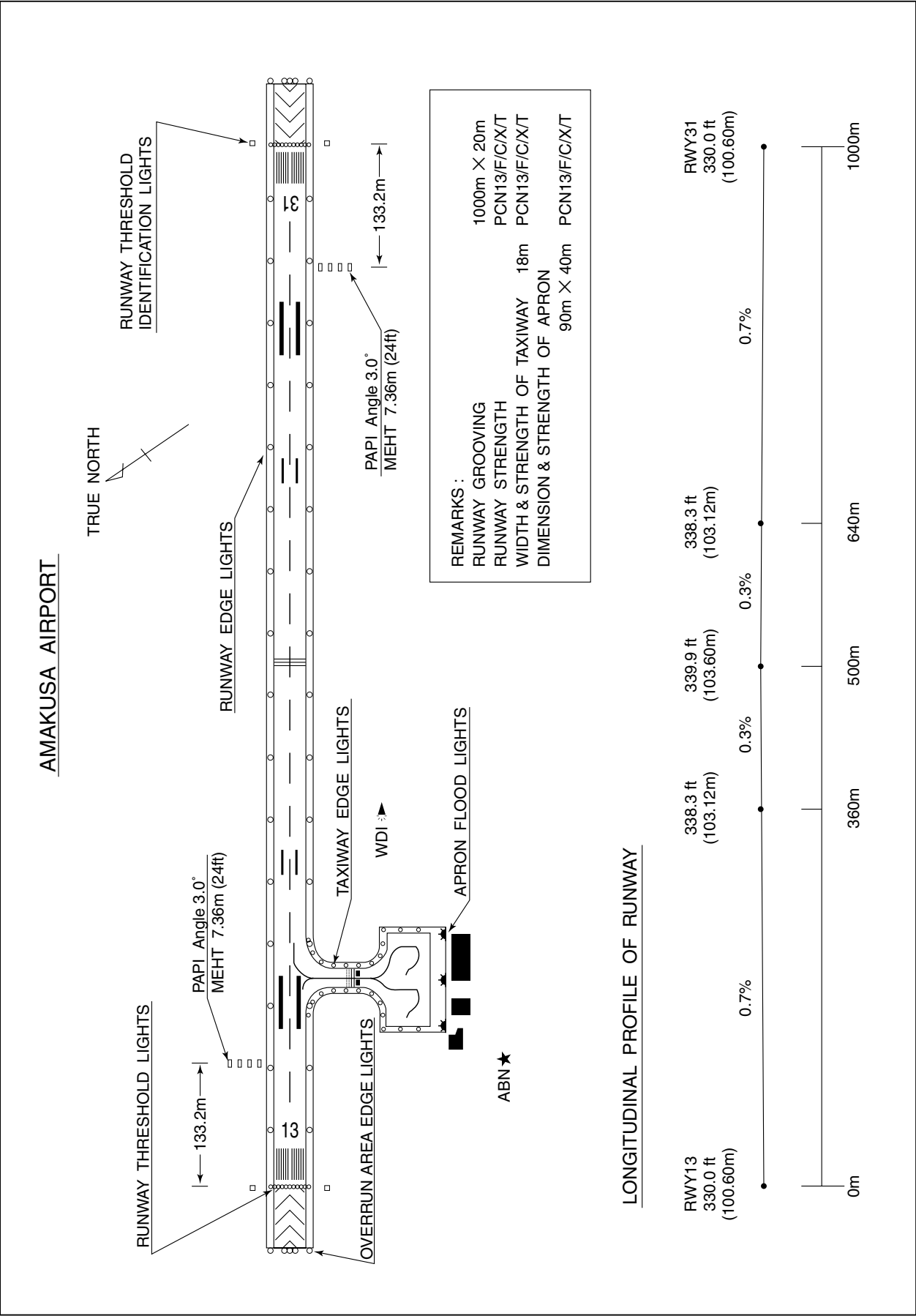


RJDA / AMAKUSA

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.

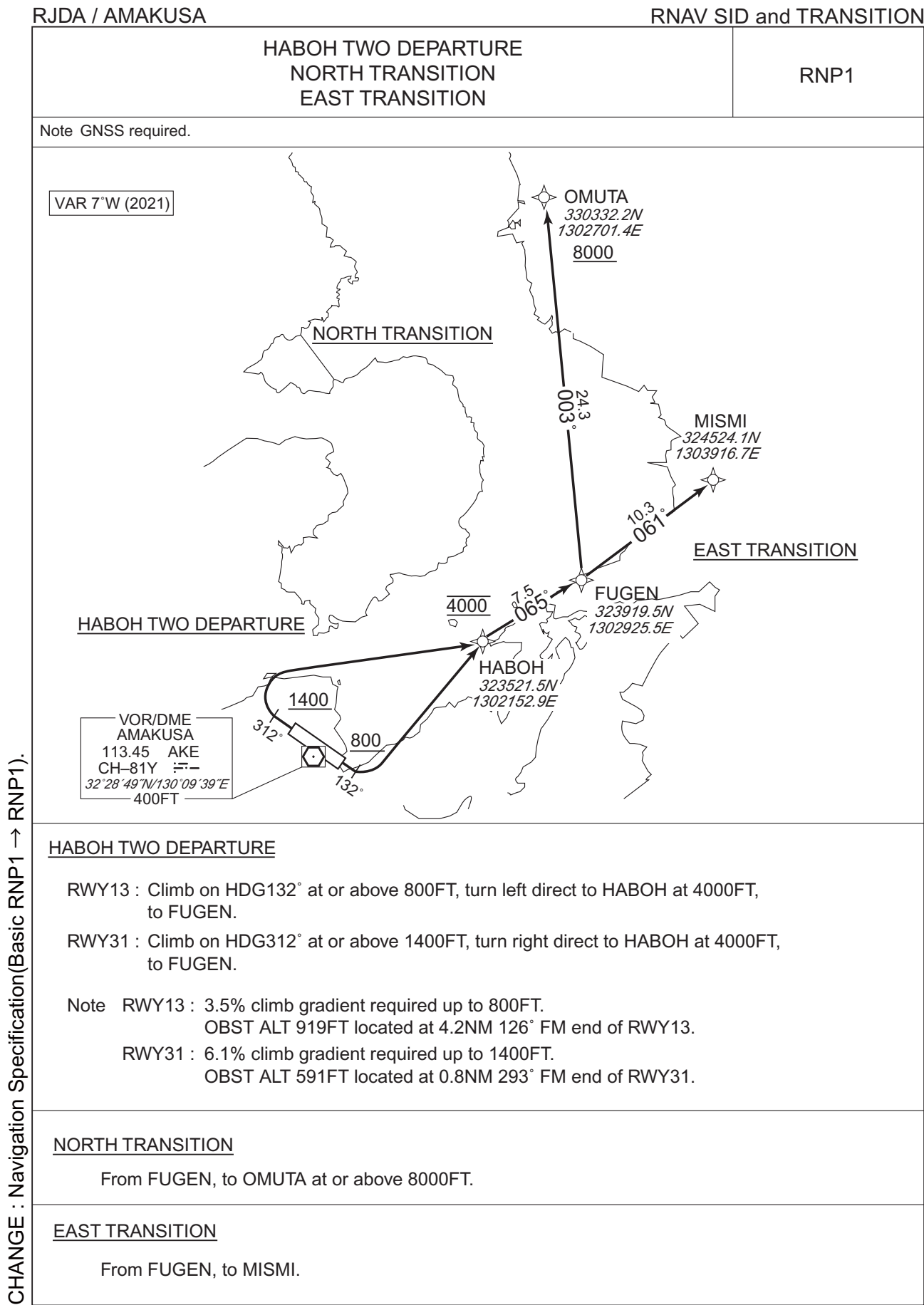
OBST ALT 1994FT located at 9.0NM 098° FM end of RWY13.

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



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT

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	-	-	RNP1
002	DF	HABOH	-	-	-7.4	-	L	4000	-	-	RNP1
003	TF	FUGEN	-	065 (058.0)	-7.4	7.5	-	-	-	-	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	-	-	RNP1
002	DF	HABOH	-	-	-7.4	-	R	4000	-	-	RNP1
003	TF	FUGEN	-	065 (058.0)	-7.4	7.5	-	-	-	-	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	-	-	-	-	-	RNP1
002	TF	OMUTA	-	003 (355.2)	-7.4	24.3	-	+8000	-	-	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	-	-	-	-	-	RNP1
002	TF	MISMI	-	061 (053.7)	-7.4	10.3	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

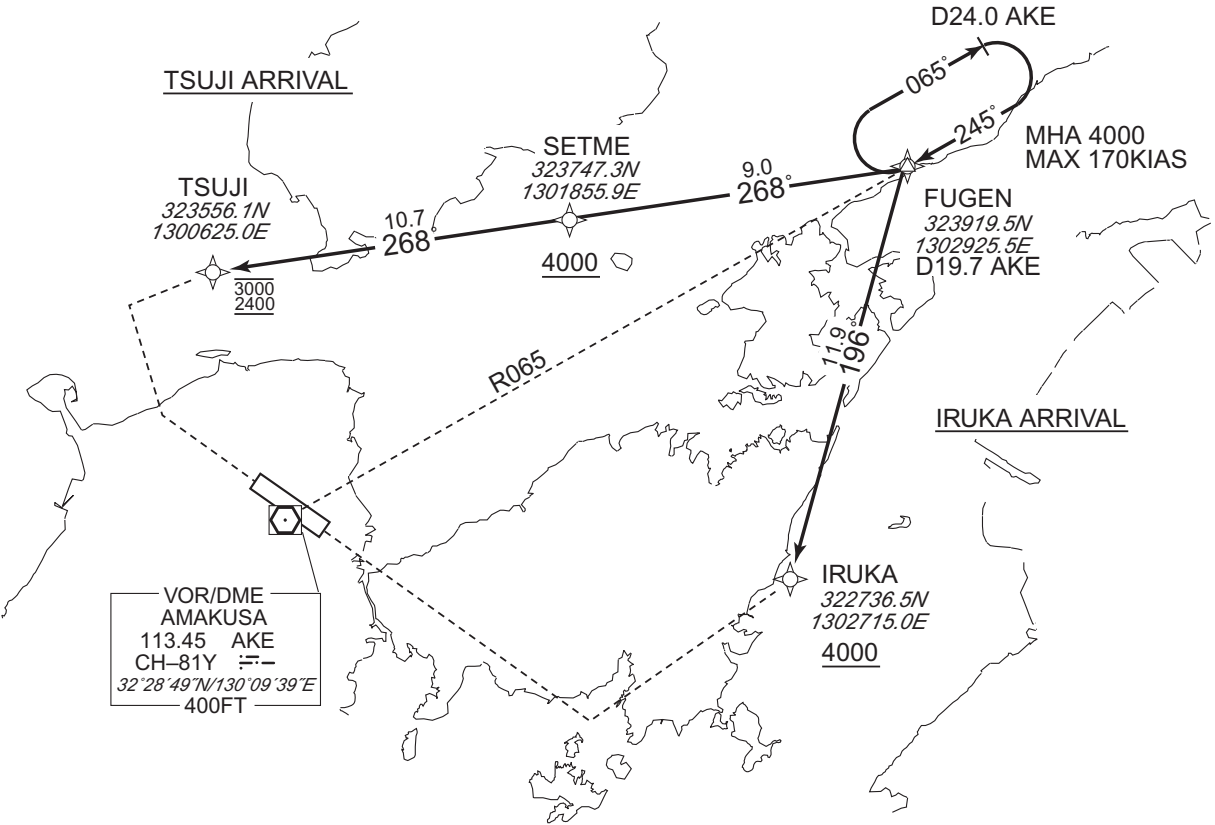
STANDARD ARRIVAL CHART - INSTRUMENT

RJDA / AMAKUSA RNAV STAR

IRUKA ARRIVAL TSUJI ARRIVAL	RNP1
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Note GNSS required.

VAR 7°W (2021)



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

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

## RJDA / AMAKUSA

VOR RWY31

VAR 7°W (2017)

• 956

10NM

615

MAPt D0.9 AKE

102°

R102

D7.0 AKE

1624

2238

114°

307°

SUMOT(FAF) D7.8 AKE

1528

360°

270°

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

EQPT REQUIRED  
DME

MSA 25NM

4600 6000 270° 4900 360° 3000 090° AKE

MHA 4000  
MAX 170KIAS

1248 540

SUMOT(FAF) : 322456.74N/1301741.72E

CHANGE: ATC FREQ(119.0 → 127.0, 122.9 → 134.0).

## AKR

Missed APCH climb gradient MNM 5.0%

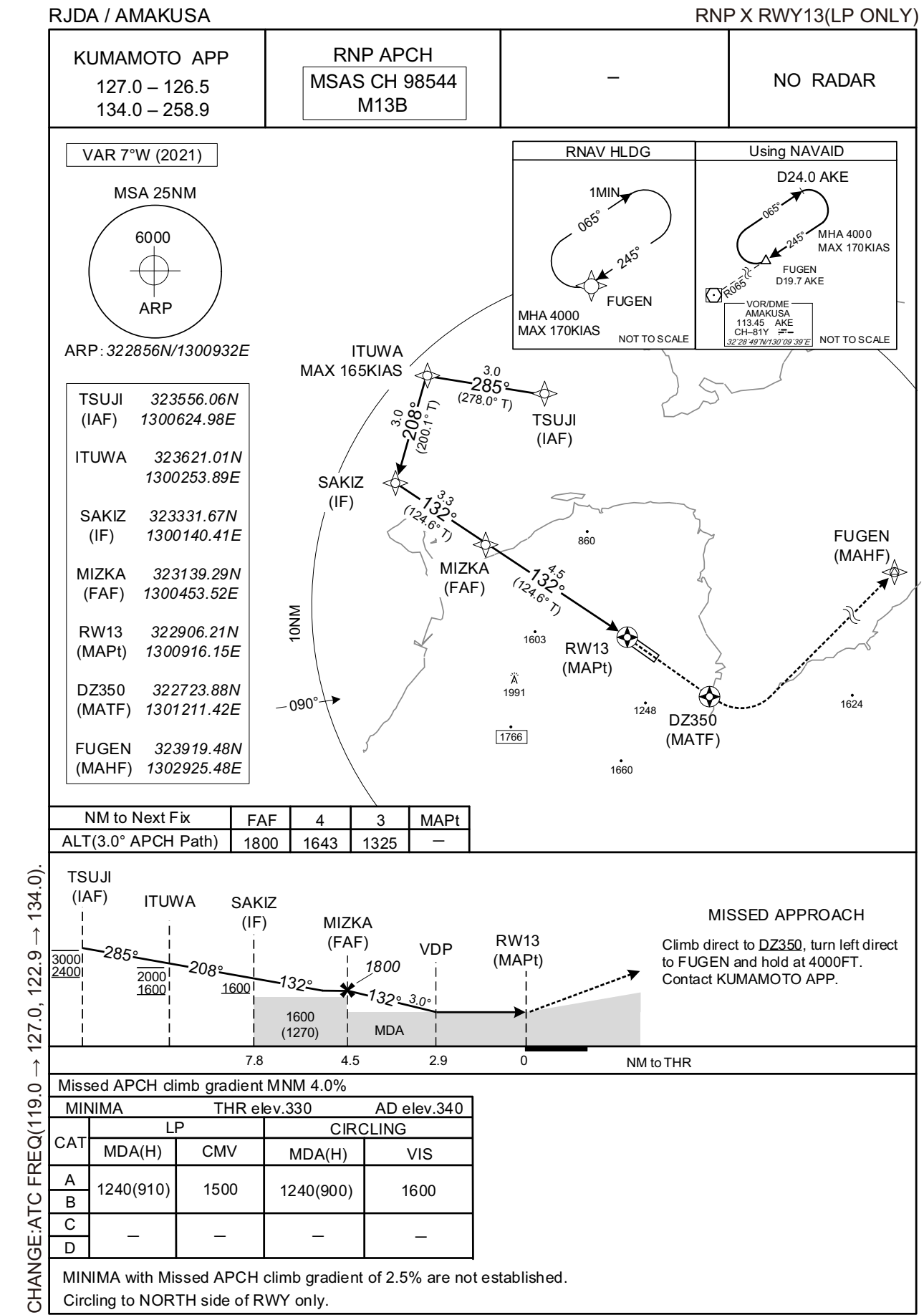
MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART



CHANGE:ATC FREQ(119.0 → 127.0, 122.9 → 134.0).

INSTRUMENT APPROACH CHART





## 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 FAS DATA BLOCK ITEM(CRC remainder).

INSTRUMENT APPROACH CHART

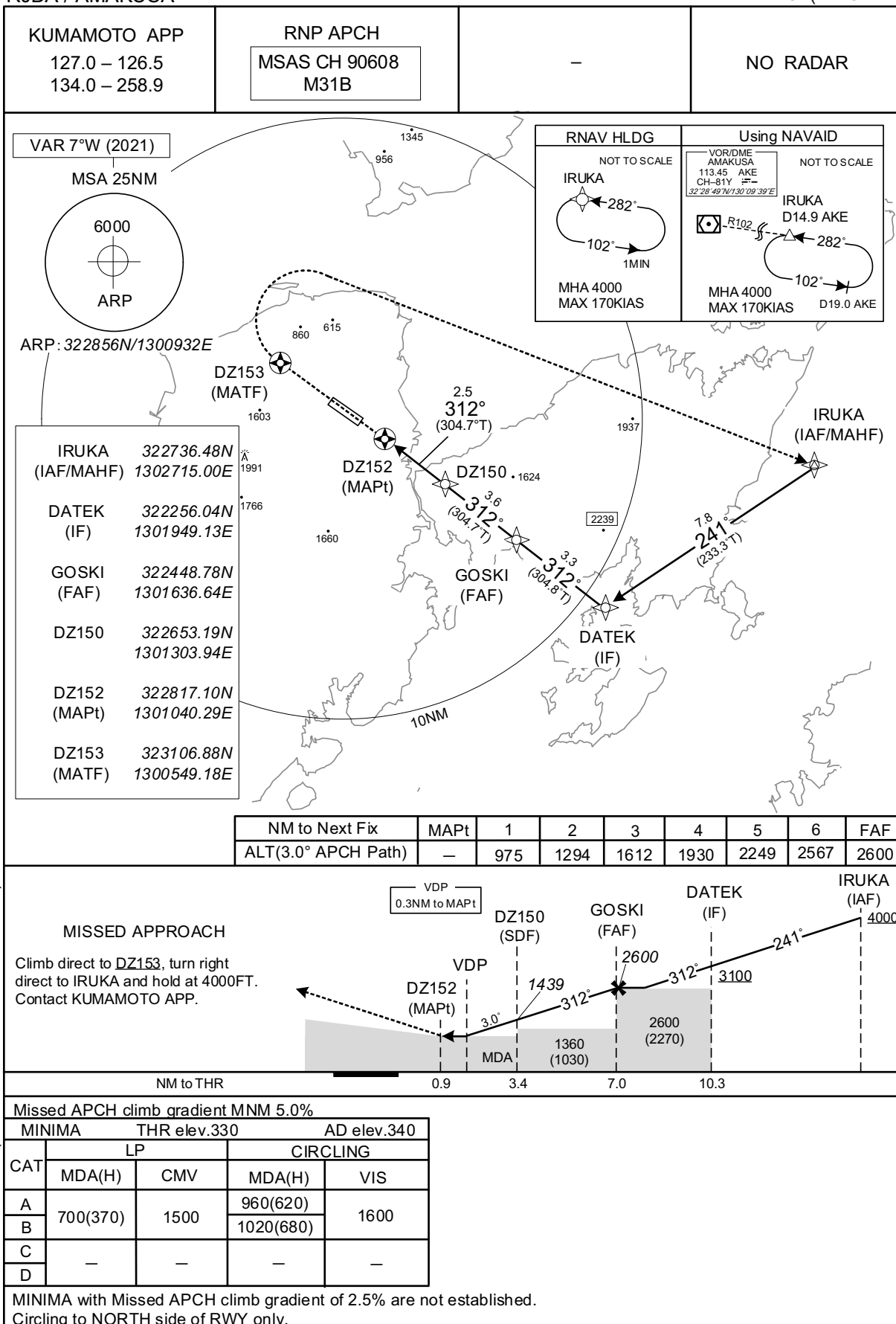


CHANGE:ATC FREQ(119.0 → 127.0, 122.9 → 134.0).

## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNP X RWY31(LP ONLY)



CHANGE:ATC FREQ(119.0 → 127.0, 122.9 → 134.0).

## 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 FAS DATA BLOCK ITEM(CRC remainder).

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



