

STANDARD DEPARTURE CHART - INSTRUMENT

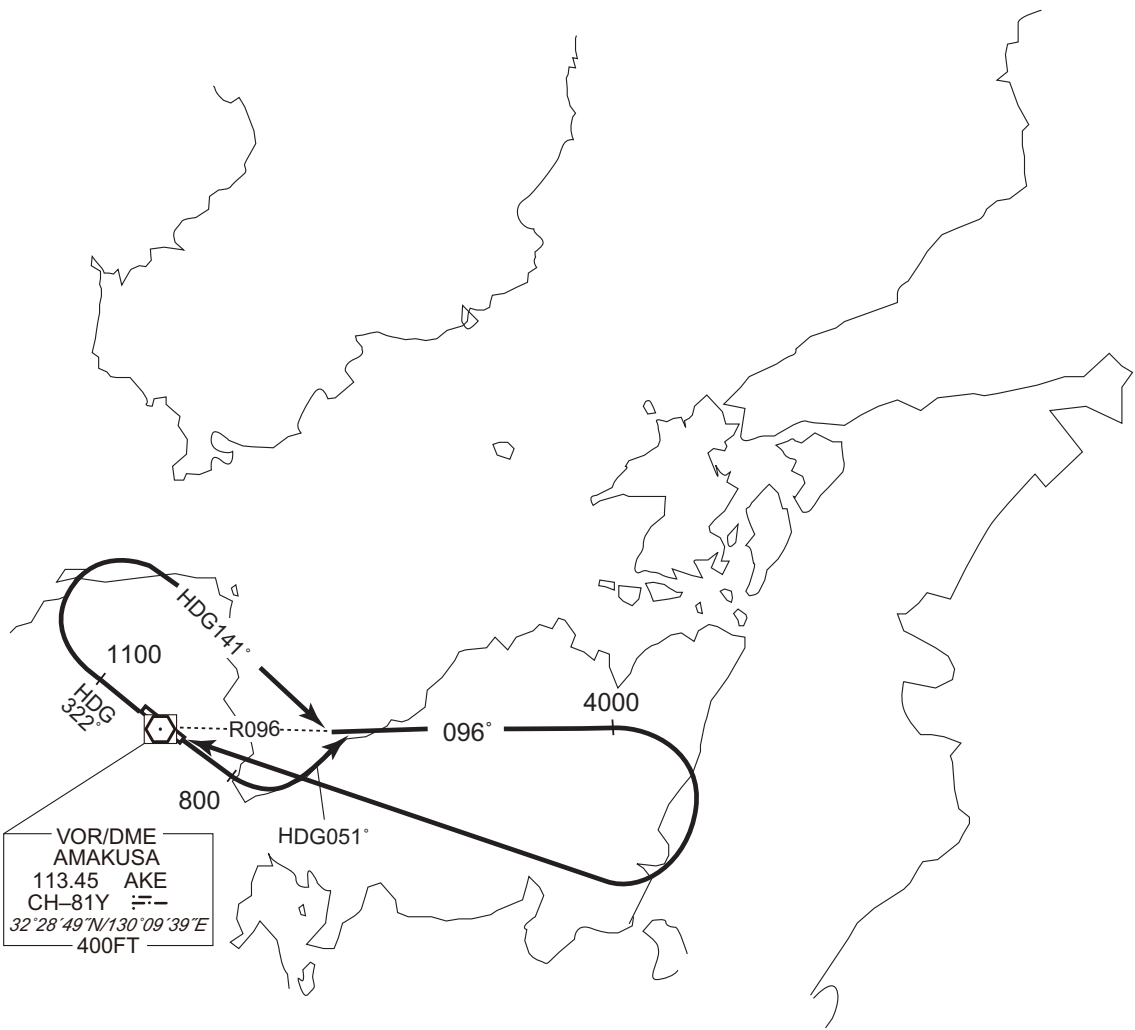
RJDA / AMAKUSA

SID

AMAKUSA REVERSAL THREE DEPARTURE

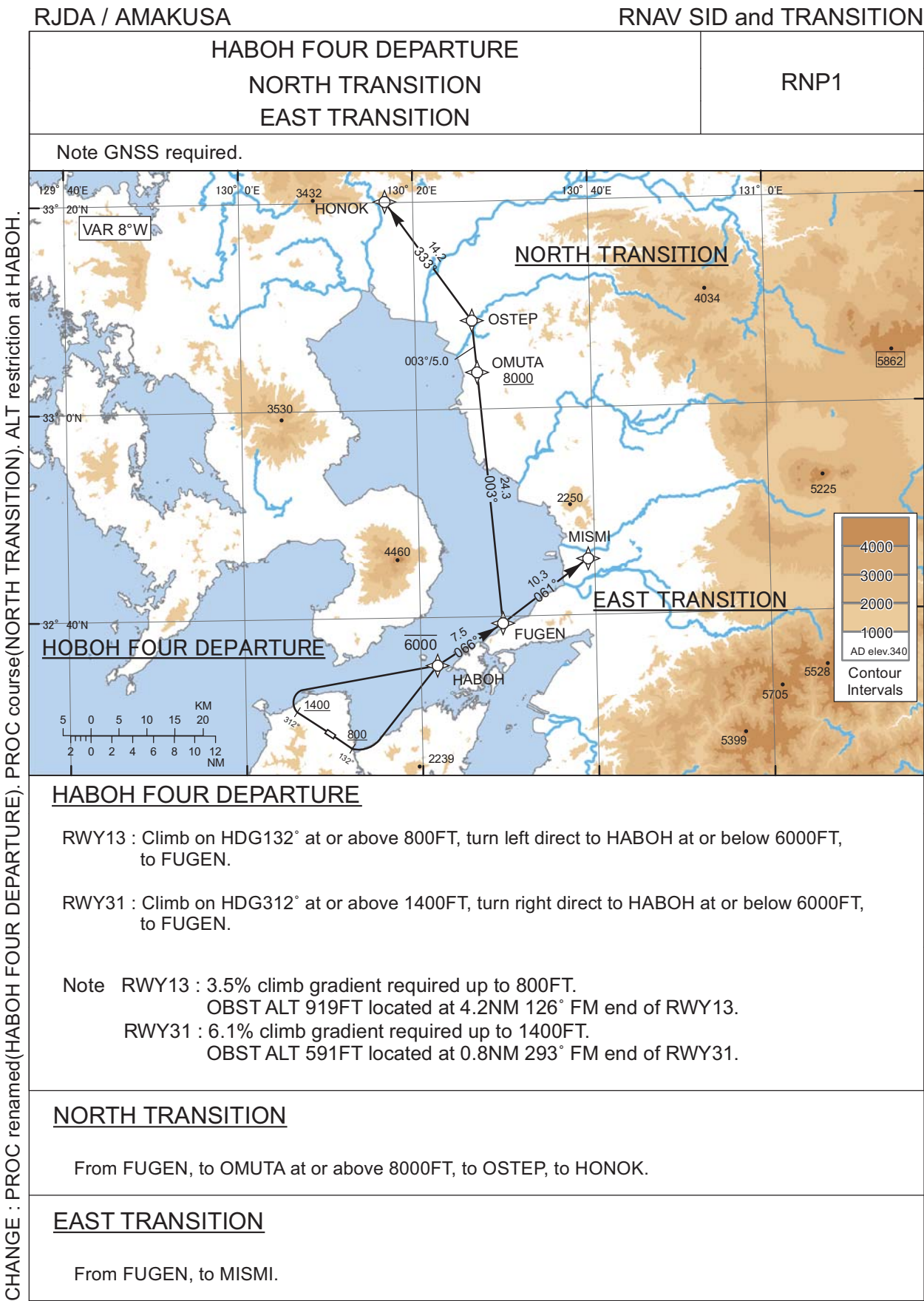
RWY13 : Climb RWY HDG to 800FT, turn left HDG051°...  
RWY31 : Climb on HDG322° to 1100FT, turn right HDG141°...  
... to intercept and proceed via AKE R096 to 4000FT, turn right, direct to AKE  
VOR/DME.

Note RWY13 : 5.0% climb gradient required up to 1200FT.  
OBST ALT 1994FT located at 9.0NM 098° FM end of RWY13.  
RWY31 : 6.0% climb gradient required up to 1100FT.  
OBST ALT 591FT located at 0.8NM 294° FM end of RWY31.



CHANGE : Description of PROC name.

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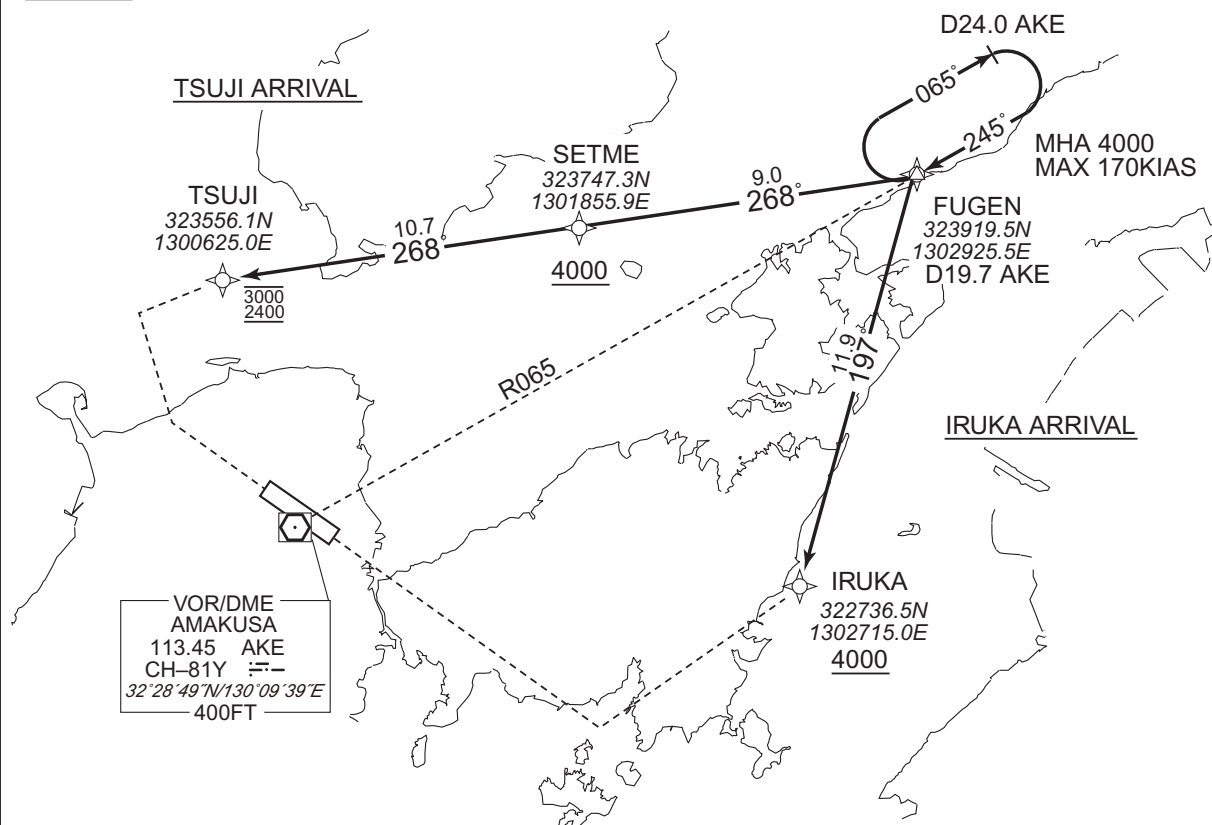


## RJDA / AMAKUSA

RNAV STAR

RNP1

VAR 8°W



From FUGEN, to IRUKA at or above 4000FT.

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	FUGEN	—	—	-7.7	—	—	—	—	—	RNP1
002	TF	IRUKA	—	197 (188.9)	-7.7	11.9	—	+4000	—	—	RNP1

From FUGEN, to SETME at or above 4000FT, to TSUJI between 3000FT and 2400FT.

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	FUGEN	—	—	-7.7	—	—	—	—	—	RNP1
002	TF	SETME	—	268 (260.2)	-7.7	9.0	—	+4000	—	—	RNP1
003	TF	TSUJI	—	268 (260.1)	-7.7	10.7	—	-3000 +2400	—	—	RNP1

CHANGE : Course FM FUGEN to IRUKA. VAR.

## RJDA / AMAKUSA

VOR RWY31

VAR 8°W

• 956

10NM

180°

270°

360°

615

MAPt D0.9 AKE

102°

R102

D7.0 AKE

1624

2239

114°

307°

307°

SUMOT(FAF) D7.8 AKE

1528

MHA 4000 MAX 170KIAS

1248

540

1991

282°

Turn initiation within D11.0 AKE  
MAX Turning speed 140KIAS

EQPT REQUIRED DME

MSA 25NM

4600

6000

270

4900

360

3000

090

AKE

SUMOT(FAF) : 322456.74N/1301741.72E

**MISSED APPROACH**

Turn right, via AKE R102 to 7.0DME,  
turn right, direct to AKE VOR/DME  
and hold at 4000FT.  
Contact KUMAMOTO APP.

Timing not authorized for defining the MAPt.  
No turn before MAPt.

AKE

Turn initiation within D11.0 AKE

114°

MAPt SDF SDF SUMOT (FAF)

VDP

2826

1960

307°

3400

30°

1259

MDA 1140 (810) 1940 (1610) 2800 (2470)

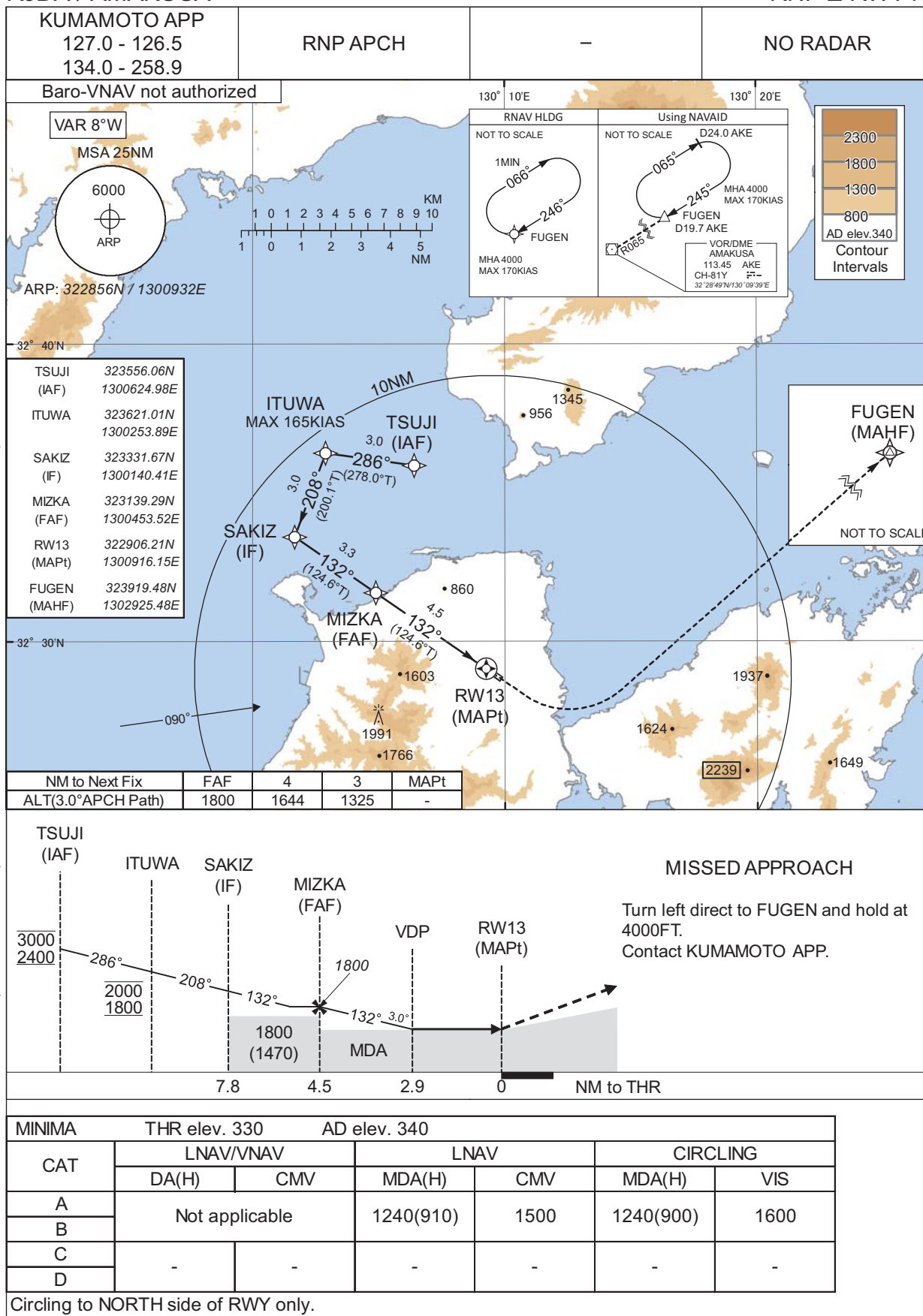
Missed APCH climb gradient MNM 5.0%
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MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to NORTH side of RWY only.

CHANGE : VAR.

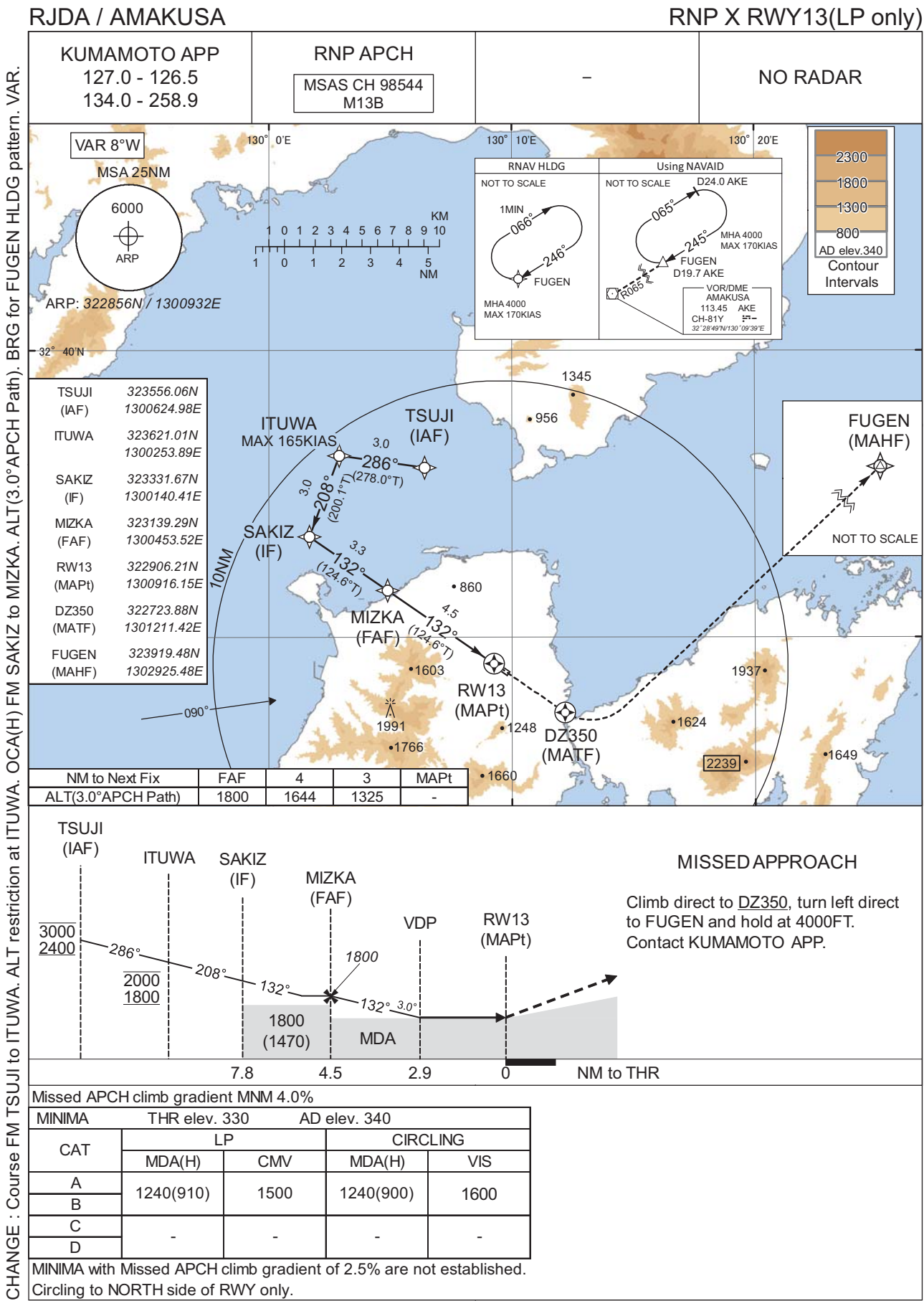
CHANGE : PROC course. MINIMA. ALT(3.0°APCH Path). ALT restriction at ITUWA. BRG for FUGEN HLDG pattern. ITUWA, SAKIZ added. TOHMI abolished. VAR.

## RNP Z RWY13





INSTRUMENT APPROACH CHART





INSTRUMENT APPROACH CHART

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RNP X RWY13(LP only)

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+01335
SBAS service provider identifier	2	FPAP latitude	322834.9695N
Airport identifier	RJDA	FPAP longitude	1301009.6325E
Runway	13	Threshold crossing height	00012.2
Approach performance designator	0	TCH units selector	1
Route indicator	X	Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M13B	∠ length offset	0696
LTP/FTP latitude	322906.1830N	HAL	40.0
LTP/FTP longitude	1300916.1515E	VAL	0.0
CRC remainder	F4E11814		

Required additional data

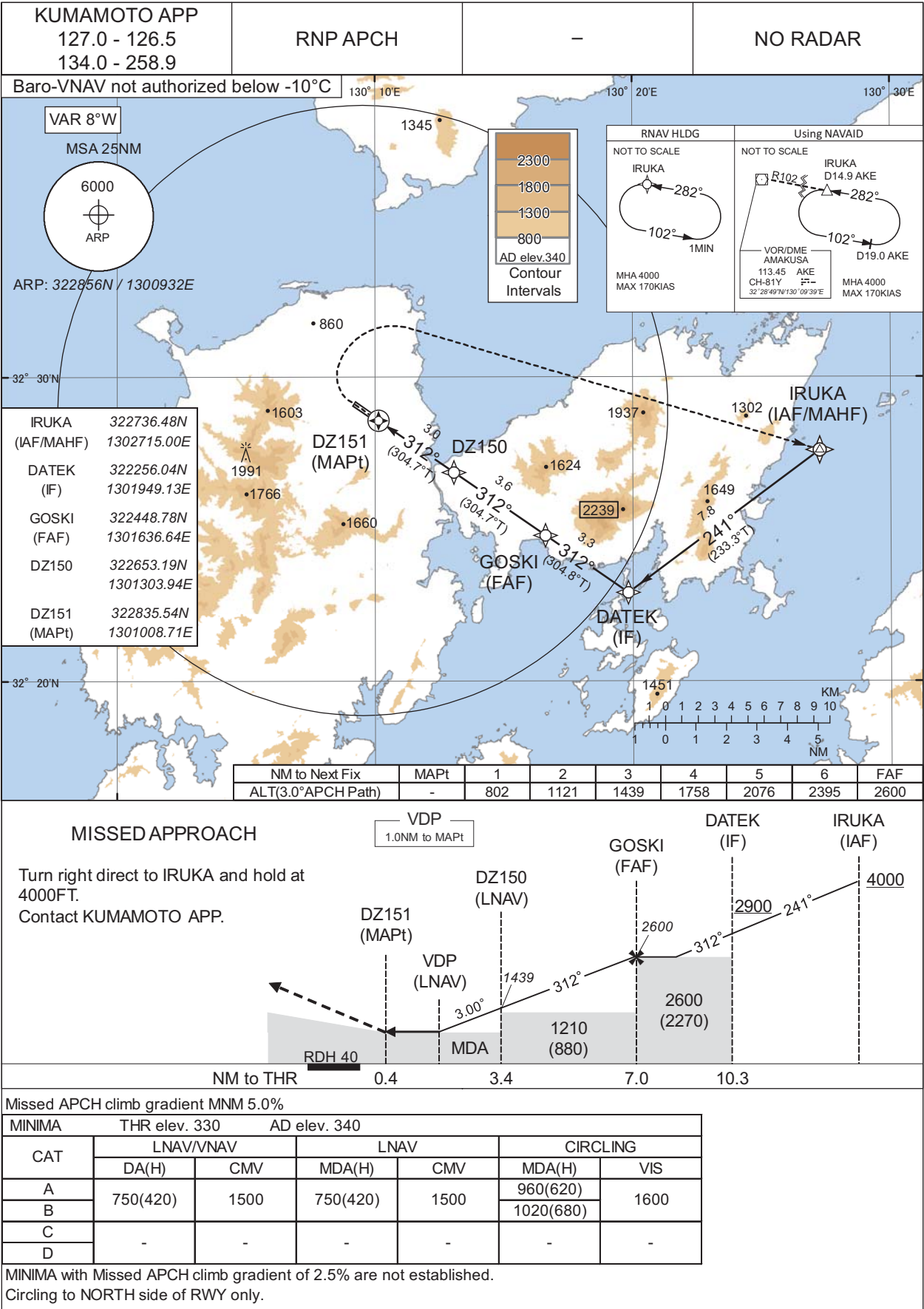
LTP/FTP orthometric height	100.8
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CHANGE : Description of PROC name.

INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

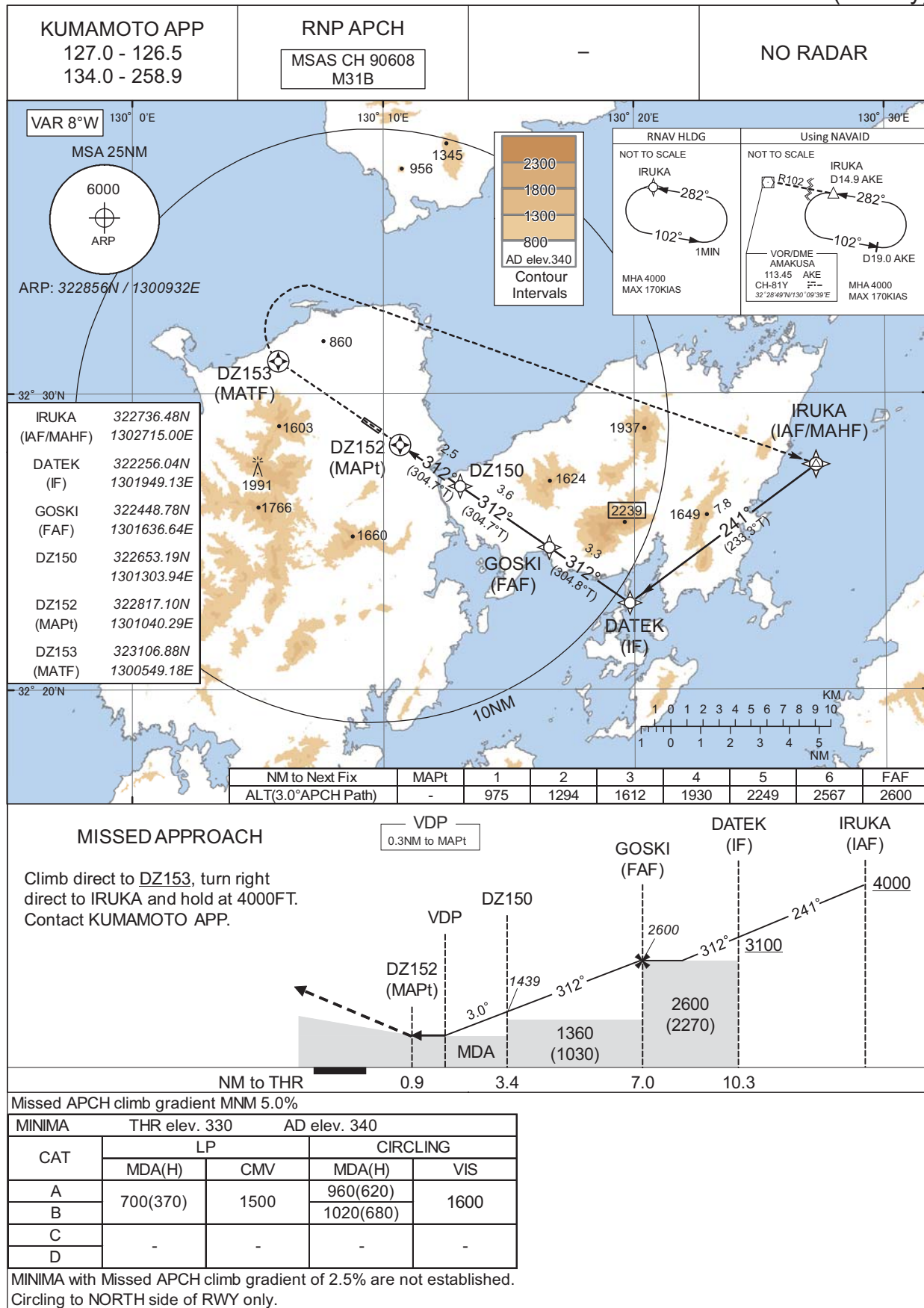
RNP Z RWY31



## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNP X RWY31(LP only)



INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNP X RWY31(LP only)

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+01335
SBAS service provider identifier	2	FPAP latitude	322918.9855N
Airport identifier	RJDA	FPAP longitude	1300854.2095E
Runway	31	Threshold crossing height	00012.2
Approach performance designator	0	TCH units selector	1
Route indicator	X	Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M31B	∠ length offset	0696
LTP/FTP latitude	322847.7745N	HAL	40.0
LTP/FTP longitude	1300947.6955E	VAL	0.0
CRC remainder	1980097D		

Required additional data

LTP/FTP orthometric height	100.8
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CHANGE : Description of PROC name.

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Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
口之津 Kuchinotsu	013°T / 7.7NM	港 Port
湯島 Yushima	051°T / 11.6NM	島 Island
通詞島 Tsujiishima	331°T / 4.7NM	島 Island
富岡 Tomioka	294°T / 7.6NM	岬 Cape
島子 Shimago	094°T / 4.9NM	漁港 Port
横島 Yokoshima	150°T / 7.6NM	島 Island

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LDG CHART

