

RJKB / OKIERABU

AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

SID

MEKAX NORTH TWO DEPARTURE

RWY04 : Climb RWY HDG until 500FT, turn left...

RWY22 : Climb RWY HDG until 600FT, turn left...

... via ONC R026 to MEKAX.

YUWAN FIVE DEPARTURE

RWY04 : Climb RWY HDG until 500FT,...

RWY22 : Climb RWY HDG until 600FT, turn left...

... via ONC R047 to YUWAN.

Cross YUWAN at assigned altitude.

ASATO EIGHT DEPARTURE

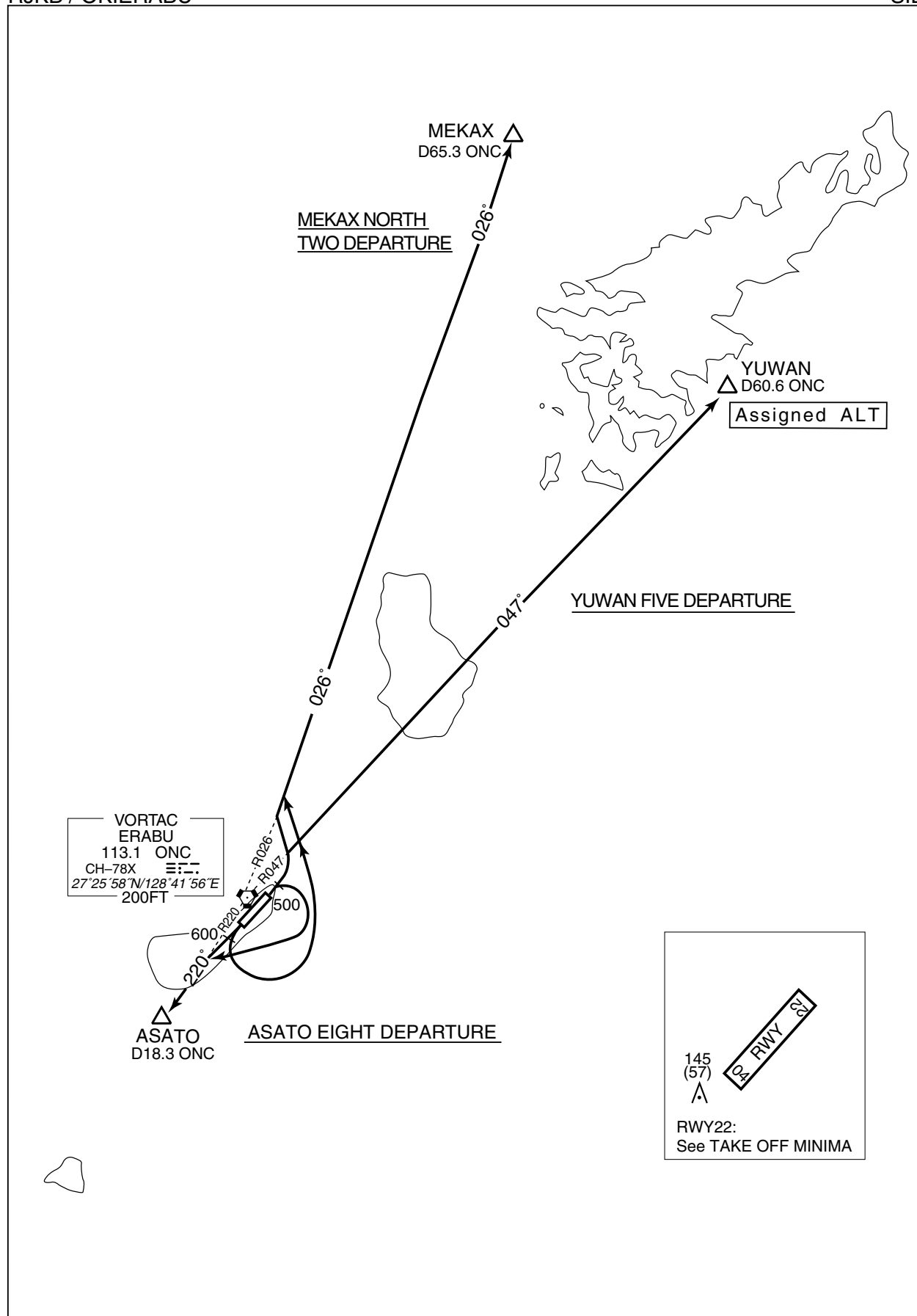
RWY04 : Climb RWY HDG until 500FT, turn right...

RWY22 : Climb RWY HDG until 600FT,...

... via ONC R220 to ASATO.

RJKB / OKIERABU

SID



## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

SID

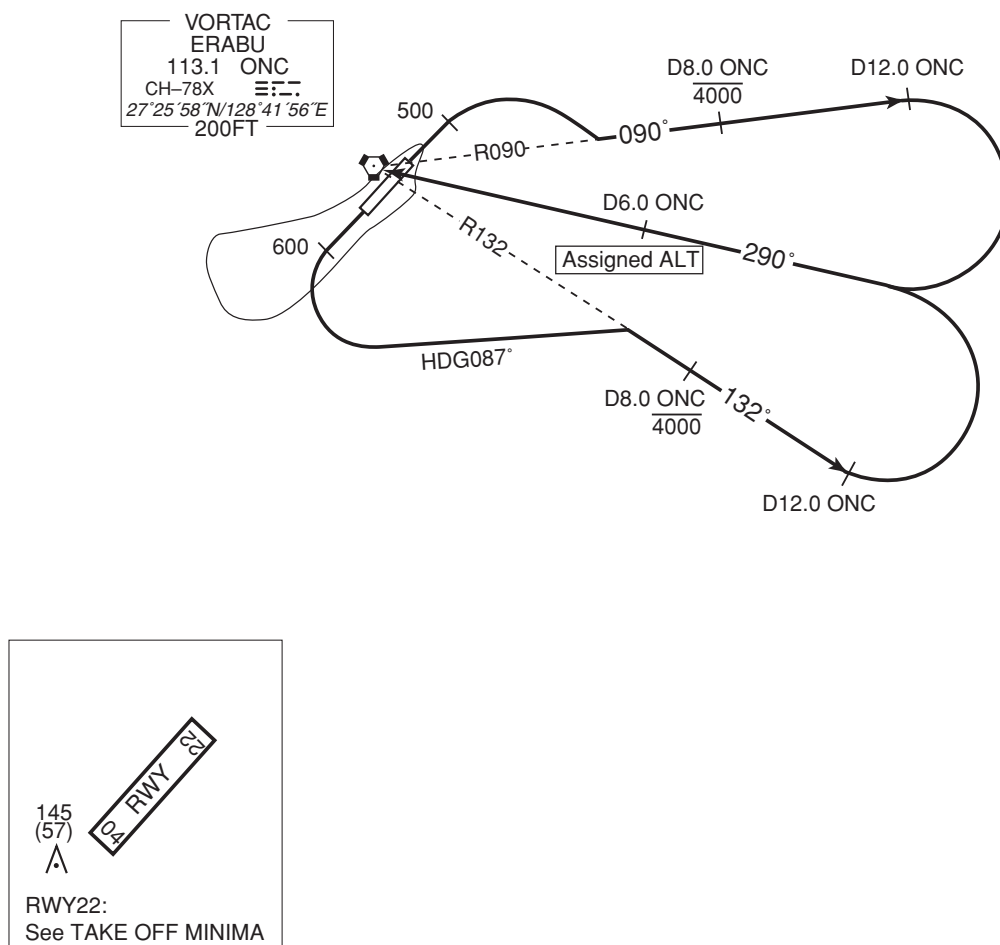
ERABU REVERSAL ONE DEPARTURE

RWY04 : Climb RWY HDG until 500FT, turn right, via ONC R090 to ONC 12.0DME, turn right, via ONC R110 to ONC VORTAC.

Cross ONC R090/8.0DME at or below 4000FT, cross ONC R110/6.0DME at assigned altitude.

RWY22 : Climb RWY HDG until 600FT, turn left HDG087 to intercept and proceed via ONC R132 to ONC 12.0DME, turn left, via ONC R110 to ONC VORTAC.

Cross ONC R132/8.0DME at or below 4000FT, cross ONC R110/6.0DME at assigned altitude.

ERABU REVERSAL ONE DEPARTURE

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

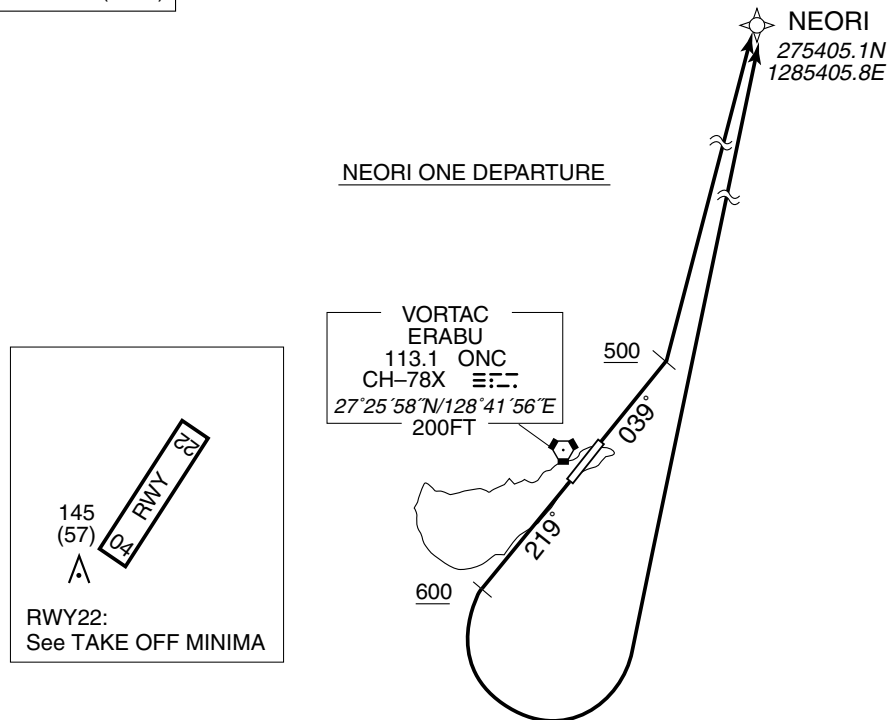
RNAV SID

## NEORI ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5° W(2015)



## NEORI ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn left direct to NEORI.

RWY22: Climb on HDG219° at or above 600FT, turn left direct to NEORI.

## RWY04

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	—	—	039 (034.1)	-5.4	—	—	+500	—	—	Basic RNP1
002	DF	NEORI	—	—	-5.4	—	L	—	—	—	Basic RNP1

## RWY22

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	—	—	219 (214.1)	-5.4	—	—	+600	—	—	Basic RNP1
002	DF	NEORI	—	—	-5.4	—	L	—	—	—	Basic RNP1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV TRANSITION

MEKAX TRANSITION

RNAV1

Note 1 ) DME/DME/IRU or GNSS required.

2 ) RADAR service required.

Critical DME

DME GAP

Inappropriate Nav aids

ALT : 28NM to MEKAX - MEKAX  
ONC : 13NM to MEKAX - MEKAX

NEORI - 28NM to MEKAX

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 5° W(2015)

MEKAX TRANSITION

MEKAX  
282654.7N  
1290826.4E

35.2  
026°

NEORI  
275405.1N  
1285405.8E

MEKAX TRANSITION

From NEORI to MEKAX.

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	NEORI	—	—	-5.4	—	—	—	—	—	RNAV1
002	TF	MEKAX	—	026 (021.0)	-5.4	35.2	—	—	—	—	RNAV1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

## AZEFU TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5° W(2015)

AZEFU TWO DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

RWY22: Climb on HDG219° at or above 600FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

## RWY04

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	—	—	039 (034.1)	-5.4	—	—	+500	—	—	Basic RNP1
002	DF	AZEFU	—	—	-5.4	—	L	-5000	—	—	Basic RNP1
003	TF	INOBE	—	026 (020.9)	-5.4	16.4	—	—	—	—	Basic RNP1

## RWY22

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	—	—	219 (214.1)	-5.4	—	—	+600	—	—	Basic RNP1
002	DF	AZEFU	—	—	-5.4	—	L	-5000	—	—	Basic RNP1
003	TF	INOBE	—	026 (020.9)	-5.4	16.4	—	—	—	—	Basic RNP1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV TRANSITION

INOBE TRANSITION			RNAV1
Note 1 ) DME/DME/IRU or GNSS required.  2 ) RADAR service required.	Critical DME	ALT : INOBE - MEKAX ONC : INOBE - 28NM to MEKAX 13NM to MEKAX - MEKAX	
	DME GAP	-	
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

VAR 5° W(2015)

INOBE TRANSITIONINOBE TRANSITION

From INOBE to MEKAX.

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	INOBE	-	-	-5.4	-	-	-	-	-	RNAV1
002	TF	MEKAX	-	039 (033.3)	-5.4	37.2	-	-	-	-	RNAV1



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

SONNA ONE DEPARTURE

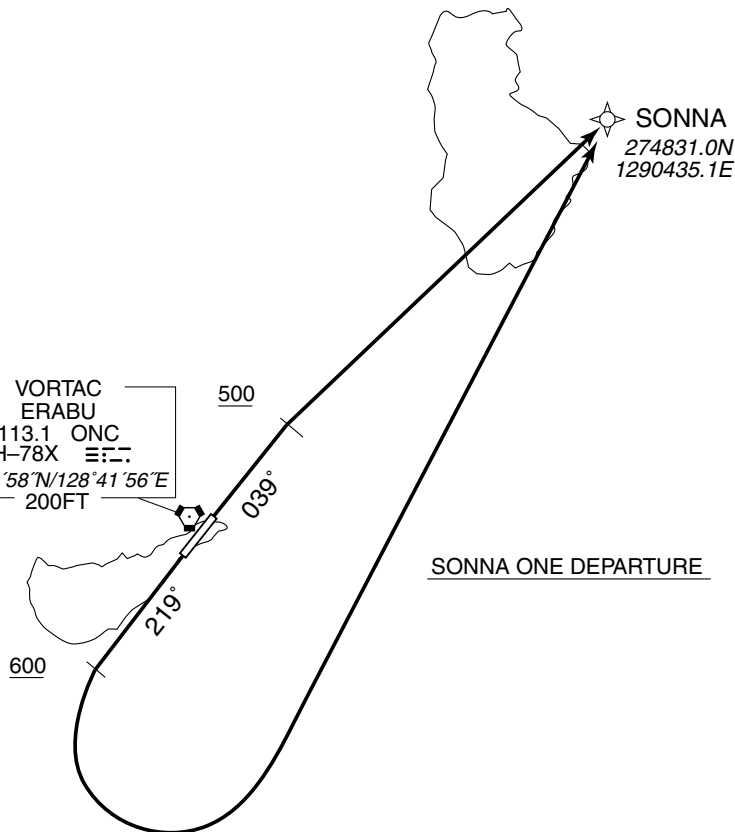
Basic RNP1

Note GNSS required.

VAR 5° W(2015)



VORTAC  
ERABU  
113.1 ONC  
CH-78X  
27°25'58"N/128°41'56"E  
200FT



SONNA ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, direct to SONNA.

RWY22: Climb on HDG219° at or above 600FT, turn left direct to SONNA.

RWY04

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	—	—	039 (034.1)	-5.4	—	—	+500	—	—	Basic RNP1
002	DF	SONNA	—	—	-5.4	—	—	—	—	—	Basic RNP1

RWY22

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	—	—	219 (214.1)	-5.4	—	—	+600	—	—	Basic RNP1
002	DF	SONNA	—	—	-5.4	—	L	—	—	—	Basic RNP1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV TRANSITION

YUWAN TRANSITION			RNAV1
Note 1 ) DME/DME/IRU or GNSS required.  2 ) RADAR service required.	Critical DME	TKE, ALT : 23NM to YUWAN - 20NM to YUWAN	
	DME GAP	SONNA - 23NM to YUWAN 20NM to YUWAN - YUWAN	
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

VAR 5° W(2015)



YUWAN TRANSITION  
From SONNA to YUWAN.

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	SONNA	—	—	-5.4	—	—	—	—	—	RNAV1
002	TF	YUWAN	—	047 (041.8)	-5.4	30.4	—	—	—	—	RNAV1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

## YUNTA ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5° W(2015)

YUNTA ONE DEPARTURE

RWY04: Climb on HDG039° at or above 500FT, turn right direct to ASATO.

RWY22: Climb on HDG219° at or above 600FT, direct to ASATO.

## RWY04

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	—	—	039 (034.1)	-5.4	—	—	+500	—	—	Basic RNP1
002	DF	ASATO	—	—	-5.4	—	R	—	—	—	Basic RNP1

## RWY22

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	—	—	219 (214.1)	-5.4	—	—	+600	—	—	Basic RNP1
002	DF	ASATO	—	—	-5.4	—	—	—	—	—	Basic RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY04

HACHA SOUTH ARRIVAL PINNE SOUTH ARRIVAL	Basic RNP1
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Note GNSS required.

VAR 5°W (2015)



## STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY04

HACHA SOUTH ARRIVAL

From HACHA, to DINGO at or above 3000FT, to GOMES at or above 2000FT.

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	HACHA	—	—	-5.4	—	—	—	—	—	Basic RNP1
002	TF	DINGO	—	199 (194.0)	-5.4	45.2	—	+3000	—	—	Basic RNP1
003	TF	GOMES	—	218 (212.2)	-5.4	11.0	—	+2000	—	—	Basic RNP1

PINNE SOUTH ARRIVAL

From PINNE, to DINGO at or above 3000FT, to GOMES at or above 2000FT.

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	PINNE	—	—	-5.4	—	—	—	—	—	Basic RNP1
002	TF	DINGO	—	218 (212.3)	-5.4	28.1	—	+3000	—	—	Basic RNP1
003	TF	GOMES	—	218 (212.2)	-5.4	11.0	—	+2000	—	—	Basic RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY22

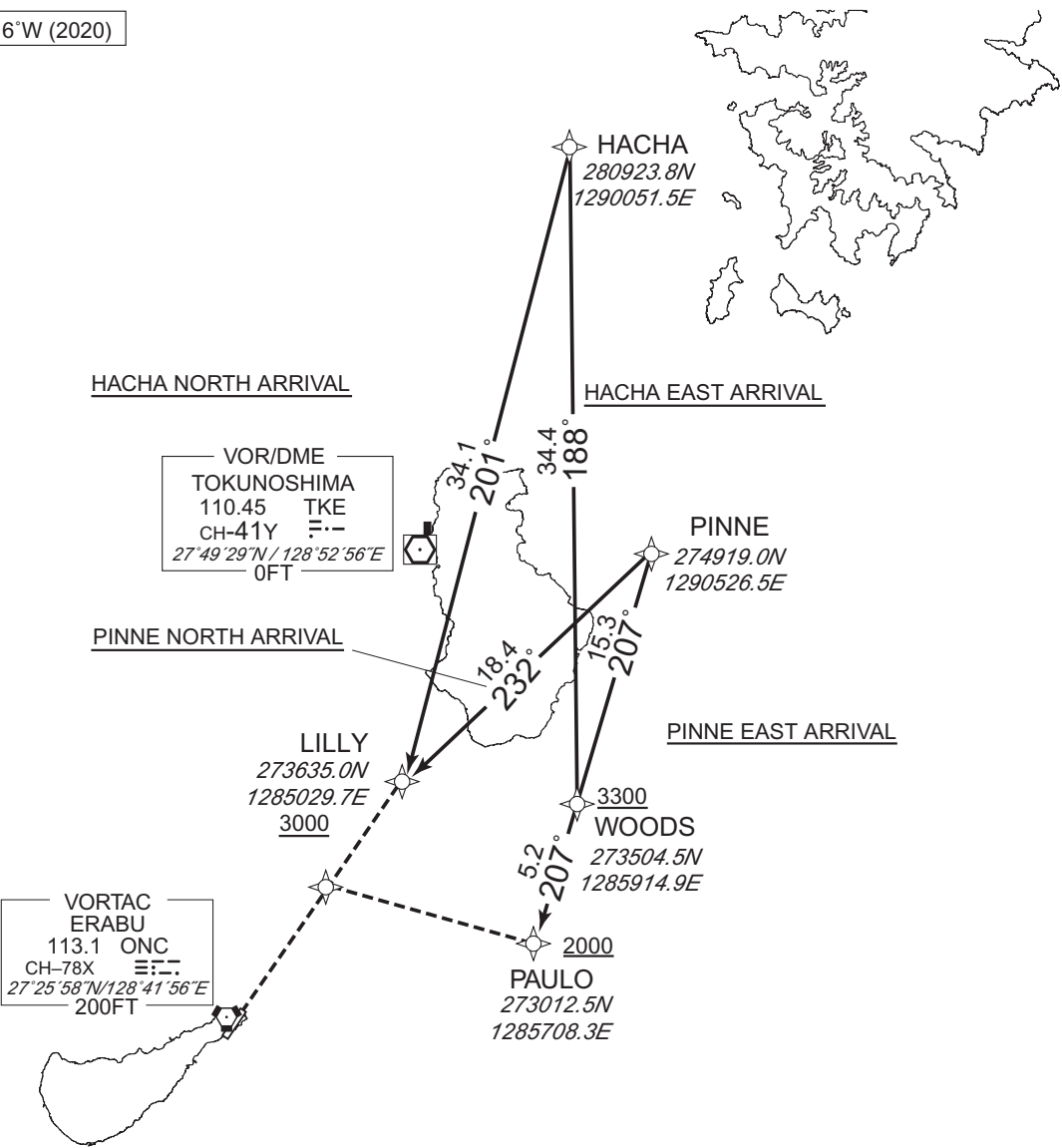
HACHA NORTH ARRIVAL / HACHA EAST ARRIVAL  
PINNE NORTH ARRIVAL / PINNE EAST ARRIVAL

Basic RNP1

Note GNSS required.

VAR 6°W (2020)

CHANGE : VAR. PINNE NORTH ARRIVAL established. HACHA NORTH ARRIVAL(HOLLY→LILLY). Course FM PINNE to WOODS. Course FM WOODS to PAULO.



## STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY22

HACHA NORTH ARRIVAL

From HACHA, to LILLY at or above 3000FT.

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	HACHA	—	—	-5.9	—	—	—	—	—	Basic RNP1
002	TF	LILLY	—	201 (195.6)	-5.9	34.1	—	+3000	—	—	Basic RNP1

HACHA EAST ARRIVAL

From HACHA, to WOODS at or above 3300FT, to PAULO at or above 2000FT.

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	HACHA	—	—	-5.9	—	—	—	—	—	Basic RNP1
002	TF	WOODS	—	188 (182.4)	-5.9	34.4	—	+3300	—	—	Basic RNP1
003	TF	PAULO	—	207 (201.0)	-5.9	5.2	—	+2000	—	—	Basic RNP1

PINNE NORTH ARRIVAL

From PINNE, to LILLY at or above 3000FT.

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	PINNE	—	—	-5.9	—	—	—	—	—	Basic RNP1
002	TF	LILLY	—	232 (226.2)	-5.9	18.4	—	+3000	—	—	Basic RNP1

PINNE EAST ARRIVAL

From PINNE, to WOODS at or above 3300FT, to PAULO at or above 2000FT.

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	PINNE	—	—	-5.9	—	—	—	—	—	Basic RNP1
002	TF	WOODS	—	207 (201.1)	-5.9	15.3	—	+3300	—	—	Basic RNP1
003	TF	PAULO	—	207 (201.0)	-5.9	5.2	—	+2000	—	—	Basic RNP1

CHANGE : VAR. PINNE NORTH ARRIVAL established. HACHA NORTH ARRIVAL(HOLLY→LILLY). Course FM PINNE to WOODS. Course FM WOODS to PAULO.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR Z RWY04



MINIMA	THR elev. 98	AD elev. 88		
CAT	MDA(H)	CMV	MDA(H)	VIS
A	490 (402)	1500	500 (412)	1600
B	510 (422)		540 (452)	
C	540 (452)	2000		2400
D	—	—	—	—

Circling to EAST side of RWY only.

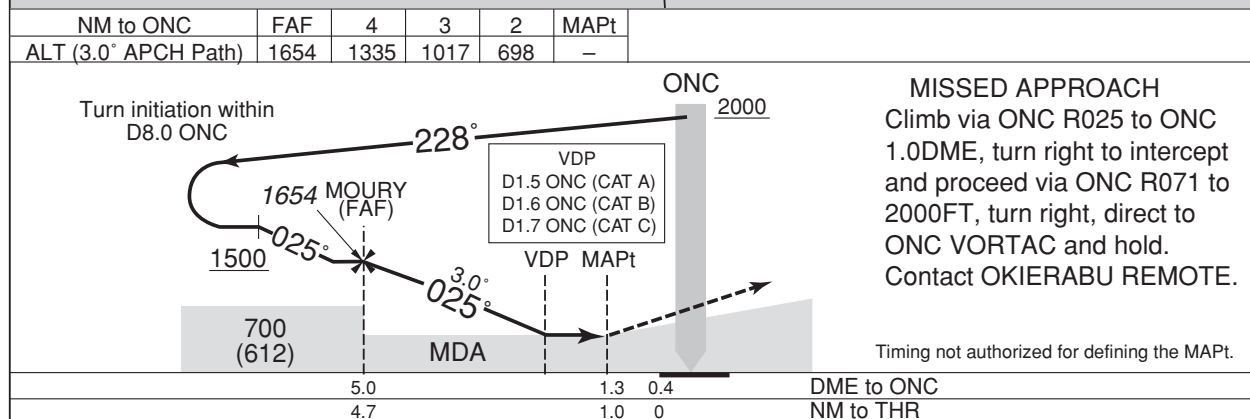
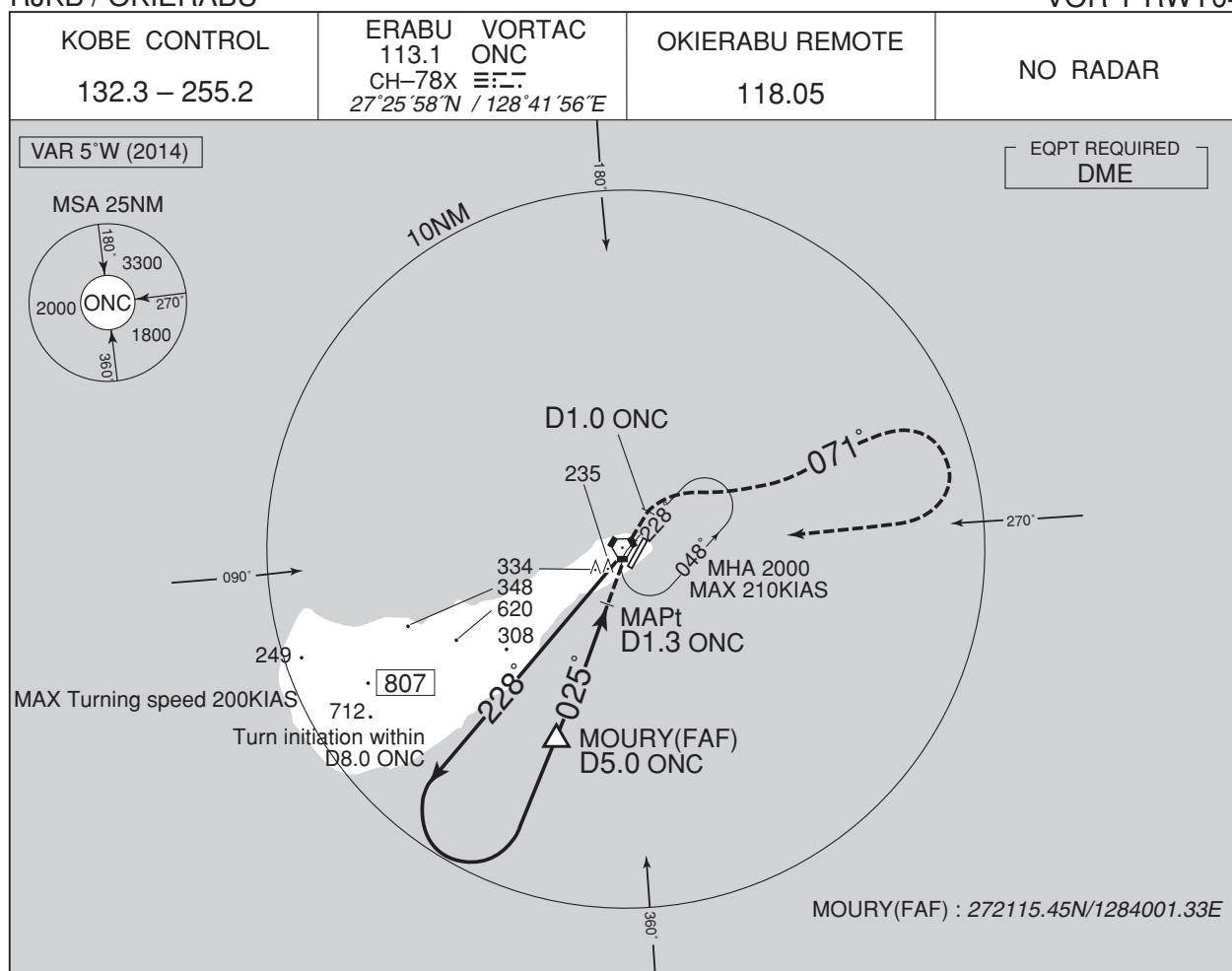
CHANGE : COM



## INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR Y RWY04

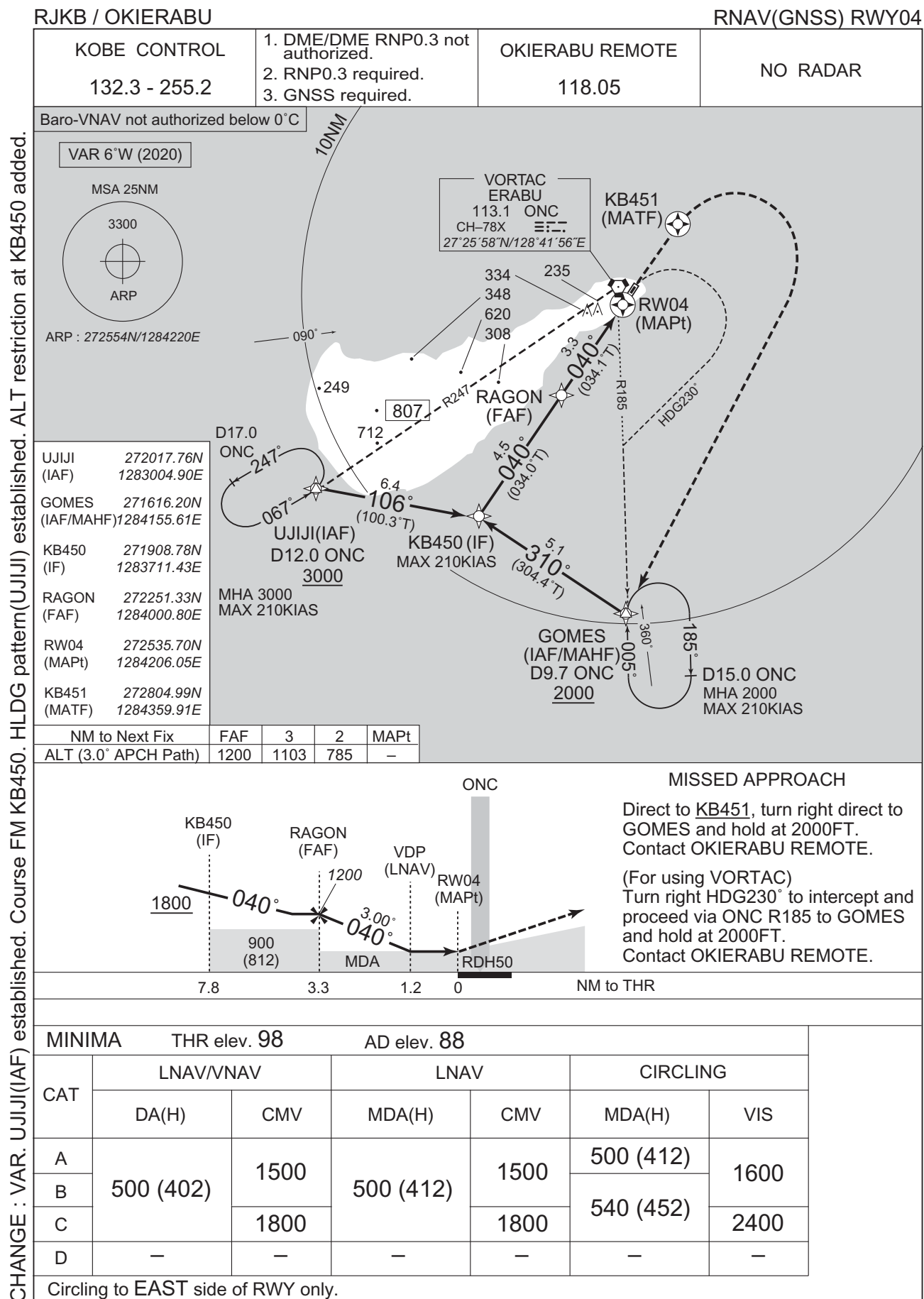


MINIMA		THR elev. 98	AD elev. 88	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	490 (402)	1500	500 (412)	1600
B	510 (422)		540 (452)	
C	540 (452)	2000		
D	—	—	—	—

Circling to EAST side of RWY only.

CHANGE : COM

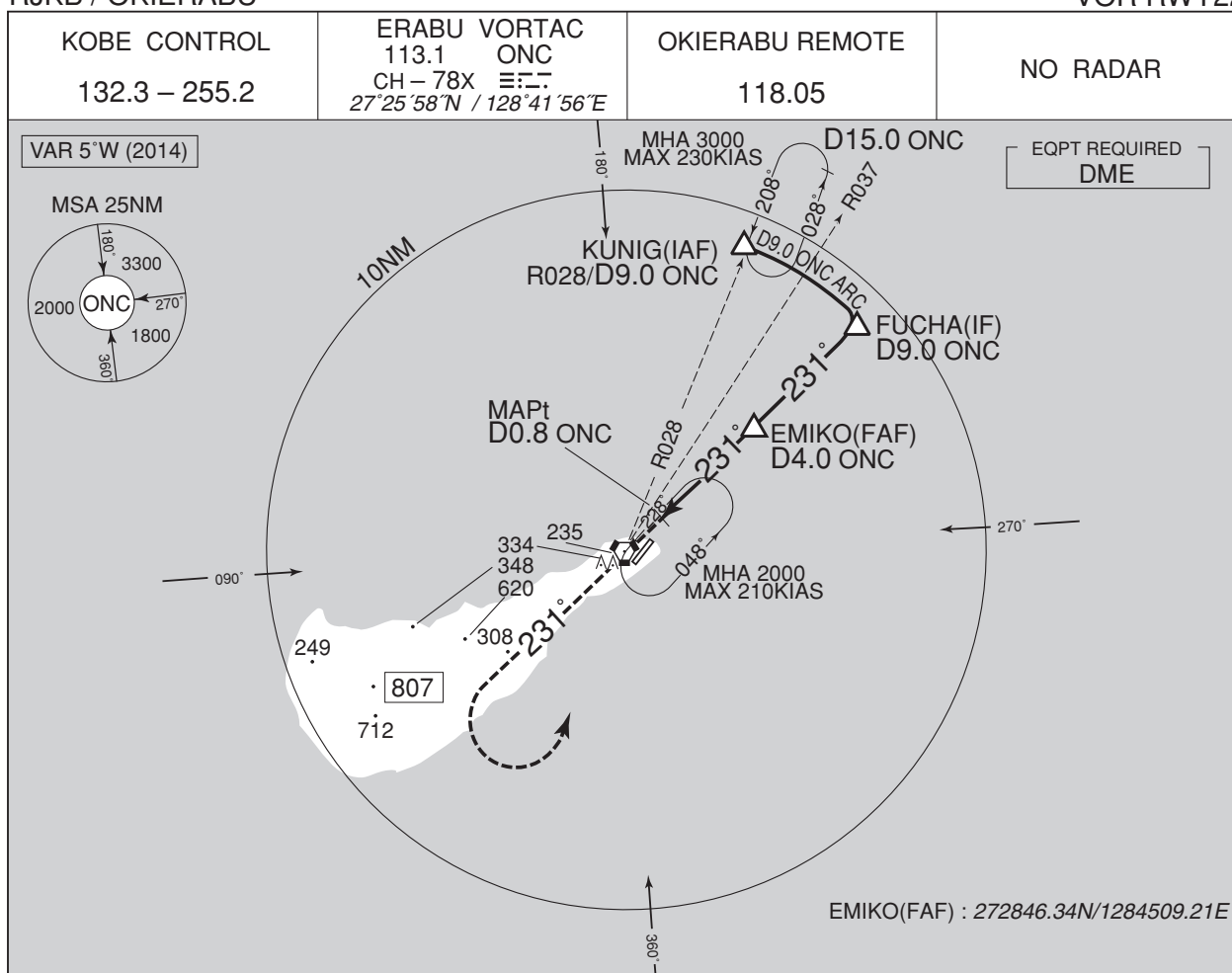
## INSTRUMENT APPROACH CHART



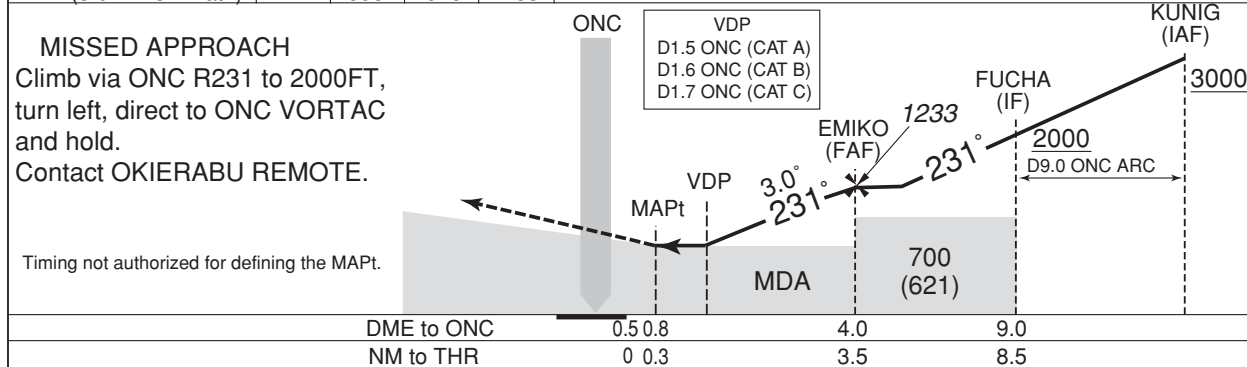
## INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR RWY22



NM to ONC	MAPt	2	3	FAF
ALT (3.0° APCH Path)	—	596	915	1233



MINIMA		THR elev. 79	AD elev. 88	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	420 (341)	1500	500 (412)	1600
B	460 (381)		540 (452)	
C	490 (411)	1800		
D	—	—	—	—

Circling to EAST side of RWY only.

CHANGE : COM

## RJKB / OKIERABU

## RNAV(GNSS) RWY22

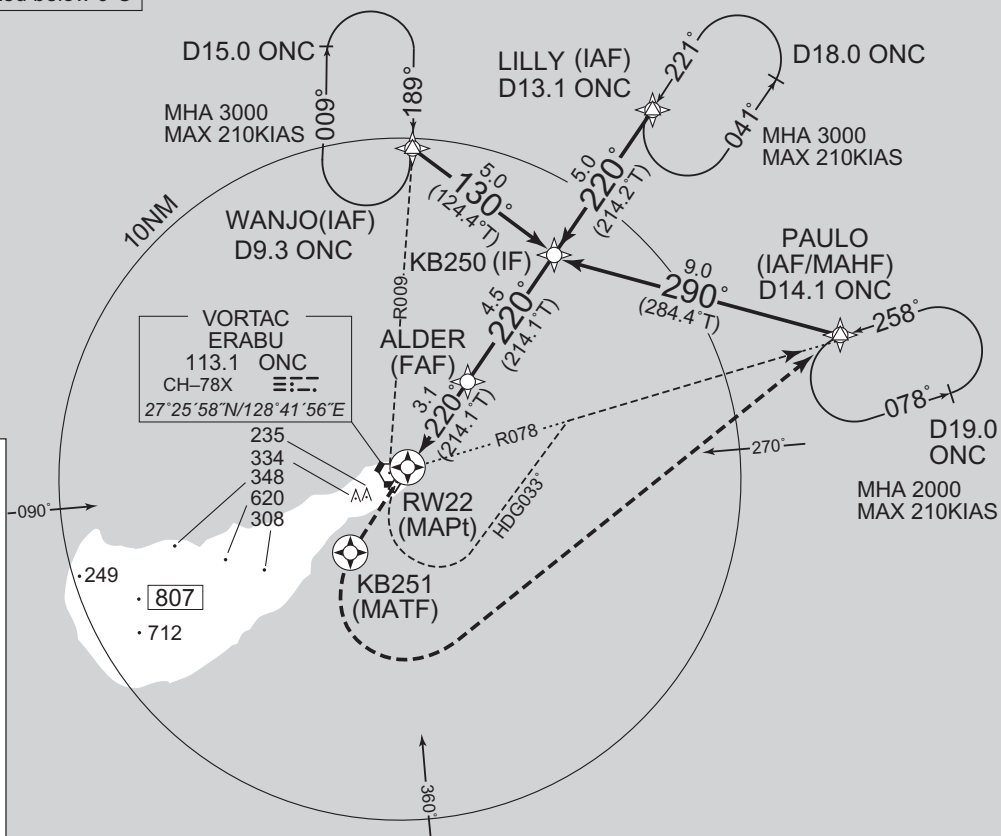
Baro-VNAV not authorized below 0°C

MSA 25NM



ARP : 272554N/1284220E

WANJO (IAF)	273515.72N 1284240.37E
LILLY (IAF)	273635.03N 1285029.73E
PAULO (IAF/MAHF)	273012.52N 1285708.30E
KB250 (IF)	273226.35N 1284719.51E
ALDER (FAF)	272843.74N 1284429.49E
RW22 (MAPt)	272611.90N 1284233.65E
KB251 (MATF)	272342.59N 1284039.85E



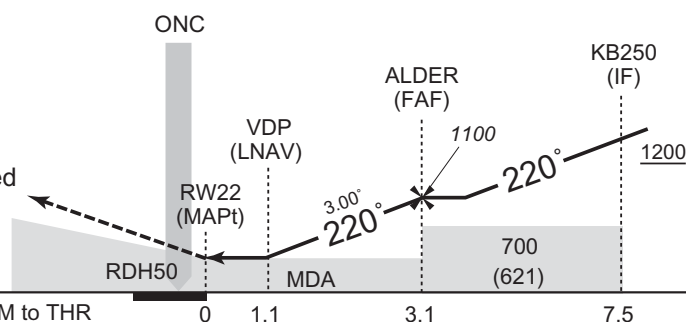
NM to Next Fix	MAPt	1	2	3	FAF
ALT (3.0° APCH Path)	—	446	765	1083	1100

Direct to KB251, turn left direct to PAULO  
and hold at 2000FT.  
Contact OKIERABU REMOTE.

(For using VORTAC)

Turn left HDG033° to intercept and proceed via ONC R078 to PAULO and hold at 2000FT.

Contact OKIERABU REMOTE.



MINIMA		THR elev. 79		AD elev. 88		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	440 (361)	1500	440 (361)	1500	500 (412)	1600
B		1800		1800	540 (452)	
C					2400	
D	—	—	—	—	—	—

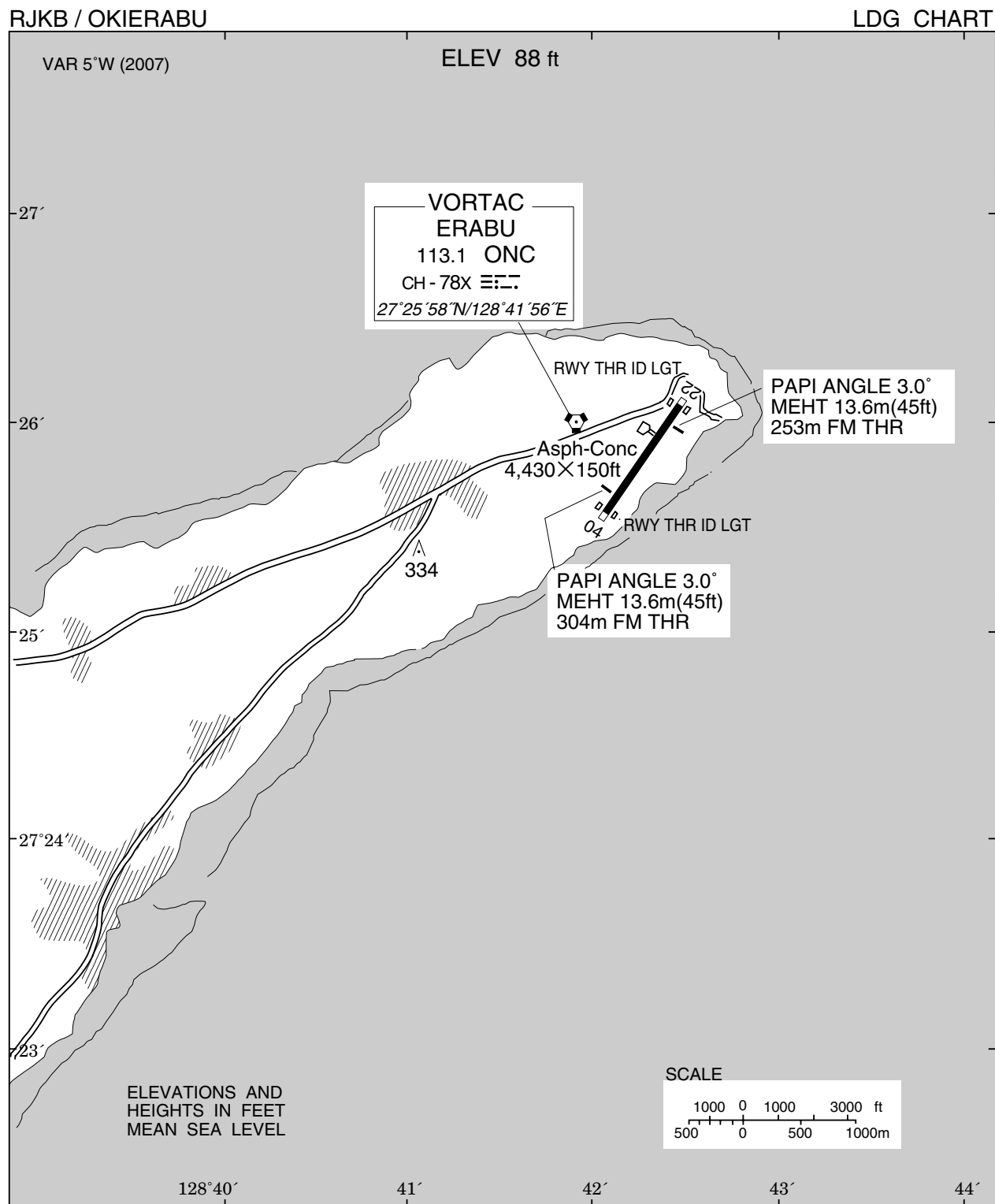
Circling to **EAST** side of RWY only.

RJKB / OKIERABU

Visual REP



Call sign	BRG / DIST from ARP	Remarks
10NM N	000° / 10NM	海上 Over the sea
10NM NE	045° / 10NM	海上 Over the sea
10NM SW	225° / 10NM	海上 Over the sea
田 皆 Tamina	260° / 9.5NM	岬 Cape



RJKB / OKIERABU

Minimum Vectoring Altitude CHART

