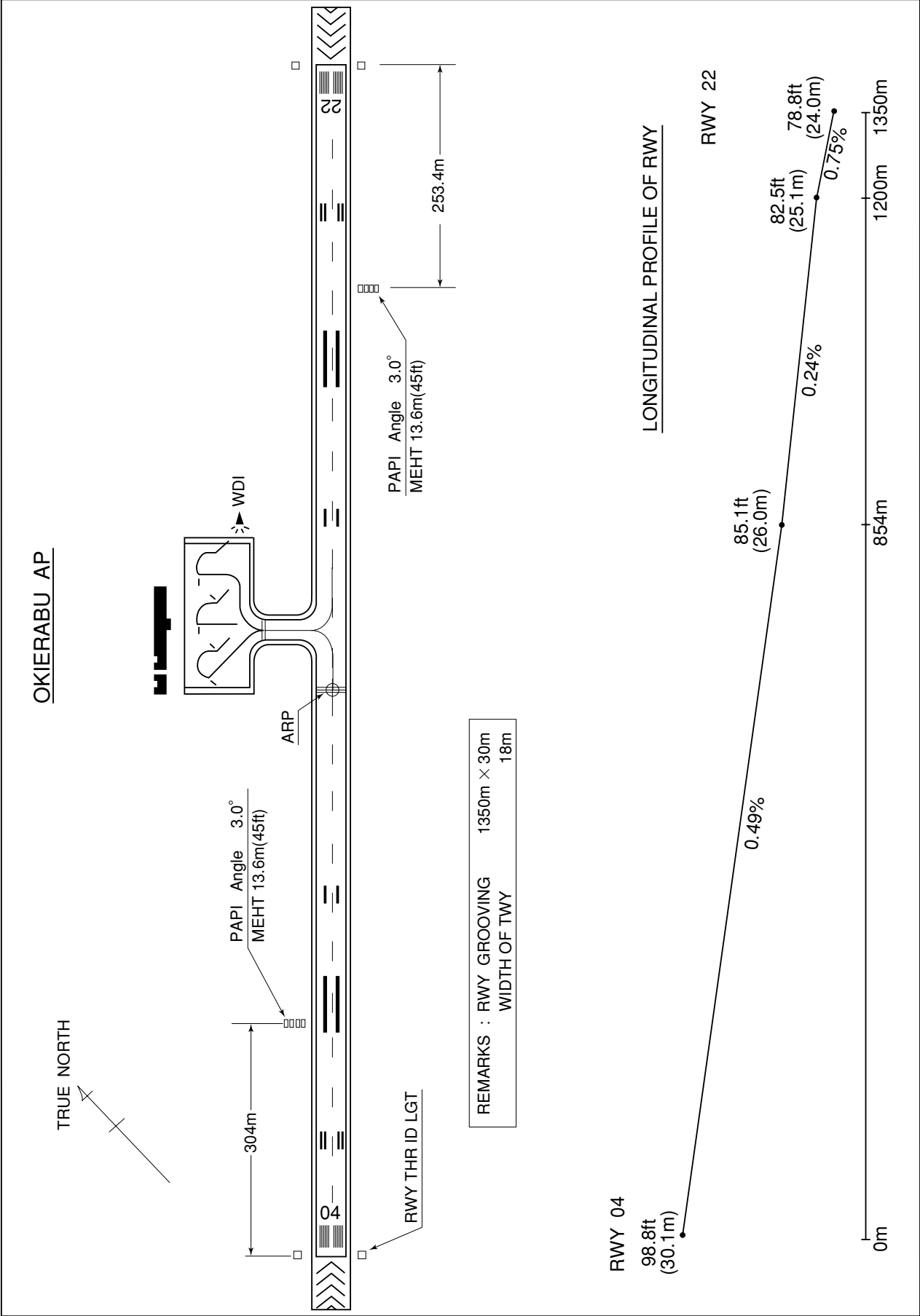


RJKB / OKIERABU

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.

STANDARD DEPARTURE CHART - INSTRUMENT

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.

Critical DME

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

2) RADAR service required.

DME GAP

NEORI - 28NM to MEKAX

Inappropriate Nav aids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 5° W(2015)

MEKAX TRANSITION

MEKAX

282654.7N
1290826.4E

NEORI

275405.1N
1285405.8E

35.2
026°

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

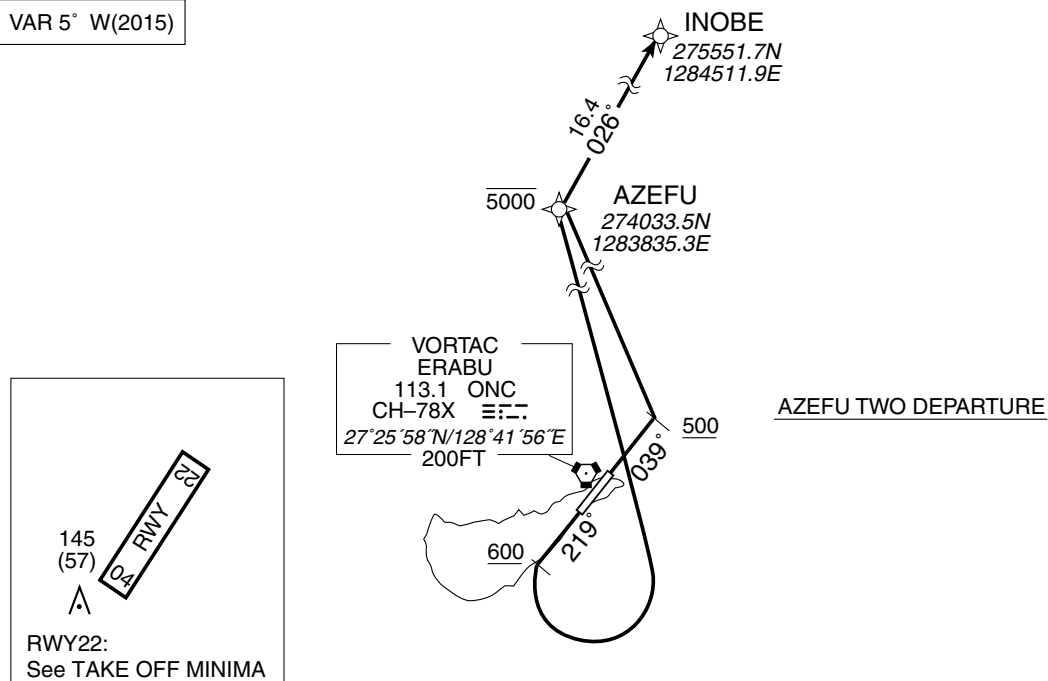
RNAV SID

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

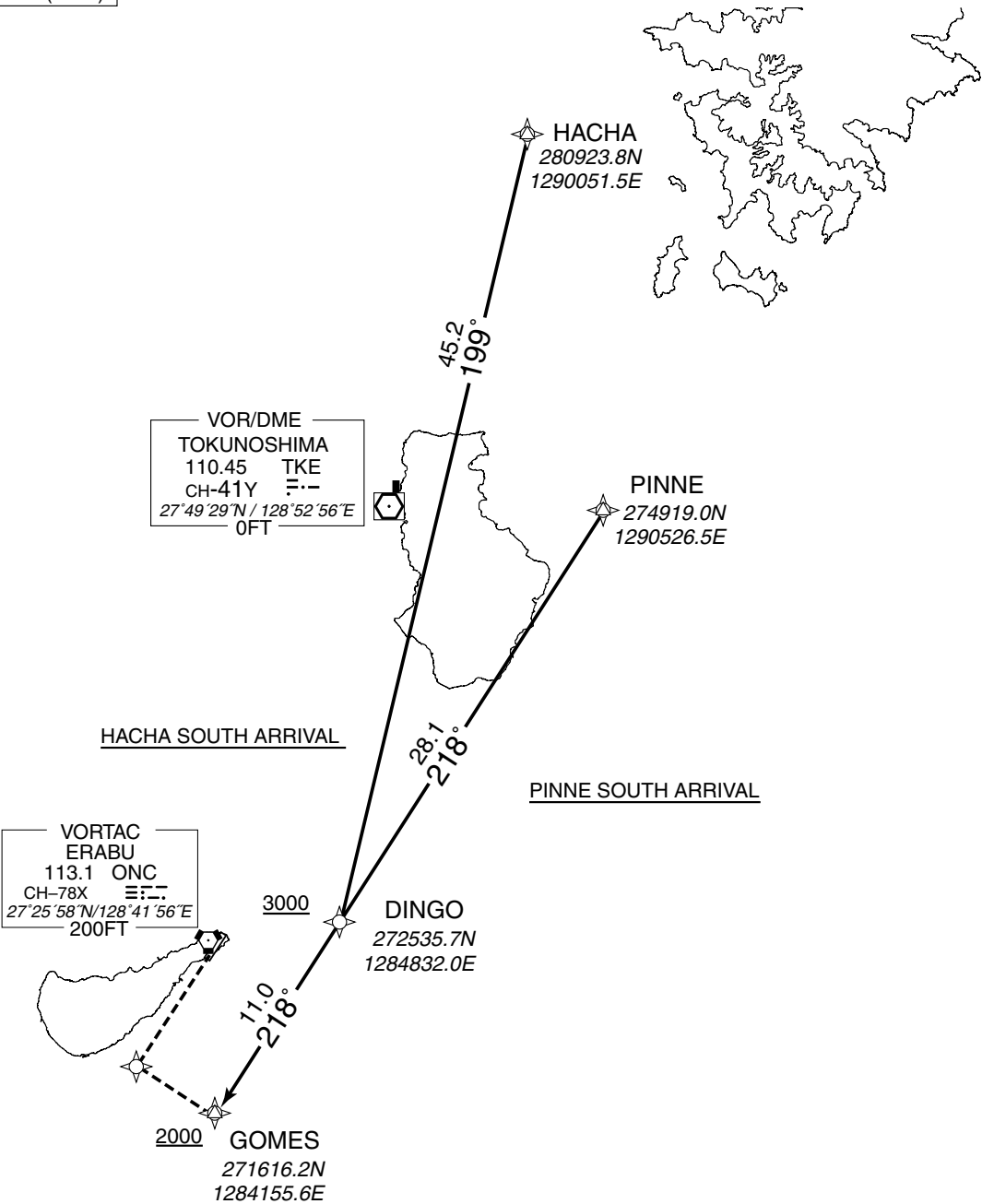
RJKB / OKIERABU

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

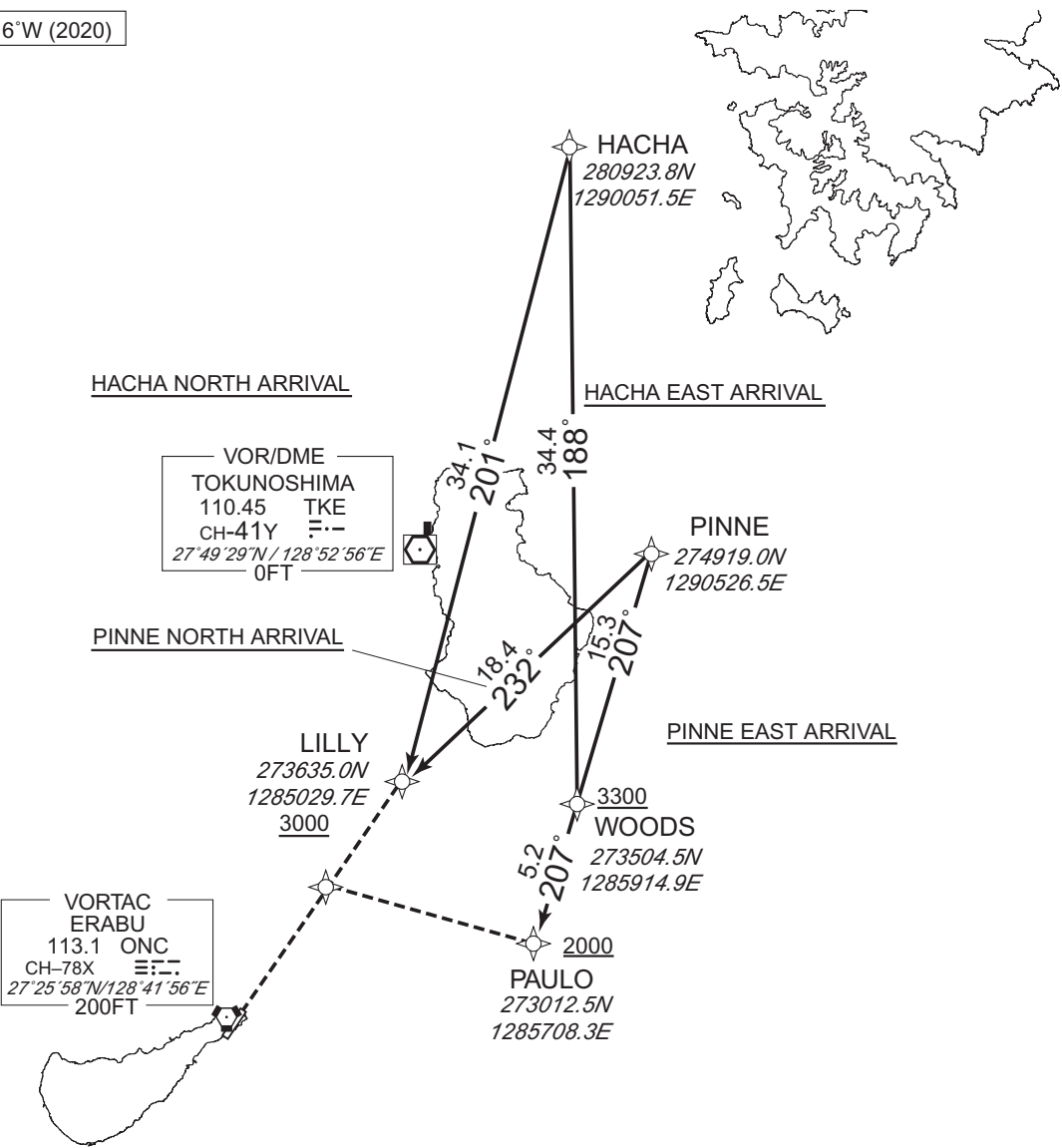
HACHA NORTH ARRIVAL / HACHA EAST ARRIVAL
PINNE NORTH ARRIVAL / PINNE EAST ARRIVAL

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.

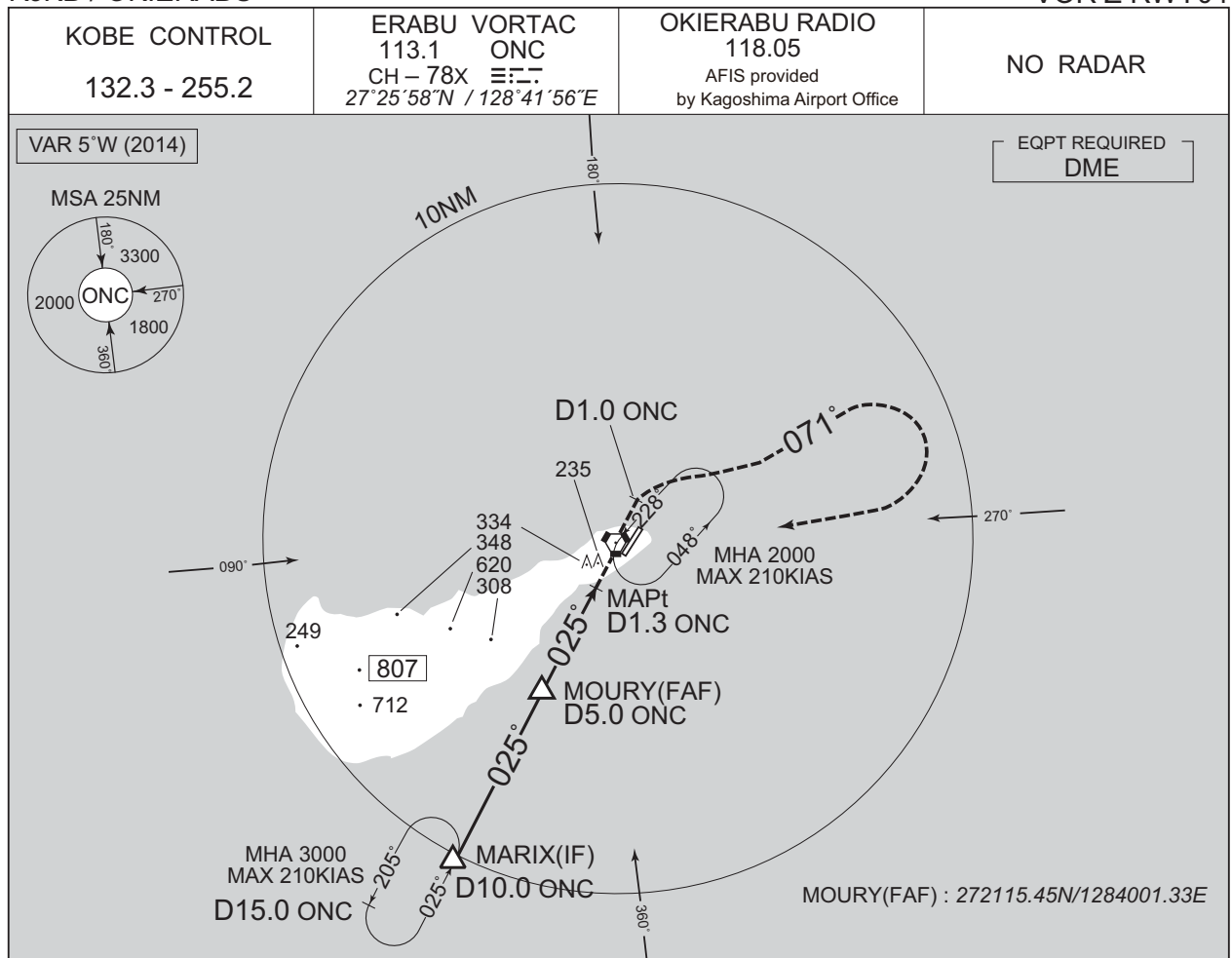
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	PINNE	—	—	-5.9	—	—	—	—	—	Basic RNP1
002	TF	WOODS	—	207 (201.1)	-5.9	15.3	—	+3300	—	—	Basic RNP1
003	TF	PAULO	—	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.

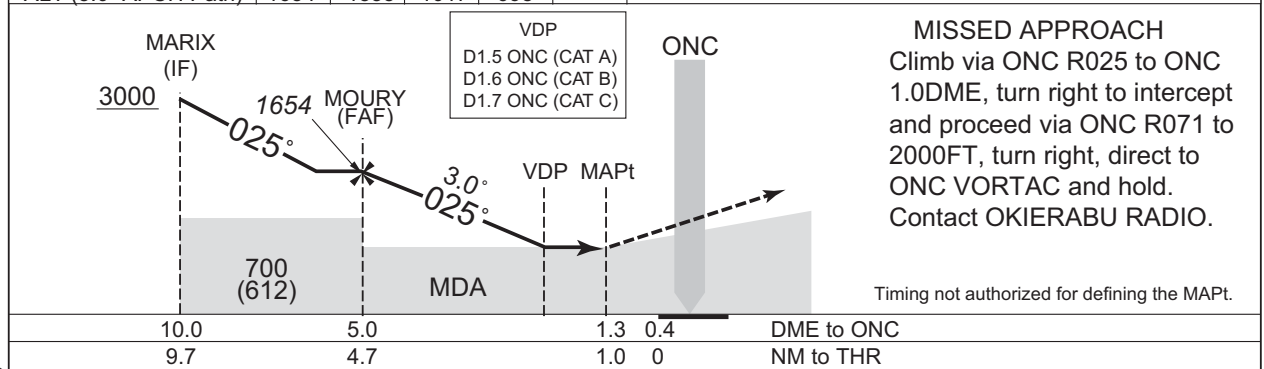
INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR Z RWY04



NM to ONC	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	1654	1335	1017	698	—




MINIMA	THR elev. 98	AD elev. 88	CIRCLING	
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	—	—	—	—

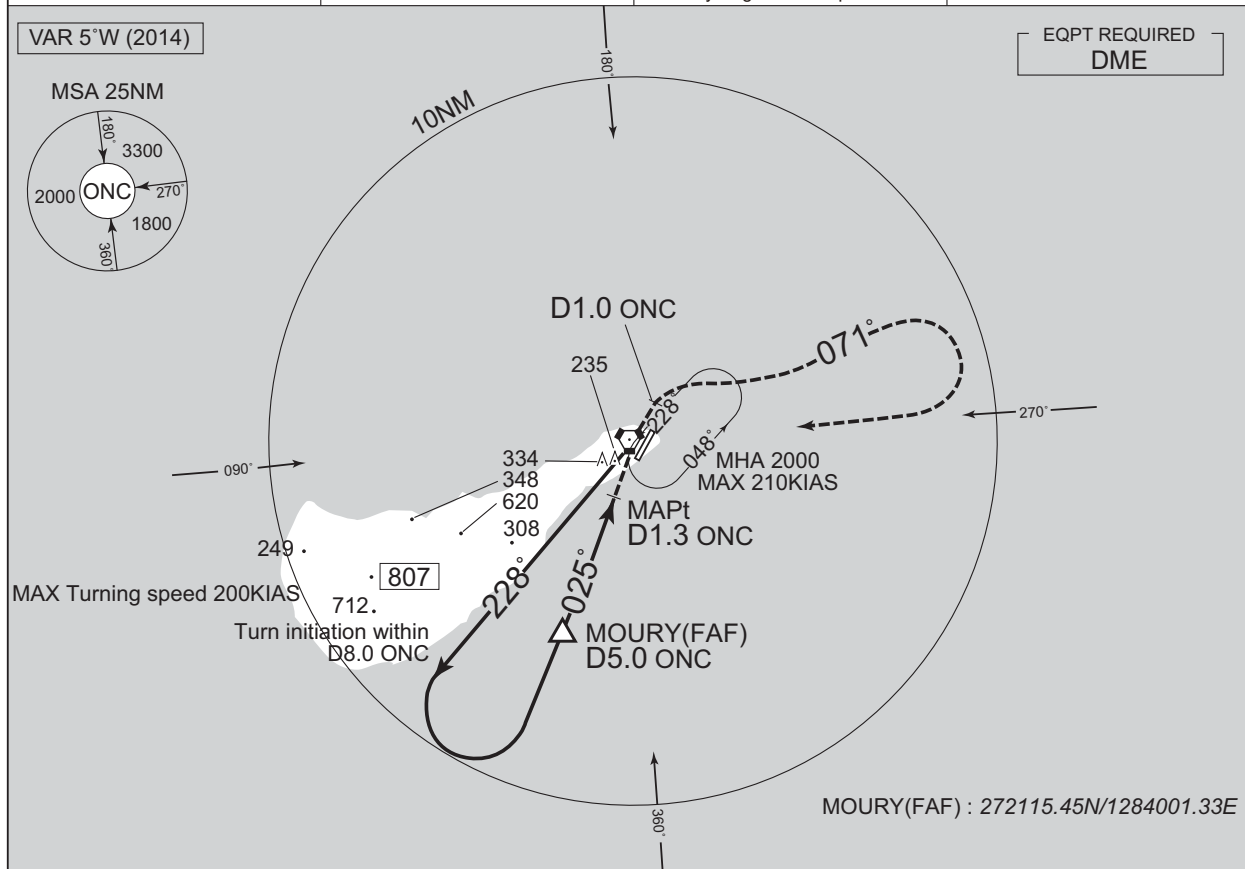
Circling to EAST side of RWY only.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

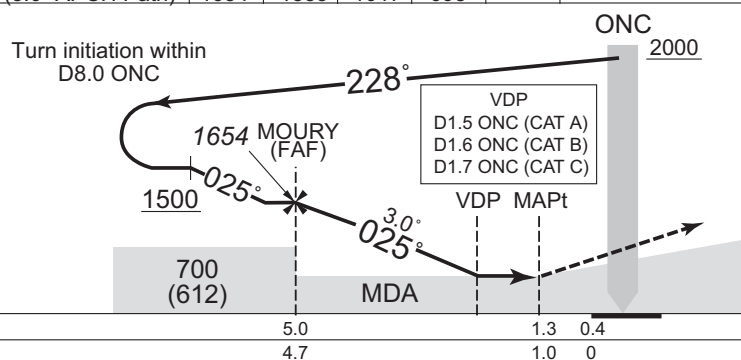
RJKB / OKIERABU

VOR Y RWY04

KOBE CONTROL	ERABU VORTAC 113.1 ONC CH-78X  27°25'58"N / 128°41'56"E	OKIERABU RADIO 118.05 AFIS provided by Kagoshima Airport Office	NO RADAR
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NM to ONC	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	1654	1335	1017	698	–



MISSED APPROACH
Climb via ONC R025 to ONC
1.0DME, turn right to intercept
and proceed via ONC R071 to
2000FT, turn right, direct to
ONC VORTAC and hold.
Contact OKIERABU RADIO.

Timing not authorized for defining the MAPt.

	5.0	1.3	0.4	DME to ONC
	4.7	1.0	0	NM to THR

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	—	—	—	—

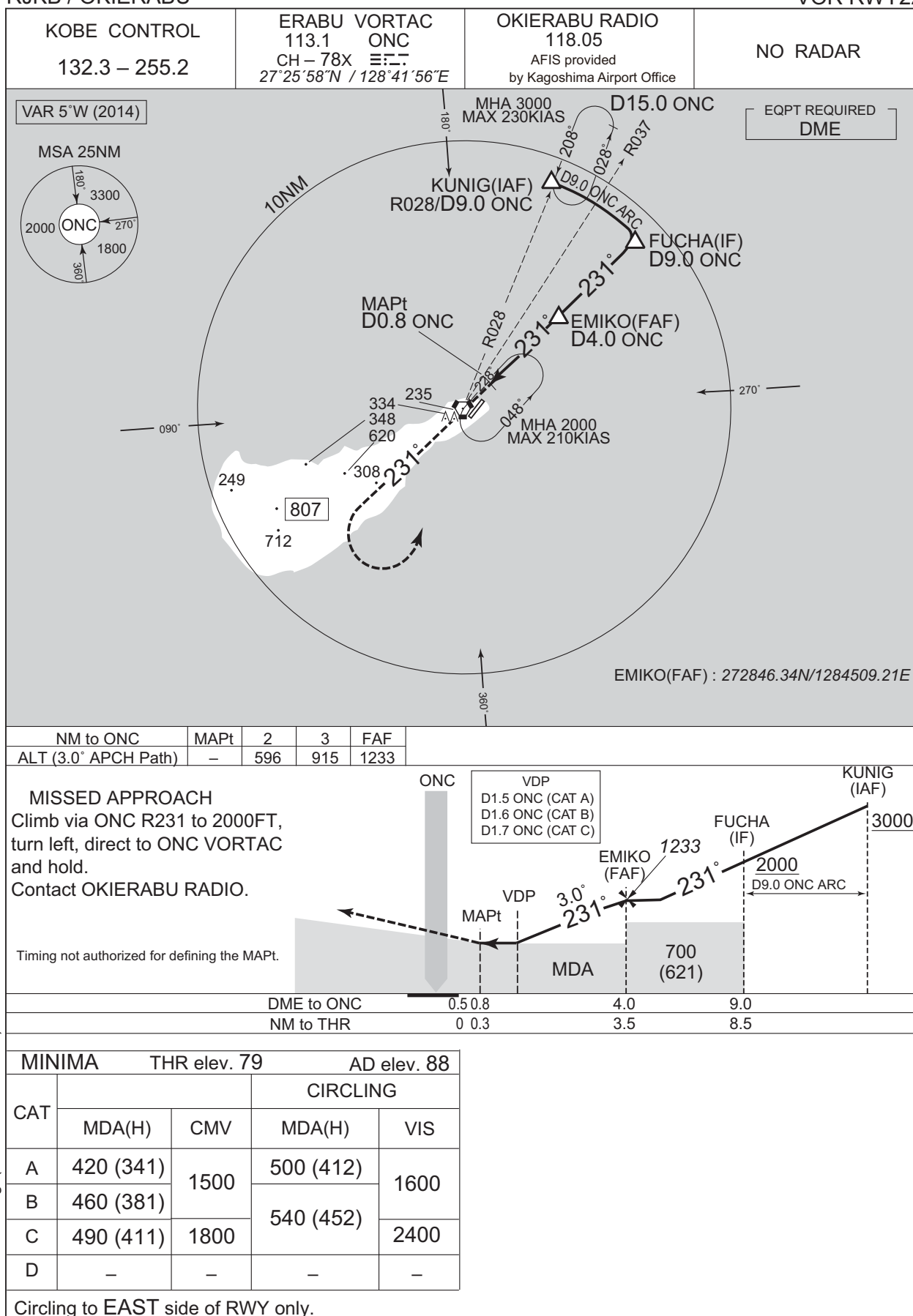
Circling to EAST side of RWY only.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR RWY22

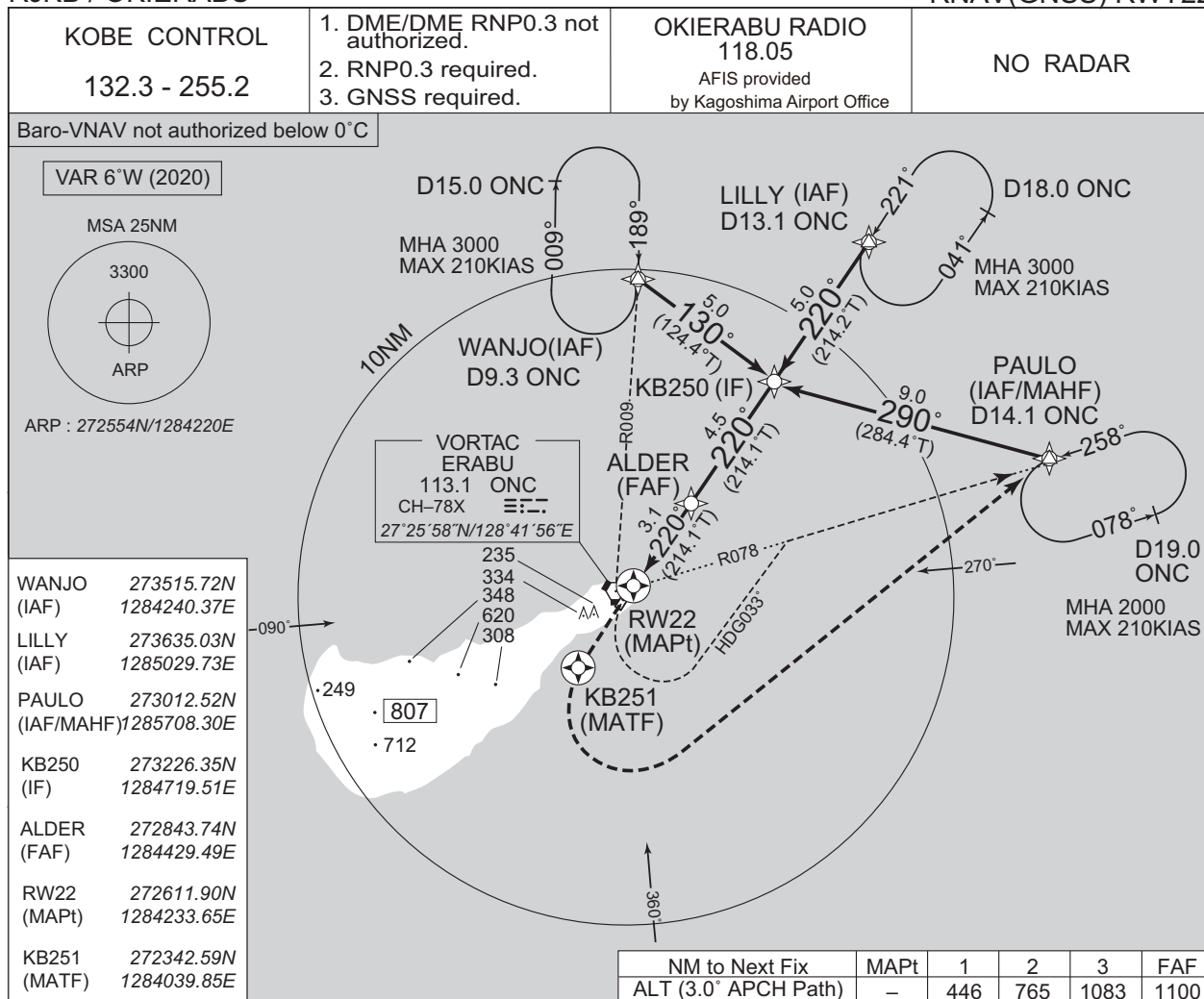


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNAV(GNSS) RWY22

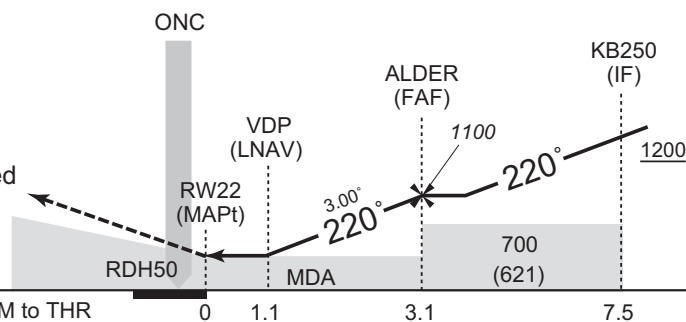


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

MISSED APPROACH

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

(For using VORTAC)
Turn left HDG033° to intercept and proceed via ONC R078 to PAULO and hold at 2000FT.
Contact OKIERABU RADIO.



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						
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

LDG CHART



RJKB / OKIERABU

Minimum Vectoring Altitude CHART

