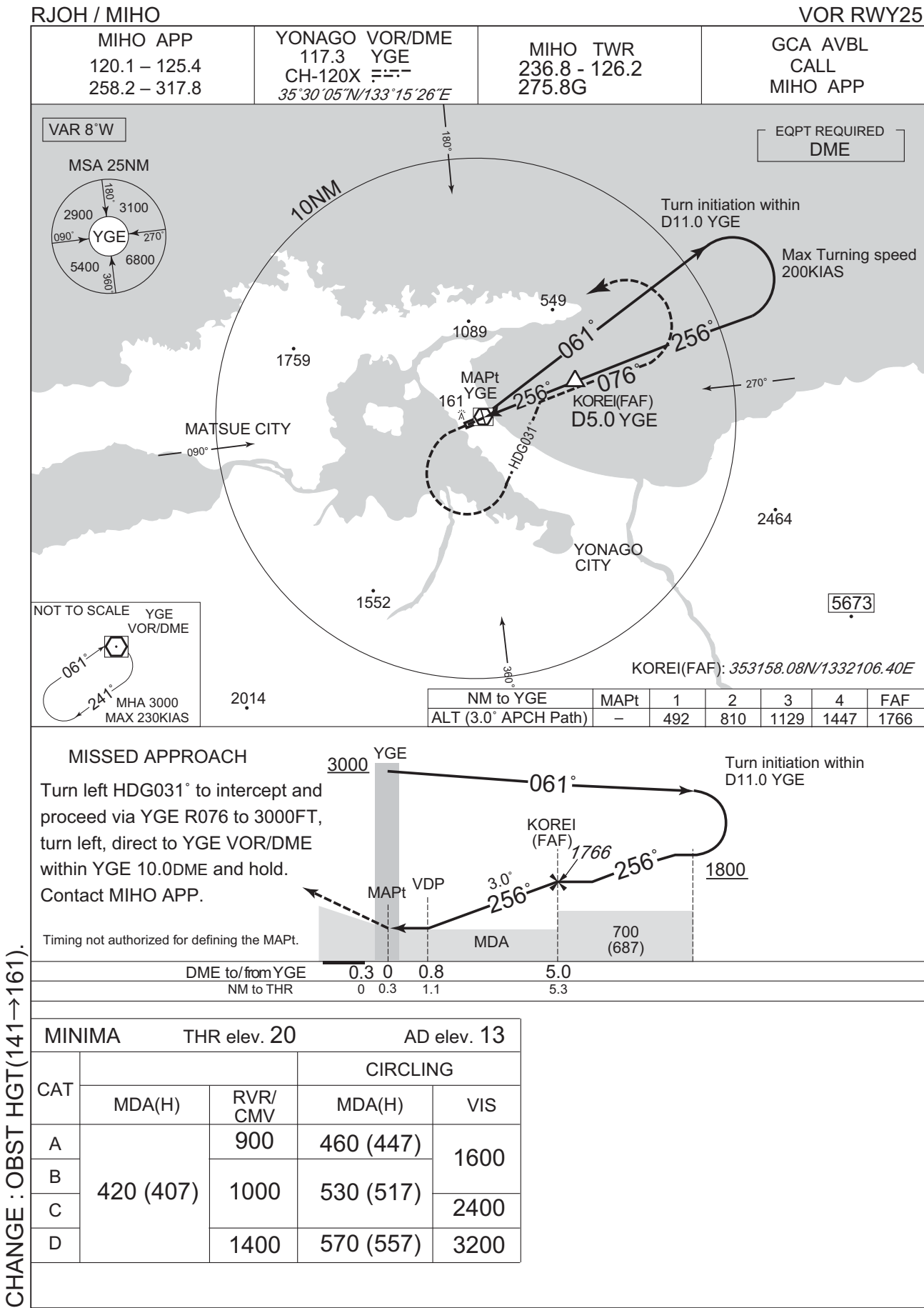
INSTRUMENT APPROACH CHART



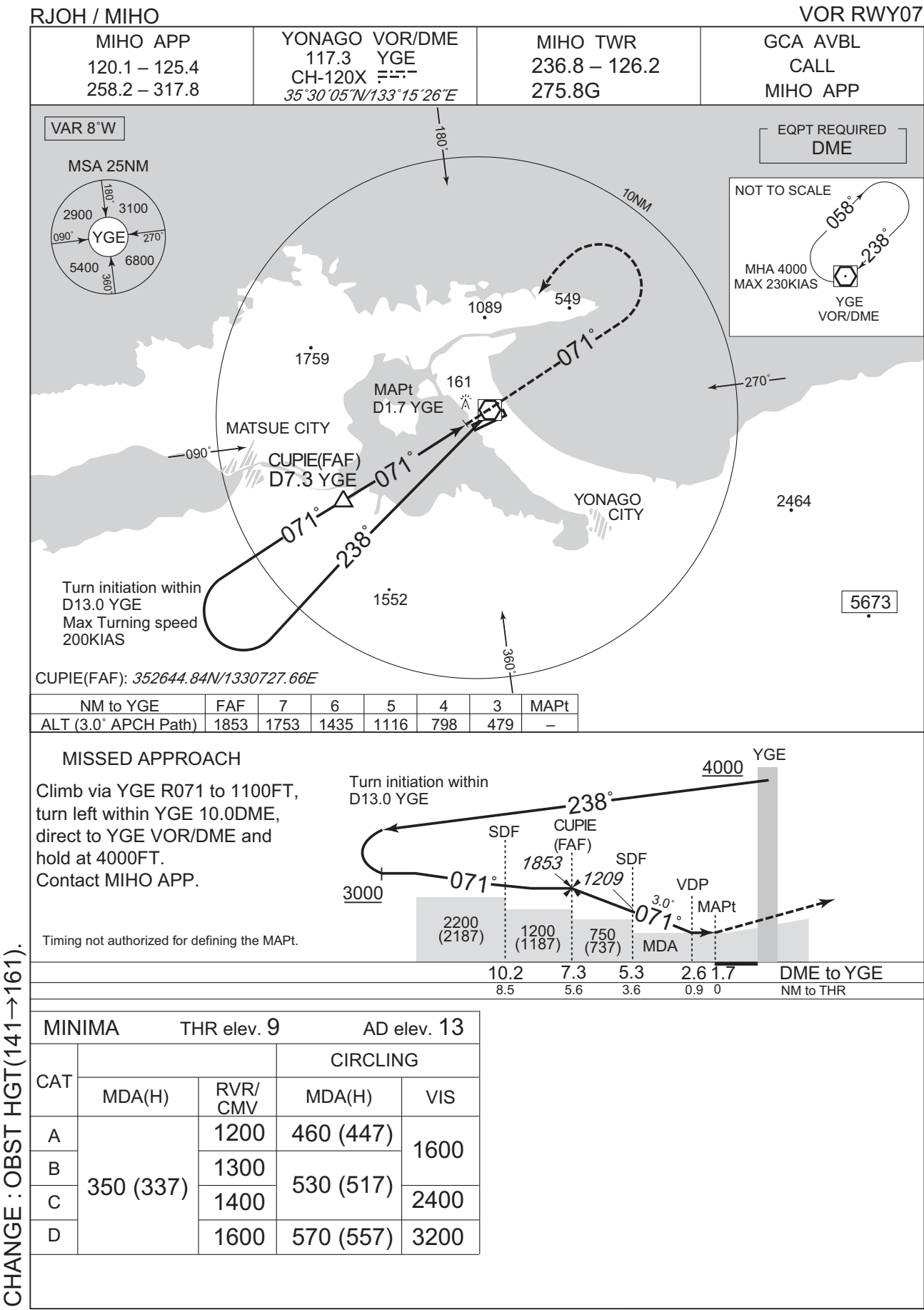
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



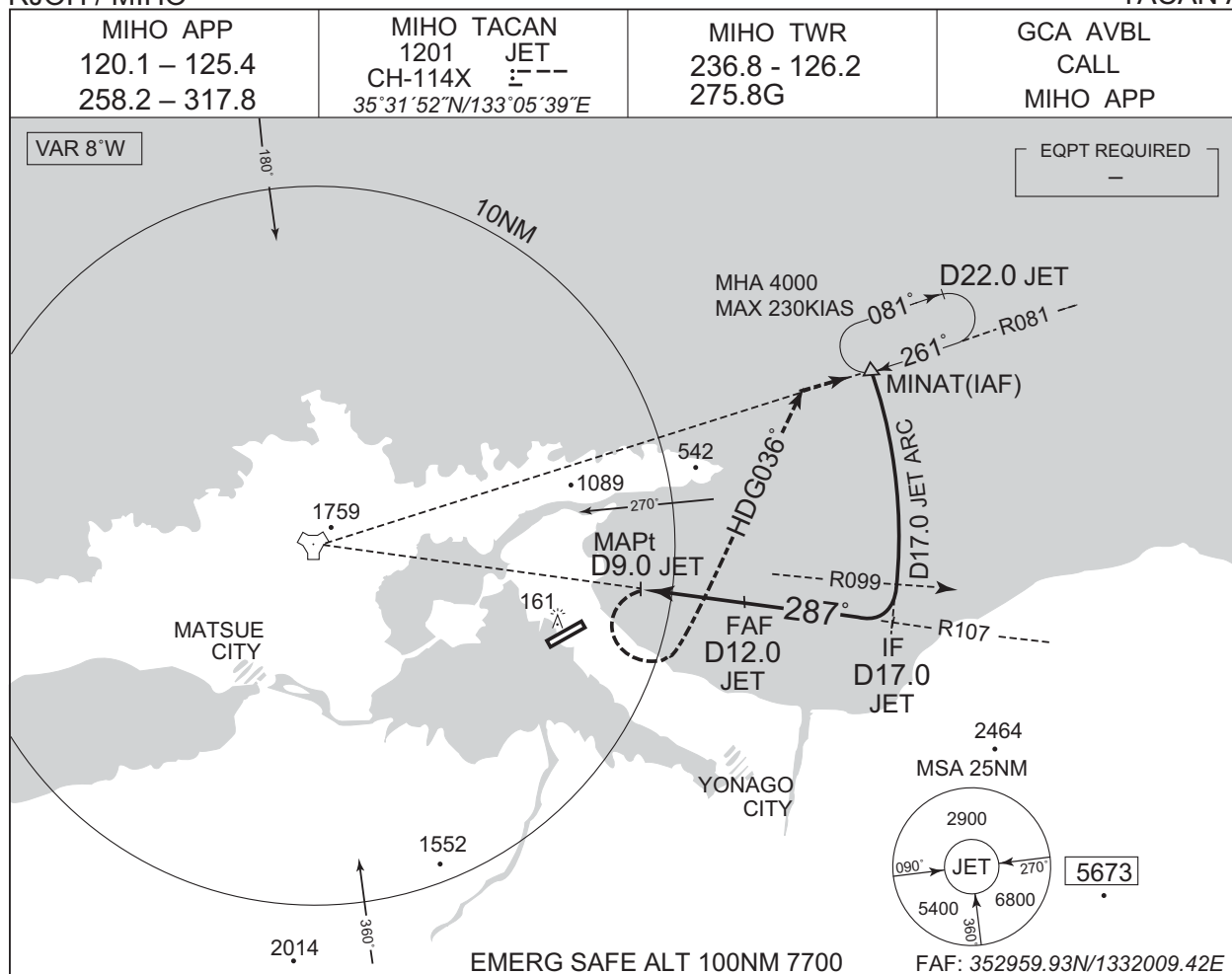
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

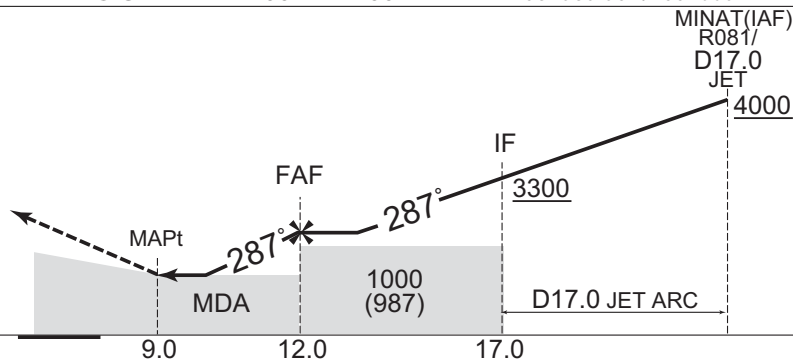
RJOH / MIHO

TACAN A



MISSED APPROACH
 Turn left climb to 4000FT on
 HDG036° to intercept and
 proceed via JET R081 to
 MINAT and hold.
 Contact MIHO APP.

Timing not authorized for defining the MAPt.



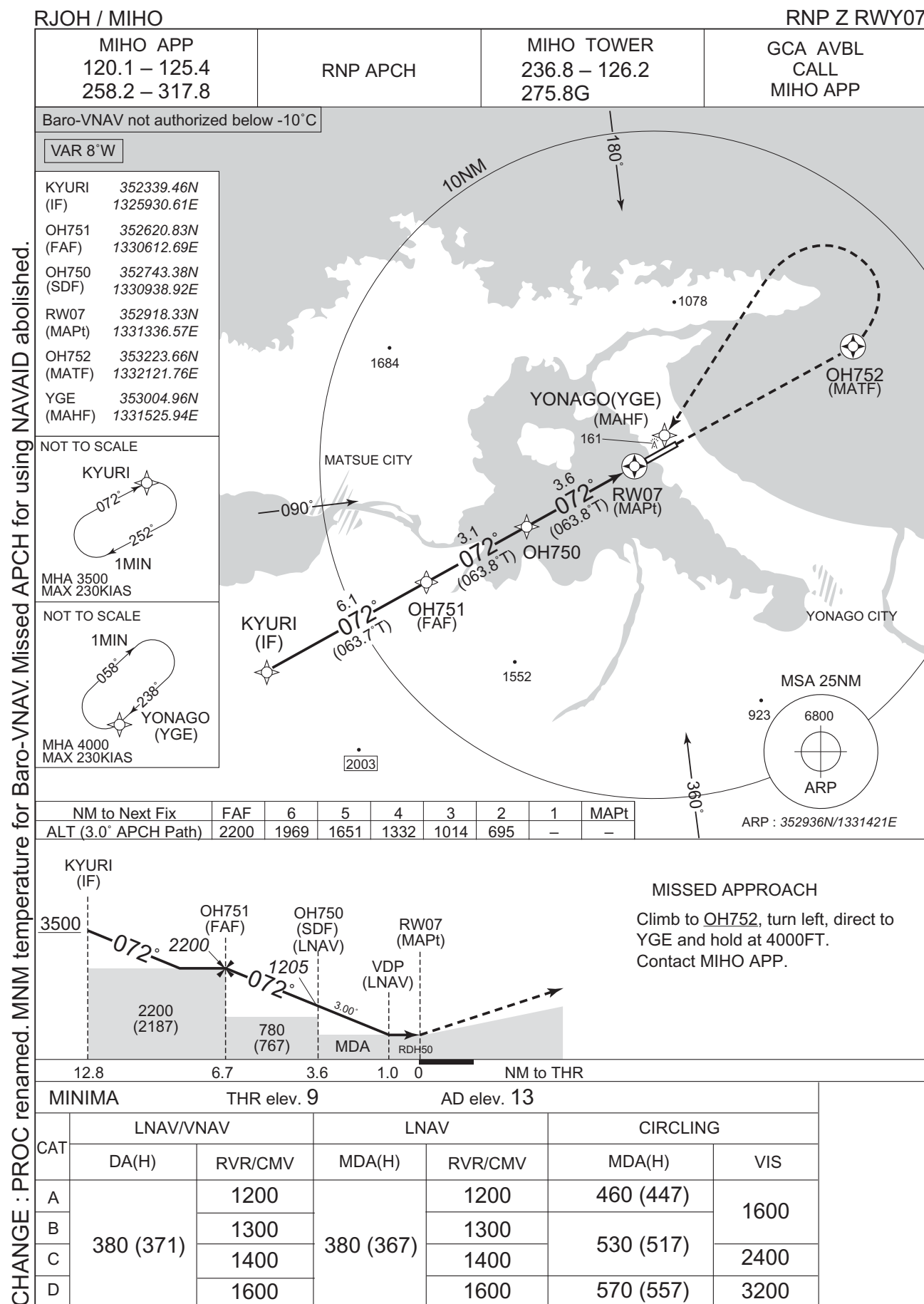
Missed APCH climb gradient MNM 5.0%

| MINIMA | | AD elev. 13 |
|--------|-----------|-------------|
| CAT | CIRCLING | |
| | MDA(H) | VIS |
| A | 780 (767) | 1600 |
| B | | 2400 |
| C | | 3200 |
| D | | |

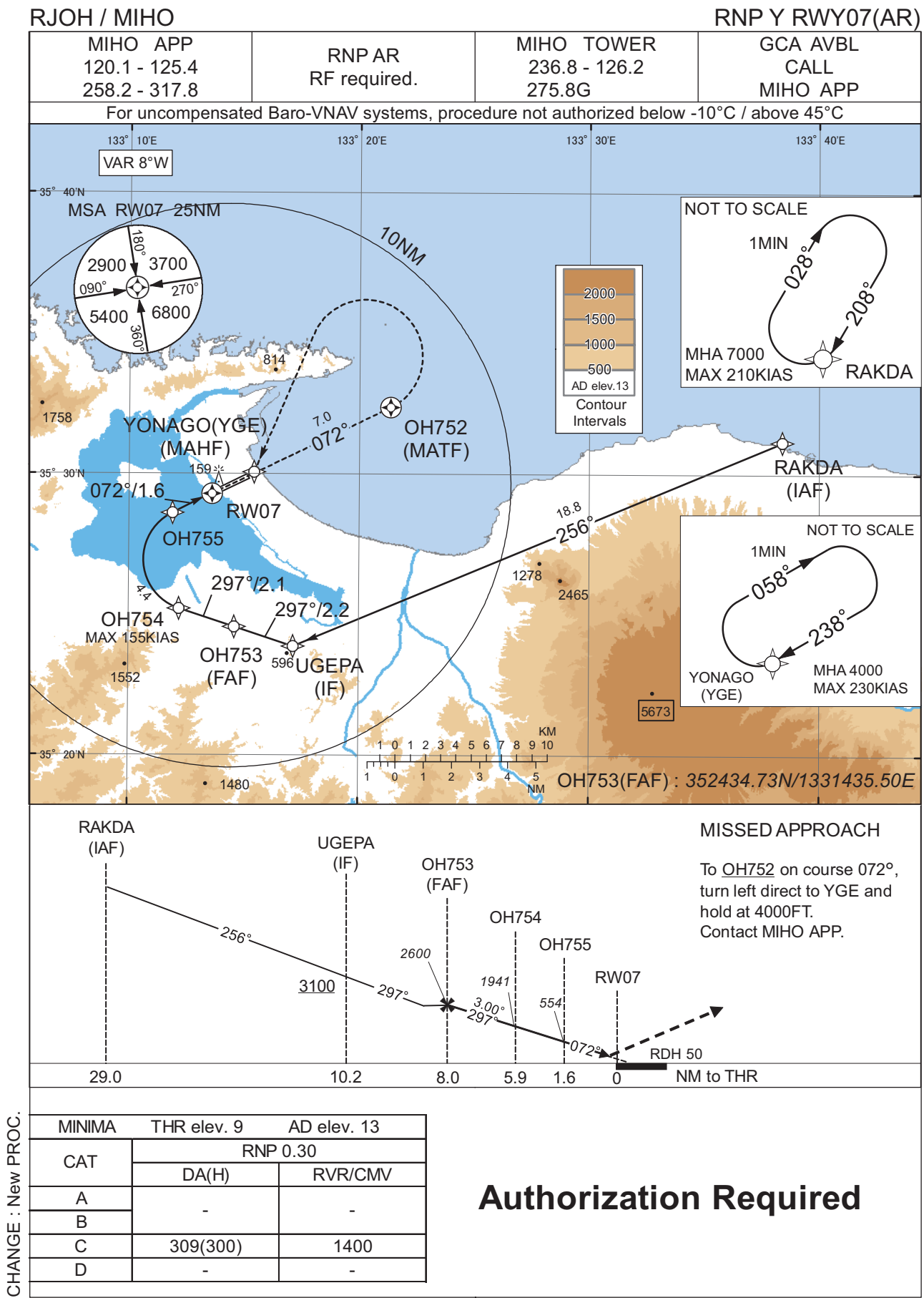
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : OBST HGT(141→161).

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOH / MIHO

RNP Y RWY07(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 | RAKDA | - | - | -8.5 | - | - | - | - | - | - |
| 002 | TF | UGEPA | - | 256 (247.3) | -8.5 | 18.8 | - | +3100 | - | - | 0.3 |
| 003 | TF | OH753 | - | 297 (288.2) | -8.5 | 2.2 | - | 2600 | - | - | 0.3 |
| 004 | TF | OH754 | - | 297 (288.1) | -8.5 | 2.1 | - | 1941 | -155 | -3.00 | 0.3 |
| 005 | RF Center: OHRF1 r=1.84NM | OH755 | - | - | -8.5 | 4.4 | R | 554 | - | -3.00 | 0.3 |
| 006 | TF | RW07 | Y | 072 (063.9) | -8.5 | 1.6 | - | 59 | - | -3.00/50 | 0.3 |
| 007 | CF | OH752 | Y | 072 (063.9) | -8.5 | 7.0 | - | - | - | - | 1.0 |
| 008 | DF | YGE | - | - | -8.5 | - | L | 4000 | - | - | 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 | RAKDA | 208 (199.9) | -8.5 | 1.0 (-14000) | R | 7000 | FL140 | -210 (-14000) | 1.0 |
| Hold | YGE | 238 (229.7) | -8.5 | 1.0 (-14000) | R | 4000 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| RAKDA | 353110.12N / 1333824.27E | OHRF1 | 352658.12N / 1331252.91E |
| UGEPA | 352353.68N / 1331709.24E | | |
| OH753 | 352434.73N / 1331435.50E | | |
| OH754 | 352513.21N / 1331211.18E | | |
| OH755 | 352837.26N / 1331153.73E | | |
| RW07 | 352918.33N / 1331336.57E | | |
| OH752 | 353223.66N / 1332121.76E | | |
| YGE | 353004.96N / 1331525.94E | | |

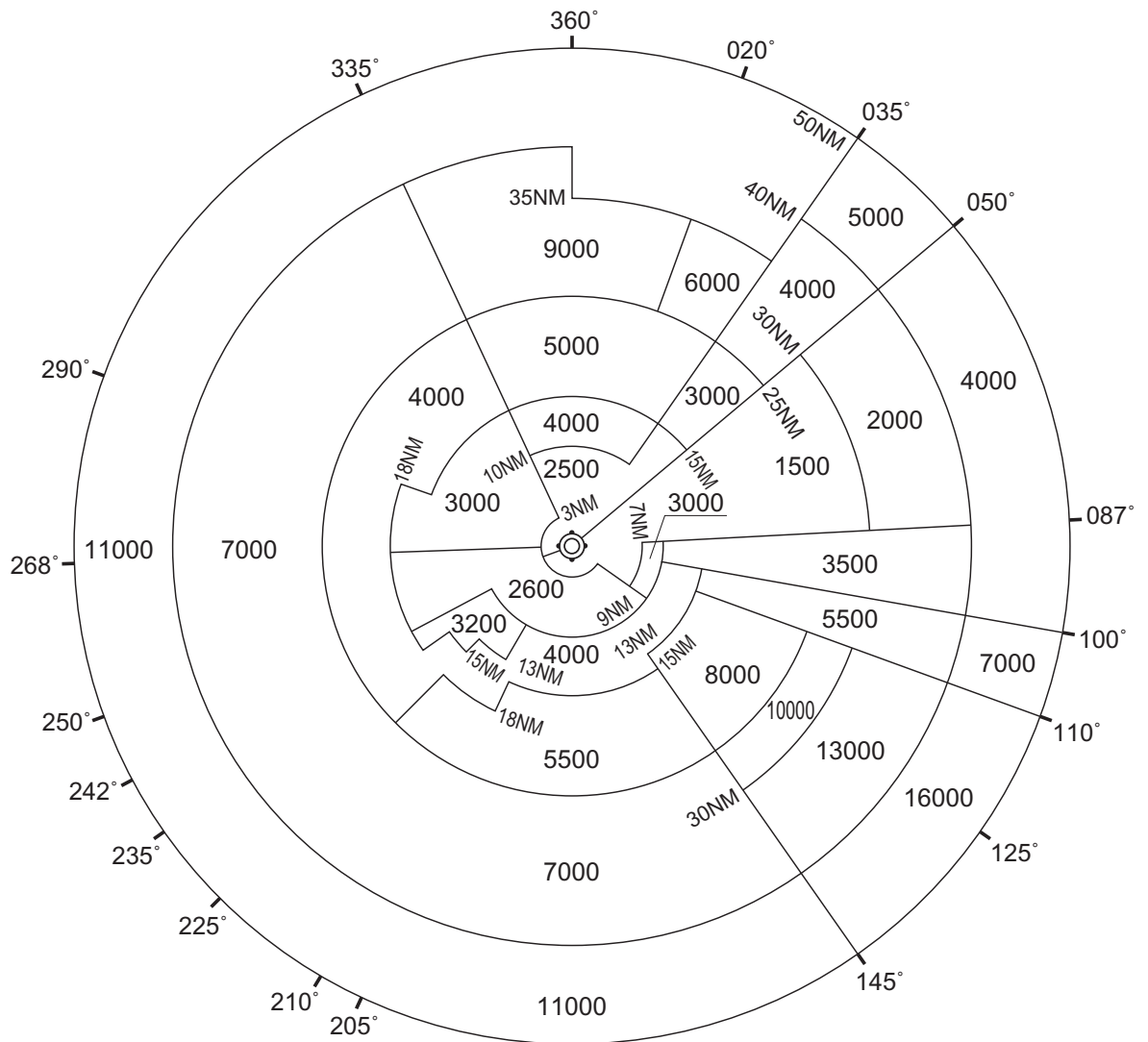
CHANGE : New PROC.

RJOH / MIHO

Minimum Vectoring Altitude CHART

VAR 8°W (2023)

CHANGE : VAR. Update(BTN 205°and 210°).



CENTER: 353003N/1331413E (RADAR SITE)