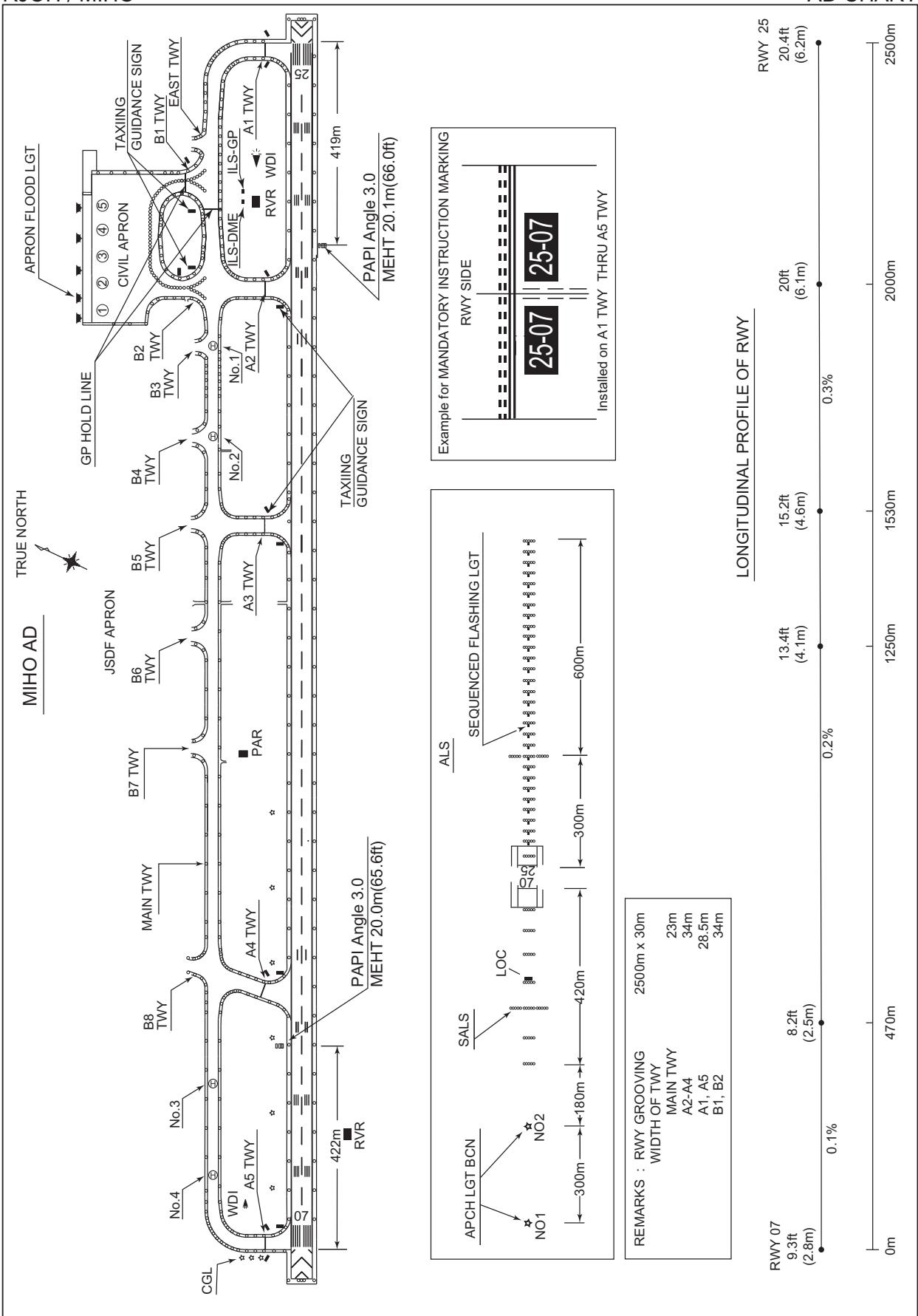


RJOH / MIHO

AD CHART

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, ...**

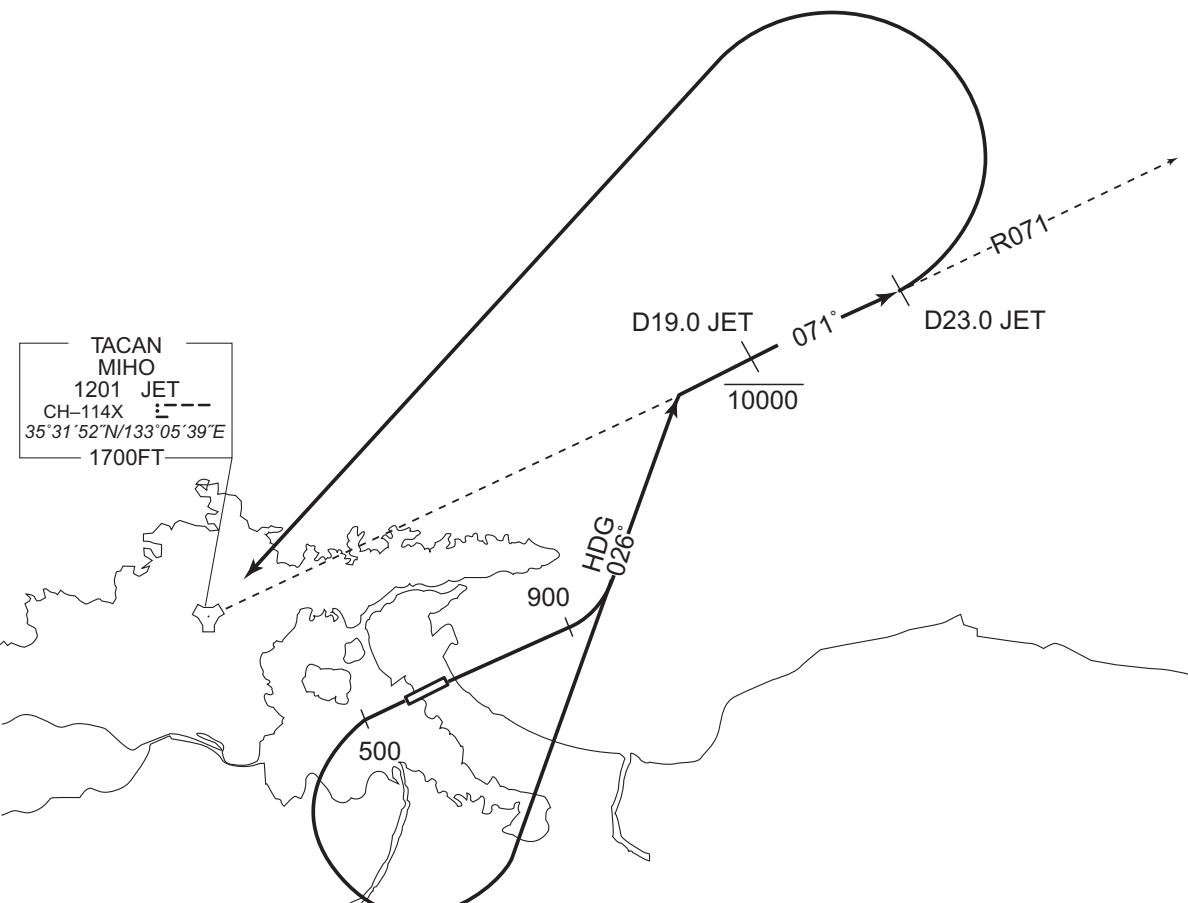
...turn left HDG026° to intercept and proceed via JET R071 to JET 23.0DME, turn left direct to JET TACAN.

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° ...

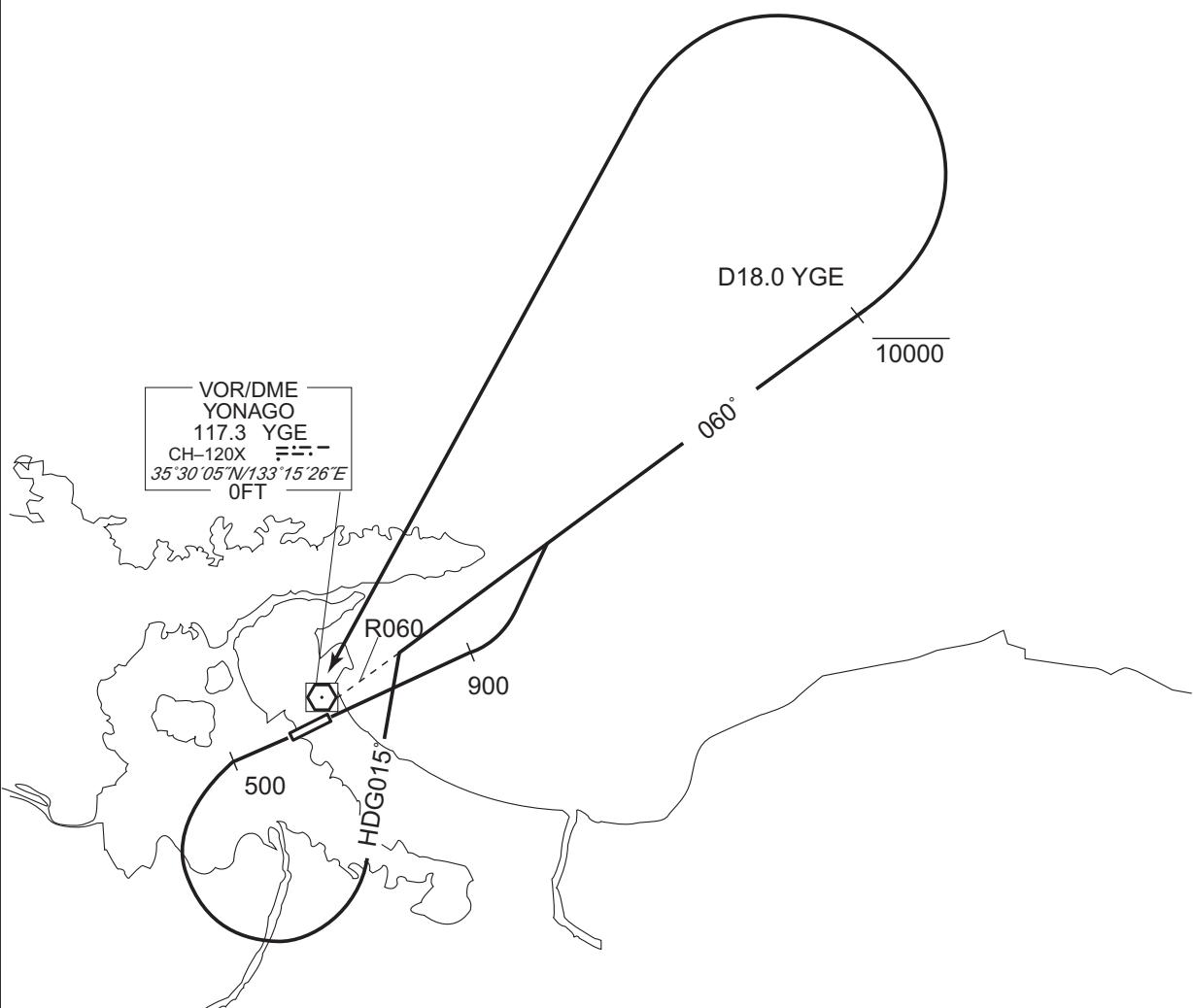
... to intercept and proceed via YGE R060 to YGE 18.0DME, turn left direct to YGE VOR/DME.

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.

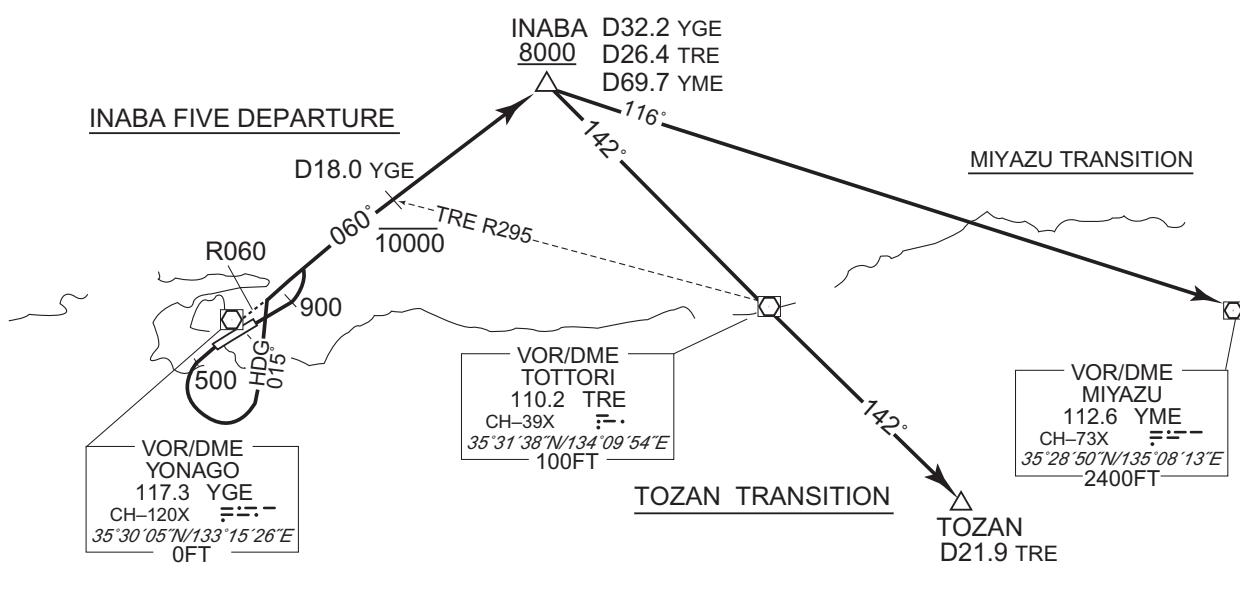
TOZAN TRANSITION

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 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.

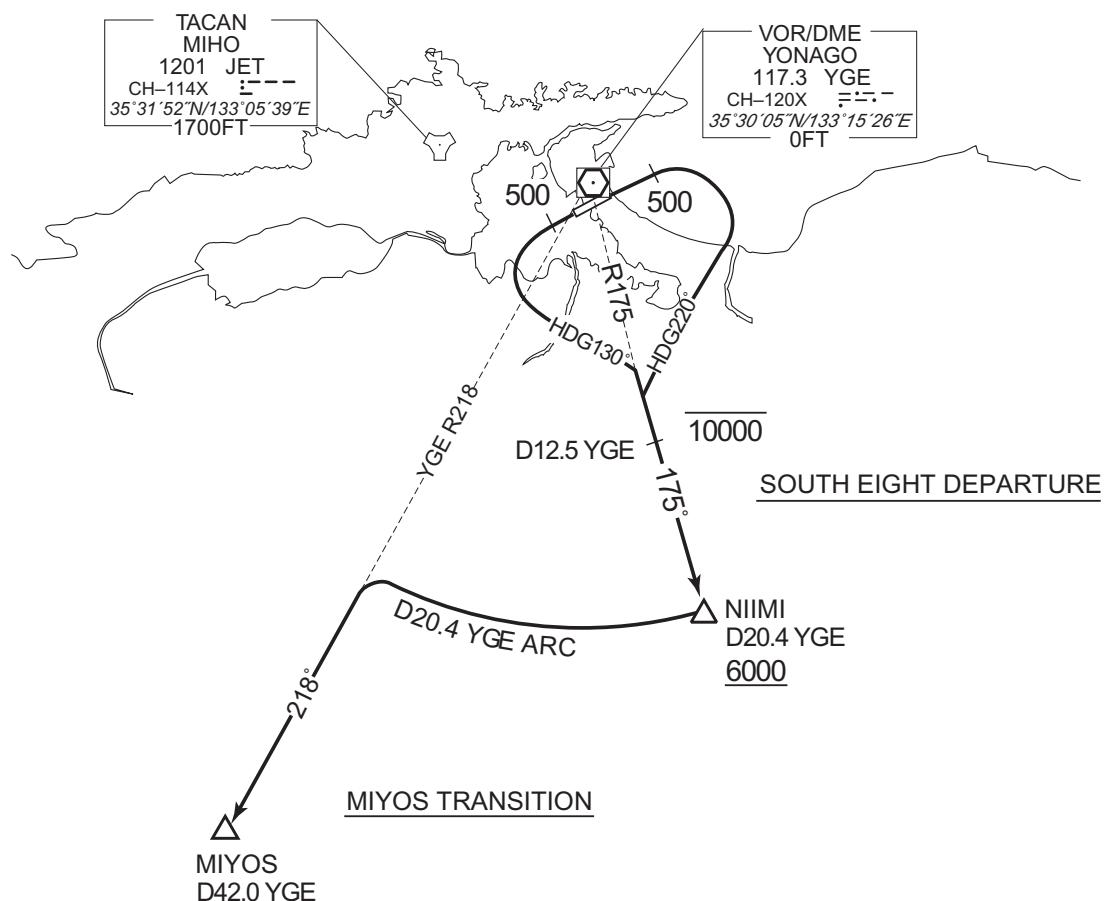
Note RWY25 : 5.0% climb gradient required up to 700FT.

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 ...

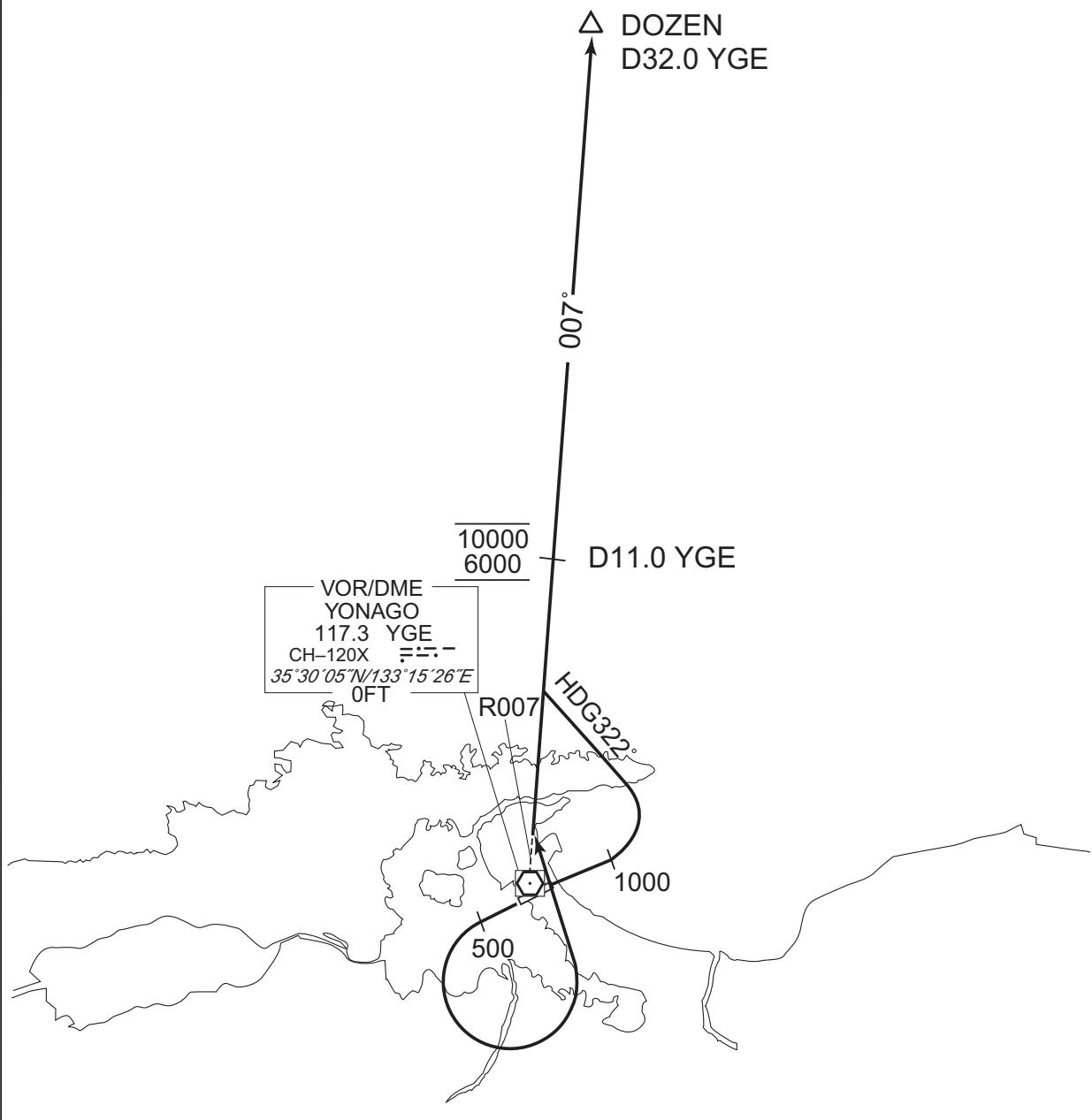
... to intercept and proceed via YGE R007 to DOZEN.

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 : Description of PROC name.



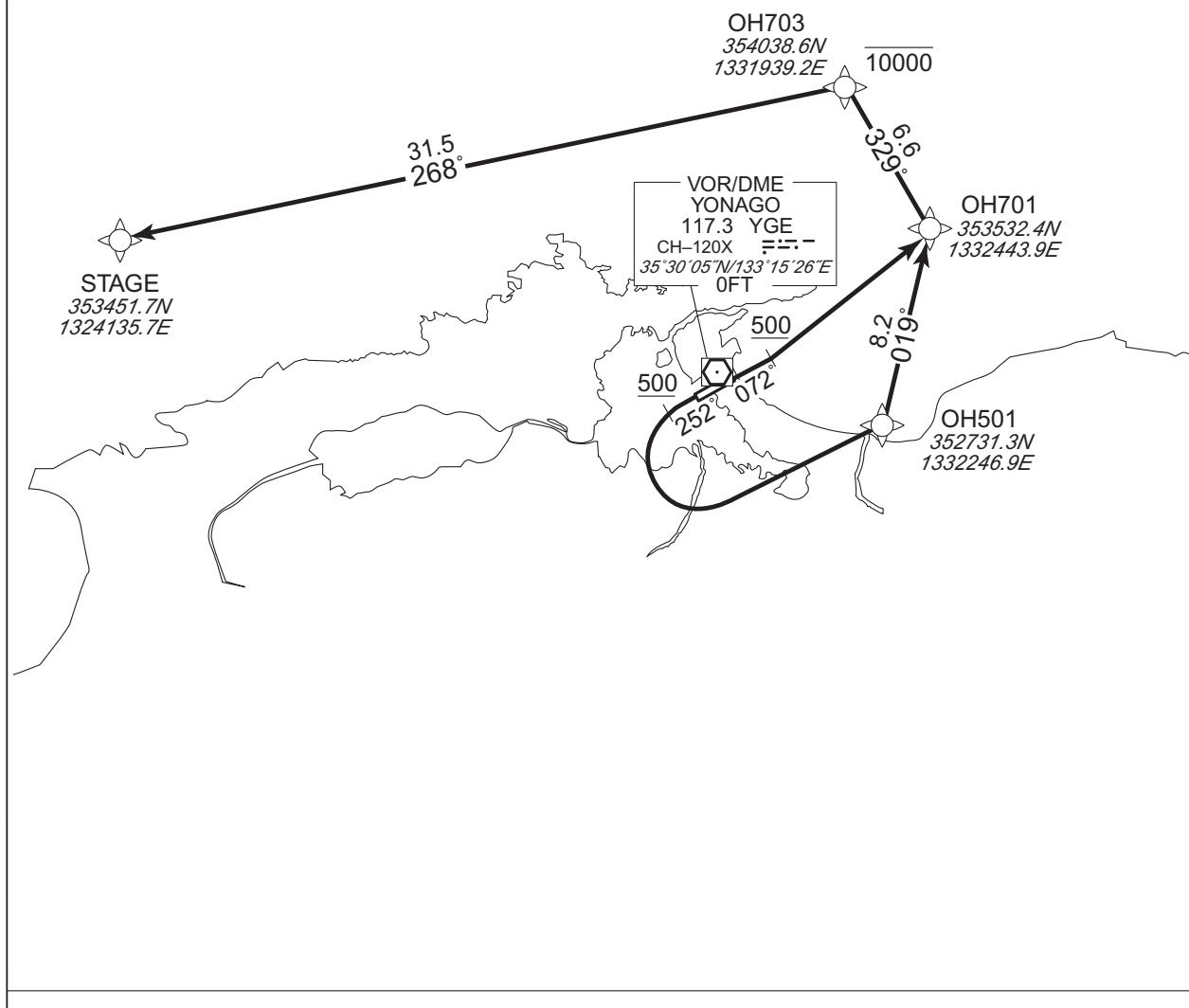
## STANDARD DEPARTURE CHART - INSTRUMENT

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



CHANGE : Description of VAR and PROC name.

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.

## 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.

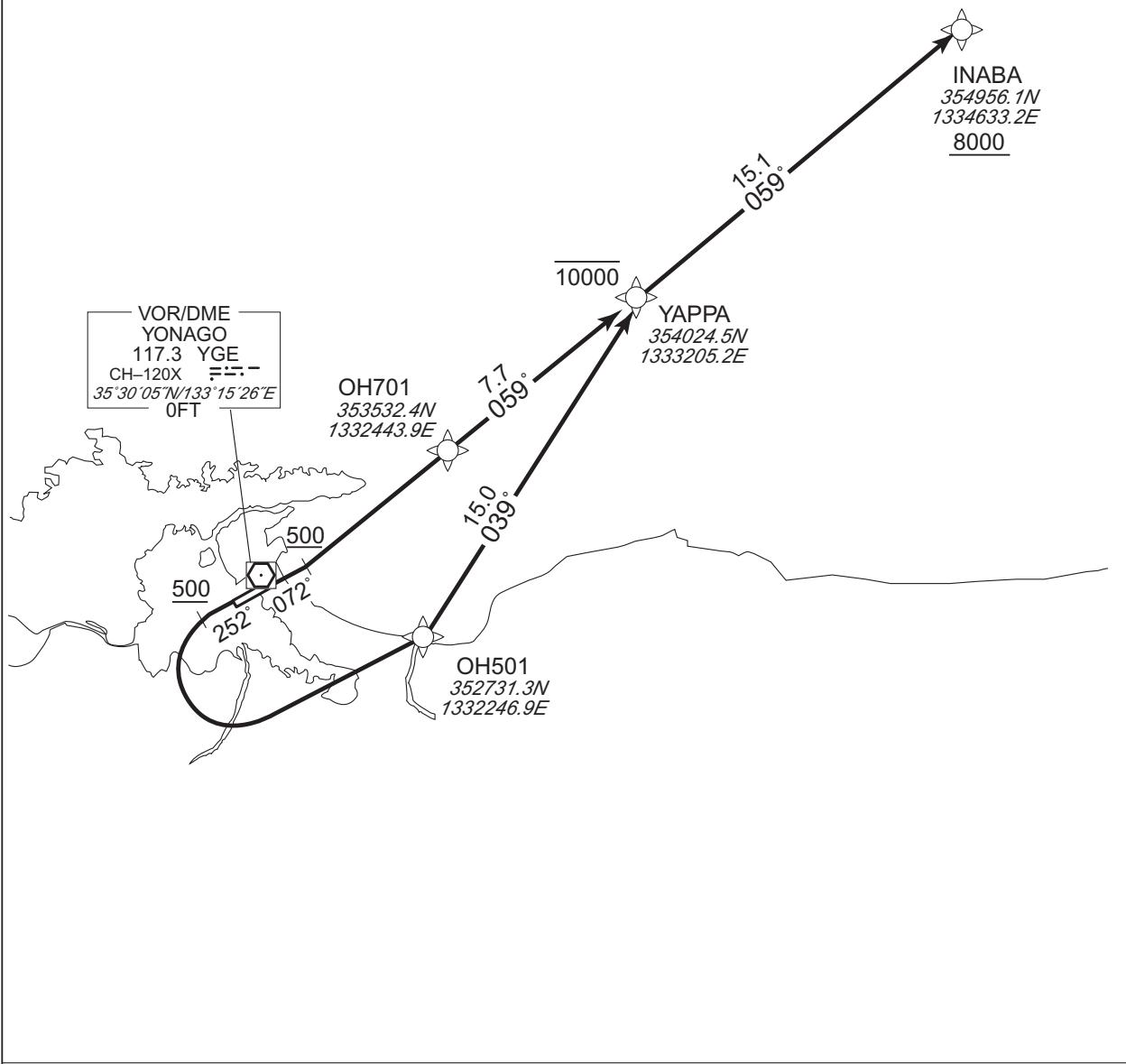
## STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

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.	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
2 ) RADAR service required.	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



CHANGE : Description of VAR and PROC name.

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

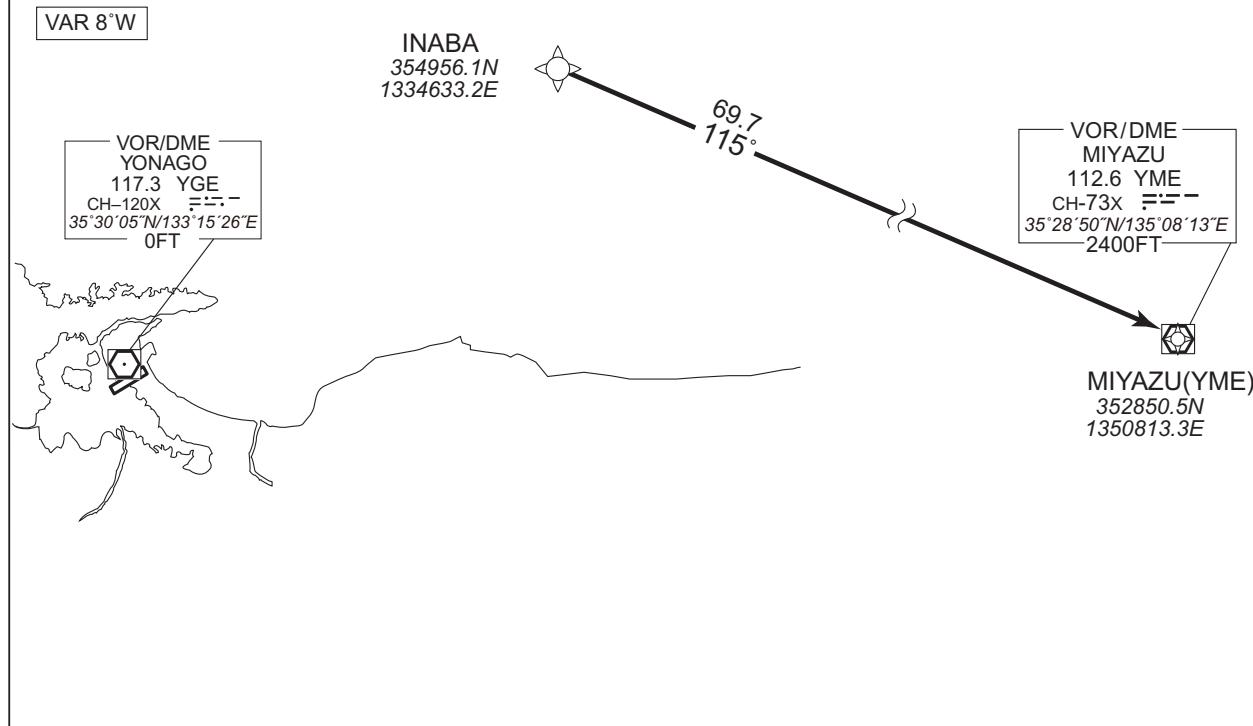
CHANGE : VAR. PROC renamed.PROC course.

## 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 : 42.0NM to YME - 40.0NM to YME STD : 5.0NM to YME - 1.0NM to YME
	DME GAP	26.0NM to YME - 25.0NM to YME
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1



From INABA, to YME.

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 : Critical DME, DME GAP

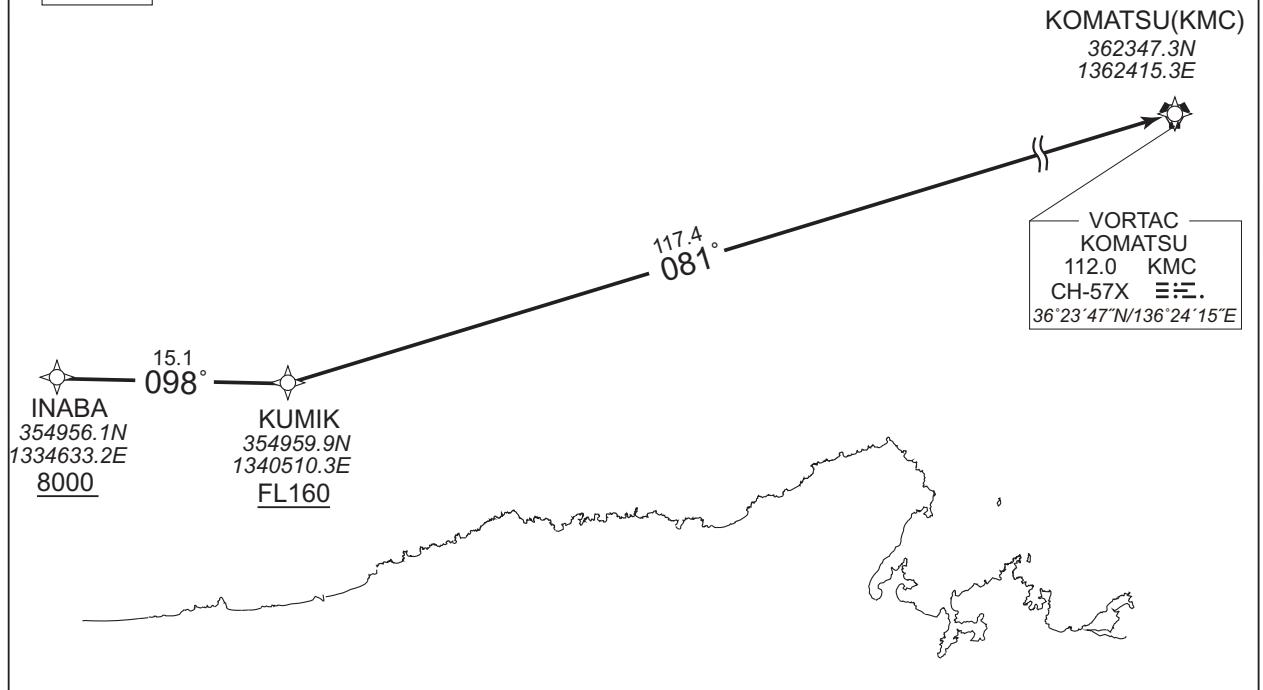
## STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV TRANSITION

KOMATSU TRANSITION		RNAV1
NOTE 1 ) DME/DME/IRU or GNSS required. 2 ) RADAR service required.	Critical DME	—
	DME GAP	—
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W



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.

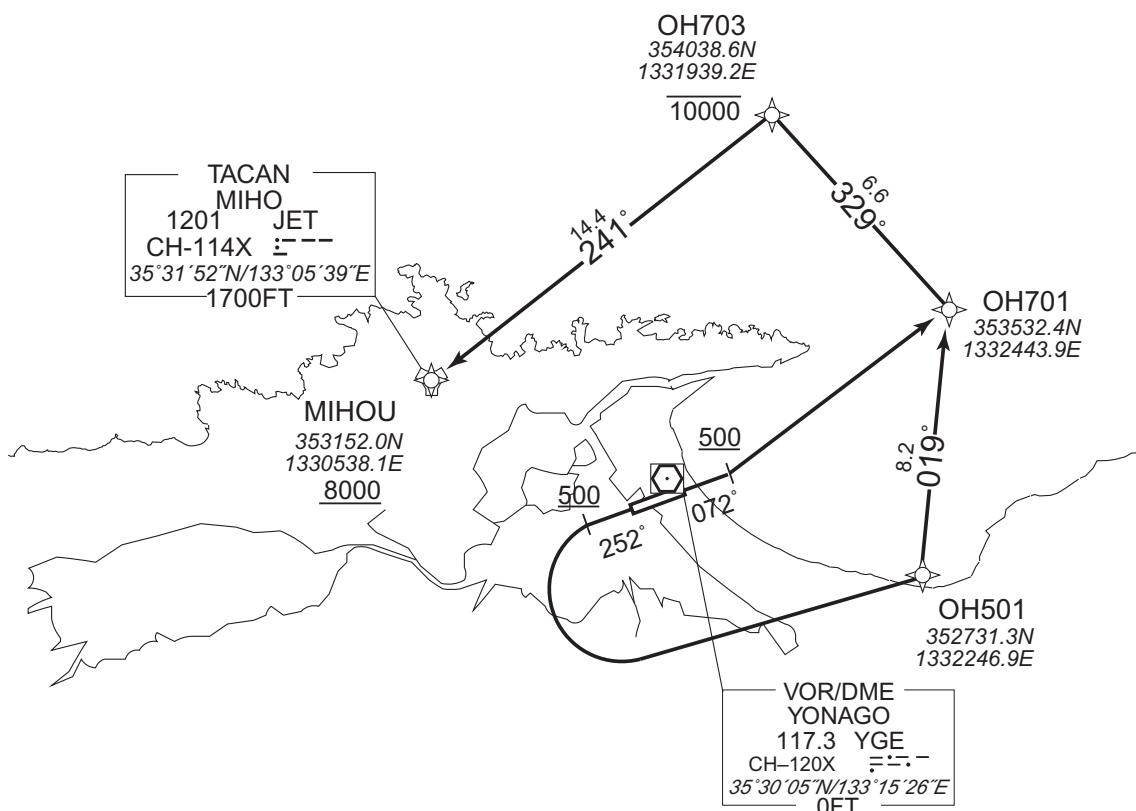
## STANDARD DEPARTURE CHART - INSTRUMENT

RJOH / MIHO

RNAV SID

KITARO 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



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

RJOH / MIHO

## RNAV STAR RWY25

## GAINA EAST ARRIVAL

## RNAV1

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

2 ) RADAR service required.

VAR 8°W

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

GAINA  
353623.5N  
1333126.6E

4000

327

RAKDA  
353110.1N  
1333824.3E

From RAKDA, to GAINA at or above 4000FT.

Critical DME	OIE : RAKDA - 5.7NM to GAINA 3.7NM to GAINA - 1.7NM to GAINA
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	RAKDA	—	—	-8.3	—	—	—	—	—	RNAV1
002	TF	GAINA	—	321 (312.7)	-8.3	7.7	—	+4000	—	—	RNAV1

CHANGE : HLDG pattern abolished.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJOH / MIHO

RNAV STAR RWY25

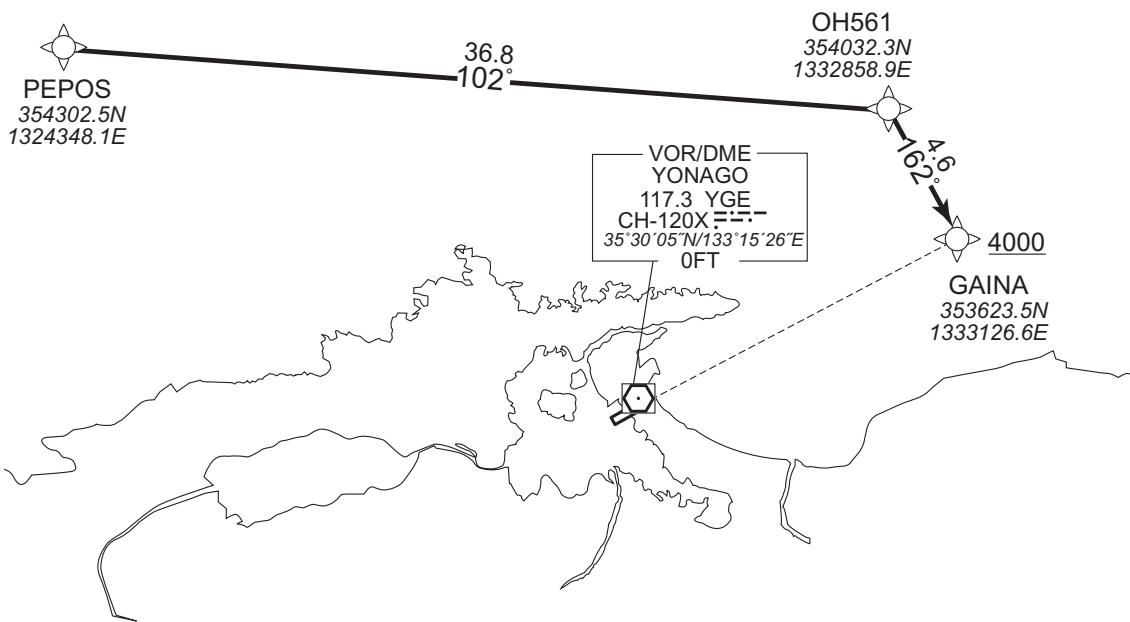
## GAINA WEST ARRIVAL

RNAV1

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

2) RADAR service required.

VAR 8°W



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

CHANGE : HLDG pattern abolished.

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

## STANDARD ARRIVAL CHART - INSTRUMENT

RJOH / MIHO

RNAV STAR RWY07

## KYURI EAST ARRIVAL

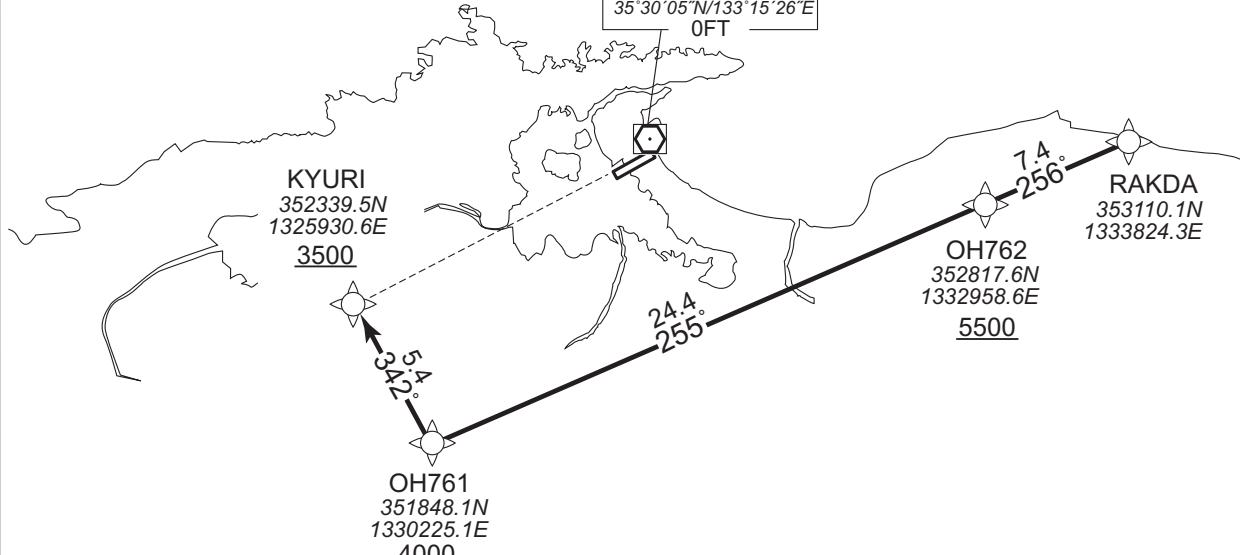
RNAV1

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

2) RADAR service required.

VAR 8°W

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



From RAKDA, to OH762 at or above 5500FT, to OH761 at or above 4000FT, to KYURI at or above 3500FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

CHANGE : HLDG pattern abolished.

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	RAKDA	—	—	-8.3	—	—	—	—	—	RNAV1
002	TF	OH762	—	256 (247.3)	-8.3	7.4	—	+5500	—	—	RNAV1
003	TF	OH761	—	255 (247.2)	-8.3	24.4	—	+4000	—	—	RNAV1
004	TF	KYURI	—	342 (334.0)	-8.3	5.4	—	+3500	—	—	RNAV1

## STANDARD ARRIVAL CHART - INSTRUMENT

RJOH / MIHO

RNAV STAR RWY07

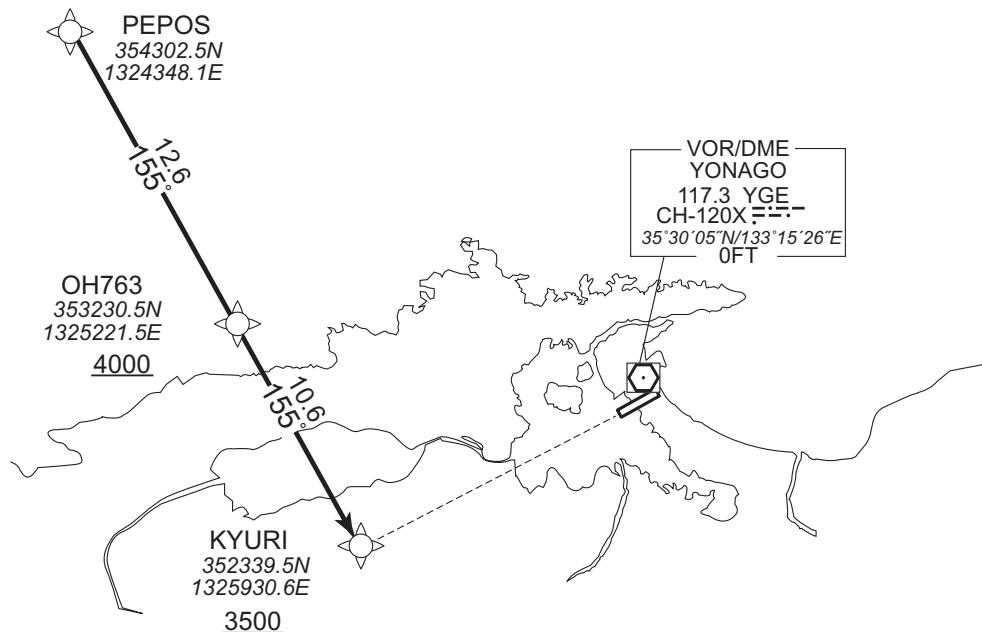
## KYURI WEST ARRIVAL

RNAV1

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

2) RADAR service required.

VAR 8°W



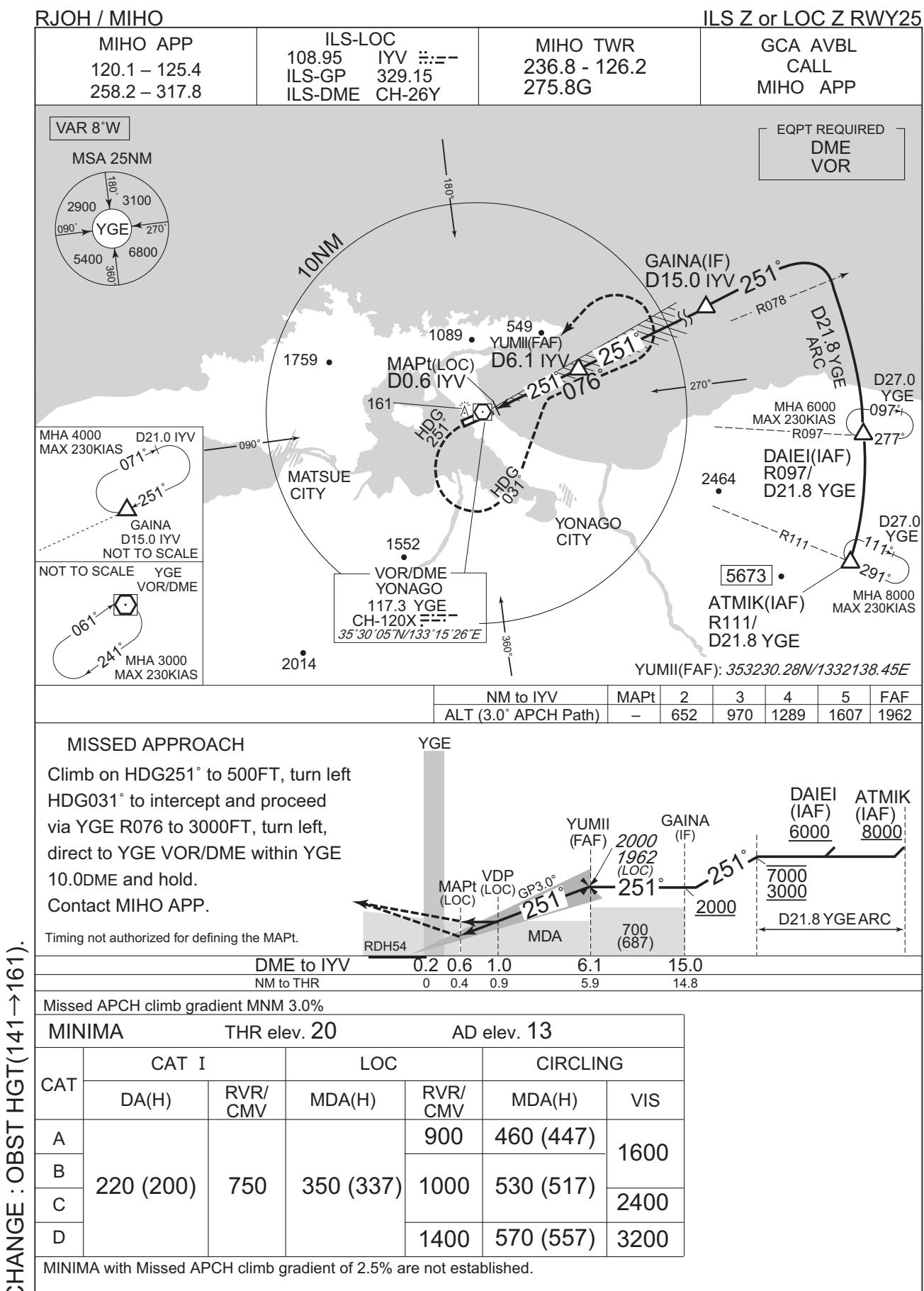
From PEPOS, to OH763 at or above 4000FT, to KYURI at or above 3500FT.

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

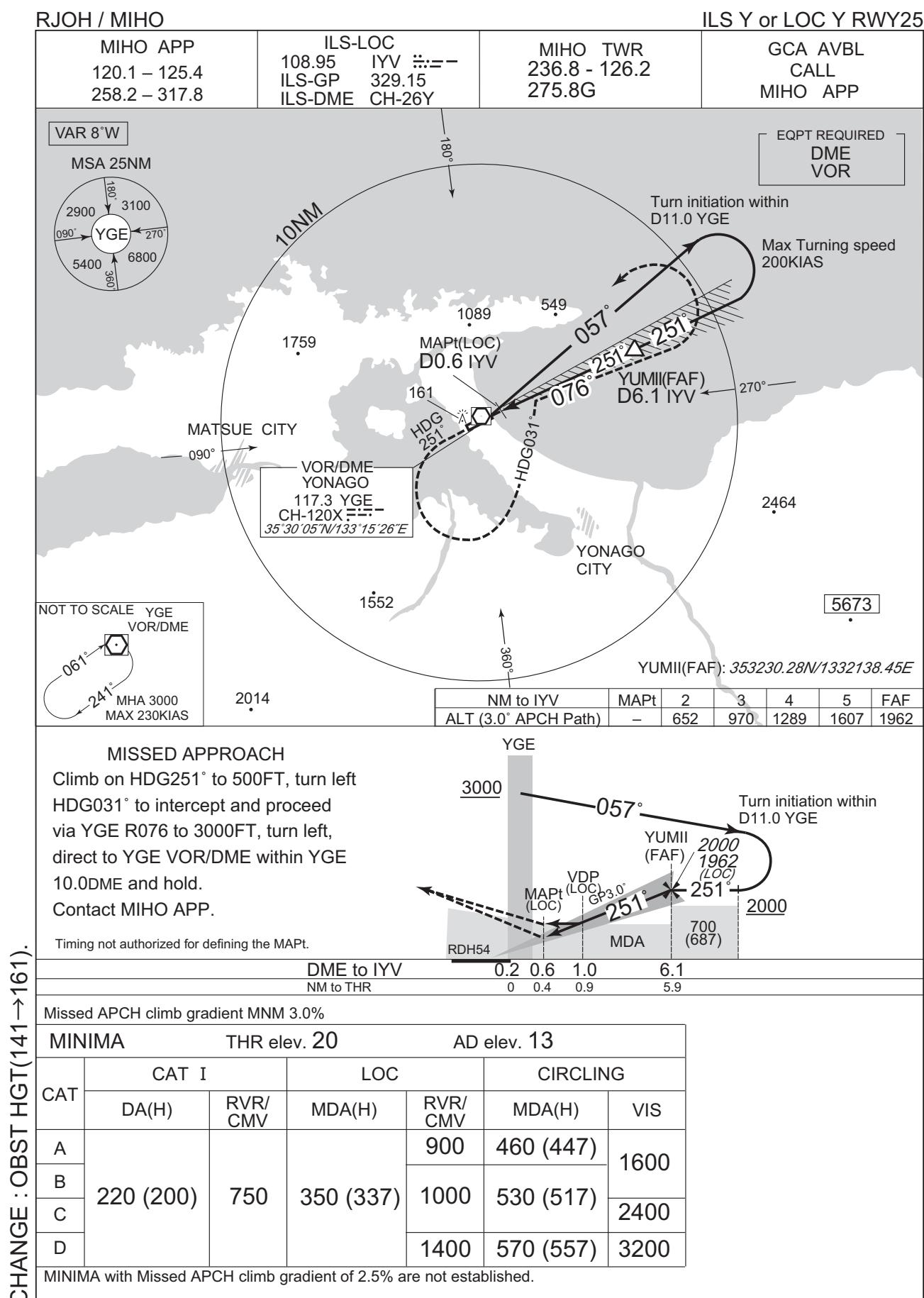
CHANGE : HLDG pattern abolished

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

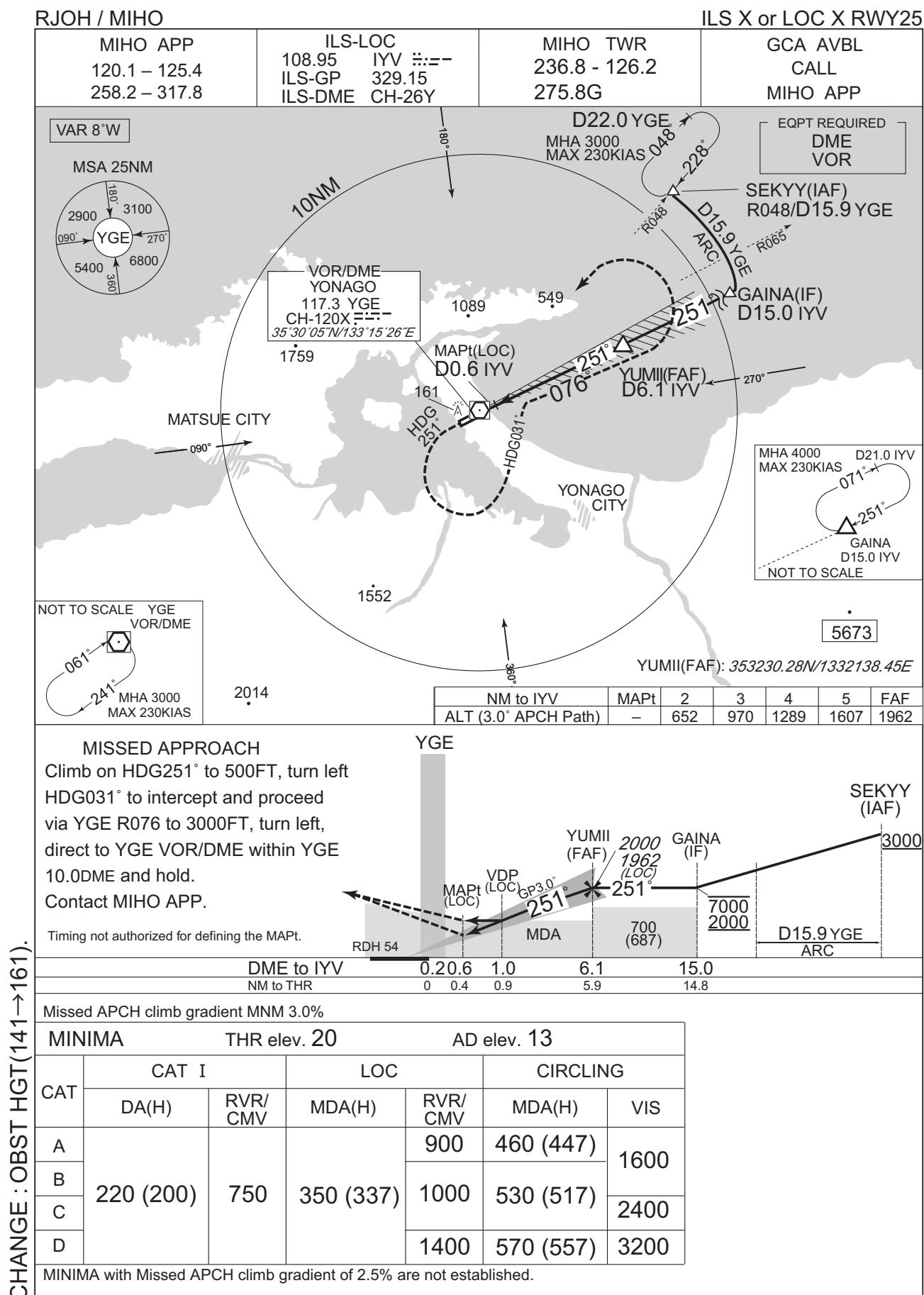
## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

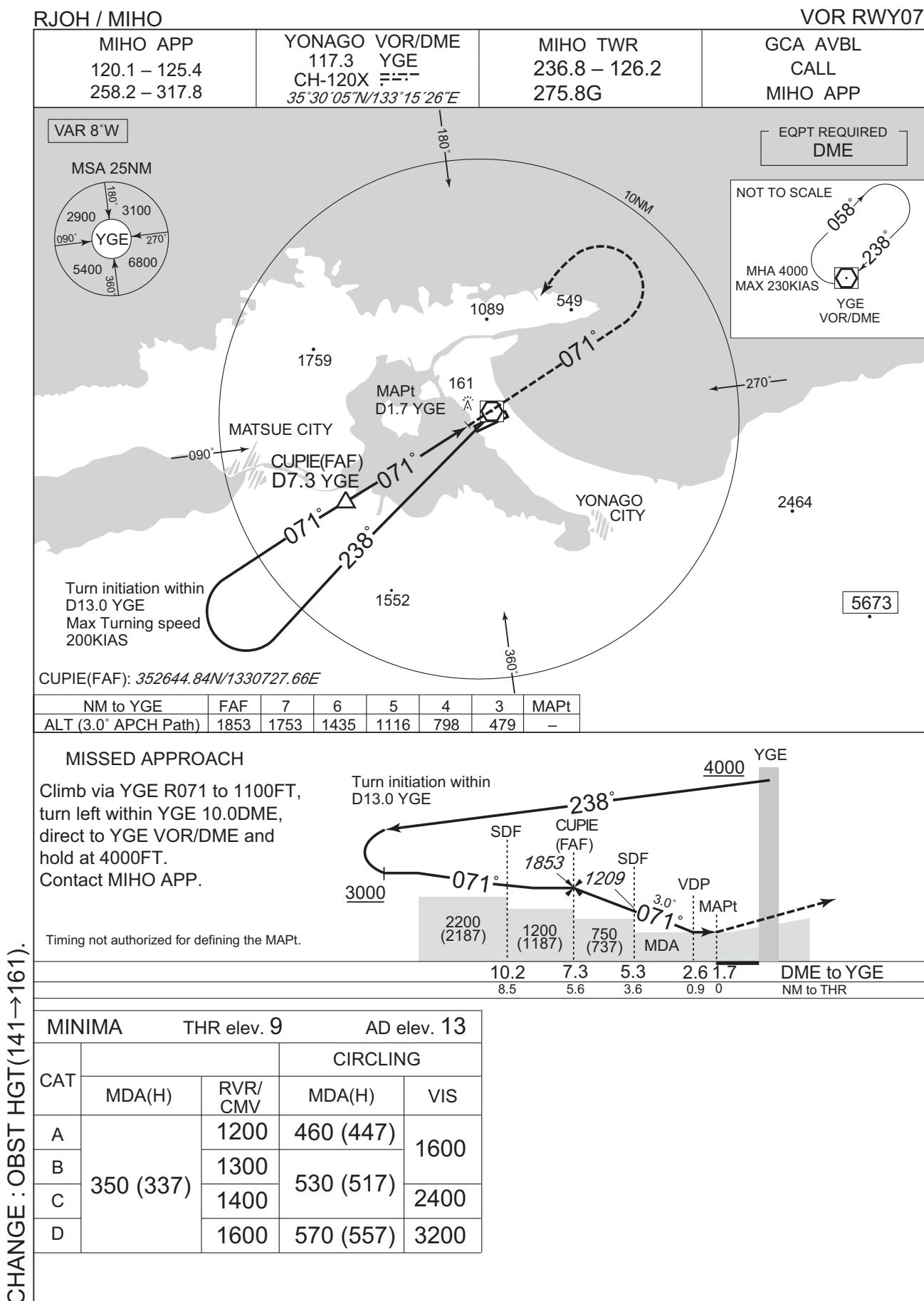


## INSTRUMENT APPROACH CHART





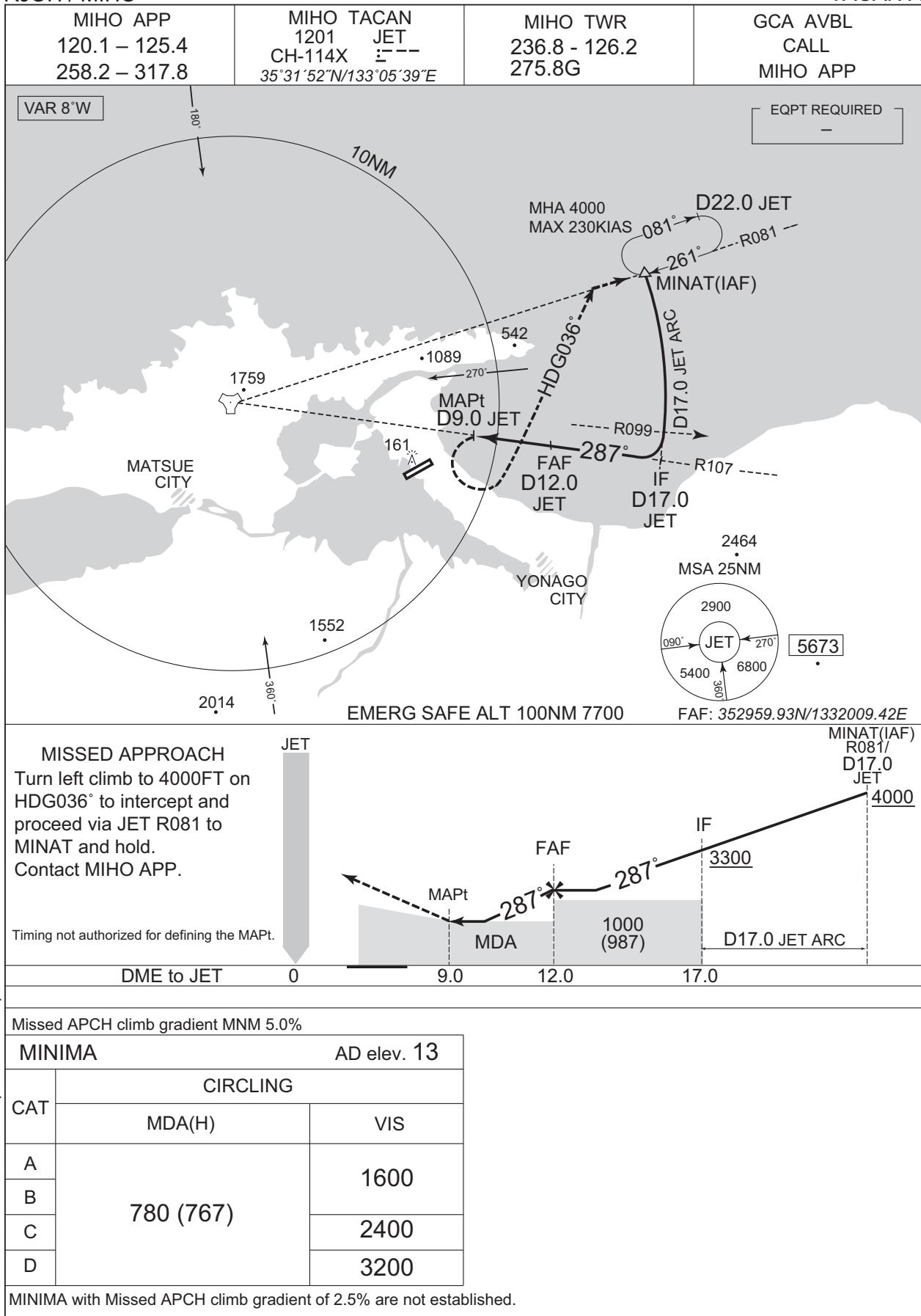
## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

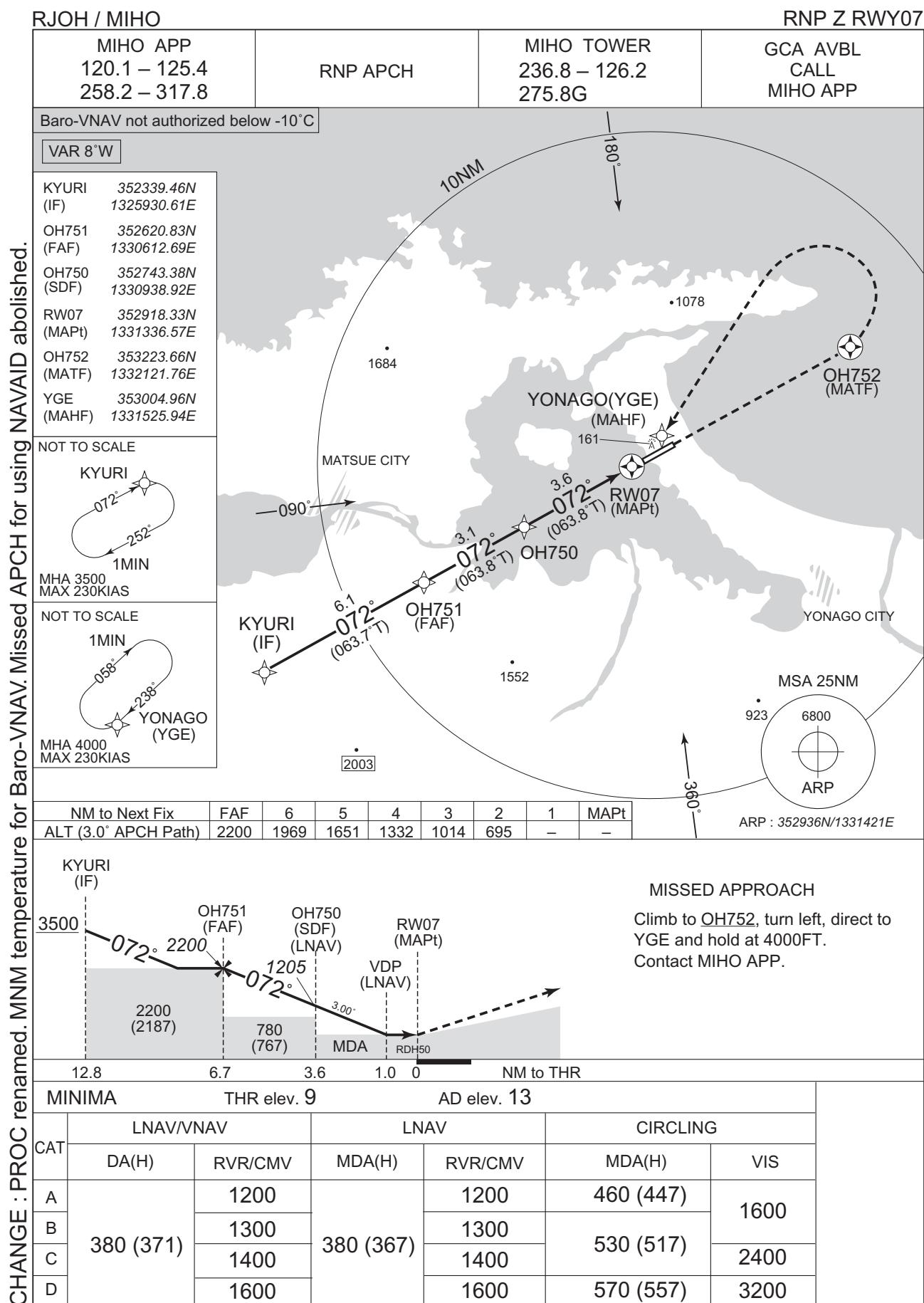
RJOH / MIHO

TACAN A



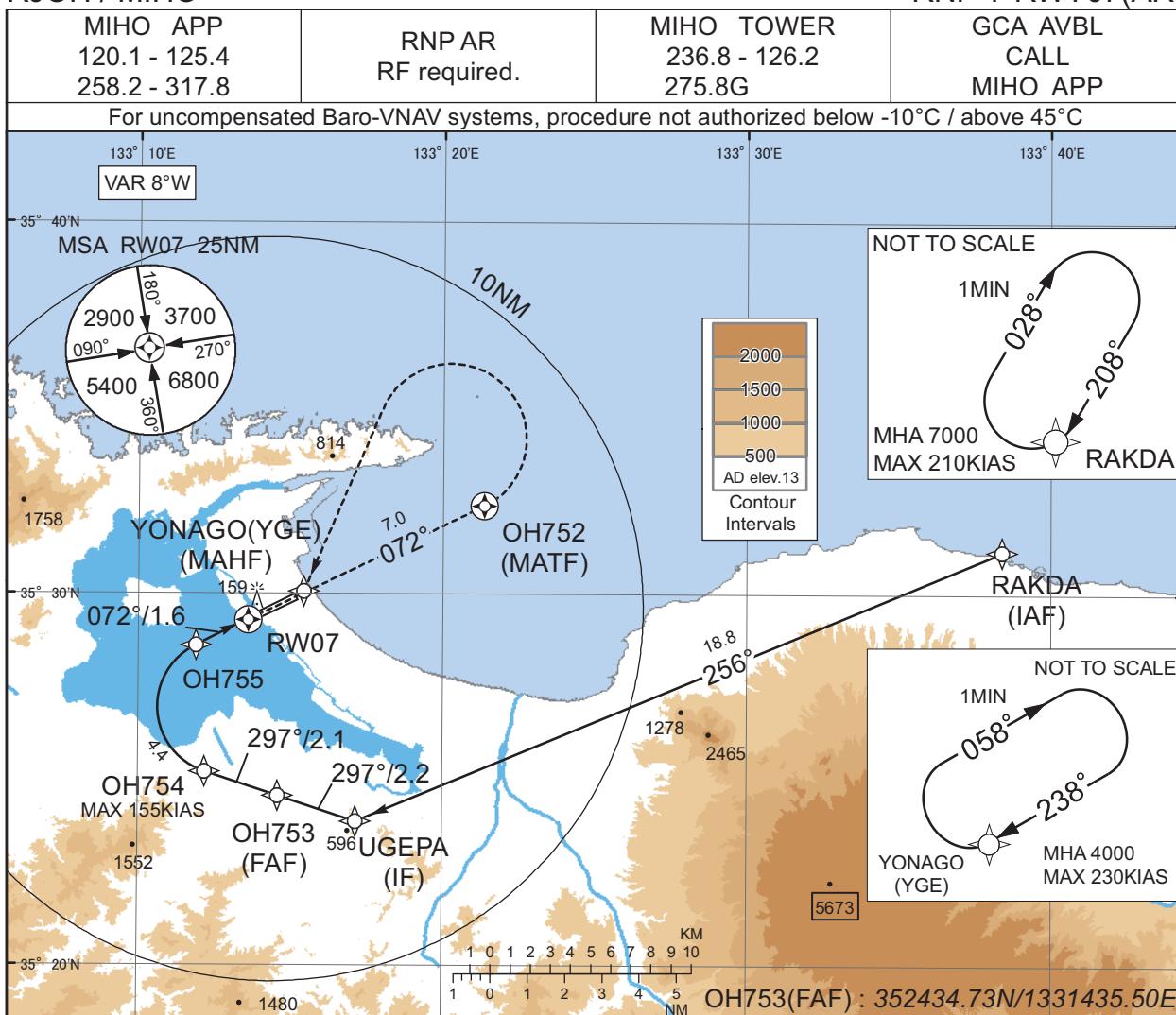
CHANGE : OBST HGT(141→161).

## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

## RJOH / MIHO



## RAKDA (IAF)

## UGEPA (IF)

## OH753 (FAF)

## MISSSED APPROACH

To OH752 on course 072°, turn left direct to YGE and hold at 4000FT. Contact MIHO APP.

29.0

10.2

8.0

5.9

1.6

0

NM to THR

CHANGE : New PROC.

MINIMA		THR elev. 9	AD elev. 13
CAT	RNP 0.30		
	DA(H)	RVR/CMV	
A	-	-	
B			
C	309(300)	1400	
D	-	-	

**Authorization Required**

## 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

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VAR 8°W (2023)

110

7000

CENTER: 353003N/1331413E (RADAR SITE)

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