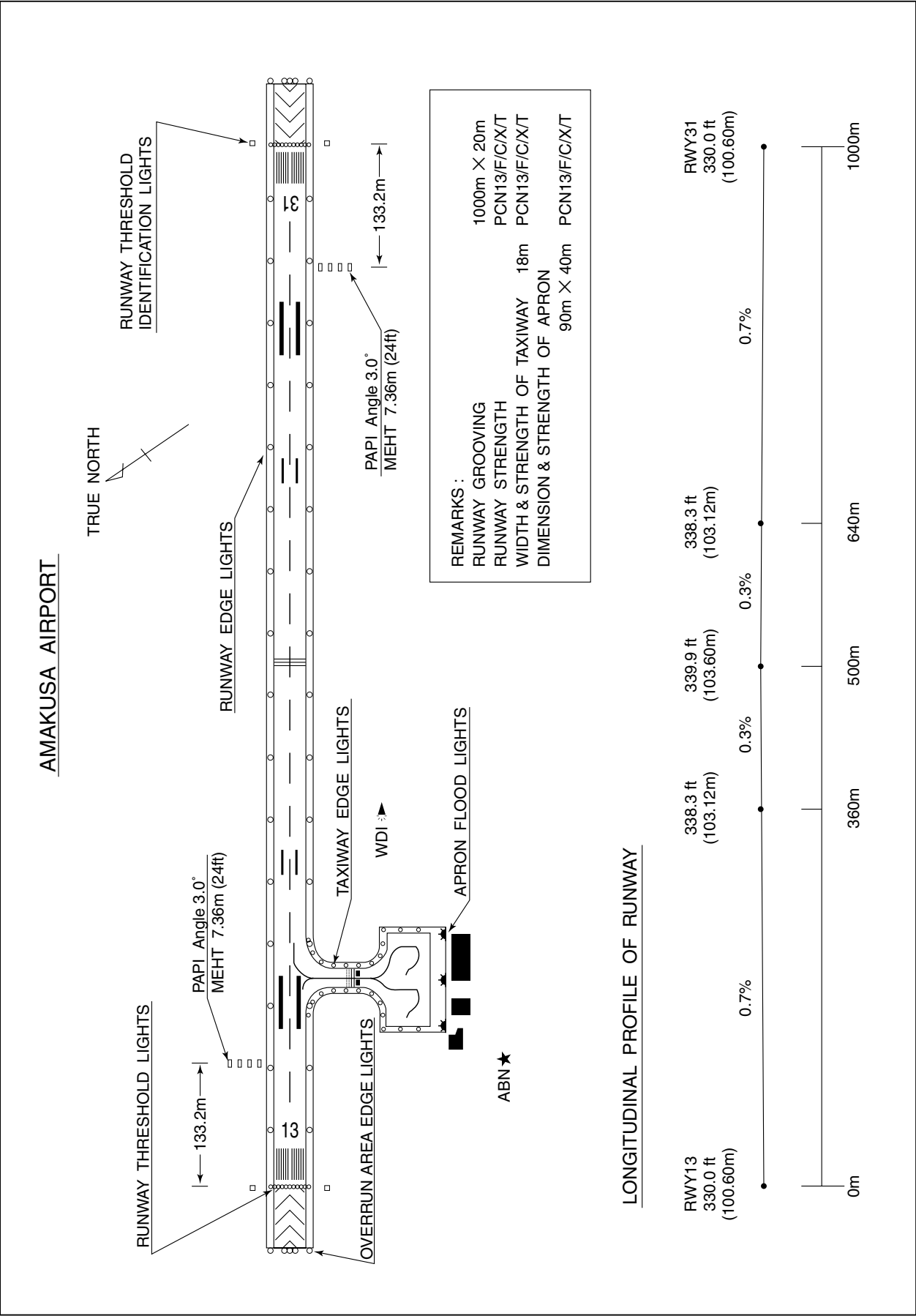


RJDA / AMAKUSA

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

RJDA / AMAKUSA

RNAV SID and TRANSITION

HABOH TWO DEPARTURE  
NORTH TRANSITION  
EAST TRANSITION

Basic RNP1

Note GNSS required.

**HABOH TWO DEPARTURE**

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

RWY31 : Climb on HDG312° 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 125° FM end of RWY13.

RWY31 : 6.1% climb gradient required up to 1400FT.  
OBST ALT 591FT located at 0.8NM 292° 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 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)	-7.0	—	—	+800	—	—	Basic RNP1
002	DF	HABOH	—	—	-7.0	—	L	4000	—	—	Basic RNP1
003	TF	FUGEN	—	065 (058.0)	-7.0	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)	-7.0	—	—	+1400	—	—	Basic RNP1
002	DF	HABOH	—	—	-7.0	—	R	4000	—	—	Basic RNP1
003	TF	FUGEN	—	065 (058.0)	-7.0	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	—	—	-7.0	—	—	—	—	—	Basic RNP1
002	TF	OMUTA	—	002 (355.2)	-7.0	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	—	—	-7.0	—	—	—	—	—	Basic RNP1
002	TF	MISMI	—	061 (053.7)	-7.0	10.3	—	—	—	—	Basic RNP1

## STANDARD ARRIVAL CHART - INSTRUMENT

RJDA / AMAKUSA

RNAV STAR

IRUKA ARRIVAL  
TSUJI ARRIVAL

Basic RNP1

Note GNSS required.

VAR 7°W (2016)

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	—	—	-7.0	—	—	—	—	—	Basic RNP1
002	TF	IRUKA	—	196 (188.9)	-7.0	11.9	—	+4000	—	—	Basic RNP1

TSUJI ARRIVAL

From FUGEN, to SETME at or above 4000FT, to TSUJI at or above 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	—	—	-7.0	—	—	—	—	—	Basic RNP1
002	TF	SETME	—	267 (260.2)	-7.0	9.0	—	+4000	—	—	Basic RNP1
003	TF	TSUJI	—	267 (260.1)	-7.0	10.7	—	+2400	—	—	Basic RNP1

## RJDA / AMAKUSA

VOR RWY31

VAR 7°W (2017)

• 956

10NM

615

MAPt  
D0.9 AKE

102°

1991

282°

MHA 4000  
MAX 170KIAS

1248

540

102°

D7.0 AKE

1624

114°

2238

307°

307°

SUMOT(FAF)  
D7.8 AKE

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

1528

360°

SUMOT(FAF) : 322456.74N/1301741.72E

EQPT REQUIRED  
DME

MSA 25NM

4600

6000

AKE

090°

270°

3000

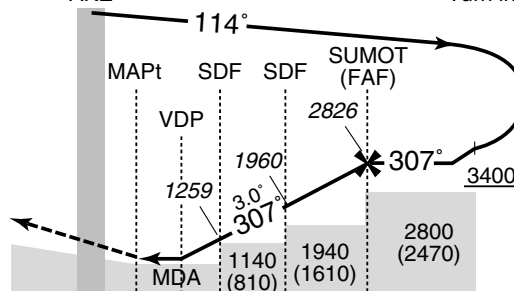
4900

360°

### MISSED APPROACH

AKE

## Turn initiation within D11.0 AKE

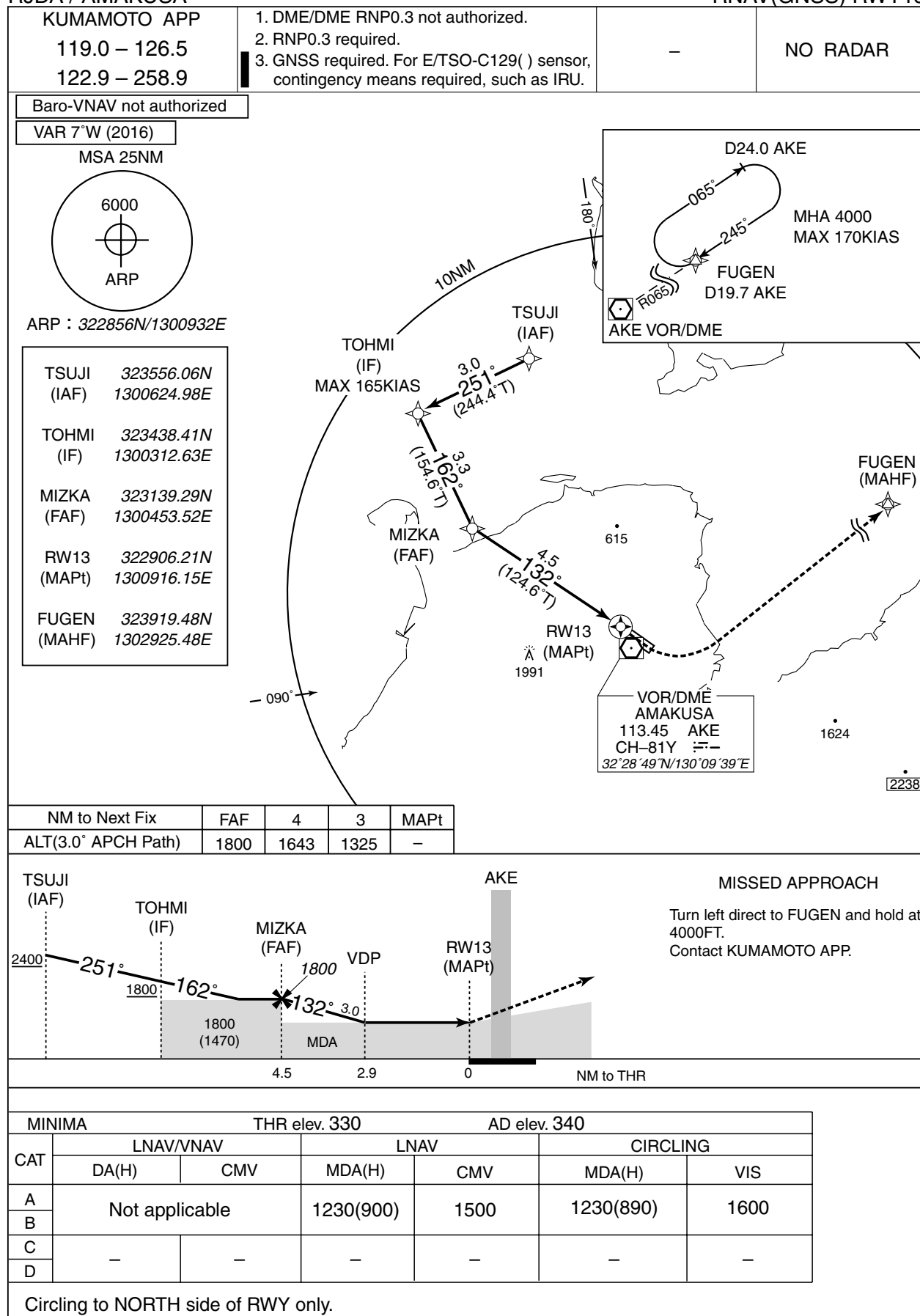
Missed APCH climb gradient MNM 5.0%

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

## INSTRUMENT APPROACH CHART

## RJDA / AMAKUSA

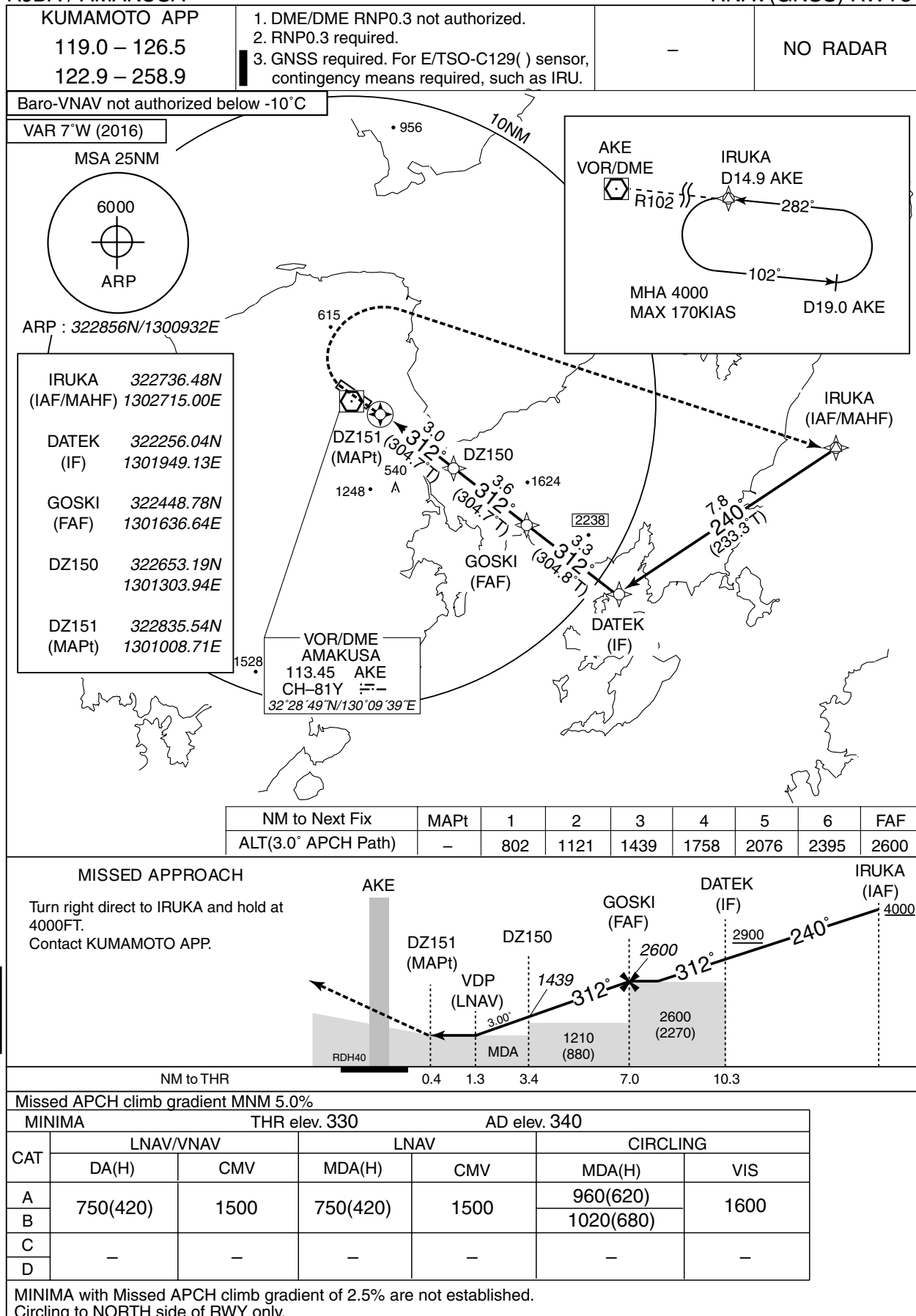
## RNAV(GNSS) RWY13



## INSTRUMENT APPROACH CHART

RJDA / AMAKUSA

RNAV(GNSS) RWY31





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

RJDA / AMAKUSA

LDG CHART



