

RJDA / AMAKUSA

AD CHART



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°...

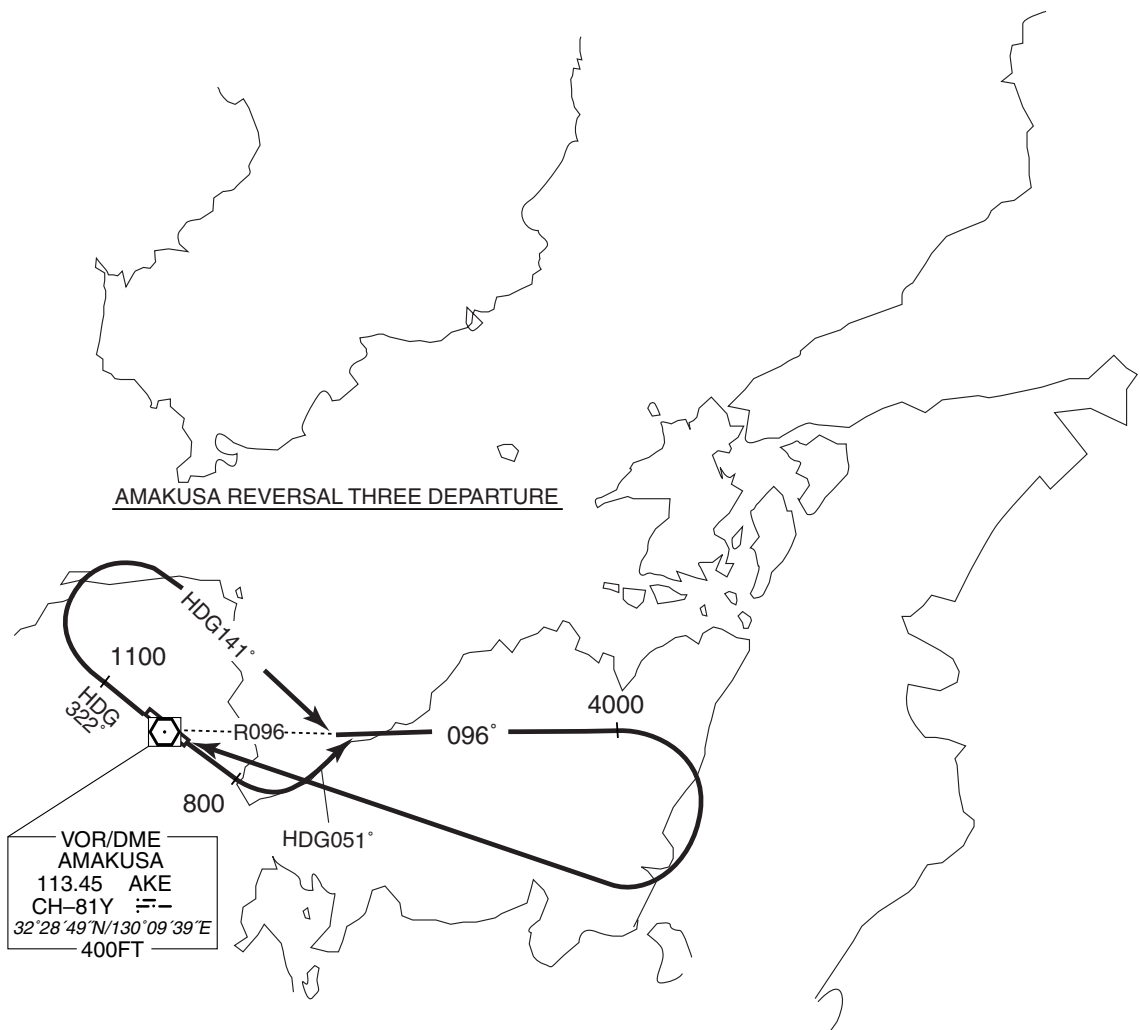
... to intercept and proceed via AKE R096 to 4000FT, turn right, direct to AKE VOR/DME.

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.



STANDARD DEPARTURE CHART - INSTRUMENT



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## RJDA / AMAKUSA

## RNAV SID and TRANSITION

HABOH TWO DEPARTURE

## RWY13

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	—	—	132 (124.7)	-7.4	—	—	+800	—	—	Basic RNP1
002	DF	HABOH	—	—	-7.4	—	L	4000	—	—	Basic RNP1
003	TF	FUGEN	—	065 (058.0)	-7.4	7.5	—	—	—	—	Basic RNP1

## RWY31

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	—	—	312 (304.7)	-7.4	—	—	+1400	—	—	Basic RNP1
002	DF	HABOH	—	—	-7.4	—	R	4000	—	—	Basic RNP1
003	TF	FUGEN	—	065 (058.0)	-7.4	7.5	—	—	—	—	Basic RNP1

NORTH 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	FUGEN	—	—	-7.4	—	—	—	—	—	Basic RNP1
002	TF	OMUTA	—	003 (355.2)	-7.4	24.3	—	+8000	—	—	Basic RNP1

EAST 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	FUGEN	—	—	-7.4	—	—	—	—	—	Basic RNP1
002	TF	MISMI	—	061 (053.7)	-7.4	10.3	—	—	—	—	Basic RNP1

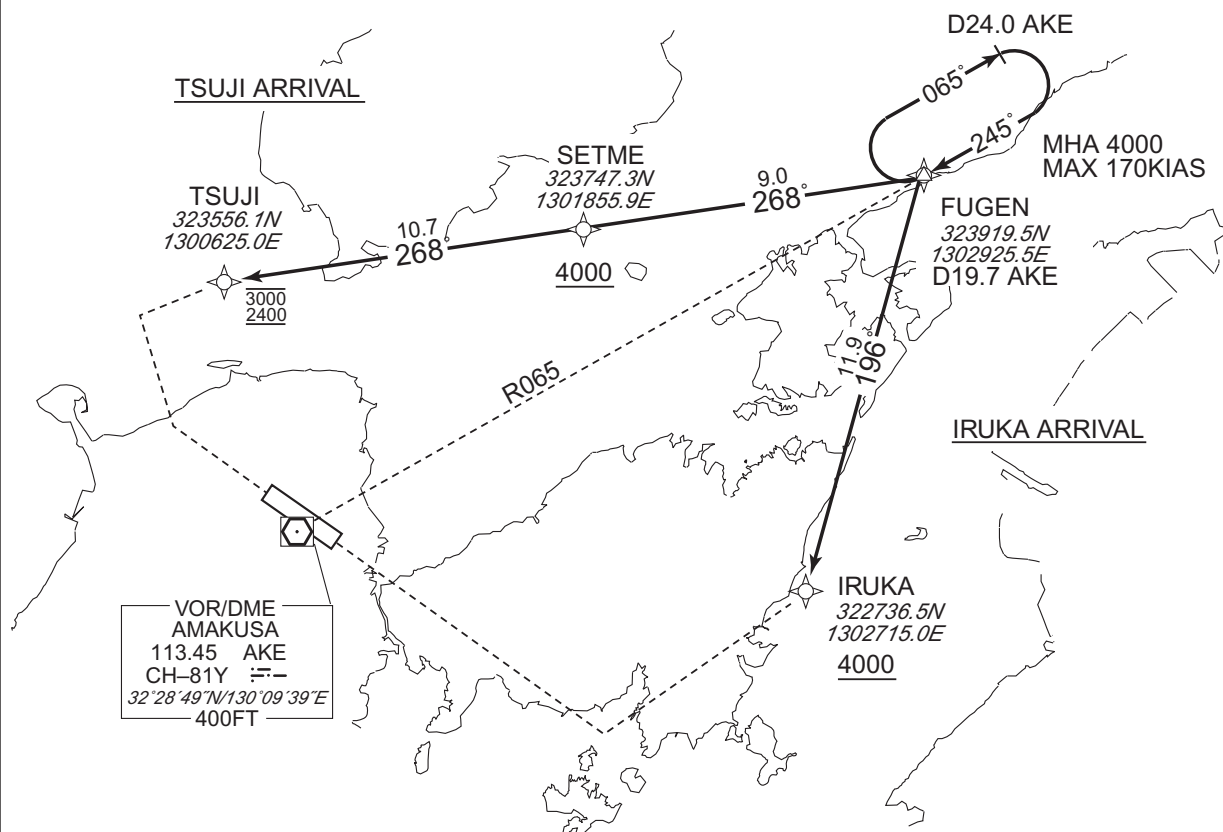
CHANGE : VAR. Course FM FUGEN to OMUTA.

## CHANGE : VAR. PROC course(TSUJI ARRIVAL). ALT restriction at TSUJI.

RNAV STAR

## Basic RNP1

VAR 7°W (2021)



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	—	—	-7.4	—	—	—	—	—	Basic RNP1
002	TF	IRUKA	—	196 (188.9)	-7.4	11.9	—	+4000	—	—	Basic 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	—	—	-7.4	—	—	—	—	—	Basic RNP1
002	TF	SETME	—	268 (260.2)	-7.4	9.0	—	+4000	—	—	Basic RNP1
003	TF	TSUJI	—	268 (260.1)	-7.4	10.7	—	-3000 +2400	—	—	Basic RNP1

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

VOR RWY31

KUMAMOTO APP	AMAKUSA VOR/DME		
119.0 – 126.5	113.45 AKE	–	NO RADAR
122.9 – 258.9	CH-81Y		
	32°28'49"N/130°09'39"E		



	NM to AKE	MAPt	2	3	4	5	6	7	FAF
ALT (3.0° APCH Path)	–	–	973	1291	1610	1928	2246	2565	2826

## 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.



DME to AKE	0.1	0.9	1.7	2.9	5.1	7.8
NM to THR	0	0.8	1.6	2.8	5.0	7.7

Missed APCH climb gradient MNM 5.0%

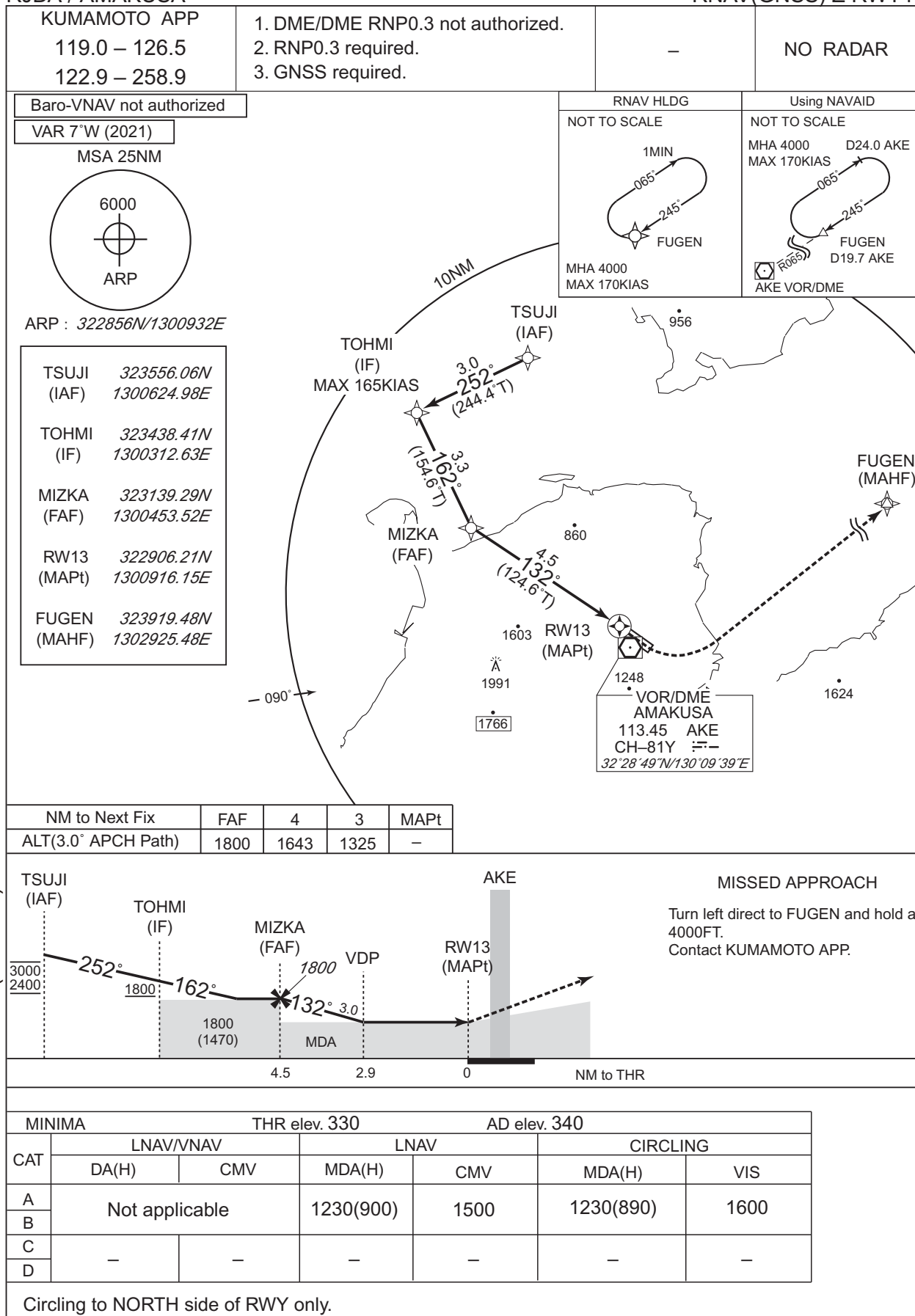
MINIMA		THR elev. 330	AD elev. 340	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	■ 830 (500)	1500	960 (620)	1600
B			1020 (680)	
C	—	—	—	—
D				

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

## INSTRUMENT APPROACH CHART

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RNAV(GNSS) Z RWY13

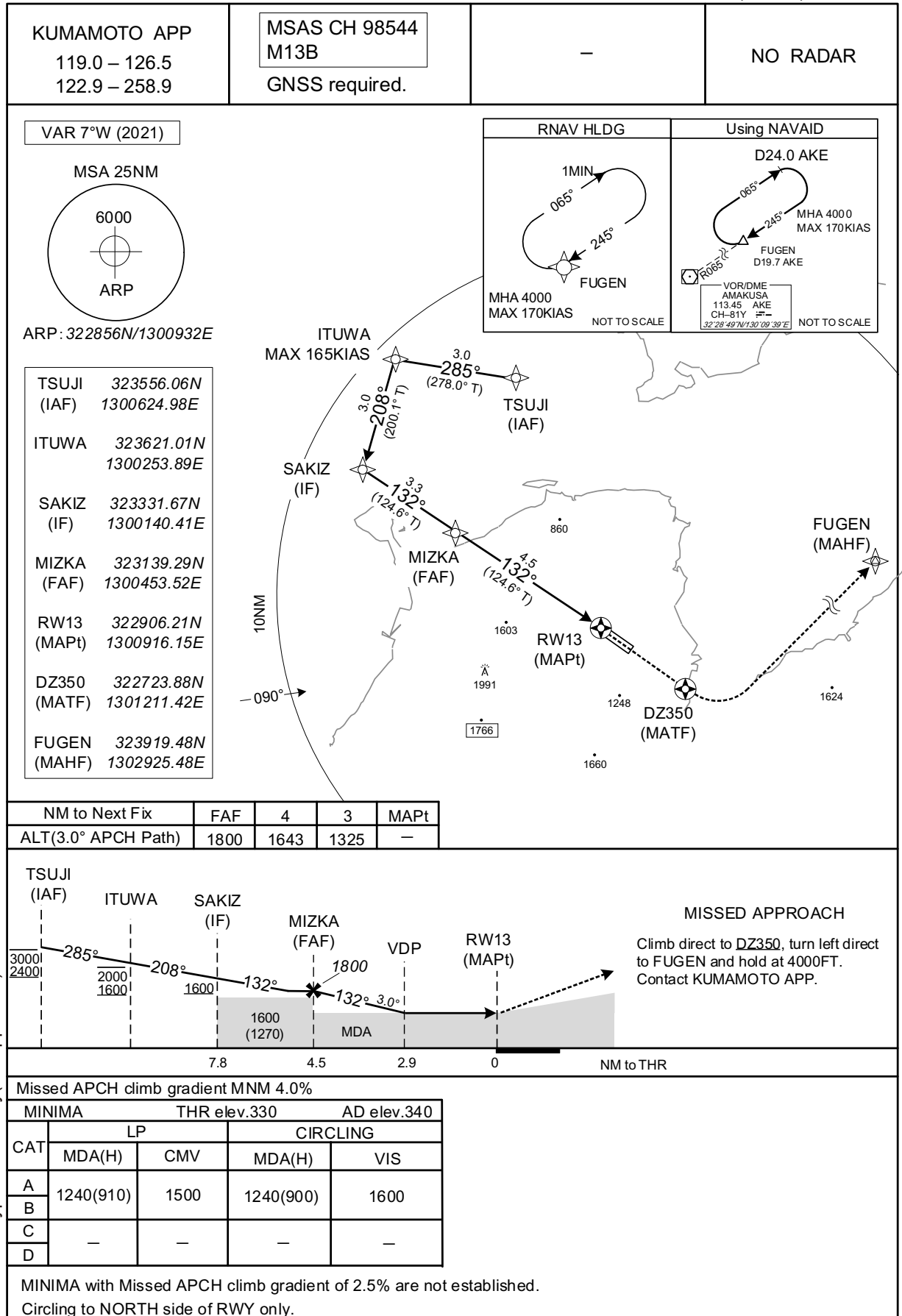


CHANGE : RNAV HLDG added(FUGEN).

INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) X RWY13



CHANGE : Type of visibility(LP approach).



## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) X RWY13

## 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 reminder	F4E11814		

## Required additional data

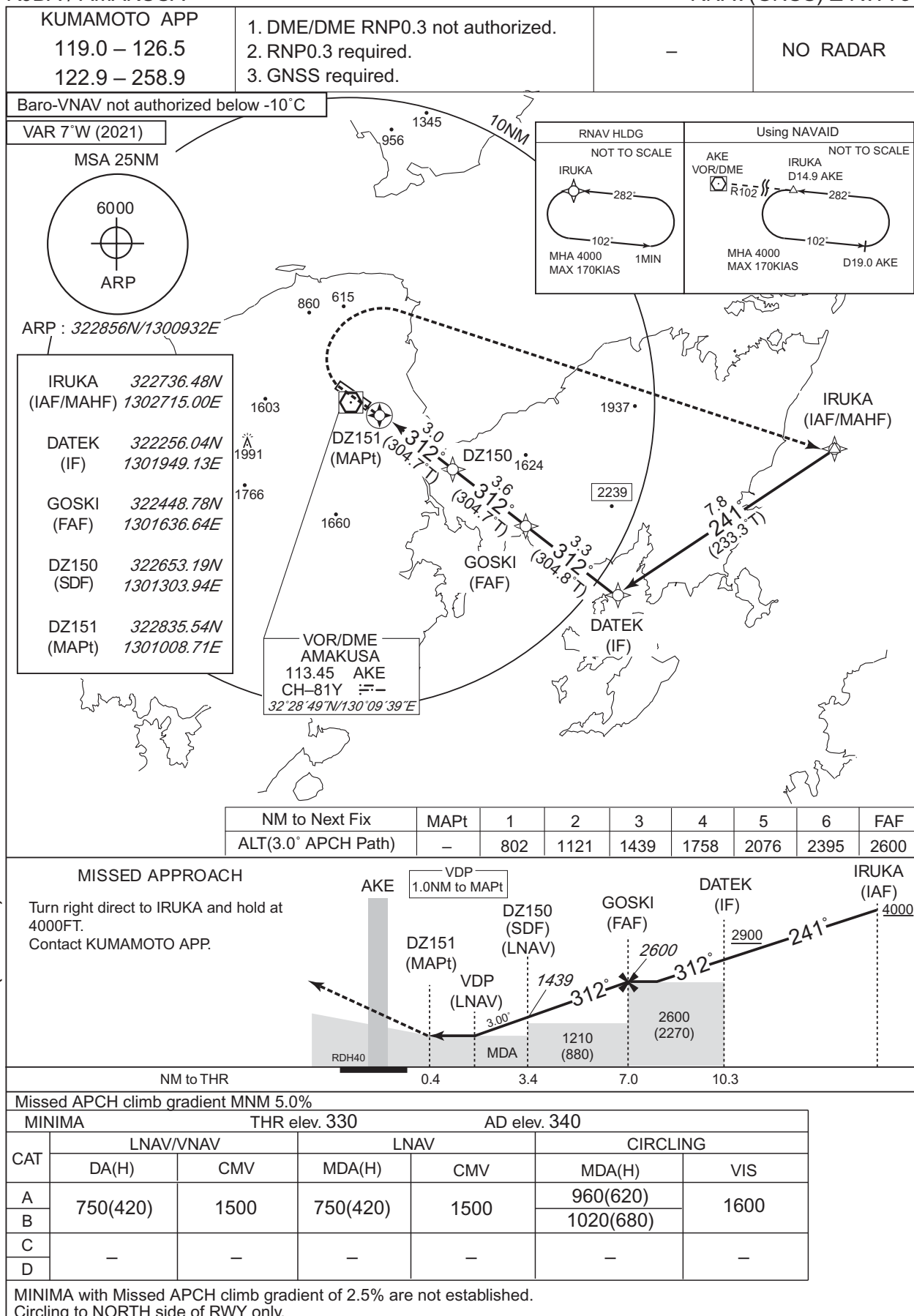
LTP/FTP orthometric height	100.8
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CHANGE : New PROC.

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) Z RWY31

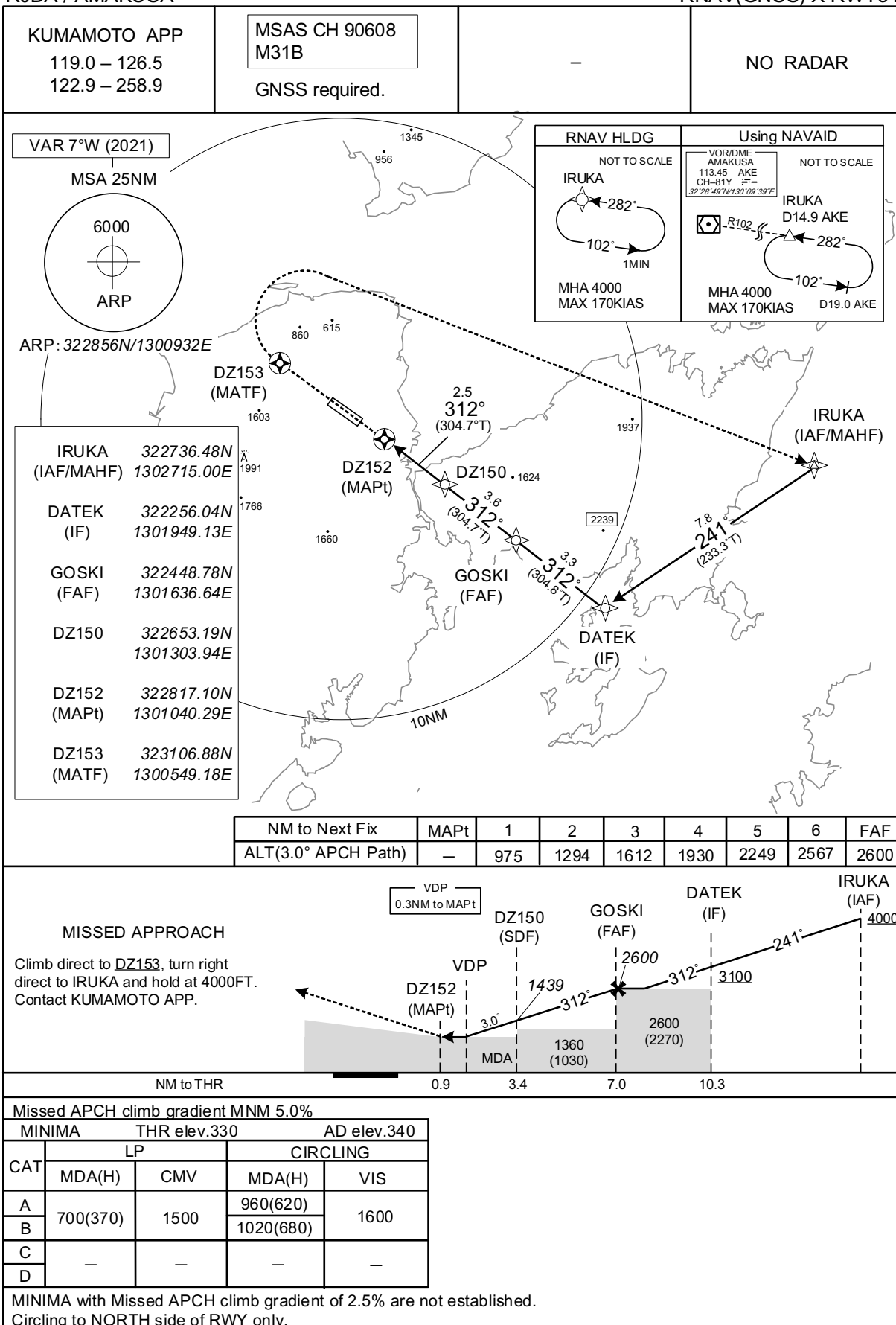


CHANGE : RNAV HLDG added(IRUKA).

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) X RWY31



CHANGE : Type of visibility(LP approach).

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) X RWY31

## 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 reminder	1980097D		

## Required additional data

LTP/FTP orthometric height	100.8
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CHANGE : New PROC.

RJDA/AMAKUKSA

Visual REP



※AMAKUSA FLIGHT SERVICE : 130.775MHz

Call sign	BRG / DIST from ARP	Remarks
口之津 Kuchinotsu	020° / 8.0NM	港 Port
湯島 Yushima	058° / 11.9NM	島 Island
通詞島 Tsuujishima	334° / 4.8NM	島 Island
島子 Shimago	101° / 4.6NM	漁港 Port
横島 Yokoshima	158° / 7.5NM	島 Island
富岡 Tomioka	299° / 7.7NM	岬 Cape

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LDG CHART





