

### 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. AMAKUSA REVERSAL THREE DEPARTURE 1100 4000 -R096 096 800 VOR/DME HDG051° AMAKUSA 113.45 AKE CH–81Y ∺=− 32°28′49″N/130°09′39″E -400FT

#### STANDARD DEPARTURE CHART - INSTRUMENT

# RJDA / AMAKUSA RNAV SID and TRANSITION HABOH TWO DEPARTURE NORTH TRANSITION Basic RNP1 **EAST TRANSITION** Note GNSS required. **OMUTA** VAR 7°W (2021) 330332.2N 1302701.4E 8000 NORTH TRANSITION MISMI 324524.1N 1303916.7E **EAST TRANSITION FUGEN** 4000 323919.5N HABOH TWO DEPARTURE 1302925.5E HABOH 323521.5N 1400 302152.9E VOR/DME **AMAKUSA** 113.45 AKE CH–81Y := − 32°28′49″N/130°09′39″E 400FT

### HABOH TWO DEPARTURE

RWY13 : Climb on HDG132° at or above 800FT, turn left direct to HABOH at 4000FT, to FUGEN.

RWY31 : Climb on HDG312  $^{\circ}$  at or above 1400FT, turn right direct to HABOH at 4000FT, to FUGEN.

Note RWY13: 3.5% climb gradient required up to 800FT.

OBST ALT 919FT located at 4.2NM 126° FM end of RWY13.

RWY31: 6.1% climb gradient required up to 1400FT.

OBST ALT 591FT located at 0.8NM 293° FM end of RWY31.

### **NORTH TRANSITION**

From FUGEN, to OMUTA at or above 8000FT.

### **EAST TRANSITION**

From FUGEN, to MISMI.

### STANDARD DEPARTURE CHART - INSTRUMENT

## RJDA / AMAKUSA

## **RNAV SID and TRANSITION**

## HABOH TWO DEPARTURE

### RWY13

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	132 (124.7)	-7.4	_	-	+800	1	_	Basic RNP1
002	DF	НАВОН	_	_	-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	1	Turn Direction	Altitude (FT)	•	Vertical Angle	"
001	VA	_	_	312 (304.7)	-7.4	_	-	+1400	-	_	Basic RNP1
002	DF	НАВОН	_	_	-7.4	_	R	4000	_	_	Basic RNP1
003	TF	FUGEN	_	065 (058.0)	-7.4	7.5	_	_	-	_	Basic RNP1

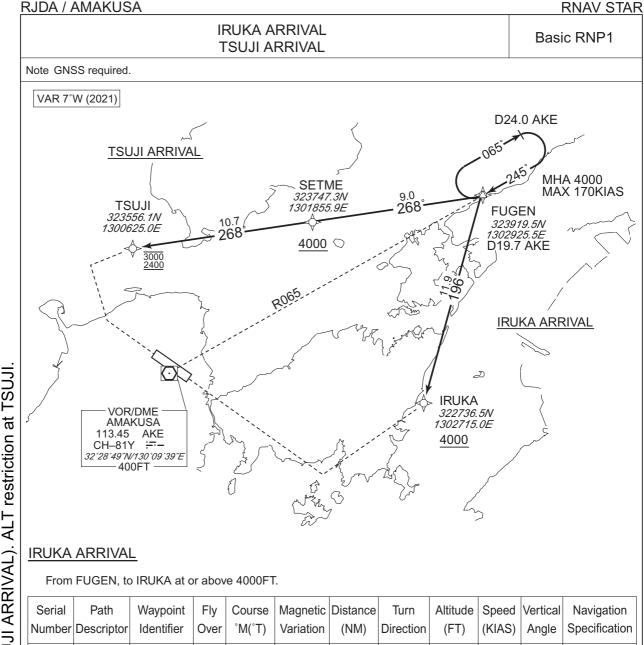
## NORTH TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	,		Magnetic Variation		Turn Direction		•	l	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	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	FUGEN	_	-	-7.4	_	_	_	_	_	Basic RNP1
002	TF	MISMI	_	061 (053.7)	-7.4	10.3	_	_	_	_	Basic RNP1

### STANDARD ARRIVAL CHART - INSTRUMENT



TSUJI	ARR	IVAL
-------	-----	------

IF

TF

**FUGEN** 

**IRUKA** 

001

002

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

196

(188.9)

-7.4

-7.4

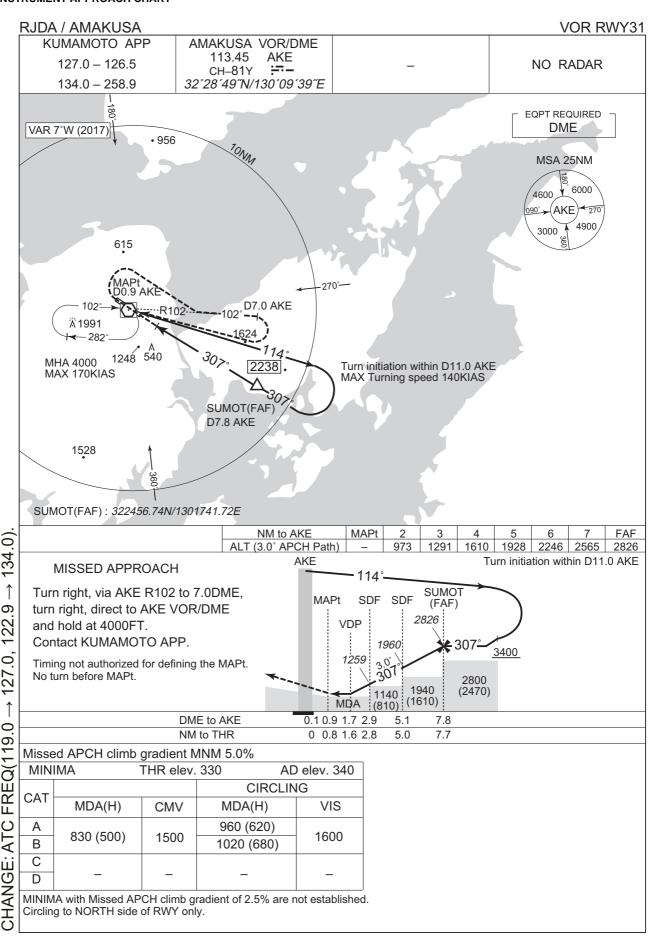
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	
001	IF	FUGEN	_	_	-7.4	_	_	_	_	_	Basic RNP1
002	TF	SETME	_	268 (260.2)	-7.4	9.0	_	+4000	_	_	Basic RNP1
003	TF	TSUJI	_	268 (260.1)	-7.4	10.7	_	-3000 +2400	_	_	Basic RNP1

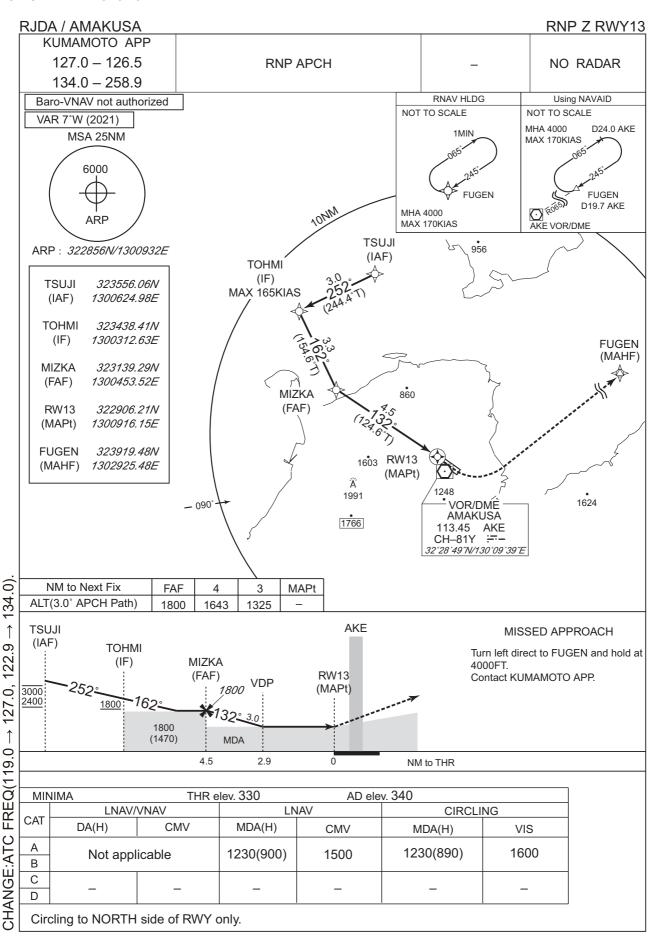
11.9

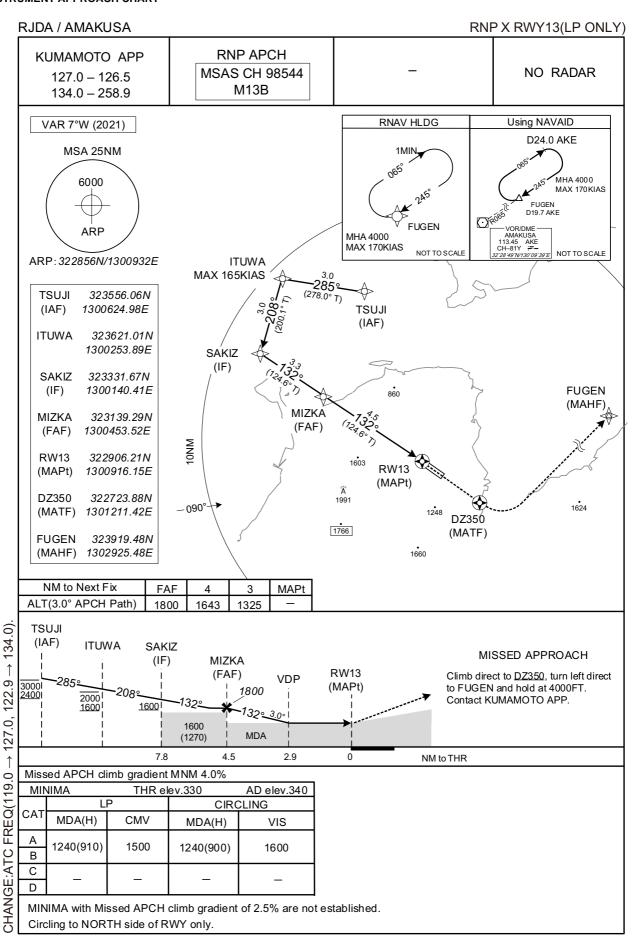
Basic RNP1

Basic RNP1

+4000







## RJDA / AMAKUSA

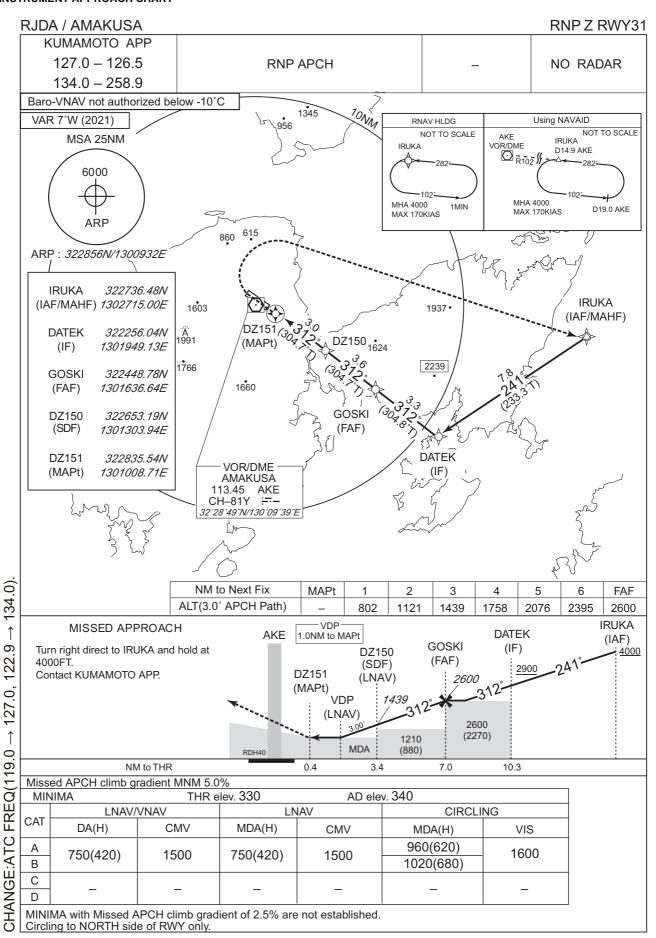
RNP X RWY13(LP ONLY)

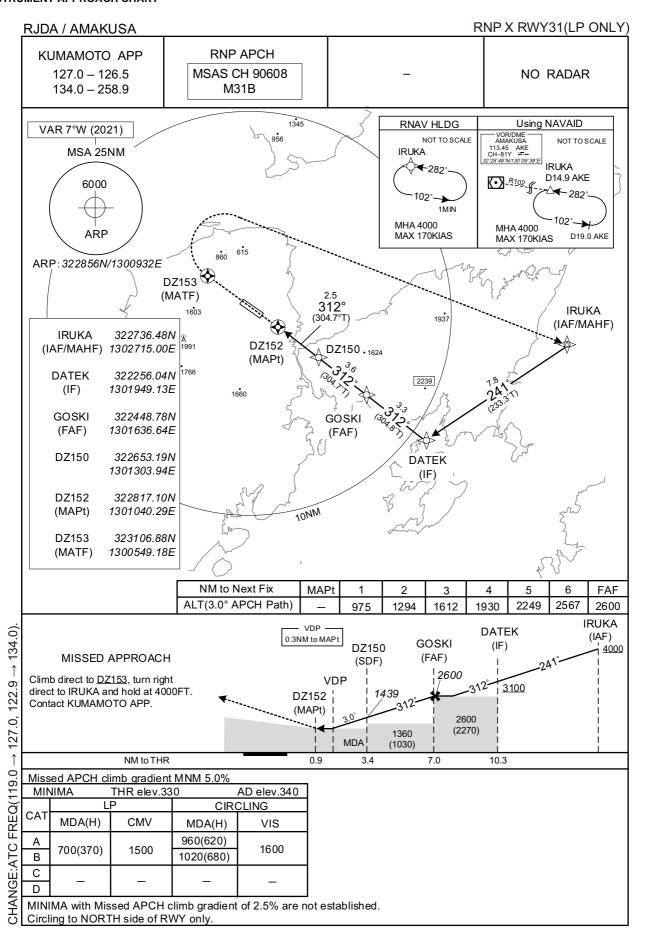
## FAS DATA BLOCK

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	Х	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

1 to qui ou di						
LTP/FTP orthometric height	100.8					





## 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	Х	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
ETI /I TI OTTIOITETIC HEIGHT	100.0

RJDA / AMAKUSA Visual REP VAR 7°W(2015) / 4'W AMAKUSA FLIGHT SERVICE 南島原 130.775 **KUCHINOTSU YUSHIMA TSUJISHIMA** 四季咲岬。 **TOMIOKA** SHIMAGO 9 會岳 • 682 • 526 **YOKOSHIMA** Webメルカトル図法(球体補正) / Web Mercator projection

※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).

ARP.	※図中に標高を示す数字がある場合、質	単位はメートル(m)である。The unit of r	measurement used to express elevation is meter(m).
from	Call sign	BRG / DIST from ARP	Remarks
BRG/DIST	口之津 Kuchinotsu	013°T / 7.7NM	港 Port
	湯島 Yushima	051°T / 11.6NM	島 Island
updated.	通詞島 Tsujishima	331°T / 4.7NM	島 Island
Мар и	富岡 Tomioka	294°T / 7.6NM	岬 Cape
	島子 Shimago	094°T / 4.9NM	漁港 Port
CHANGE	横島 Yokoshima	150°T / 7.6NM	島 Island



