

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.

MIHO REVERSAL FIVE DEPARTURE



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.

YONAGO REVERSAL SEVEN DEPARTURE

CHANGE : PROC renamed.PROC course. Note RWY25(OBST). YONAGO VOR/DME.

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 TRANSITON

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,

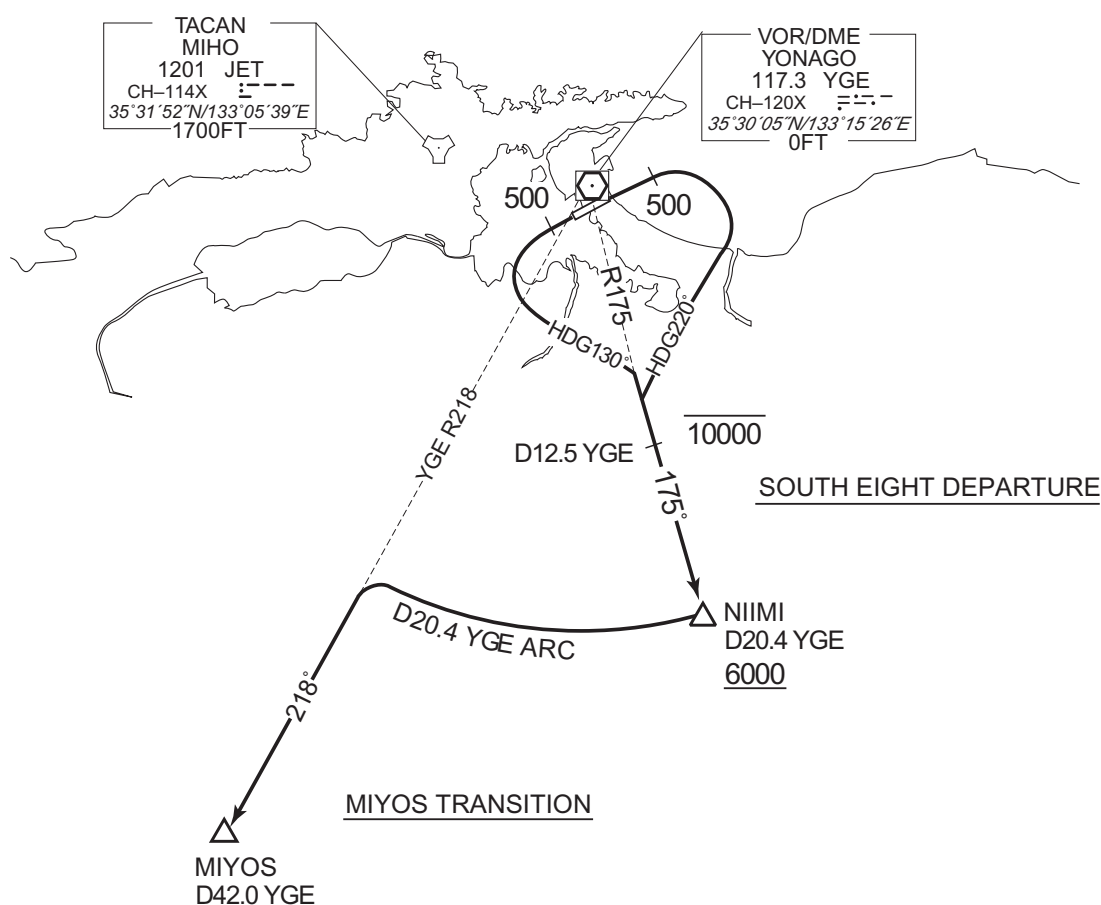
Cross NIIMI at or above 6000FT.

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 : PROC. Note RWY25. YONAGO VOR/DME.



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 (2020)

STAGE TWO DEPARTURE



STAGE TWO DEPARTURE

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 : VAR. PROC renamed. PROC course. Note RWY25(OBST). YONAGO VOR/DME.

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

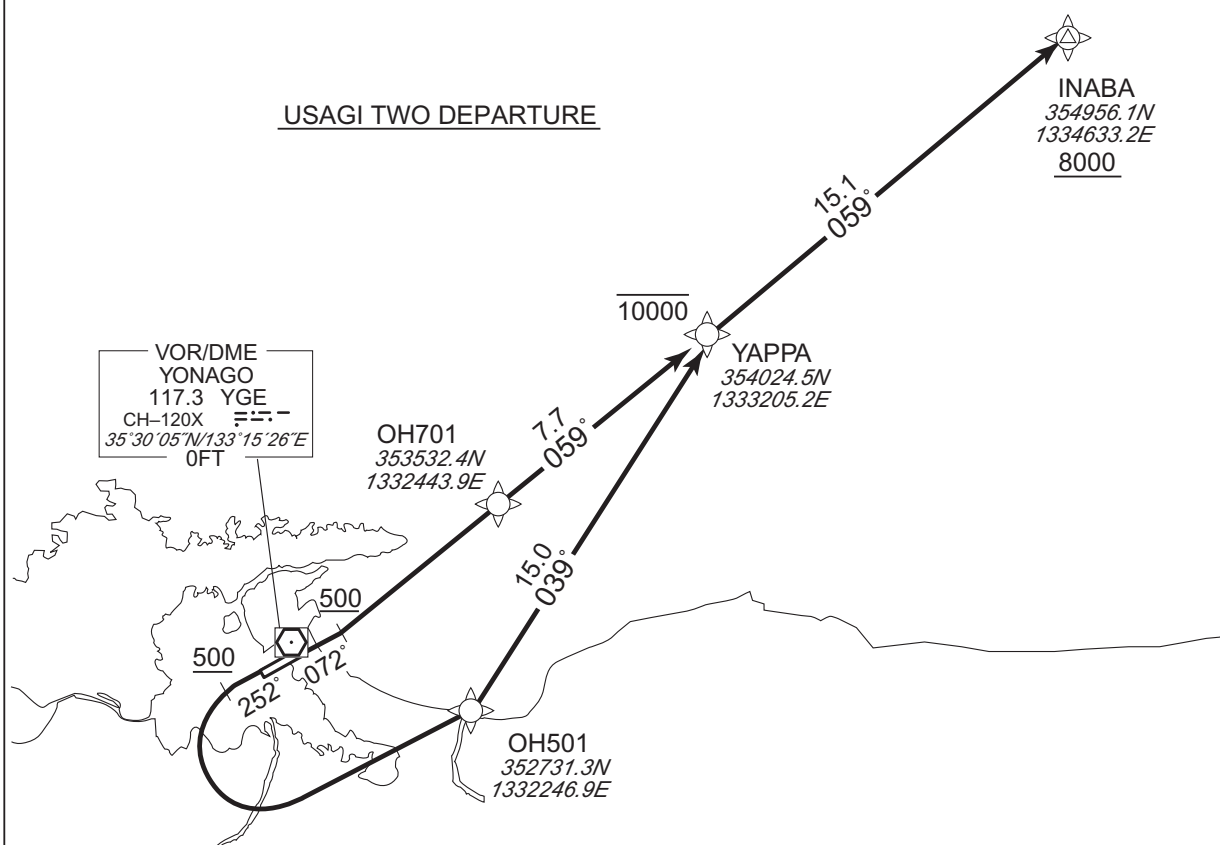
CHANGE : VAR. PROC renamed, PROC course.

CHANGE : VAR. PROC renamed. PROC course. Note RWY25(OBST). YONAGO VOR/DME.

RNAV SID

USAGI 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	RWY25 : JET : 10.0NM to OH501 - 6.0NM to OH501 OIE : 6.0NM to OH501 - 4.0NM to OH501 OH501 - 6.0NM to YAPPA
	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 (2020)



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

RWY25 : Climb on HDG252° at or above 500FT, turn left direct to OH501, to YAPPA at or below 10000FT,
to INABA 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.

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

ALBINO TRANSITION

RNAV1

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

Critical DME

TRE : 42NM to MIYAZU - 40NM to MIYAZU
OKT : 26NM to MIYAZU - 25NM to MIYAZU
STD : 5NM to MIYAZU - 1NM to MIYAZU

DME GAP

—

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W (2020)

INABA
354956.1N
1334633.2E

69.7
115°

VOR/DME
YONAGO
117.3 YGE
CH-120X
35°30'05"N/133°15'26"E
0FT

VOR/DME
MIYAZU
112.6 YME
CH-73X
35°28'50"N/135°08'13"E
2400FT

ALBINO TRANSITION

MIYAZU(YME)
352850.5N
1350813.3E

ALBINO TRANSITION

From INABA, to YME.

ALBINO TRANSITION

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	—	—	—	—	—	RNAV1
002	TF	YME	—	115 (107.2)	-8.3	69.7	—	—	—	—	RNAV1

CHANGE : VAR. YONAGO VOR/DME.

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

KITARO 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

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 Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W (2020)

KITARO TWO DEPARTURE

TACAN
MIHO
1201 JET
CH-114X ---
35°31'52"N/133°05'39"E
1700FT

MIHOU
353152.0N
1330538.1E
8000

OH703
354038.6N
1331939.2E
10000

OH701
353532.4N
1332443.9E

OH501
352731.3N
1332246.9E

VOR/DME
YONAGO
117.3 YGE
CH-120X ---
35°30'05"N/133°15'26"E
0FT

KITARO TWO DEPARTURE

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: VAR. PROC renamed. Course FM OH703 to MIHOU. Note RWY25(OBST). YONAGO VOR/DME.

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.

VAR 8°W (2020)

GAINA WEST ARRIVAL



GAINA WEST ARRIVAL

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

Critical DME	OIE : PEPOS - 32NM to OH561
DME GAP	—
Inappropriate Nav aids	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 : VAR. Course FM PEPOS to OH561. YONAGO VOR/DME.

STANDARD ARRIVAL CHART - INSTRUMENT



STANDARD ARRIVAL CHART - INSTRUMENT

RJOH / MIHO

RNAV STAR RWY07



KYURI WEST ARRIVAL

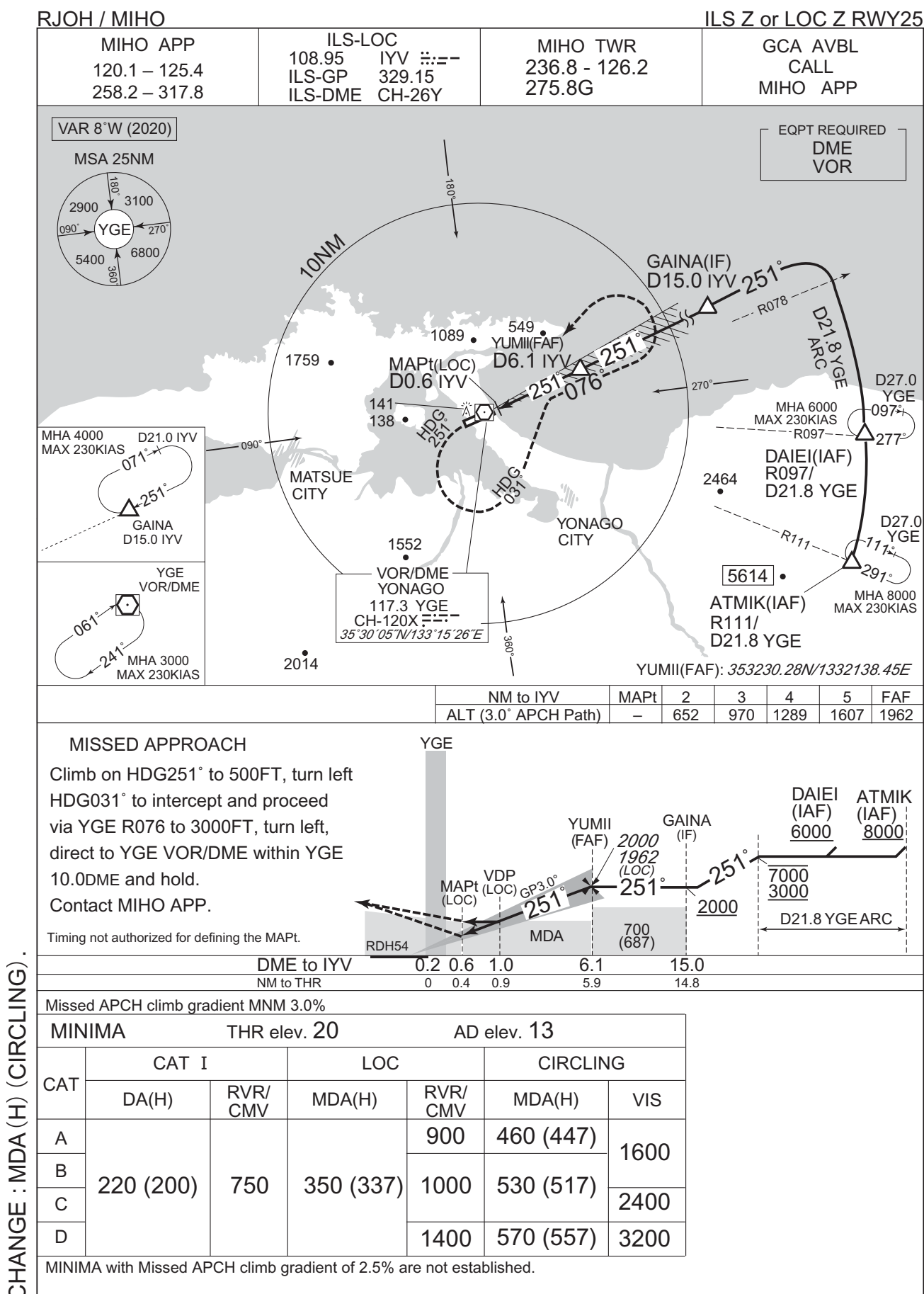
From PEPOS, to OH763 at or above 4000FT, to KYURI at or above 3500FT.

Critical DME	OIE : 3NM to KYURI - 2NM to KYURI
DME GAP	—
Inappropriate Nav aids	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 : VAR, PROC course, HLDG Pattern, Critical DME, YONAGO VOR/DME.

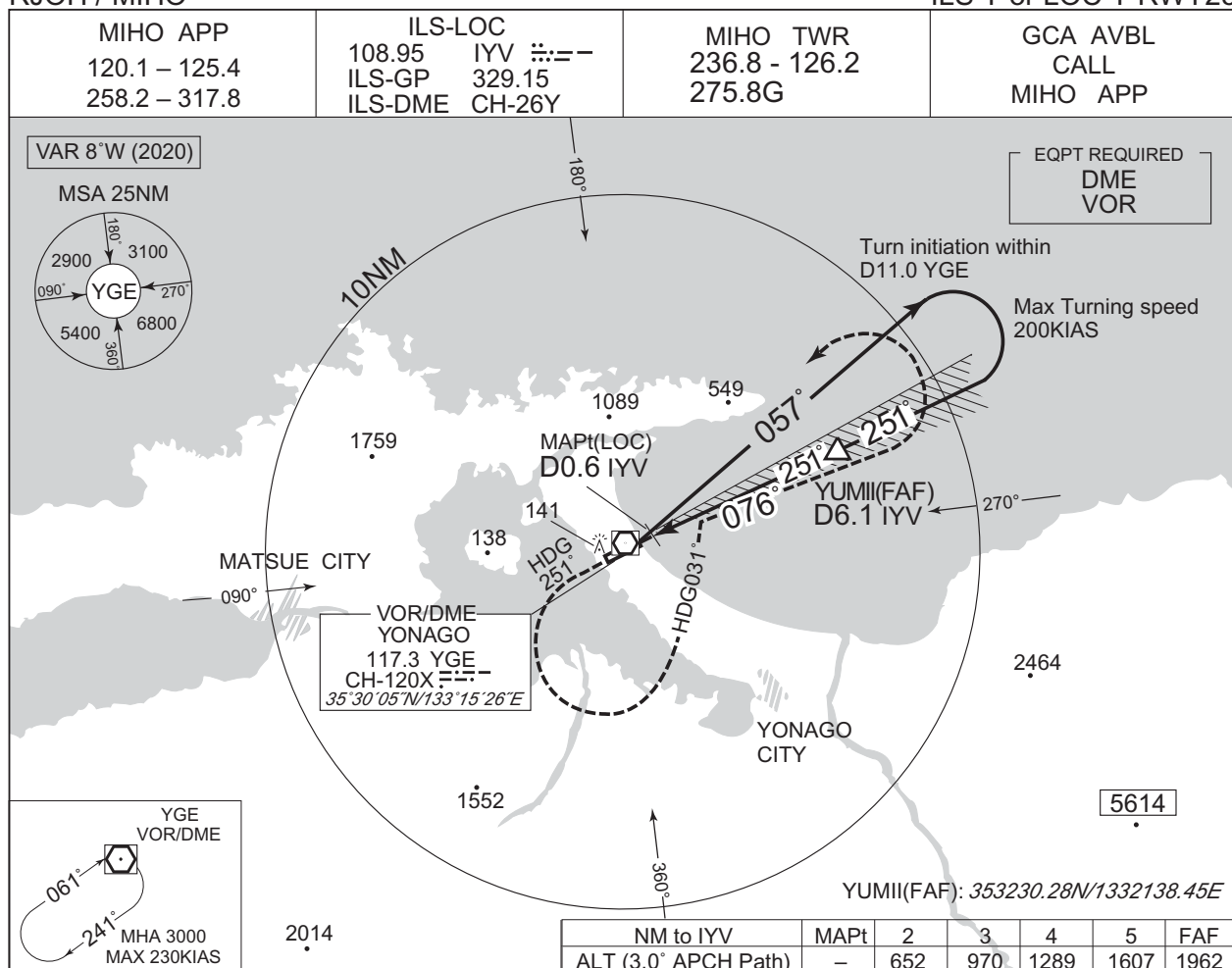
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOH / MIHO

ILS Y or LOC Y RWY25

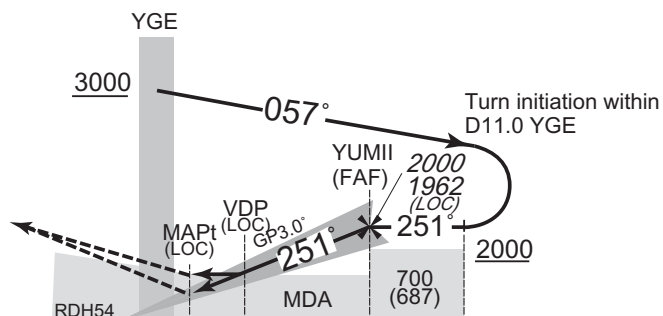


MISSED APPROACH

Climb on HDG251° to 500FT, turn left HDG031° to intercept and proceed via YGE R076 to 3000FT, turn left, direct to YGE VOR/DME within YGE 10.0DME and hold.

Contact MIHO APP.

Timing not authorized for defining the MAPt.



DME to IYV

NM to THR

0.2 0.6 1.0 6.1

0 0.4 0.9 5.9

Missed APCH climb gradient MNM 3.0%

MINIMA		THR elev. 20		AD elev. 13		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	220 (200)	750	350 (337)	900	460 (447)	1600
B				1000	530 (517)	
C				1400	570 (557)	2400
D						3200

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

CHANGE : MDA (H) (CIRCLING)

RJOH / MIHO

ILS X or LOC X RWY25

The chart displays the following information:

- Main Chart Area:** A circular area representing the airport's vicinity, with a radius of 10NM. It shows the coastline of Japan, including Matsue City and Yonago City.
- VOR/DME YONAGO:** Located at 35°30'05"N / 133°15'26"E. Frequency: 117.3 MHz. Channel: CH-120X. Elevation: 1759 feet.
- D22.0 YGE:** DME arc centered on Yonago VOR/DME.
- MHA 3000 MAX 230KIAS:** Maximum altitude 3000 feet, maximum speed 230 knots.
- Navigation Aids:**
 - SEKYYY(IAF) R048/D15.9 YGE:** Initial Approach Fix (IAF) for the SEK route, located 15.9 NM from Yonago VOR/DME along the R048 arc.
 - GAINA(IF) D15.0 IYV:** Intermediate Fix (IF) for the GAINA route, located 15.0 NM from Yonago VOR/DME.
 - YUMII(FAF) D6.1 IYV:** Final Approach Fix (FAF) for the YUMII route, located 6.1 NM from Yonago VOR/DME.
- Flight Paths:**
 - MAPt(LOC) D0.6 IYV:** Map of the approach path, showing the final descent to the runway.
 - Hdg 251°:** Heading for the MAPt(LOC).
 - Hdg 031°:** Heading for the YUMII(FAF).
 - Hdg 076°:** Heading for the GAINA(IF).
- Other Information:**
 - VAR 8°W (2020):** Magnetic variation is 8 degrees West as of 2020.
 - MSA 25NM:** Minimum Safe Altitude (MSA) is 25 NM.
 - EQPT REQUIRED DME VOR:** Equipment required for DME and VOR signals.
 - YONAGO CITY:** Located near the airport.
 - MATSUE CITY:** Located to the west of the airport.
 - YUMII(FAF): 353230.28N/1332138.45E:** Coordinates for the YUMII FAF.

Climb on HDG251° to 500FT, turn left
HDG031° to intercept and proceed
via YGE R076 to 3000FT, turn left,
direct to YGE VOR/DME within YGE
10.0DME and hold.
Contact MIHO APP.

Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 3.0%

MINIMA		THR elev. 20		AD elev. 13		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	220 (200)	750	350 (337)	900	460 (447)	1600
B				1000	530 (517)	
C						3200
D						

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

CHANGE : MDA (H) (CIRCLING).

INSTRUMENT APPROACH CHART

RJOH / MIHO

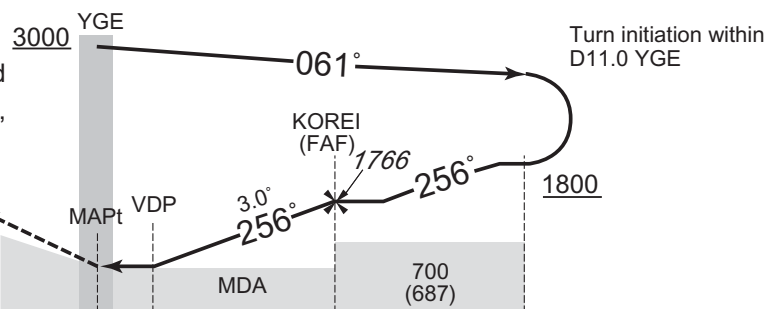
VOR RWY25



MISSED APPROACH

Turn left HDG031° to intercept and proceed via YGE R076 to 3000FT, turn left, direct to YGE VOR/DME within YGE 10.0DME and hold. Contact MIHO APP.

Timing not authorized for defining the MAPt.



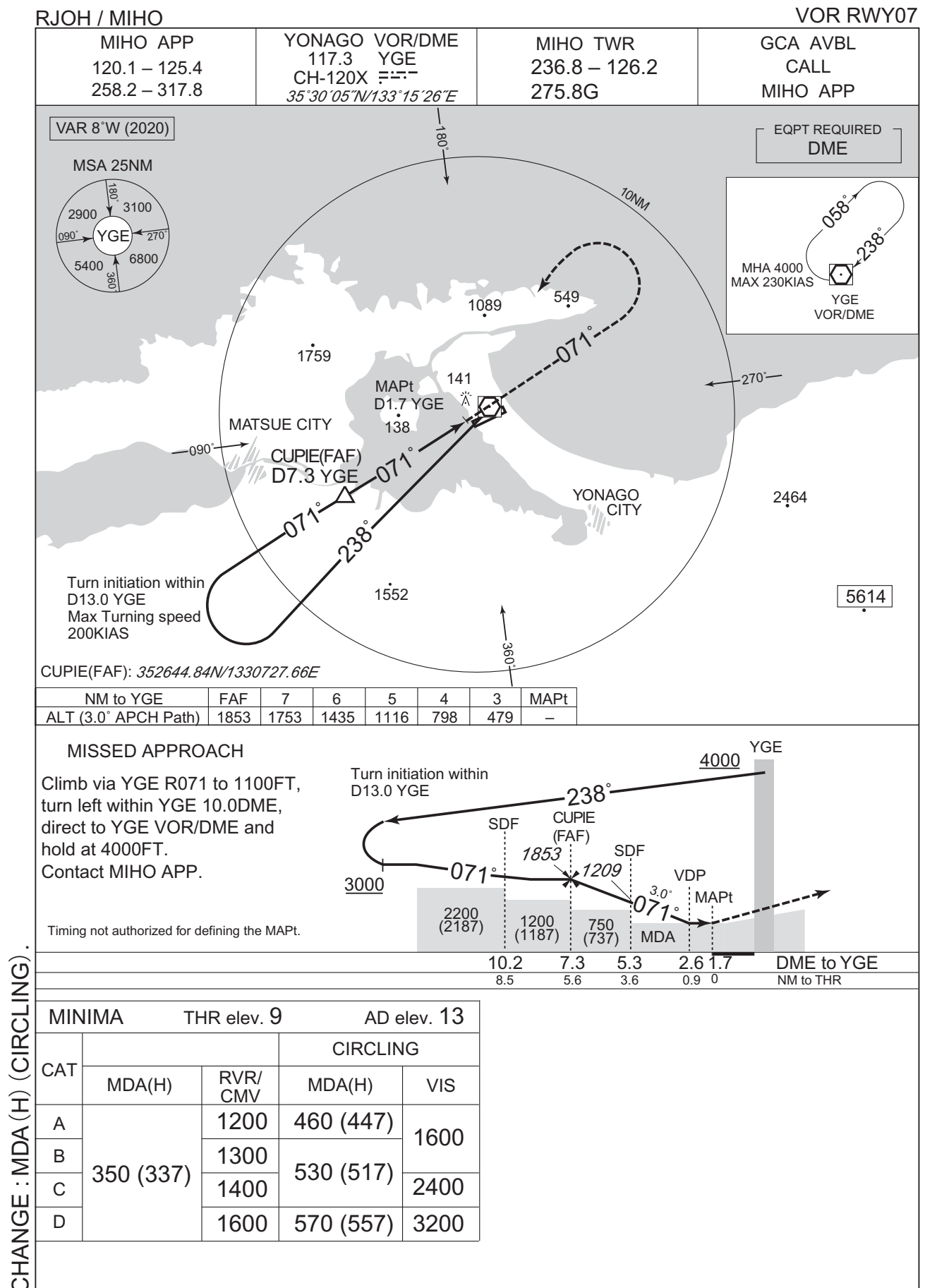
DME to/from YGE	0.3	0	0.8	5.0
NM to THR	0	0.3	1.1	5.3

MINIMA	THR elev. 20	AD elev. 13
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CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	420 (407)	900	460 (447)	1600
B		1000	530 (517)	
C				2400
D		1400	570 (557)	3200

CHANGE : MDA (H) (CIRCLING).

INSTRUMENT APPROACH CHART

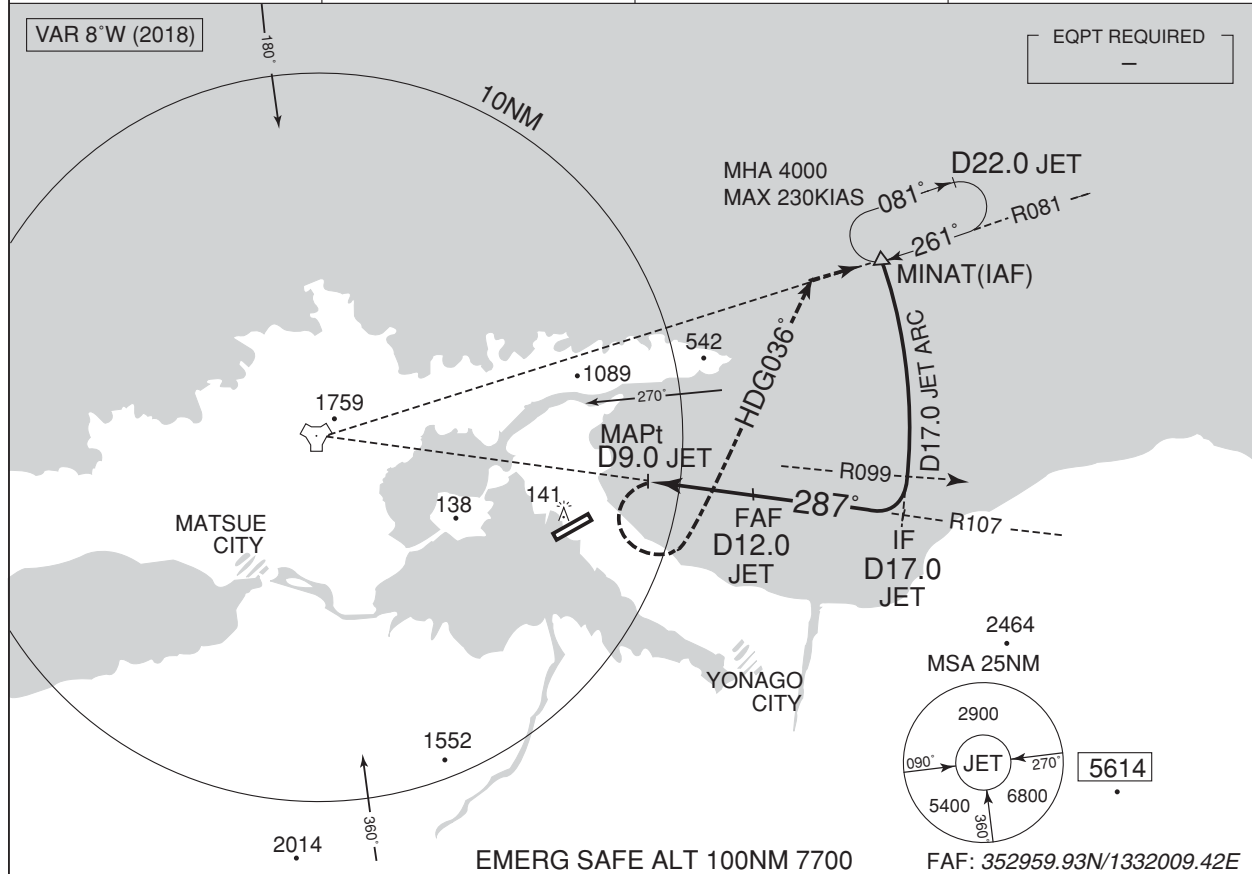


INSTRUMENT APPROACH CHART

RJOH / MIHO

TACAN A

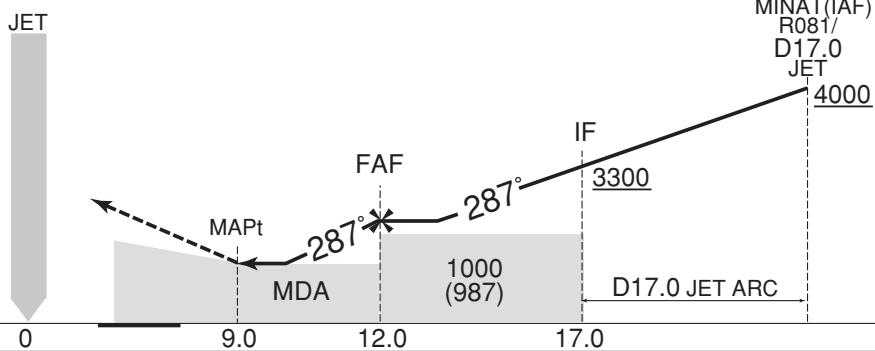
MIHO APP 120.1 – 125.4 258.2 – 317.8	MIHO TACAN 1201 JET CH-114X 35°31'52"N/133°05'39"E	MIHO TWR 236.8 - 126.2 275.8G	GCA AVBL CALL MIHO APP
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MISSED APPROACH

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		
C		2400
D		3200

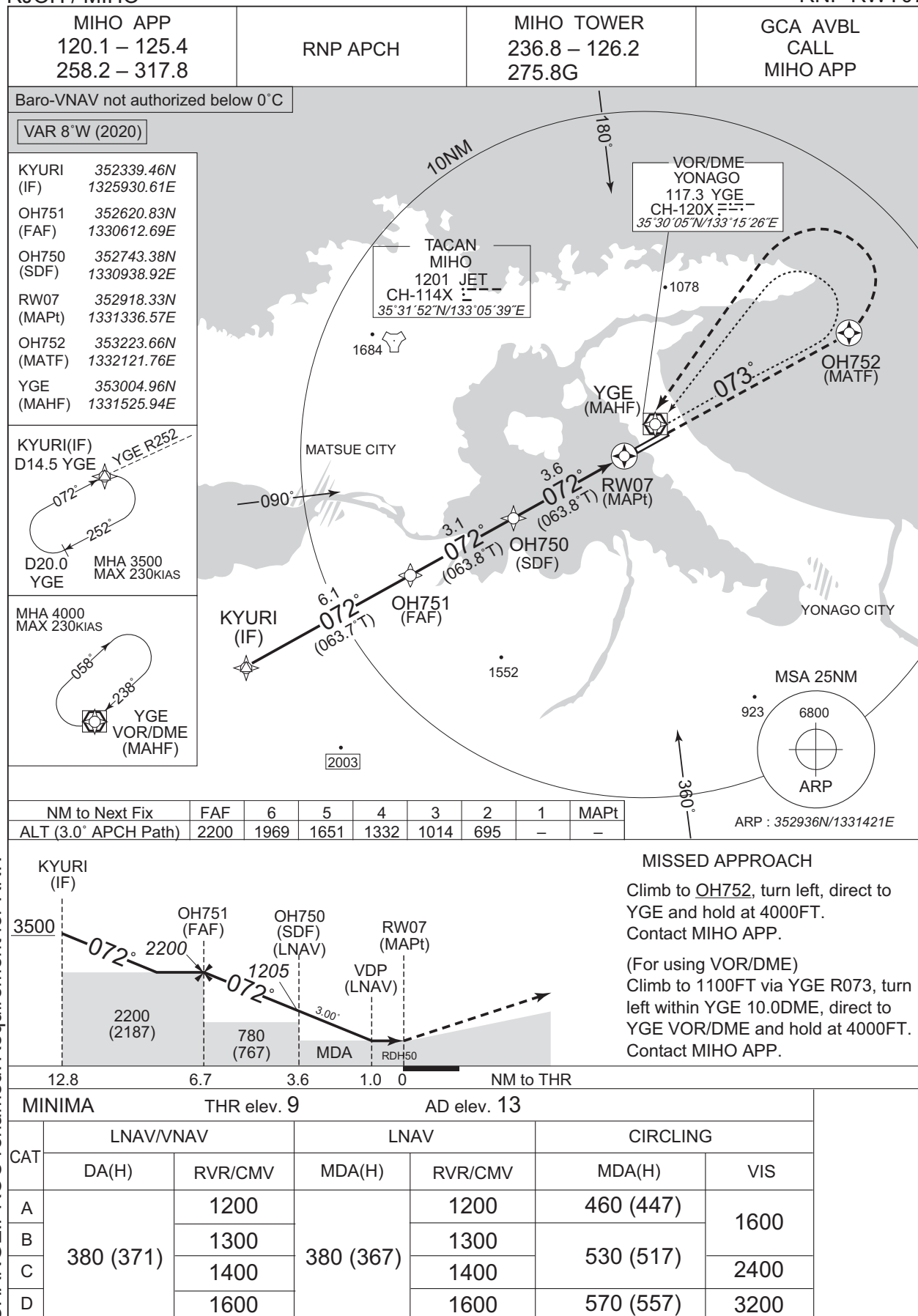
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : VAR, MIHO TACAN(JET)

INSTRUMENT APPROACH CHART

RJOH / MIHO

RNP RWY07



CHANGE:PROC renamed. Requirement for RNP.

RJOH / MIHO

Minimum Vectoring Altitude CHART

