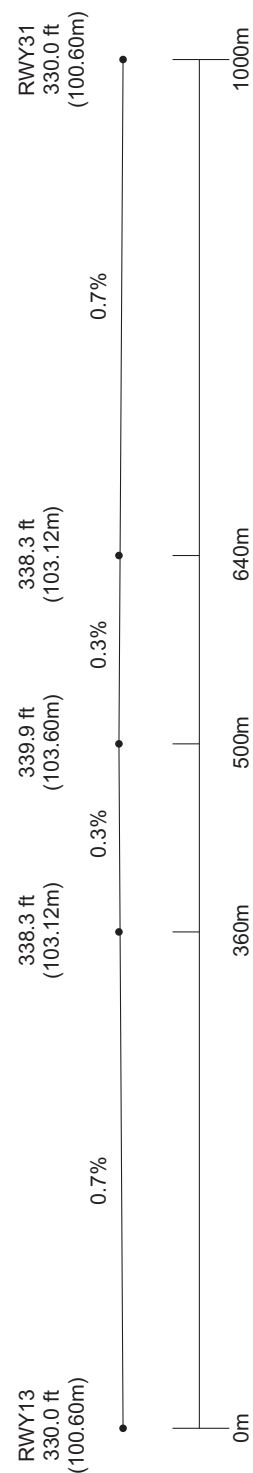


AMAKUSA AIRPORT

STANDARD DEPARTURE CHART - INSTRUMENT

RJDA / AMAKUSA

SID

AMAKUSA REVERSAL THREE DEPARTURE

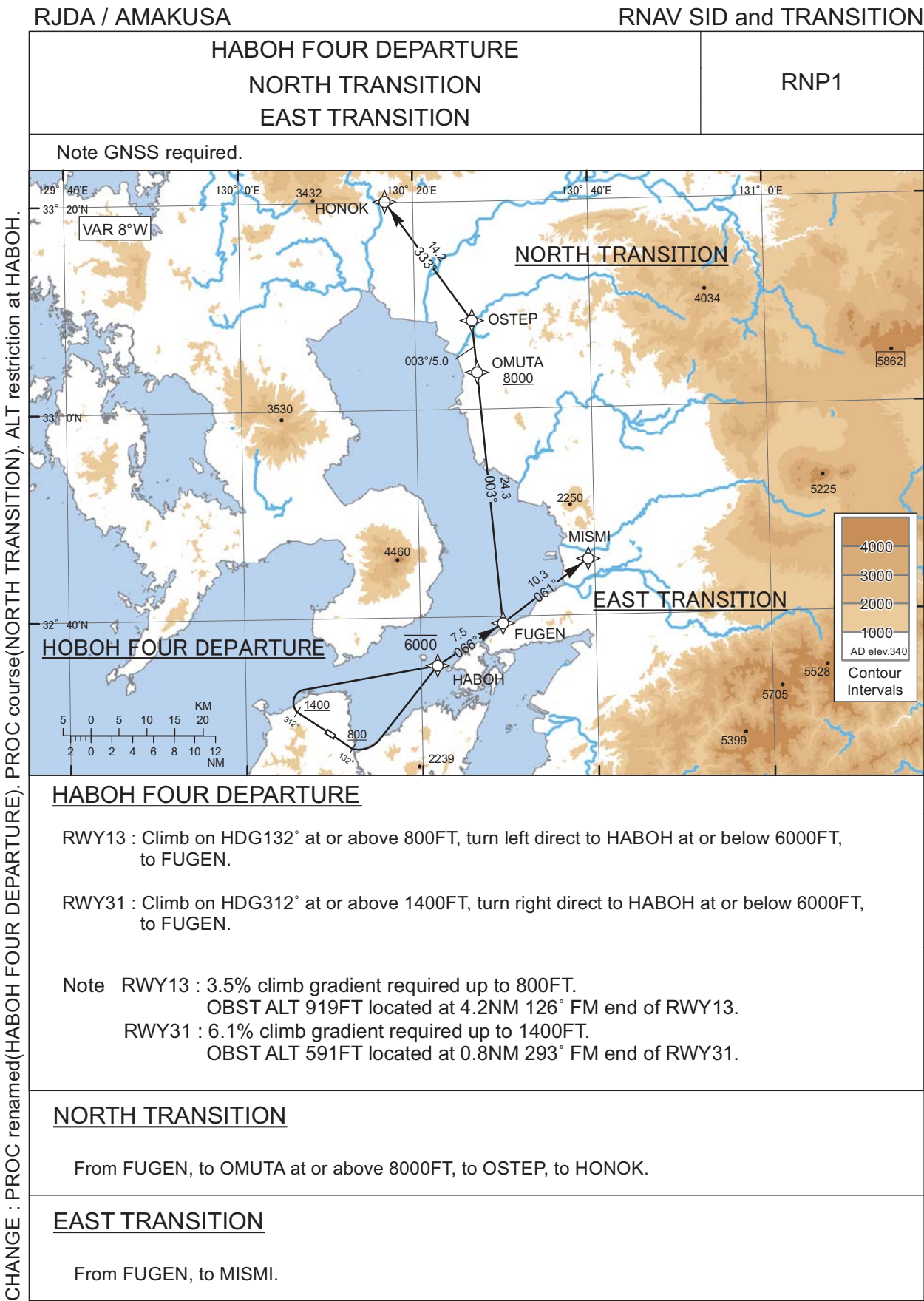
RWY13 : Climb RWY HDG to 800FT, turn left HDG051°...  
RWY31 : Climb on HDG322° to 1100FT, turn right HDG141°...  
... to intercept and proceed via AKE R096 to 4000FT, turn right, direct to AKE  
VOR/DME.

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.

STANDARD DEPARTURE CHART - INSTRUMENT





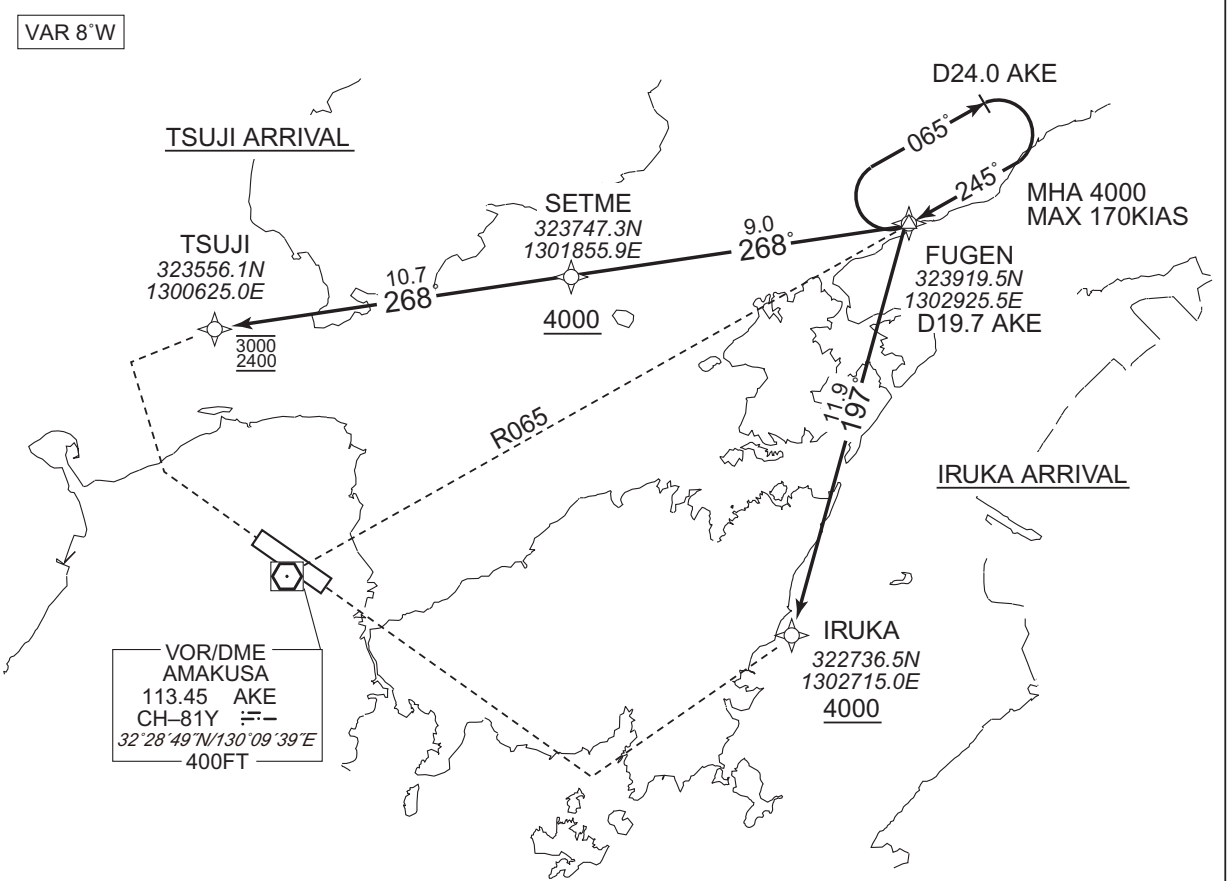
STANDARD ARRIVAL CHART - INSTRUMENT

RJDA / AMAKUSA

RNAV STAR

IRUKA ARRIVAL TSUJI ARRIVAL	RNP1
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Note GNSS required.



**IRUKA ARRIVAL**

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

**TSUJI ARRIVAL**

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

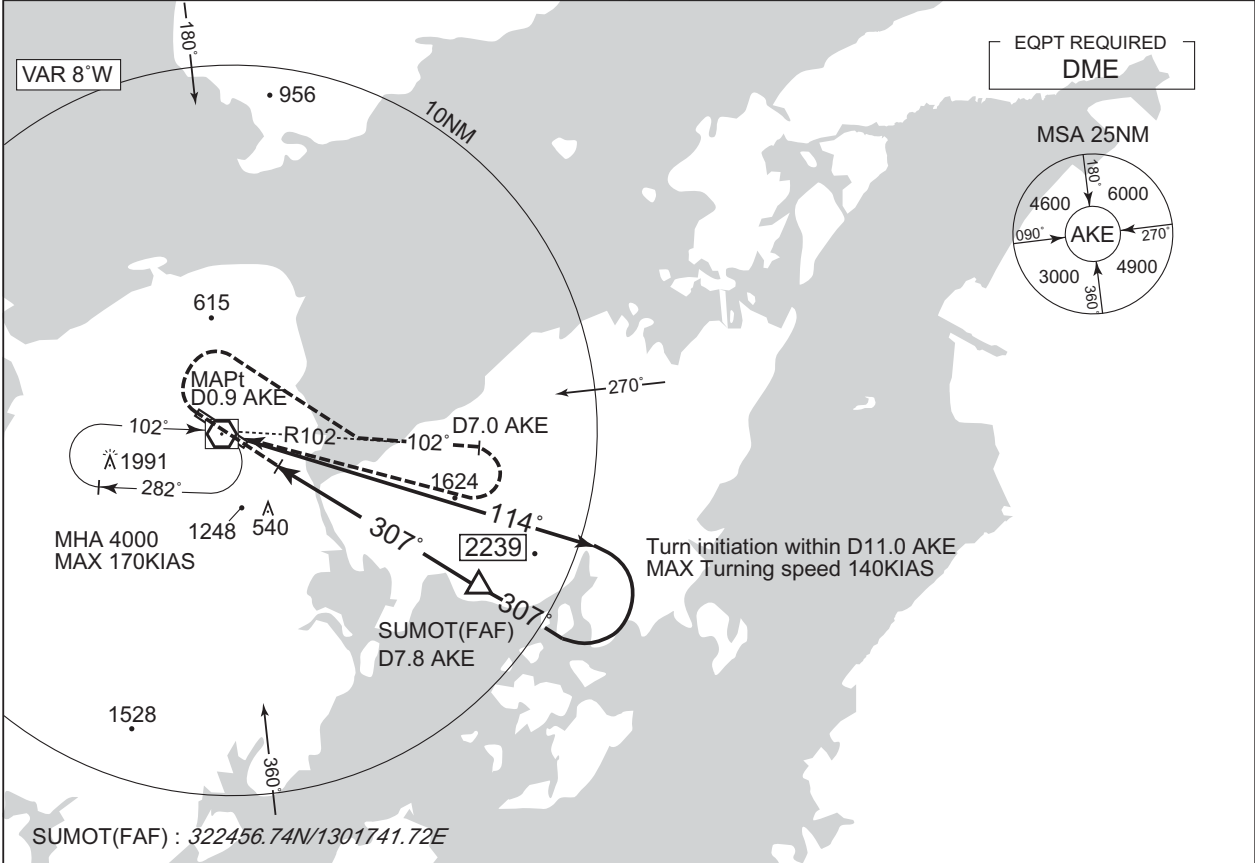
CHANGE : Course FM FUGEN to IRUKA. VAR.

INSTRUMENT APPROACH CHART

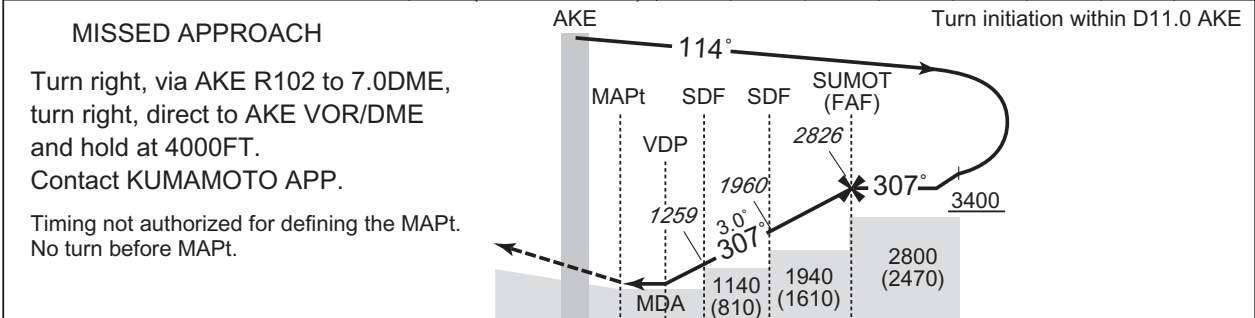
RJDA / AMAKUSA

VOR RWY31

KUMAMOTO APP 127.0 – 126.5 134.0 – 258.9	AMAKUSA VOR/DME 113.45 AKE CH-81Y 32°28'49"N/130°09'39"E	—	NO RADAR
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	NM to AKE	MAPt	2	3	4	5	6	7	FAF
ALT (3.0° APCH Path)	—	—	973	1291	1610	1928	2246	2565	2826



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

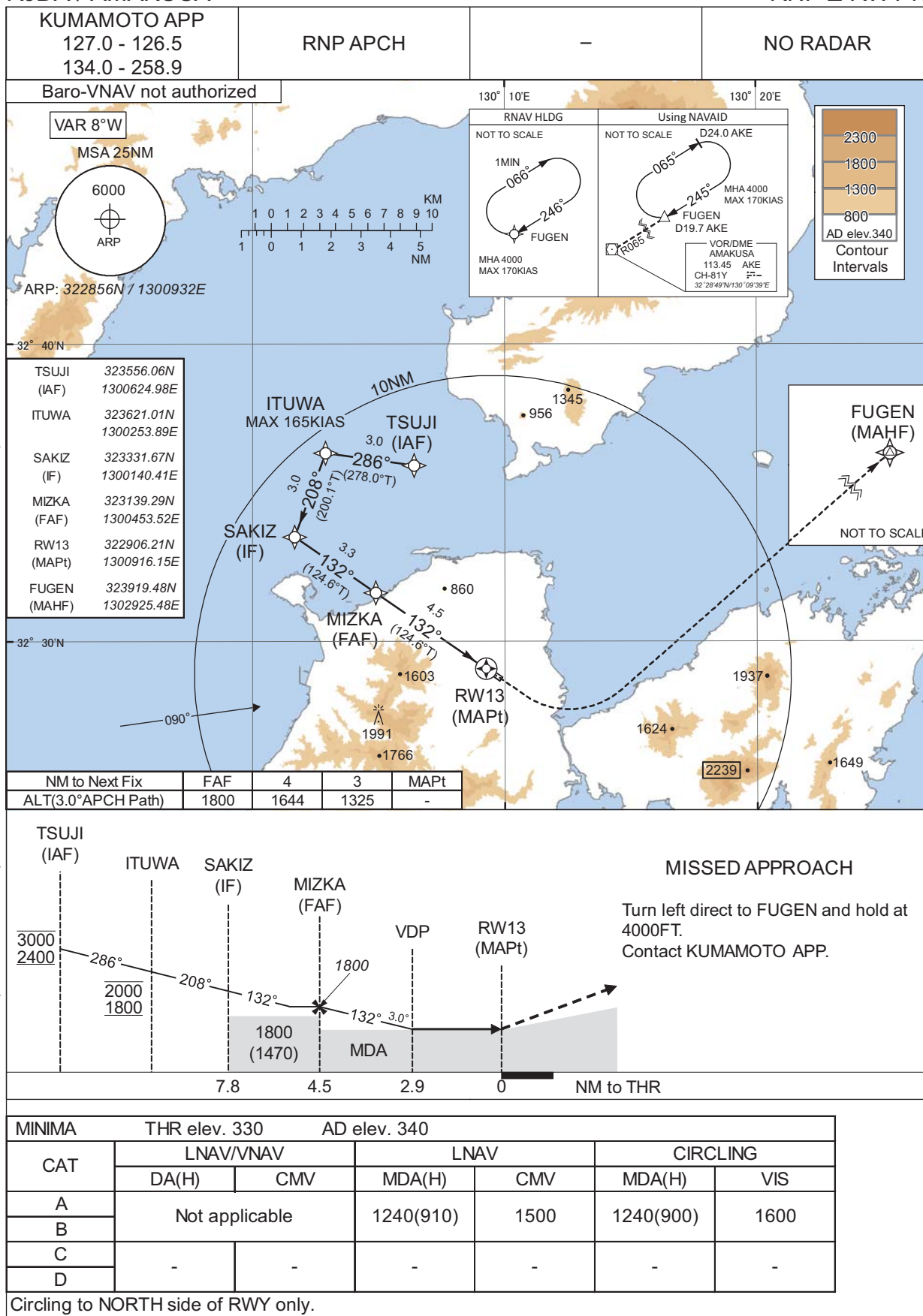
Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 330	AD elev. 340	
CAT	CIRCLING		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.

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





**RJDA / AMAKUSA**

KUMAMOTO APP 127.0 - 126.5 134.0 - 258.9	RNP APCH MSAS CH 98544 M13B	-	NO RADAR
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**VAR 8°W**  
**MSA 25NM**  
6000  
ARP  
ARP: 322856N / 1300932E

**Scale:**  
KM: 1 0 1 2 3 4 5 6 7 8 9 10  
NM: 1 0 1 2 3 4 5

**Navigation Aids:**  
RNAV HLDG: NOT TO SCALE  
Using NAVAID: D24.0 AKE, FUGEN D19.7 AKE  
YOR/DME AMAKUSA 113.45 AKE CH-81Y 32°28'49"N/130°09'39"E

NM to Next Fix	FAF	4	3	MAPt
ALT(3.0°APCH Path)	1800	1644	1325	-

**MISSED APPROACH**  
Climb direct to DZ350, turn left direct to FUGEN and hold at 4000FT.  
Contact KUMAMOTO APP.

CAT	LP		CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1240(910)	1500	1240(900)	1600
B				
C	-	-	-	-
D	-	-	-	-

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



INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNP X RWY13(LP only)

FAS DATA BLOCK

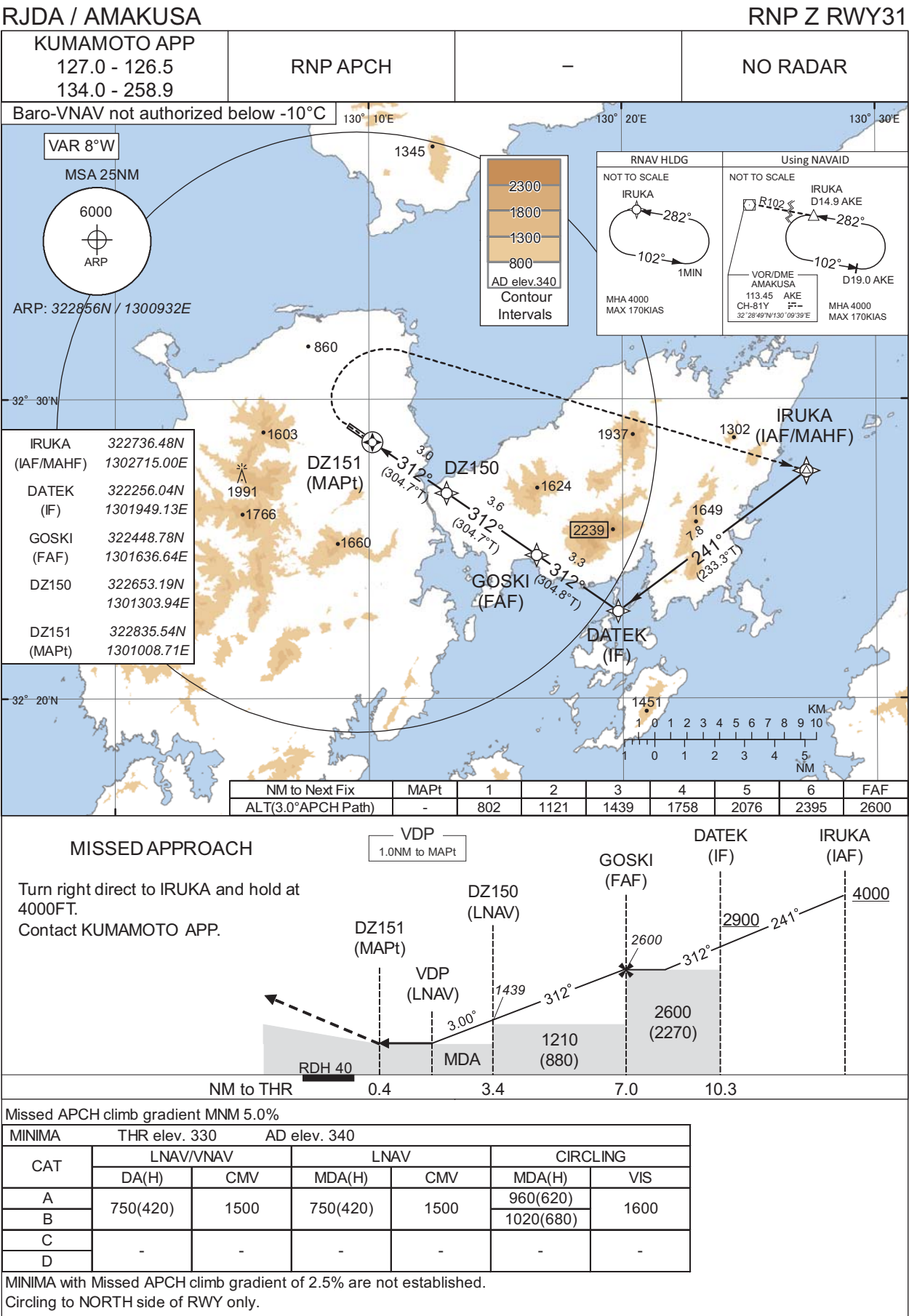
Operation type	0	LTP/FTP ellipsoidal height	+01335
SBAS service provider identifier	2	FPAP latitude	322834.9695N
Airport identifier	RJDA	FPAP longitude	1301009.6325E
Runway	13	Threshold crossing height	00012.2
Approach performance designator	0	TCH units selector	1
Route indicator	X	Glide path angle	03.00
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.

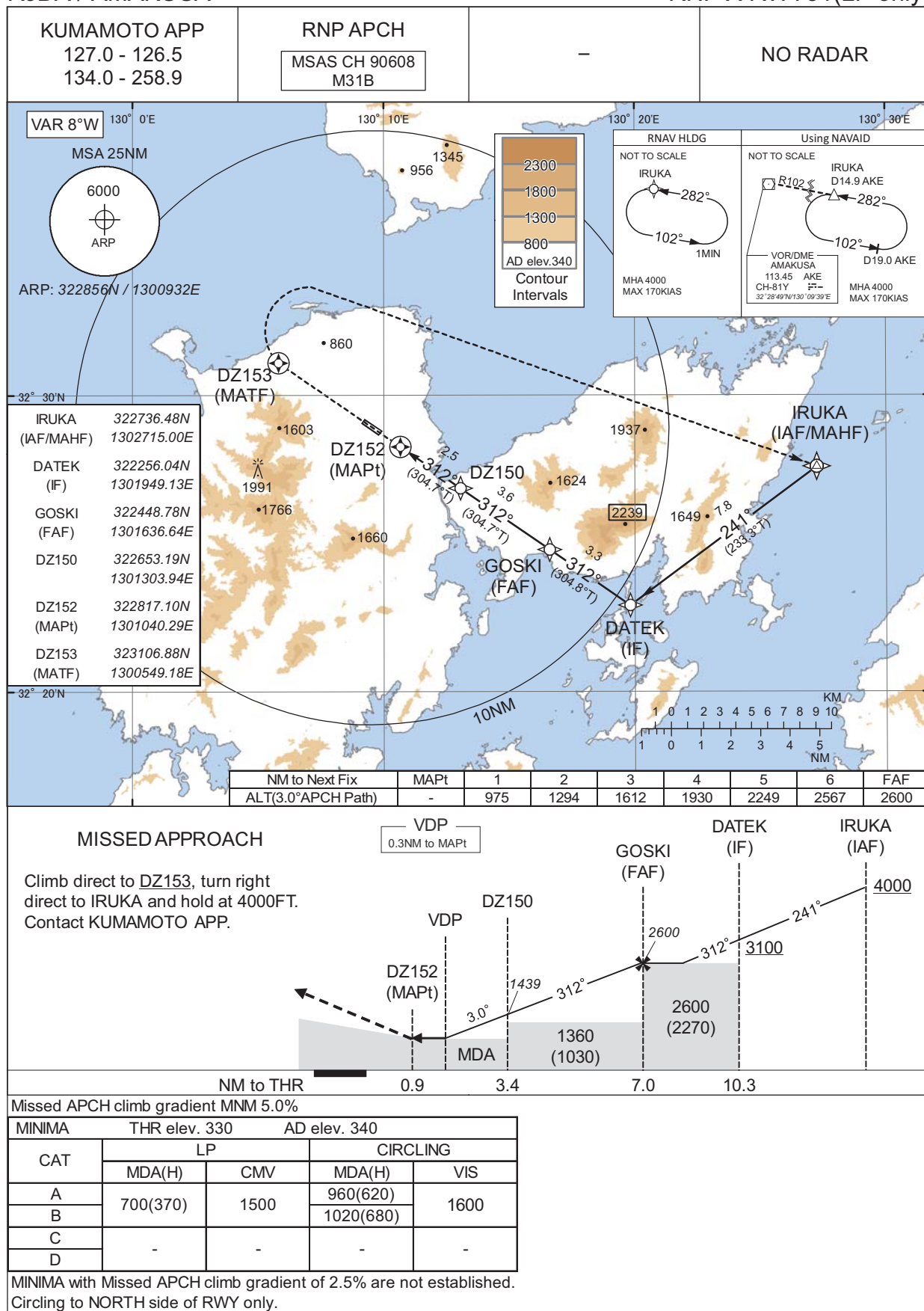
INSTRUMENT APPROACH CHART



## 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.

RJDA / AMAKUSA

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 Tsujishima	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

RJDA / AMAKUSA

LDG CHART





