

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

SID

ERABU REVERSAL TWO DEPARTURE

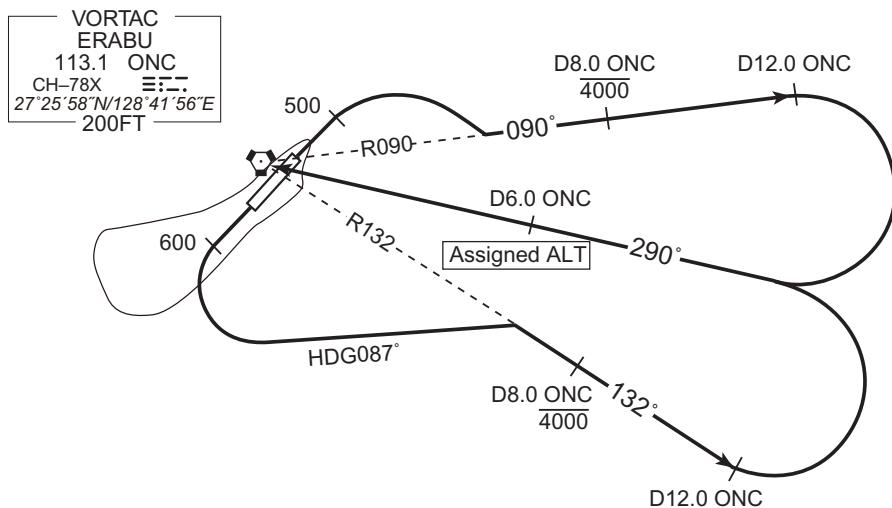
**RWY04** : Climb RWY HDG to 500FT, turn right, via ONC R090 to ONC 12.0DME, turn right, via ONC R110 to ONC VORTAC.

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

**RWY22** : Climb RWY HDG to 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.

Note RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.



CHANGE : Description of PROC name.

## STANDARD DEPARTURE CHART - INSTRUMENT

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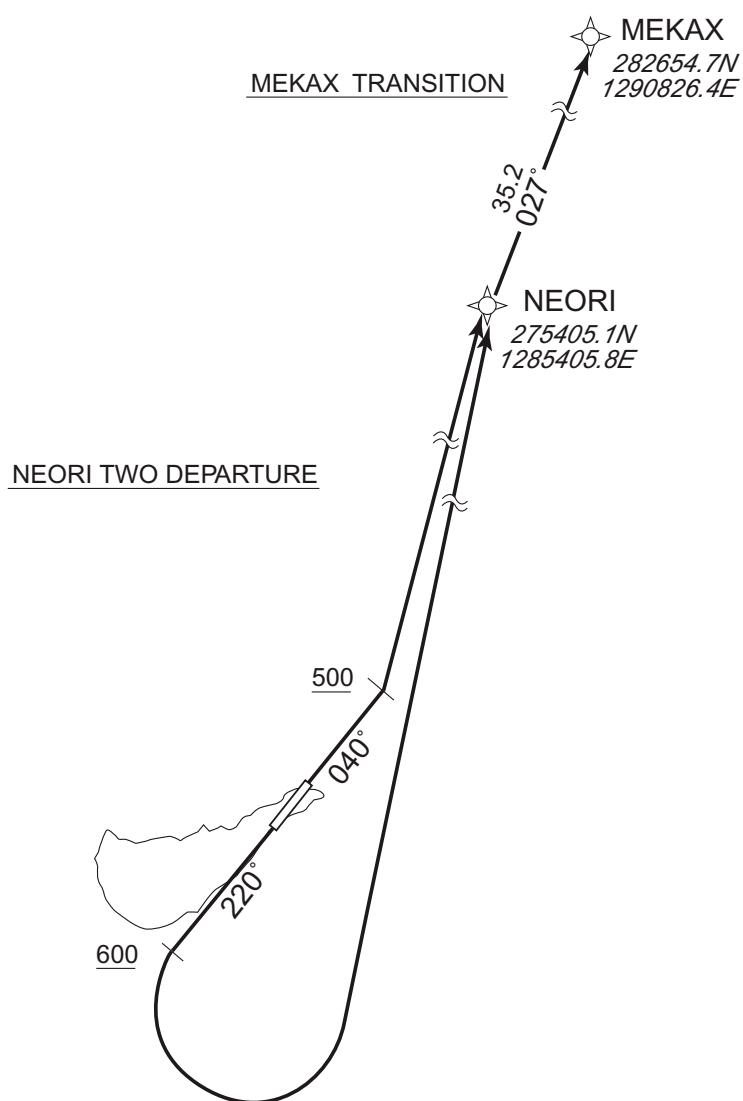
RNAV SID and TRANSITION

NEORI TWO DEPARTURE  
MEKAX TRANSITION

RNP1

Note GNSS required.

VAR 6° W



CHANGE : PROC name added. MEKAX TRANSITION added.

NEORI TWO DEPARTURE

RWY04: Climb on HDG040° at or above 500FT, turn left direct to NEORI.

RWY22: Climb on HDG220° at or above 600FT, turn left direct to NEORI.

Note RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

MEKAX TRANSITION

From NEORI to MEKAX.

## STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID and TRANSITION

NEORI TWO DEPARTURE

## 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	—	—	040 (034.0)	-6.2	—	—	+500	—	—	RNP1
002	DF	NEORI	—	—	-6.2	—	L	—	—	—	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	—	—	220 (214.0)	-6.2	—	—	+600	—	—	RNP1
002	DF	NEORI	—	—	-6.2	—	L	—	—	—	RNP1

MEKAX 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	NEORI	—	—	-6.2	—	—	—	—	—	RNP1
002	TF	MEKAX	—	027 (021.0)	-6.2	35.2	—	—	—	—	RNP1

CHANGE : PROC name added. NEORI TWO DEPARTURE added. True bearing. VAR.

## STANDARD DEPARTURE CHART - INSTRUMENT

CHANGE : PROC name added. INOBE TRANSITION added. SID renamed(AZEFU FOUR DEPARTURE).  
Course FM INOBE to MEKAX. ALT restriction at AZEFU deleted.

RJKB / OKIERABU	RNAV SID and TRANSITION
AZEFU FOUR DEPARTURE INOBE TRANSITION	RNP1
Note GNSS required.	
VAR 6° W	
<u>AZEFU FOUR DEPARTURE</u> RWY04: Climb on HDG040° at or above 500FT, turn left direct to AZEFU, to INOBE. RWY22: Climb on HDG220° at or above 600FT, turn left direct to AZEFU, to INOBE. Note RWY22 : 5.0% climb gradient required up to 600FT. OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.	
<u>INOBE TRANSITION</u> From INOBE to MEKAX.	

## STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID and TRANSITION

AZEFU FOUR DEPARTURE

## 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	—	—	040 (034.0)	-6.2	—	—	+500	—	—	RNP1
002	DF	AZEFU	—	—	-6.2	—	L	—	—	—	RNP1
003	TF	INOBE	—	027 (020.9)	-6.2	16.4	—	—	—	—	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	—	—	220 (214.0)	-6.2	—	—	+600	—	—	RNP1
002	DF	AZEFU	—	—	-6.2	—	L	—	—	—	RNP1
003	TF	INOBE	—	027 (020.9)	-6.2	16.4	—	—	—	—	RNP1

INOBE 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	INOBE	—	—	-6.2	—	—	—	—	—	RNP1
002	TF	MEKAX	—	040 (033.3)	-6.2	37.2	—	—	—	—	RNP1

CHANGE : PROC name added. AZEFU FOUR DEPARTURE added. VAR. True bearing. ALT restriction at AZEFU deleted.

## STANDARD DEPARTURE CHART - INSTRUMENT

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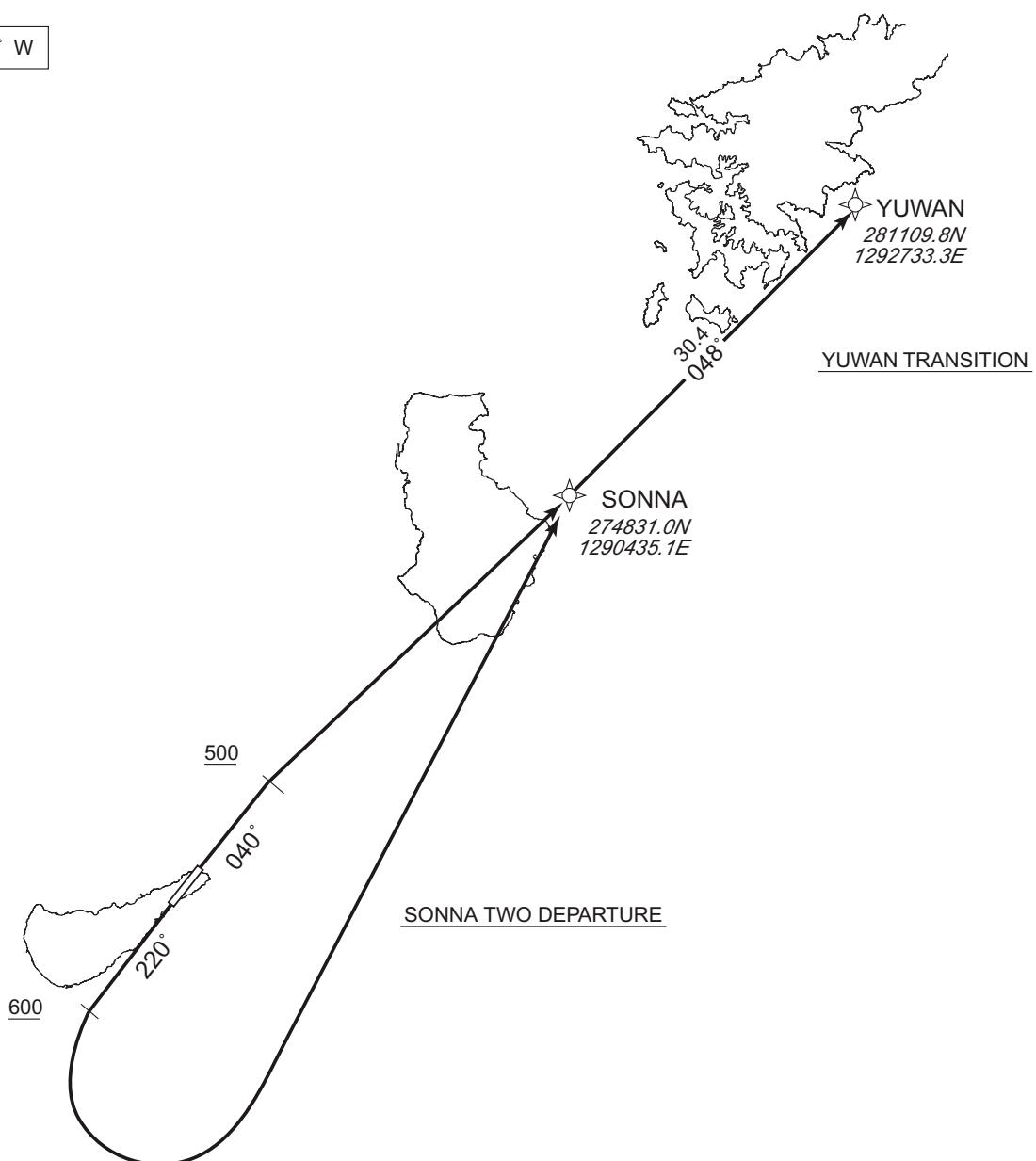
RNAV SID and TRANSITION

SONNA TWO DEPARTURE  
YUWAN TRANSITION

RNP1

Note GNSS required.

VAR 6° W

SONNA TWO DEPARTURE

RWY04: Climb on HDG040° at or above 500FT, direct to SONNA.

RWY22: Climb on HDG220° at or above 600FT, turn left direct to SONNA.

Note RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

YUWAN TRANSITION

From SONNA to YUWAN.

CHANGE : PROC name added. YUWAN TRANSITION added.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID and TRANSITION

SONNA TWO DEPARTURE

## 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	—	—	040 (034.0)	-6.2	—	—	+500	—	—	RNP1
002	DF	SONNA	—	—	-6.2	—	—	—	—	—	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	—	—	220 (214.0)	-6.2	—	—	+600	—	—	RNP1
002	DF	SONNA	—	—	-6.2	—	L	—	—	—	RNP1

YUWAN 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	SONNA	—	—	-6.2	—	—	—	—	—	RNP1
002	TF	YUWAN	—	048 (041.8)	-6.2	30.4	—	—	—	—	RNP1

CHANGE : PROC name added. SONNA TWO DEPARTURE added. True bearing. VAR.

## STANDARD DEPARTURE CHART - INSTRUMENT

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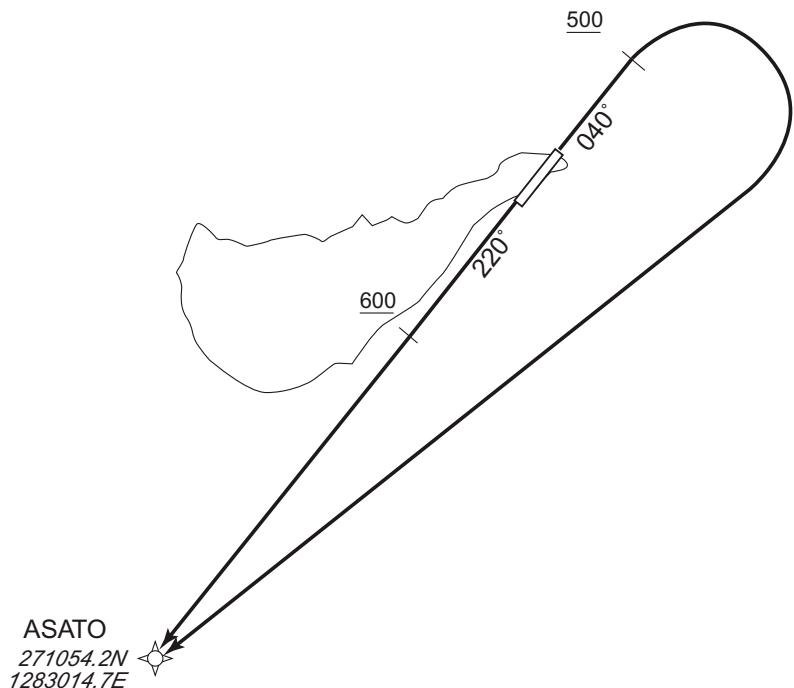
RNAV SID

YUNTA TWO DEPARTURE

RNP1

Note GNSS required.

VAR 6° W



RWY04: Climb on HDG040° at or above 500FT, turn right direct to ASATO.

RWY22: Climb on HDG220° at or above 600FT, direct to ASATO.

Note RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

## 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	—	—	040 (034.0)	-6.2	—	—	+500	—	—	RNP1
002	DF	ASATO	—	—	-6.2	—	R	—	—	—	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	—	—	220 (214.0)	-6.2	—	—	+600	—	—	RNP1
002	DF	ASATO	—	—	-6.2	—	—	—	—	—	RNP1

CHANGE : VAR. True bearing.

## STANDARD DEPARTURE CHART - INSTRUMENT

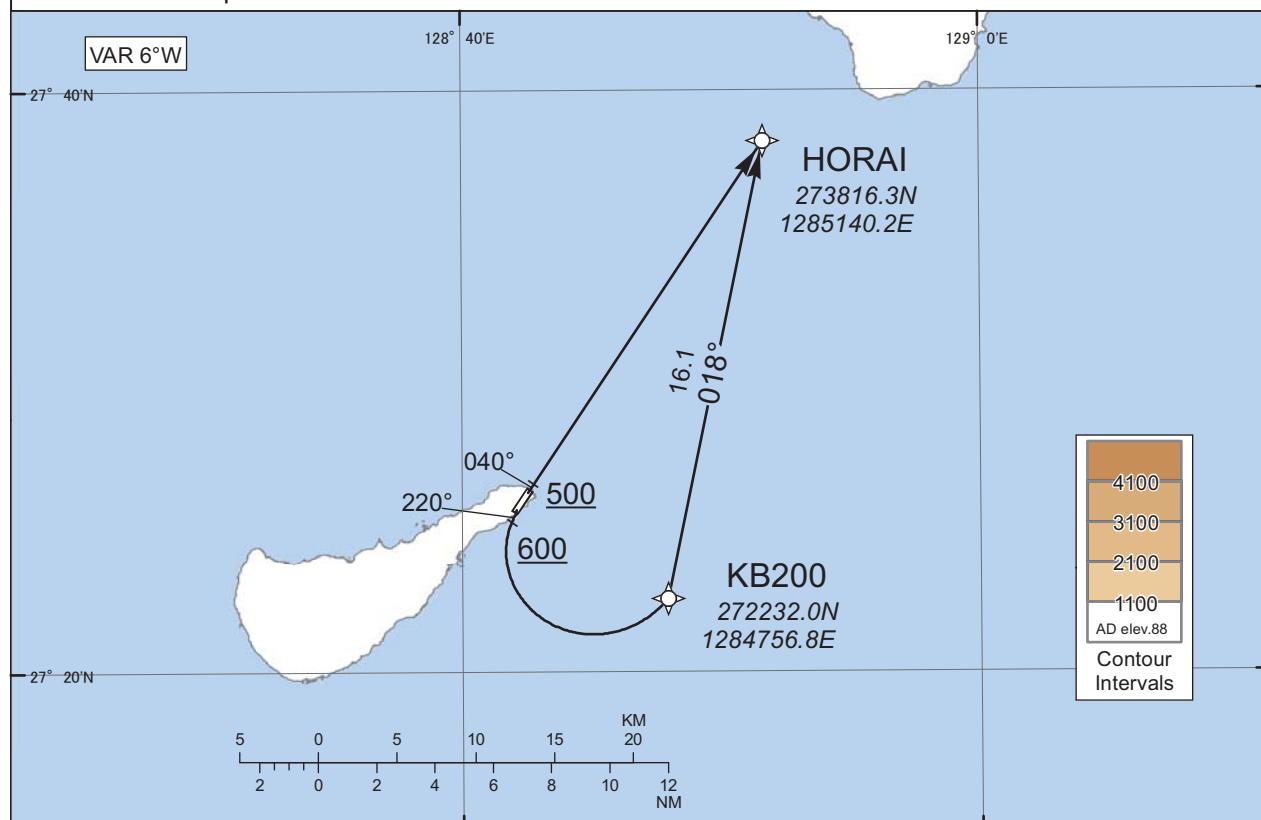
RJKB / OKIERABU

RNAV SID

HORAI ONE DEPARTURE

RNP1

Note GNSS required.



RWY04 : Climb on HDG 040° at or above 500FT, direct to HORAI.

RWY22 : Climb on HDG 220° at or above 600FT, turn left direct to KB200, to HORAI.

NOTE RWY22 : 5.0% climb gradient required up to 600FT.

OBST ALT 145FT located at 0.2NM 257° FM end of RWY22

## 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	-	-	040 (034.0)	-6.2	-	-	+500	-	-	RNP1
002	DF	HORAI	-	-	-6.2	-	-	-	-	-	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	-	-	220 (214.0)	-6.2	-	-	+600	-	-	RNP1
002	DF	KB200	-	-	-6.2	-	L	-	-	-	RNP1
003	TF	HORAI	-	018 (011.8)	-6.2	16.1	-	-	-	-	RNP1

CHANGE : VAR. True bearing.

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STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

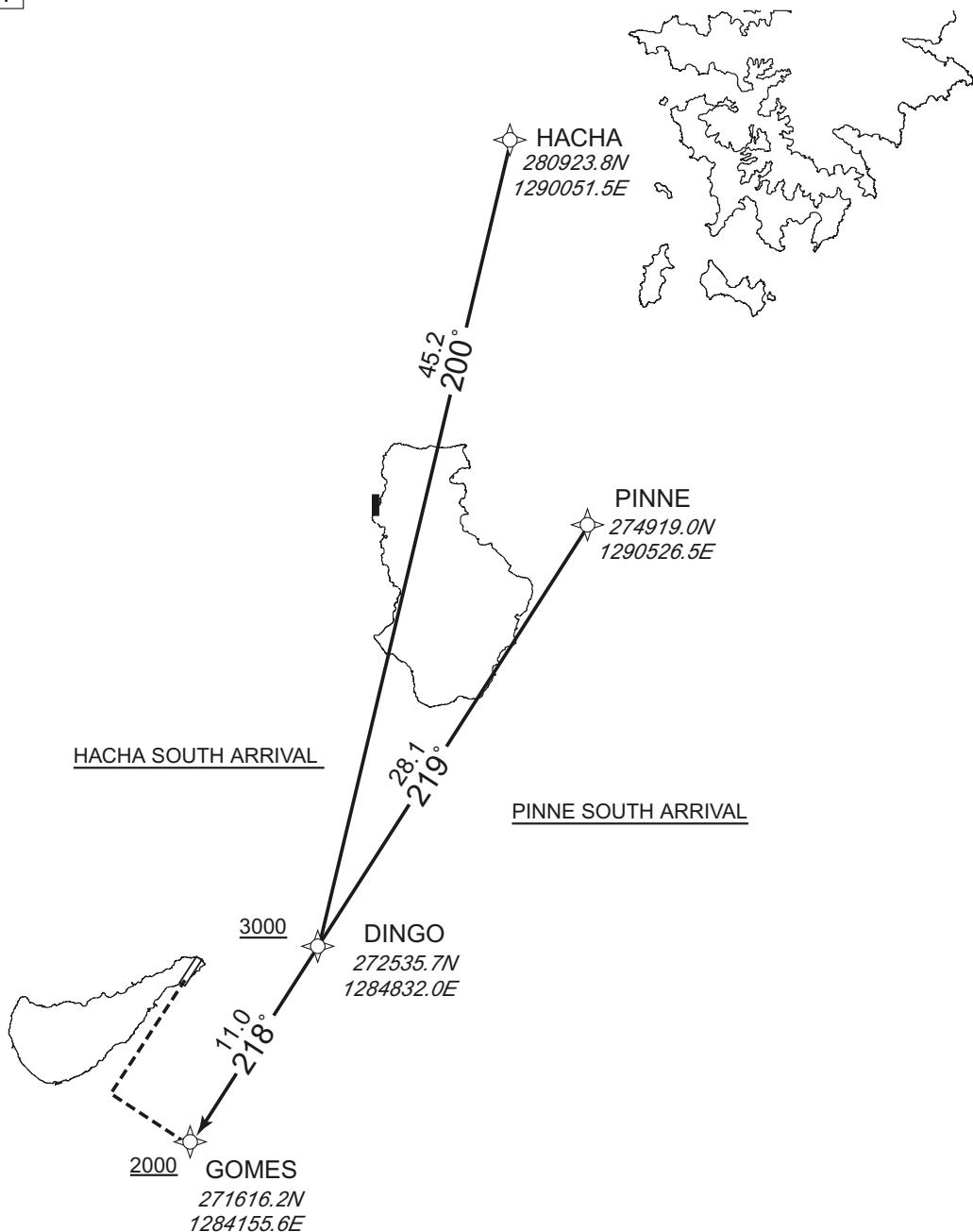
RNAV STAR RWY04

HACHA SOUTH ARRIVAL  
PINNE SOUTH ARRIVAL

RNP1

Note GNSS required.

VAR 6°W



CHANGE : PROC course FM PINNE to DINGO.

## 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	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	DINGO	-	200 (194.0)	-6.2	45.2	-	+3000	-	-	RNP1
003	TF	GOMES	-	218 (212.2)	-6.2	11.0	-	+2000	-	-	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	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	DINGO	-	219 (212.3)	-6.2	28.1	-	+3000	-	-	RNP1
003	TF	GOMES	-	218 (212.2)	-6.2	11.0	-	+2000	-	-	RNP1

CHANGE : VAR. Course FM PINNE to DINGO.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

RNAV STAR RWY22

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

RNP1

Note GNSS required.

VAR 6°W

CHANGE : PROC course FM HACHA to WOODS.

HACHA NORTH ARRIVAL

HACHA EAST ARRIVAL

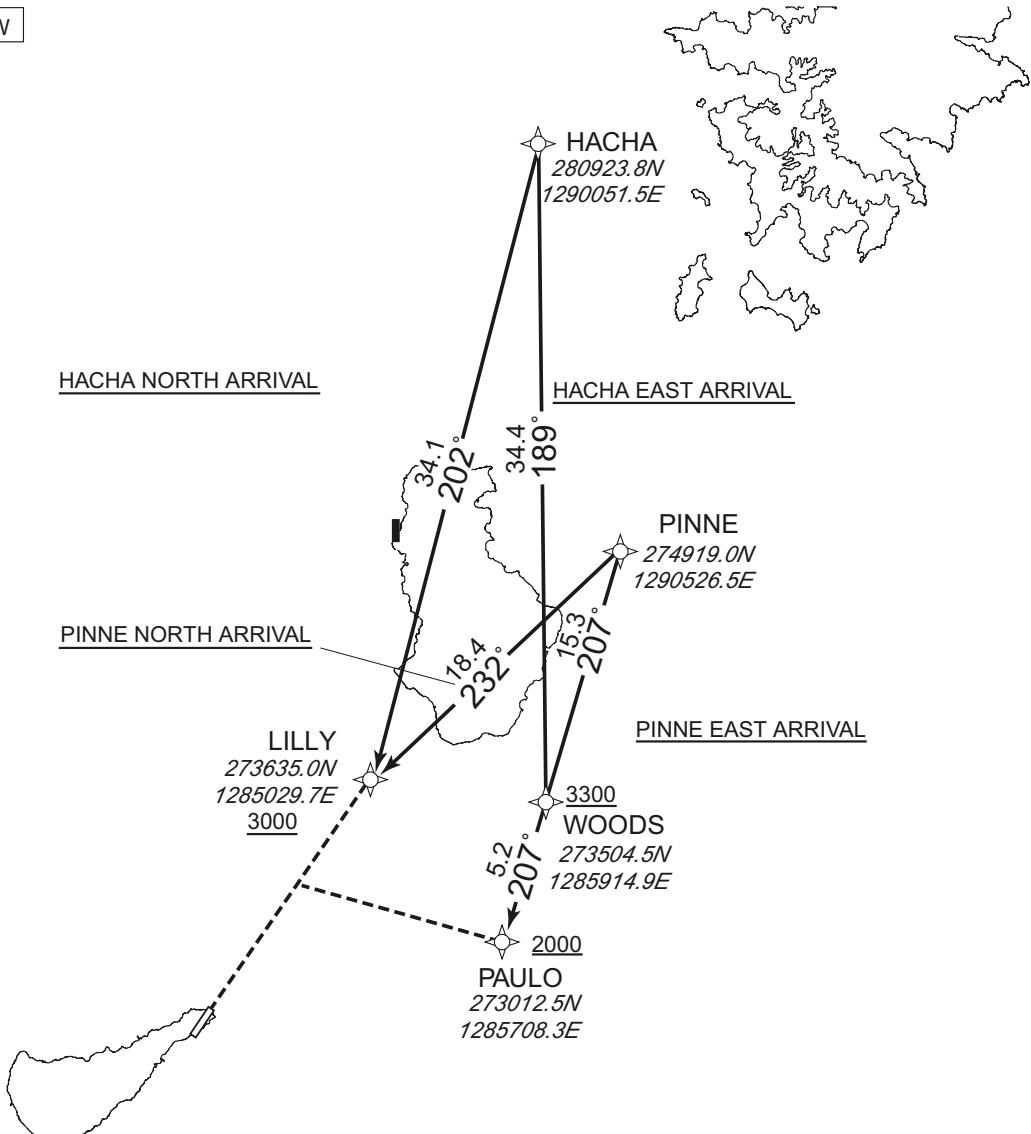
PINNE NORTH ARRIVAL

PINNE EAST ARRIVAL

LILLY  
273635.0N  
1285029.7E  
3000

WOODS  
273504.5N  
1285914.9E  
3300

PAULO  
273012.5N  
1285708.3E  
2000



## 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	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	LILLY	-	202 (195.6)	-6.2	34.1	-	+3000	-	-	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	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	WOODS	-	189 (182.4)	-6.2	34.4	-	+3300	-	-	RNP1
003	TF	PAULO	-	207 (201.0)	-6.2	5.2	-	+2000	-	-	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	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	LILLY	-	232 (226.2)	-6.2	18.4	-	+3000	-	-	RNP1

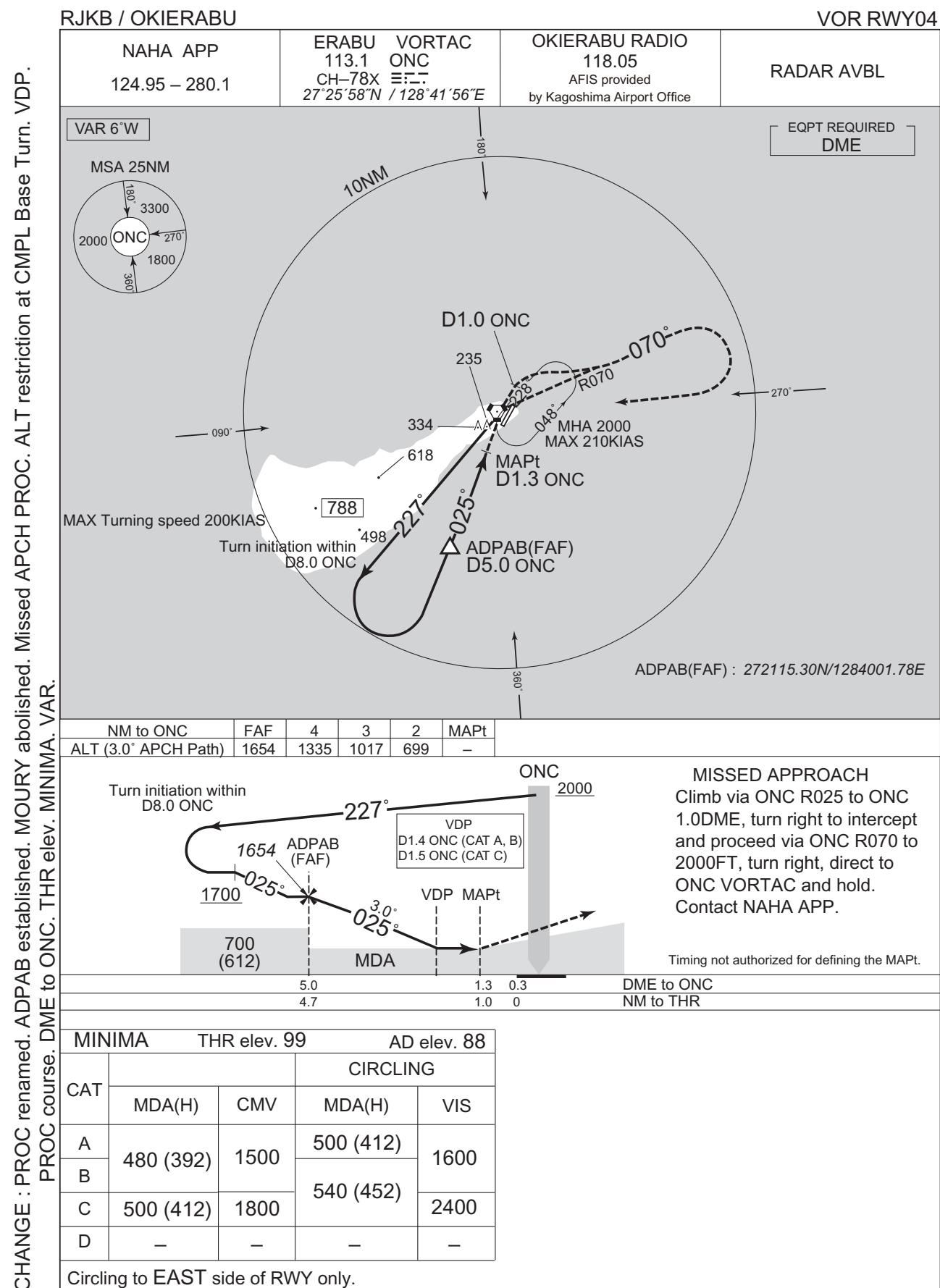
PINNE EAST ARRIVAL

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

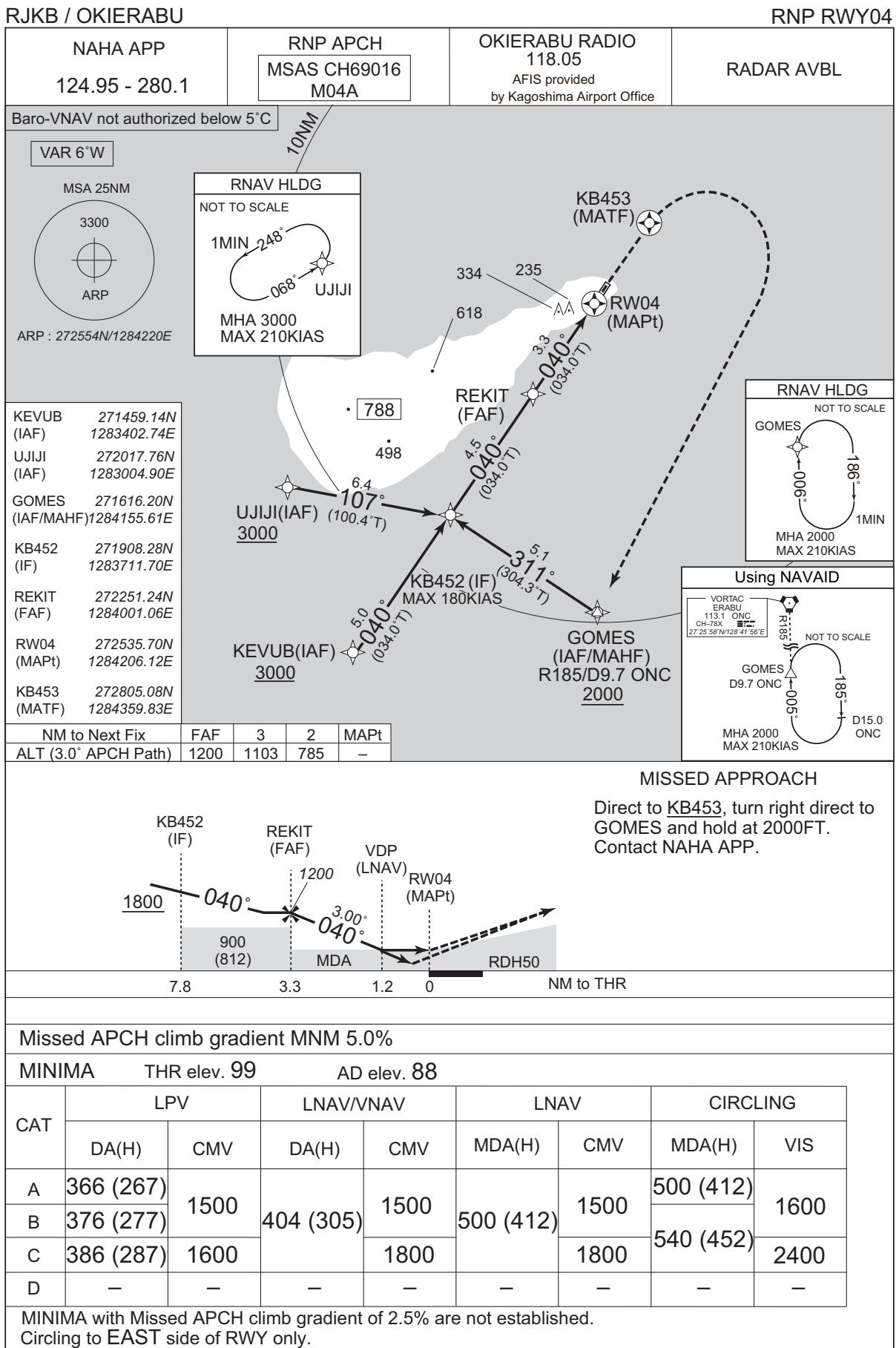
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	PINNE	-	-	-6.2	-	-	-	-	-	RNP1
002	TF	WOODS	-	207 (201.1)	-6.2	15.3	-	+3300	-	-	RNP1
003	TF	PAULO	-	207 (201.0)	-6.2	5.2	-	+2000	-	-	RNP1

CHANGE : VAR. Course FM HACHA to WOODS.

## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART



CHANGE : PROC course. KEVUB, REKIT, KB452, KB453 established. KB450, KB451, RAGON abolished. MSAS CH added. MNM temperature for Baro-VNAV. Missed APCH for using VORTAC abolished. Missed APCH climb gradient MNM established. THR elev. MINIMA for LPV established. MINIMA for LNAV/VNAV.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY04

**FAS DATA BLOCK**

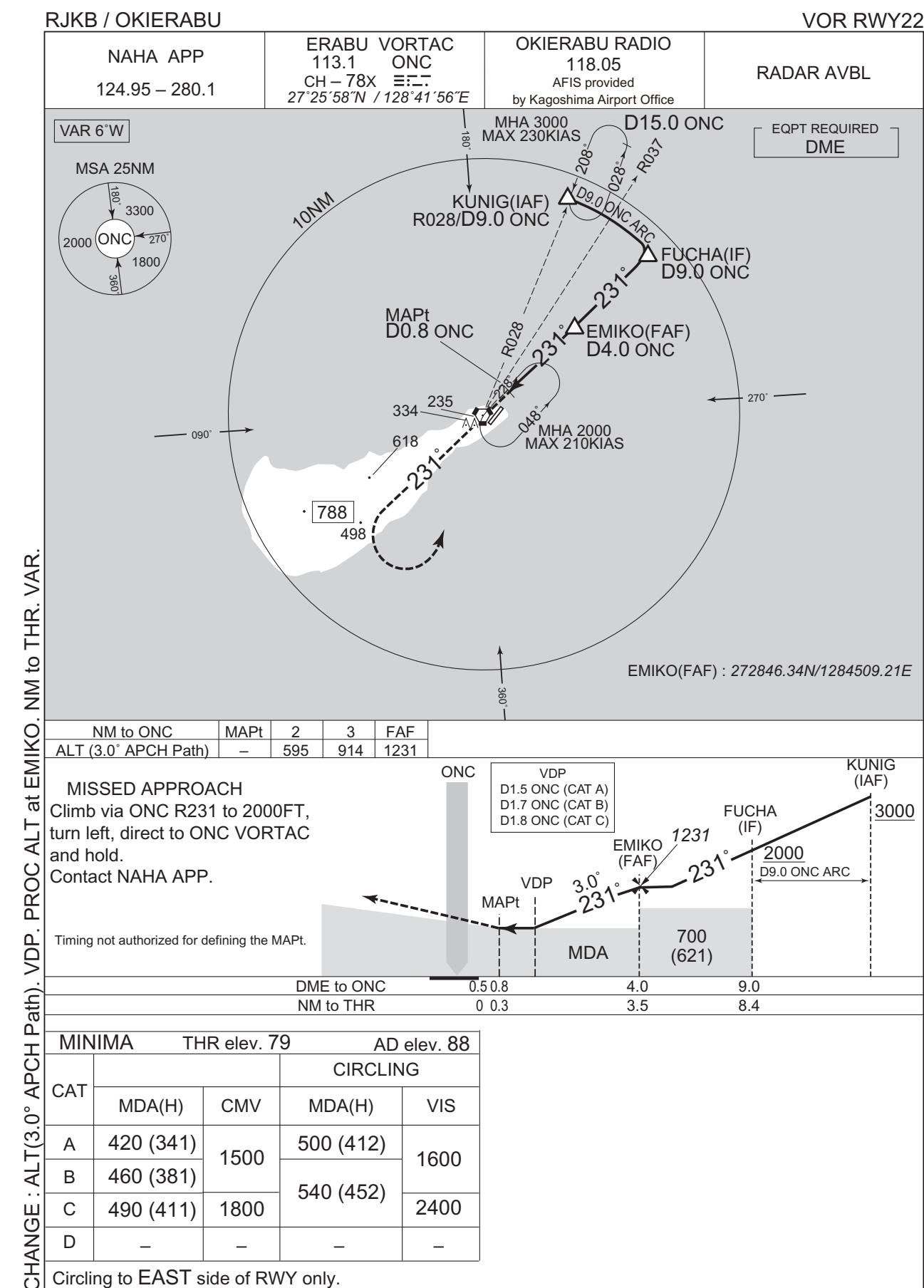
Operation type	0	LTP/FTP ellipsoidal height	+00608
SBAS service provider identifier	2	FPAP latitude	272621.2280N
Airport identifier	RJKB	FPAP longitude	1284240.8210E
Runway	04	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M04A	△ length offset	0344
LTP/FTP latitude	272535.6665N	HAL	40.0
LTP/FTP longitude	1284206.1585E	VAL	50.0
CRC remainder	78273A92		

**Required additional data**

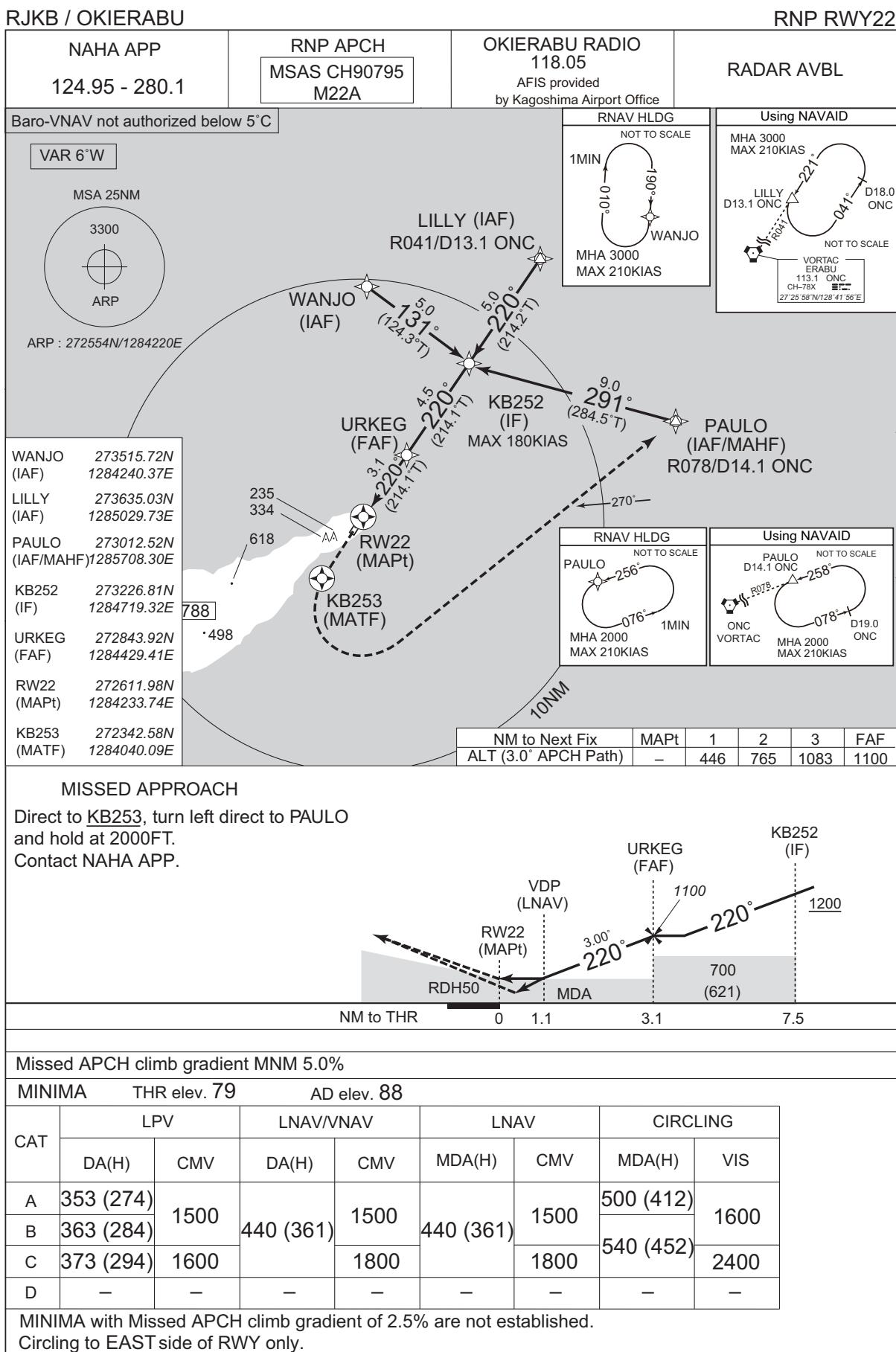
LTP/FTP orthometric height	30.1
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CHANGE : FAS DATA BLOCK and Required additional data established.

## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART



CHANGE : PROC course. URKEG, KB252, KB253 established. KB250, KB251, ALDER abolished. MSAS CH added.  
MNM temperature for Baro-VNAV. Missed APCH for using VORTAC abolished. Missed APCH climb gradient MNM established.  
MINIMA for LPV established.

## INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY22

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+00546
SBAS service provider identifier	2	FPAP latitude	272526.3935N
Airport identifier	RJKB	FPAP longitude	1284159.1045E
Runway	22	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M22A	△ length offset	0344
LTP/FTP latitude	272611.9555N	HAL	40.0
LTP/FTP longitude	1284233.7655E	VAL	50.0
CRC remainder	B03AD70A		

**Required additional data**

LTP/FTP orthometric height	23.9
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CHANGE : FAS DATA BLOCK and Required additional data established.

RJKB / OKIERABU

Visual REP

VAR 6°W(2021) / 6°W

OKIERABU RADIO  
118.05

● 10NM N

10NM NE ●

TAMINA

5NM from ARP  
OKIERABU INFORMATION ZONE  
At or below 3000FT

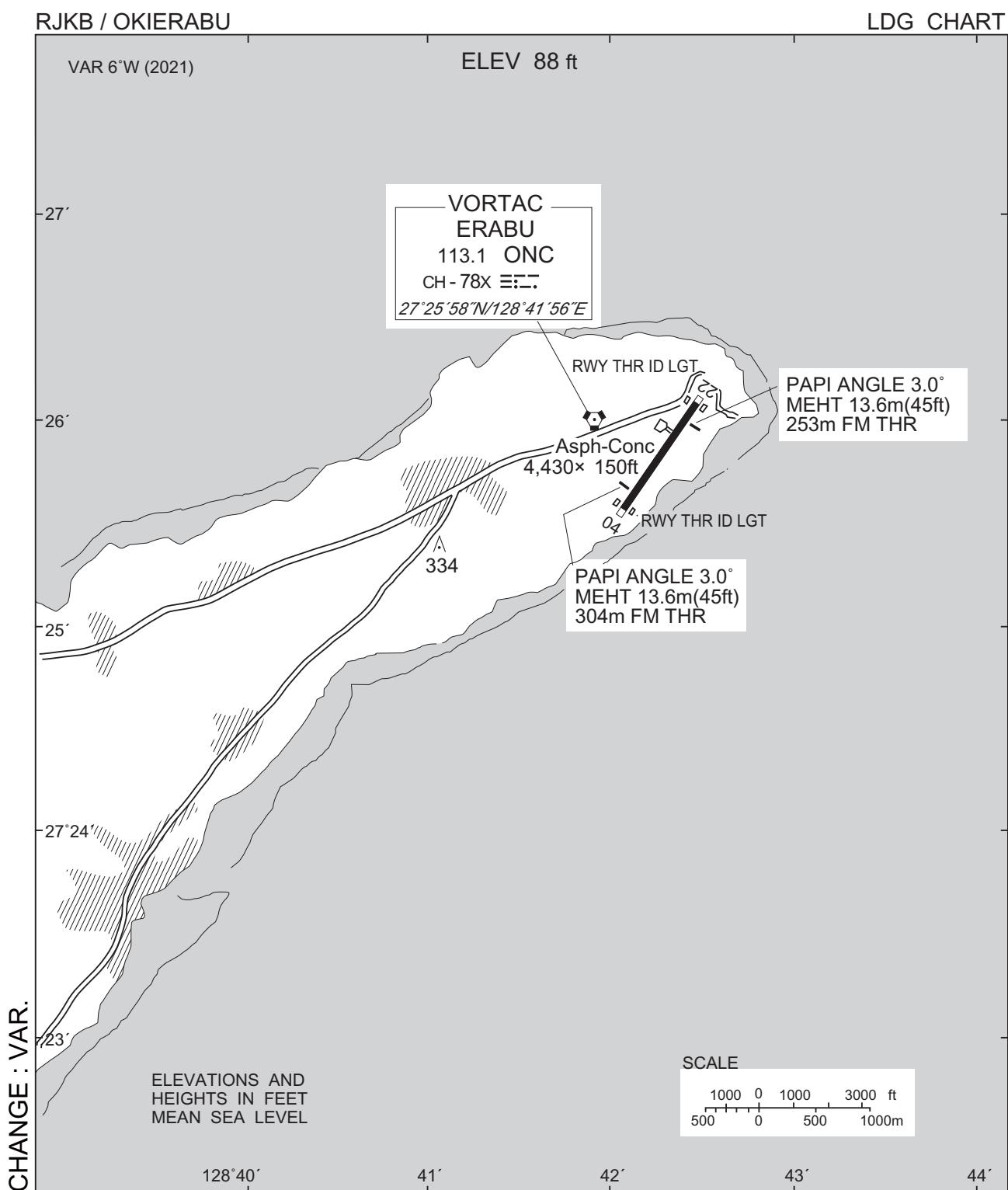
● 10NM SW

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).

CHANGE : VAR.

Call sign	BRG / DIST from ARP	Remarks
10NM N	000°T / 10.0NM	海上 Over the sea
10NM NE	045°T / 10.0NM	海上 Over the sea
田皆 Tamina	260°T / 9.2NM	岬 Cape
10NM SW	225°T / 10.0NM	海上 Over the sea



RJKB / OKIERABU

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment. Minimum vectoring altitude.

