AD 2 AERODROMES

RJKB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJKB - OKIERABU

RJKB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*272554N/1284220E* 034° / 0.675km FM RWY 04 THR
2	Direction and distance from (city)	80nm SW from AMAMI AP
3	Elevation/ Reference temperature	88ft / 32°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	5°W(2006)/ -
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA PREF. PUBLIC AP. 4414-3, Kunigami,Wadomari-cho, Oshima-gun, Kagoshima Pref. 891-9101 JAPAN Tel:0997-92-0520 Fax:0997-92-0750
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

RJKB AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330 - 0930 (APR-SEP), 2330 - 0830 (OCT-MAR)
2	Customs and immigration	On request Customs: 099-260-3125 Immigration: 099-222-5658
3	Health and sanitation	Quarantine(human): On request(099-222-8670) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	2330 - 0930(APR-SEP) 2330 - 0830(OCT-MAR) Remarks: AFIS provided by Kagoshima Airport Office.
8	Fuelling	2330 - 0930(APR-SEP) 2330 - 0830(OCT-MAR)
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJKB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Fueling facilities : Fuel truck, Capacity : 24kl / h
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJKB AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city.
2	Restaurants	Available, not continuous.
3	Transportation	Buses, taxies.
4	Medical facilities	In the city.
5	Bank and Post Office	In the city
6	Tourist Office	Not available.
7	Remarks	Nil

RJKB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6
2	Rescue equipment	Chemical fire fighting truck x 2
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJKB AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Not Applicable
2	Clearance priorities	Nil
3	Remarks	Nil

RJKB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Asphalt-Concrete, Strength : PCN 17/F/C/Y/T
2	Taxiway width, surface and strength	Width:18m, Surface:Asphalt-Concrete, Strength:PCN 17/F/C/Y/T
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJKB AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:04/22 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) Nil TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area

RJKB AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJKB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/T_r, P_s, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW}(domestic), E, C, W_E, W_F, W_G, W_I, W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of service, etc.)	Nil

RJKB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	34.15°	1350×45	PCN 17/F/C/Y/T Asphalt-Concrete	Nil	THR ELEV: 98.8ft
22	214.15°	1350×45	PCN 17/F/C/Y/T Asphalt-Concrete	Nil	THR ELEV: 78.8ft

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24 AD chart	1470x150 1470x150	40x(MNM:113 MAX:150)* 26x(MNM:120 MAX:146)* *For detail, ask airport administrator	RWY Grooving: 1350m x 30m

RJKB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
04	1350	1350	1350	1350	Nil
22	1350	1350	1350	1350	Nil

RJKB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
04	Nil	Nil	PAPI 3.0°/LEFT 304m 45ft	Nil	Nil	Nil	Nil	Nil
22	Nil	Nil	PAPI 3.0°/LEFT 253.4m 45ft	Nil	Nil	Nil	Nil	Nil
Remarks								
10								
RWY THR ID LGT for RWY 04/22 THR(Color : White)								

RJKB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/ IBN location,characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY04 : 310m FM RWY 04 THR, LGTD RWY22 : 260m FM RWY 22 THR, LGTD
3	TWY edge and center line lighting	Nil
4	Secondary power supply/ switch-over time	Within 15 sec : PAPI, RWY THR ID LGT,
5	Remarks	WDI : AVBL

RJKB AD 2.16 HELICOPTER LANDING AREA

Nil

RJKB AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Okierabu Information Zone	Area within a radius of 5nm(9km) of Okierabu ARP	3,000ft or below	E	OKIERABU RADIO En	

RJKB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	OKIERABU RADIO	118.05MHZ	2330 - 0930 (APR-SEP) 2330 - 0830 (OCT-MAR)	Operated by Kagoshima Airport Office

RJKB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (5°W / 2014)	ONC	113.1MHZ	H24	*272558.38N 1284156.27E*		
TACAN	ONC	1165MHZ (CH-78X)	H24	*272600.15N 1284156.09E*	218ft	TACAN AZM unusable: 360°-020° beyond 30NM BLW 3,000ft 050°-085° beyond 30NM BLW 3,000ft 200°-210° beyond 30NM BLW 3,000ft 210°-220° beyond 25NM BLW 3,000ft 220°-250° beyond 30NM BLW 3,000ft 295°-305° beyond 30NM BLW 3,000ft 340°-350° beyond 35NM BLW 3,000ft
MSAS		1575.42MHZ	H24			Transmitting antennas are satellite based

RJKB AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJKB AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJKB AD 2.22 FLIGHT PROCEDURES

TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP Filed	04	A, B, C	-	-	-	400m	-	500m
	22					400m		500m
OTHER	04	A, B, C	AVBL LDG MINIMA					
	22							

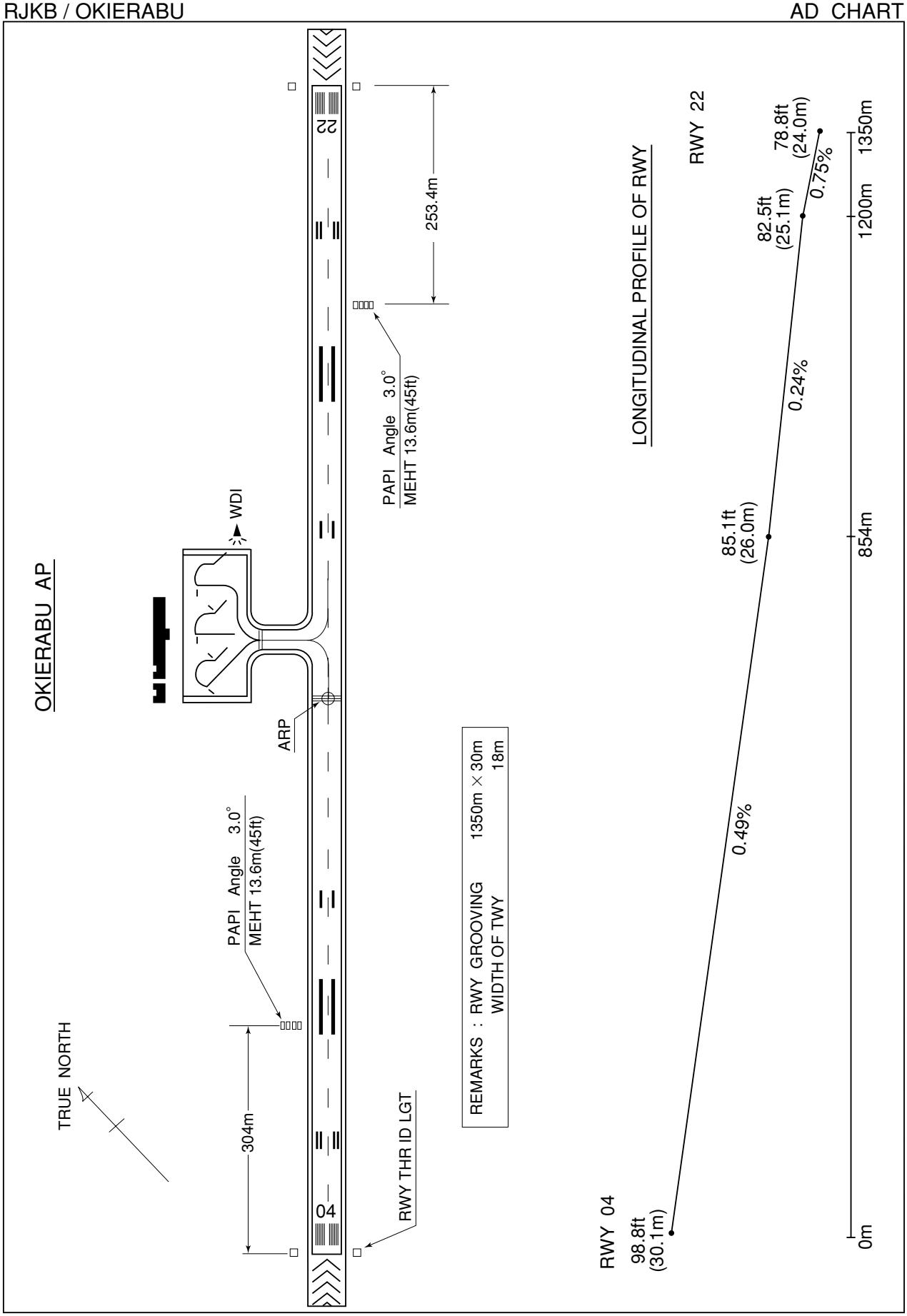
RJKB AD 2.23 ADDITIONAL INFORMATION

Nil

RJKB AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (MEKAX NORTH, YUWAN, ASATO, ERABU REVERSAL)
Standard Departure Chart - Instrument (NEORI, AZEFU, SONNA, YUNTA-RNAV)
Standard Departure Chart - Instrument (HORAI-RNAV)
Standard Arrival Chart - Instrument (HACHA SOUTH, PINNE SOUTH)
Standard Arrival Chart - Instrument (HACHA NORTH, HACHA EAST, PINNE NORTH, PINNE EAST)
Instrument Approach Chart (VOR Z RWY04)
Instrument Approach Chart (VOR Y RWY04)
Instrument Approach Chart (RNAV(GNSS) RWY04)
Instrument Approach Chart (VOR RWY22)
Instrument Approach Chart (RNAV(GNSS) RWY22)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

RJKB / OKIERABU AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU SID

MEKAX NORTH THREE DEPARTURE

RWY04 : Climb RWY HDG to 500FT, turn left...
RWY22 : Climb RWY HDG to 600FT, turn left HDG341°...
... to intercept and proceed via ONC R026 to MEKAX.

Note RWY22 : 5.0% climb gradient required up to 600FT.
OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

YUWAN SIX DEPARTURE

RWY04 : Climb RWY HDG to 500FT,...
RWY22 : Climb RWY HDG to 600FT, turn left HDG002° to intercept and proceed...
... via ONC R047 to YUWAN.
Cross YUWAN 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.

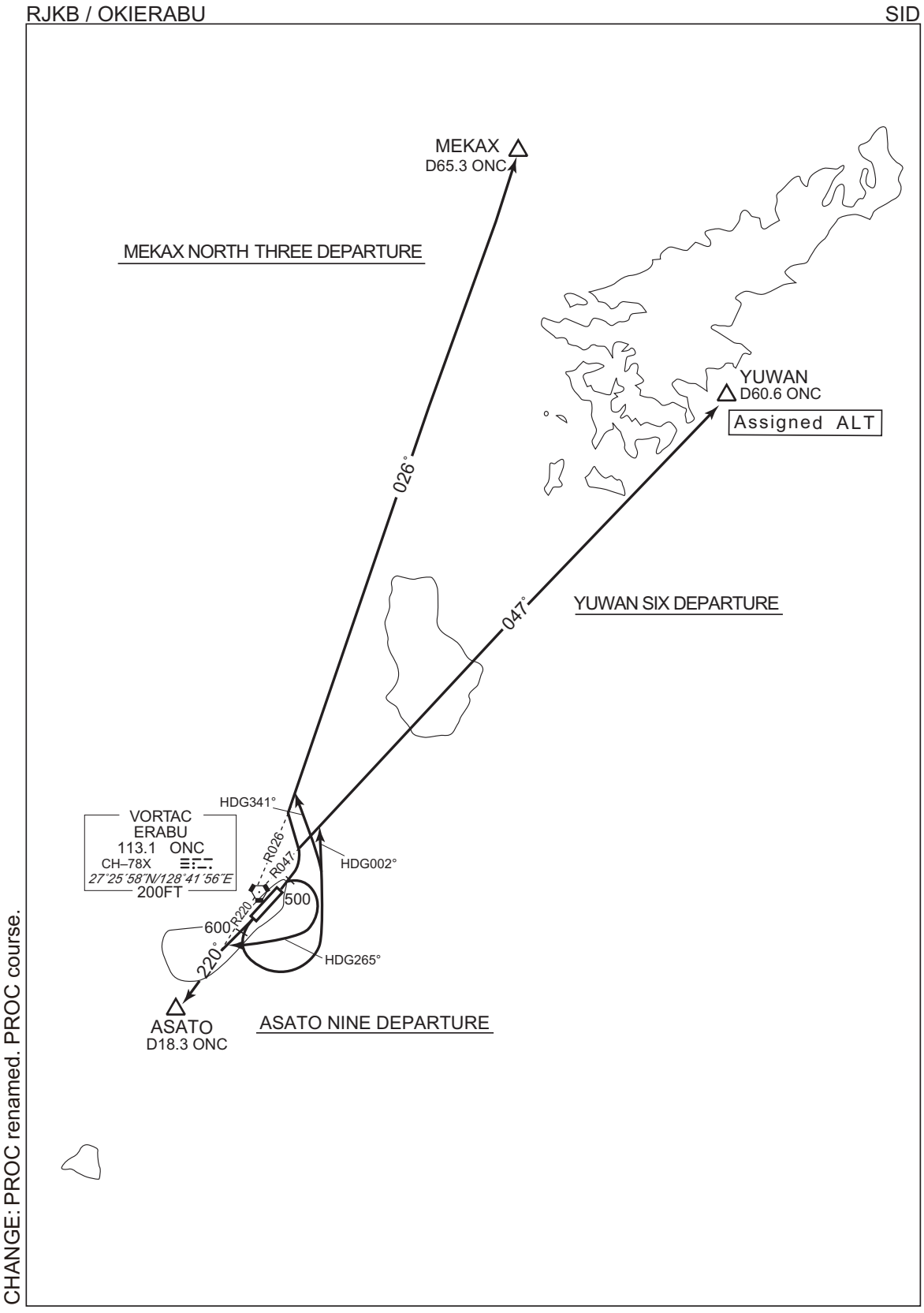
ASATO NINE DEPARTURE

RWY04 : Climb RWY HDG to 500FT, turn right HDG265° to intercept and proceed...
RWY22 : Climb RWY HDG to 600FT,...
... via ONC R220 to ASATO.

Note RWY22 : 5.0% climb gradient required up to 600FT.
OBST ALT 145FT located at 0.2NM 257° FM end of RWY22.

CHANGE: PROC renamed. PROC course. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT



RJKB / OKIERABU SID

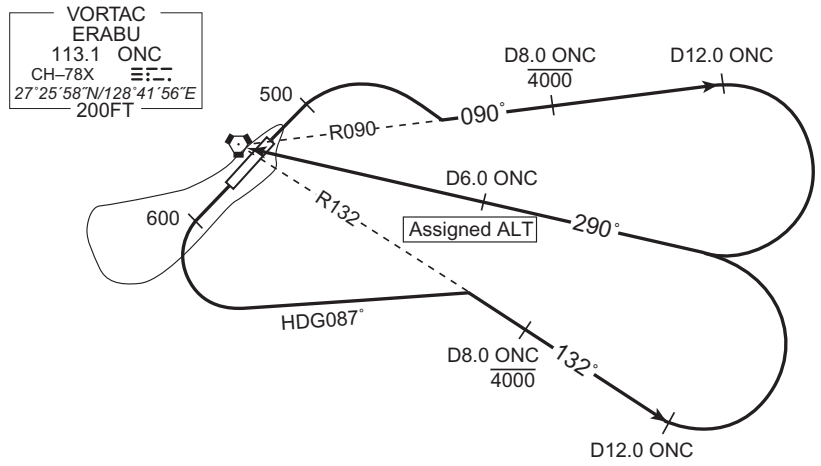
ERABU REVERSAL TWO DEPARTURE

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.

ERABU REVERSAL TWO DEPARTURE



CHANGE: PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

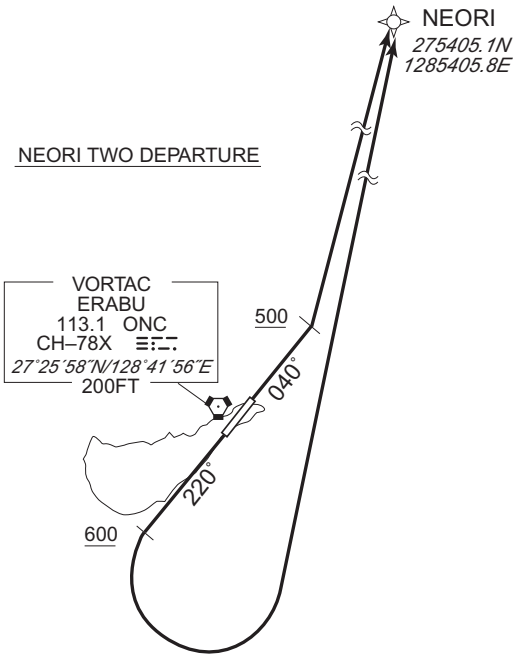
RJKB / OKIERABU

RNAV SID

NEORI TWO DEPARTURE	Basic RNP1

Note GNSS required.

VAR 6° W(2021)



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.

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 (034.1)	-5.9	–	–	+500	–	–	Basic RNP1
002	DF	NEORI	–	–	-5.9	–	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	–	–	220 (214.1)	-5.9	–	–	+600	–	–	Basic RNP1
002	DF	NEORI	–	–	-5.9	–	L	–	–	–	Basic RNP1

CHANGE: VAR. PROC renamed. PROC course. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

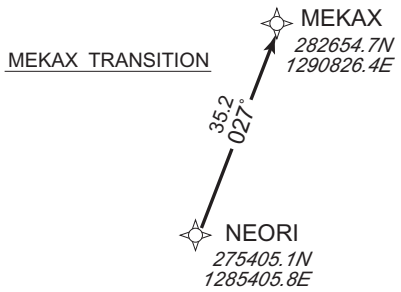
RJKB / OKIERABU

RNAV TRANSITION

MEKAX TRANSITION	Basic RNP1

Note GNSS required.

VAR 6˚ W(2021)



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	–	–	-5.9	–	–	–	–	–	Basic RNP1
002	TF	MEKAX	–	027 (021.0)	-5.9	35.2	–	–	–	–	Basic RNP1

CHANGE: VAR. Navigation Specification. PROC course.

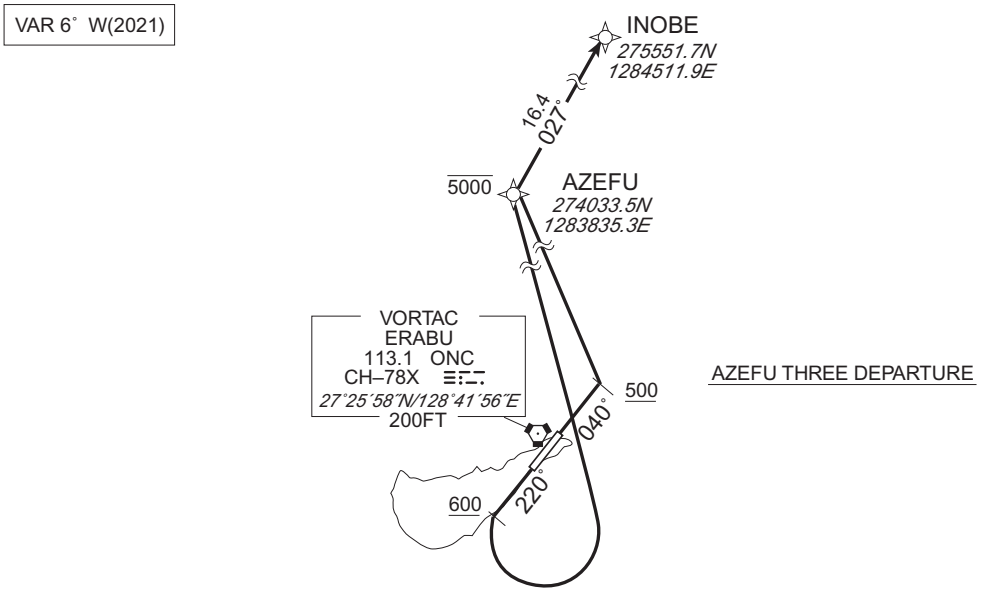
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

AZEFU THREE DEPARTURE	Basic RNP1

Note GNSS required.



AZEFU THREE DEPARTURE

RWY04: Climb on HDG040° at or above 500FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

RWY22: Climb on HDG220° at or above 600FT, turn left direct to AZEFU at or below 5000FT, to INOBE.

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 (034.1)	-5.9	–	–	+500	–	–	Basic RNP1
002	DF	AZEFU	–	–	-5.9	–	L	–5000	–	–	Basic RNP1
003	TF	INOBE	–	027 (020.9)	-5.9	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	–	–	220 (214.1)	-5.9	–	–	+600	–	–	Basic RNP1
002	DF	AZEFU	–	–	-5.9	–	L	–5000	–	–	Basic RNP1
003	TF	INOBE	–	027 (020.9)	-5.9	16.4	–	–	–	–	Basic RNP1

CHANGE: VAR. PROC renamed. PROC course. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

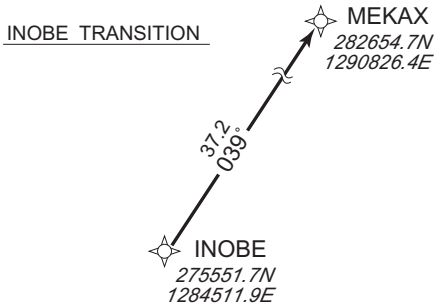
RJKB / OKIERABU

RNAV TRANSITION

INOBE TRANSITION	Basic RNP1

Note GNSS required.

VAR 6˚ W(2021)



INOBE 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	–	–	-5.9	–	–	–	–	–	Basic RNP1
002	TF	MEKAX	–	039 (033.3)	-5.9	37.2	–	–	–	–	Basic RNP1

CHANGE: VAR. Navigation Specification.

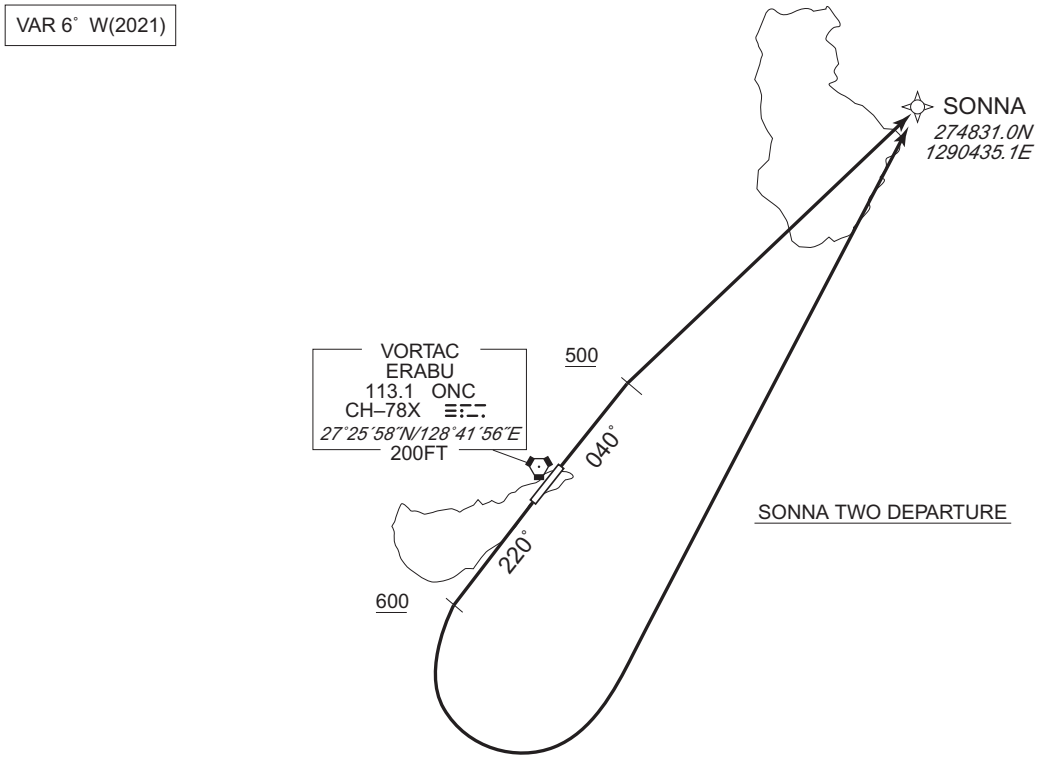
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

SONNA TWO DEPARTURE	Basic RNP1

Note GNSS required.



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.

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 (034.1)	-5.9	–	–	+500	–	–	Basic RNP1
002	DF	SONNA	–	–	-5.9	–	–	–	–	–	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	–	–	220 (214.1)	-5.9	–	–	+600	–	–	Basic RNP1
002	DF	SONNA	–	–	-5.9	–	L	–	–	–	Basic RNP1

CHANGE: VAR. PROC renamed. PROC course. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

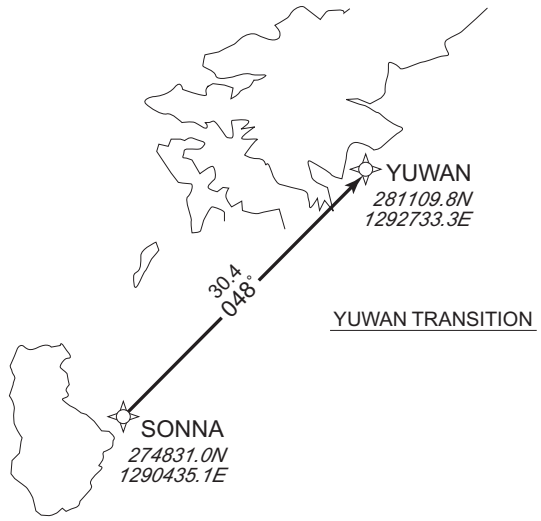
RJKB / OKIERABU

RNAV TRANSITION

YUWAN TRANSITION | Basic RNP1

Note GNSS required.

VAR 6° W(2021)



YUWAN TRANSITION

From SONNA to YUWAN.

CHANGE: VAR. Navigation Specification. PROC course.

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	–	–	-5.9	–	–	–	–	–	Basic RNP1
002	TF	YUWAN	–	048 (041.8)	-5.9	30.4	–	–	–	–	Basic RNP1

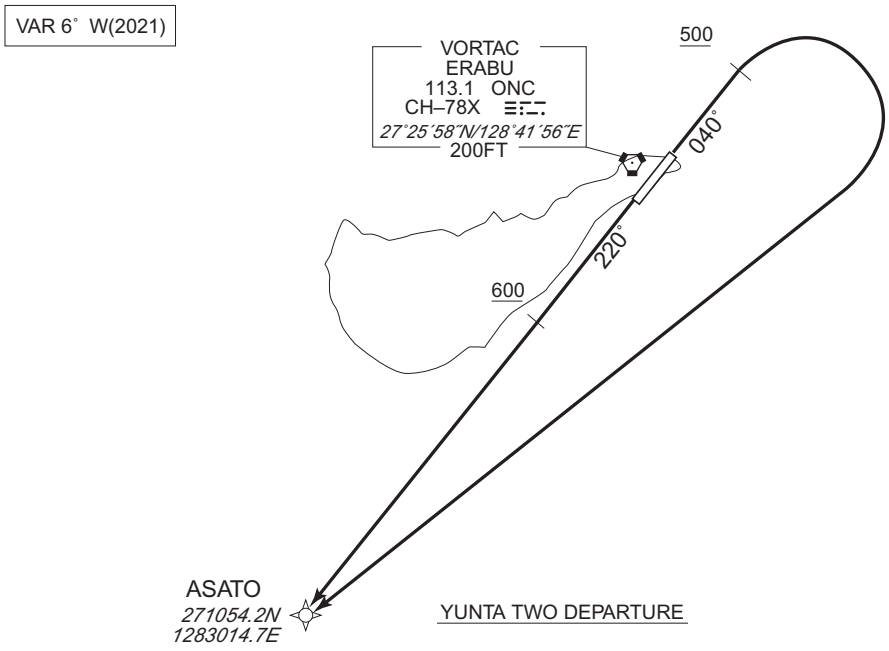
STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU

RNAV SID

YUNTA TWO DEPARTURE	Basic RNP1

Note GNSS required.



YUNTA TWO DEPARTURE

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 (034.1)	-5.9	–	–	+500	–	–	Basic RNP1
002	DF	ASATO	–	–	-5.9	–	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	–	–	220 (214.1)	-5.9	–	–	+600	–	–	Basic RNP1
002	DF	ASATO	–	–	-5.9	–	–	–	–	–	Basic RNP1

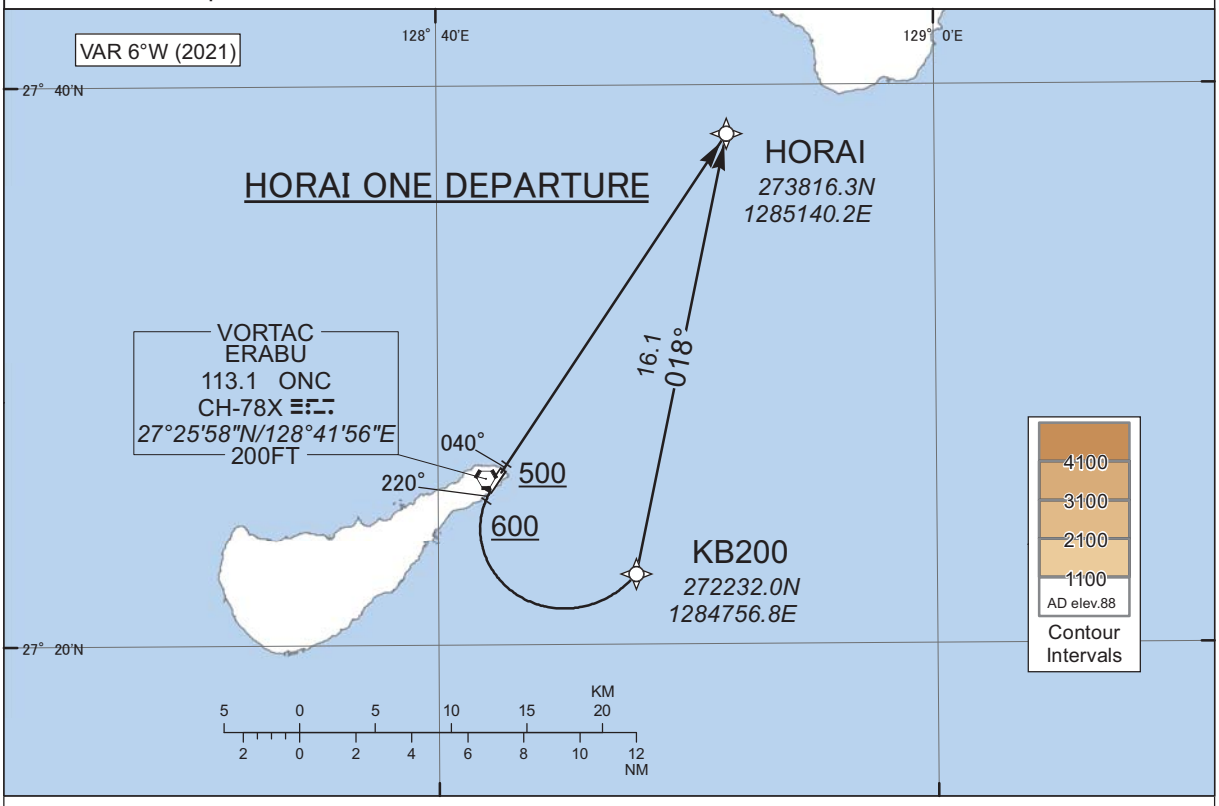
CHANGE: VAR. PROC renamed. PROC course. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RJKB / OKIERABU — RNAV SID

HORAI ONE DEPARTURE	Basic RNP1

Note GNSS required.



HORAI ONE DEPARTURE

RWY04 : Climb on HDG 040° at or above 500FT, direct to HORAI.
RWY22 : Climb on HDG 220° at ot 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 (034.1)	-5.9	-	-	+500	-	-	Basic RNP1
002	DF	HORAI	-	-	-5.9	-	-	-	-	-	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	-	-	220 (214.1)	-5.9	-	-	+600	-	-	Basic RNP1
002	DF	KB200	-	-	-5.9	-	L	-	-	-	Basic RNP1
003	TF	HORAI	-	018 (011.8)	-5.9	16.1	-	-	-	-	Basic RNP1

CHANGE : New PROC.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU

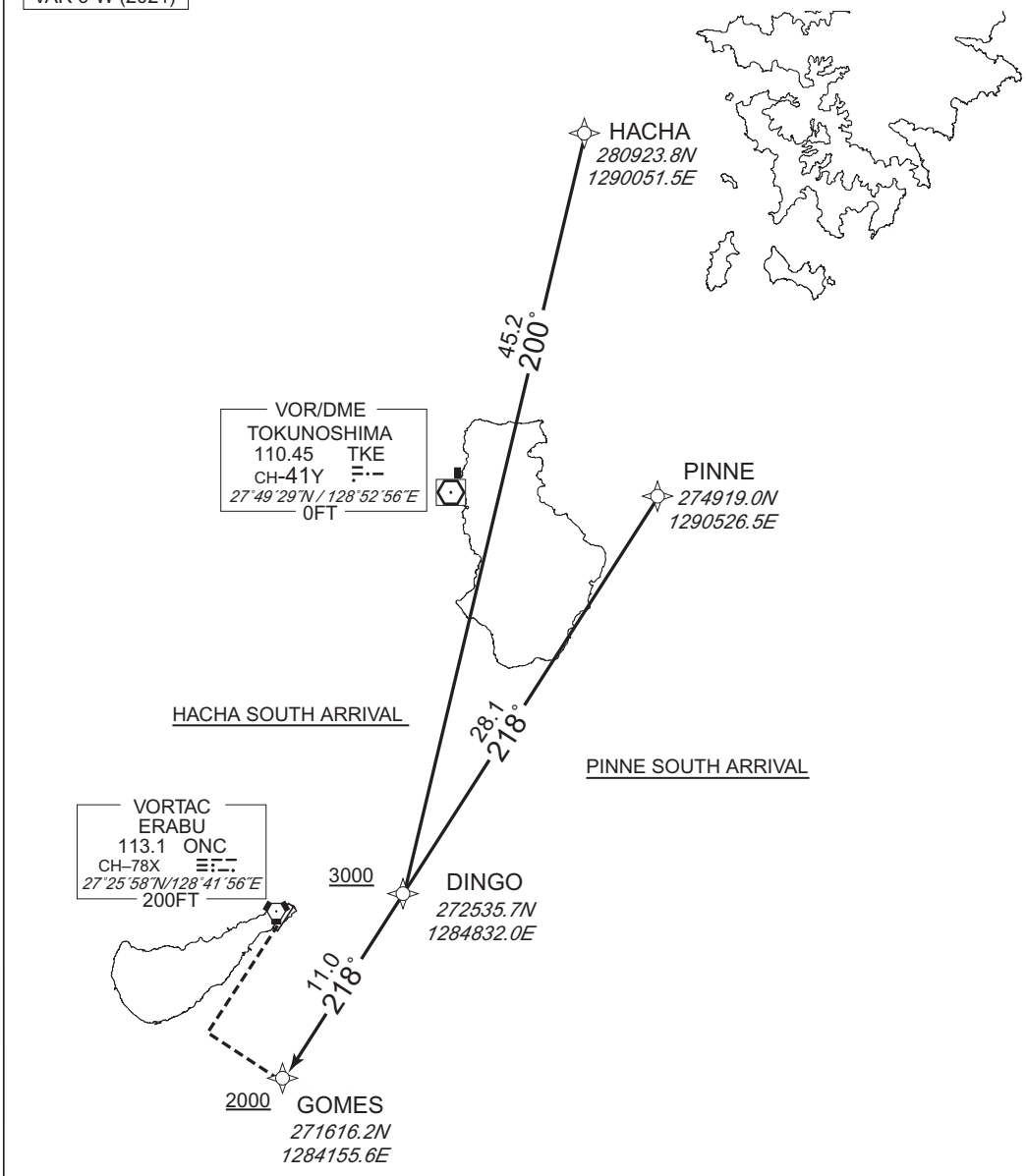
RNAV STAR RWY04

HACHA SOUTH ARRIVAL
PINNE SOUTH ARRIVAL

Basic RNP1

Note GNSS required.

VAR 6°W (2021)



CHANGE: VAR. Course FM HACHA 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	–	–	-5.9	–	–	–	–	–	Basic RNP1
002	TF	DINGO	–	200 (194.0)	-5.9	45.2	–	+3000	–	–	Basic RNP1
003	TF	GOMES	–	218 (212.2)	-5.9	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	–	–	-5.9	–	–	–	–	–	Basic RNP1
002	TF	DINGO	–	218 (212.3)	-5.9	28.1	–	+3000	–	–	Basic RNP1
003	TF	GOMES	–	218 (212.2)	-5.9	11.0	–	+2000	–	–	Basic RNP1

CHANGE: VAR. Course FM HACHA to DINGO.

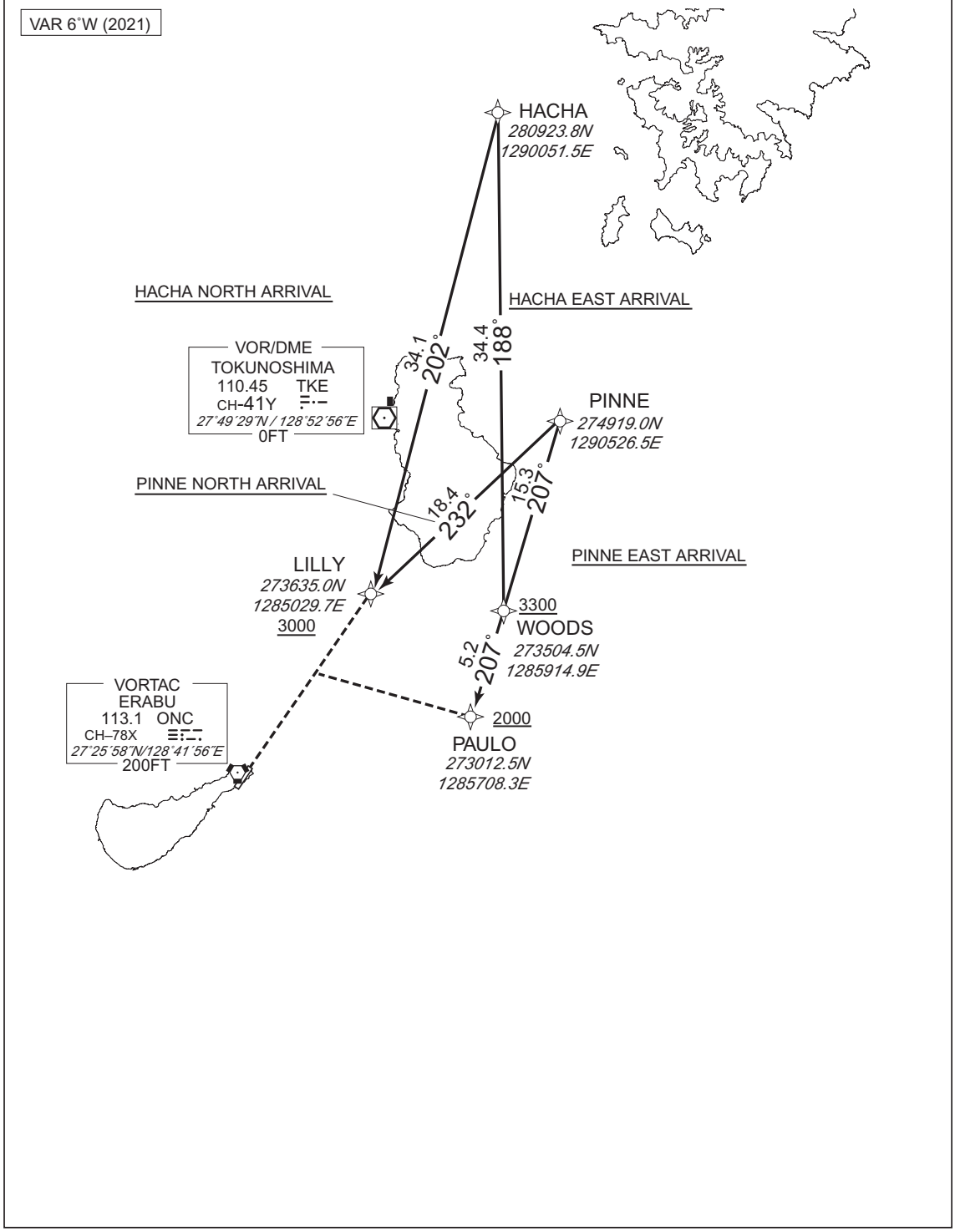
STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU — RNAV STAR RWY22

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

Basic RNP1

Note GNSS required.



CHANGE: VAR. Course FM HACHA to LILLY.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKB / OKIERABU RNAV STAR RWY22

CHANGE: PROC course FM HACHA to LILLY.

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	–	202 (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

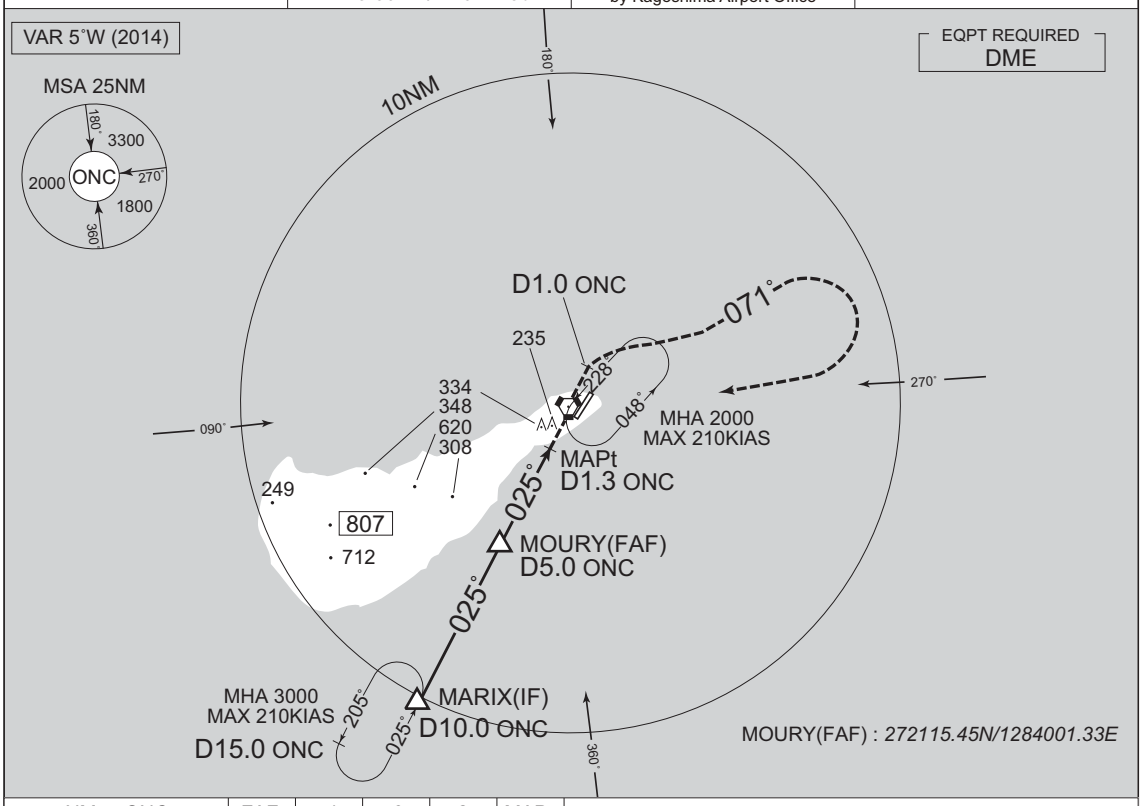
From PINNE, to WOODS at or above 3300FT, to PAULO at or above 2000FT.

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

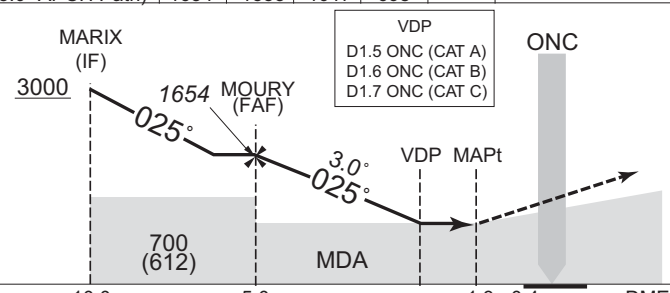
INSTRUMENT APPROACH CHART

RJKB / OKIERABU — VOR Z RWY04

NAHA APP	ERABU VORTAC	OKIERABU RADIO	NO RADAR
124.95 – 280.1	113.1 ONC CH – 78X *27°25′58″N / 128°41′56″E*	118.05 AFIS provided by Kagoshima Airport Office	



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.

10.0	5.0	1.3	0.4	DME to ONC
9.7	4.7	1.0	0	NM to THR

CHANGE : ATC call sign and FREQ.

MINIMA THR elev. 98 AD elev. 88

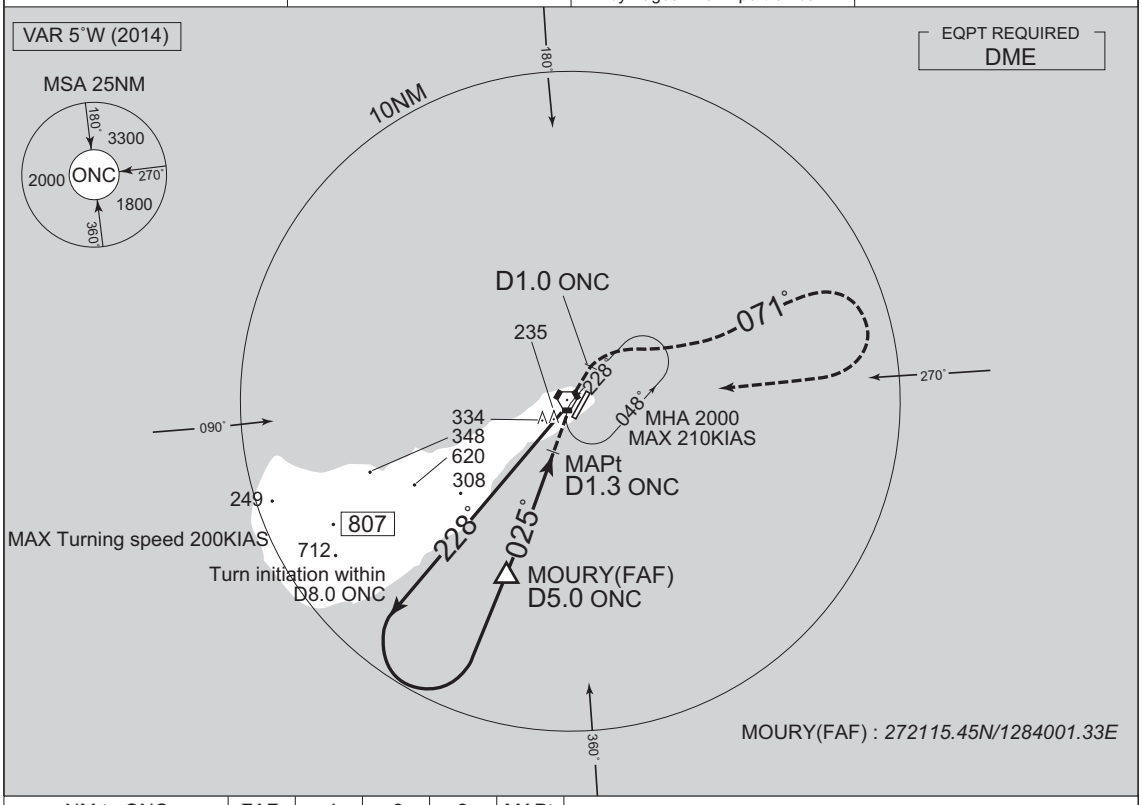
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	490 (402)	1500	500 (412)	1600
B	510 (422)		540 (452)	
C	540 (452)	2000		2400
D	–	–	–	–

Circling to EAST side of RWY only.

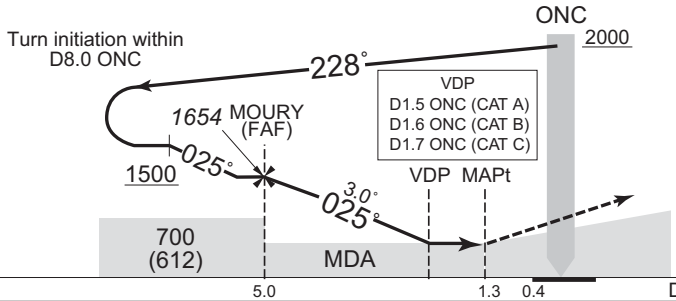
INSTRUMENT APPROACH CHART

RJKB / OKIERABU VOR Y RWY04

NAHA APP	ERABU VORTAC	OKIERABU RADIO	NO RADAR
124.95 – 280.1	113.1 ONC CH–78X *27°25′58″N / 128°41′56″E*	118.05 AFIS provided by Kagoshima Airport Office	



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.

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		2400
D	–	–	–	–

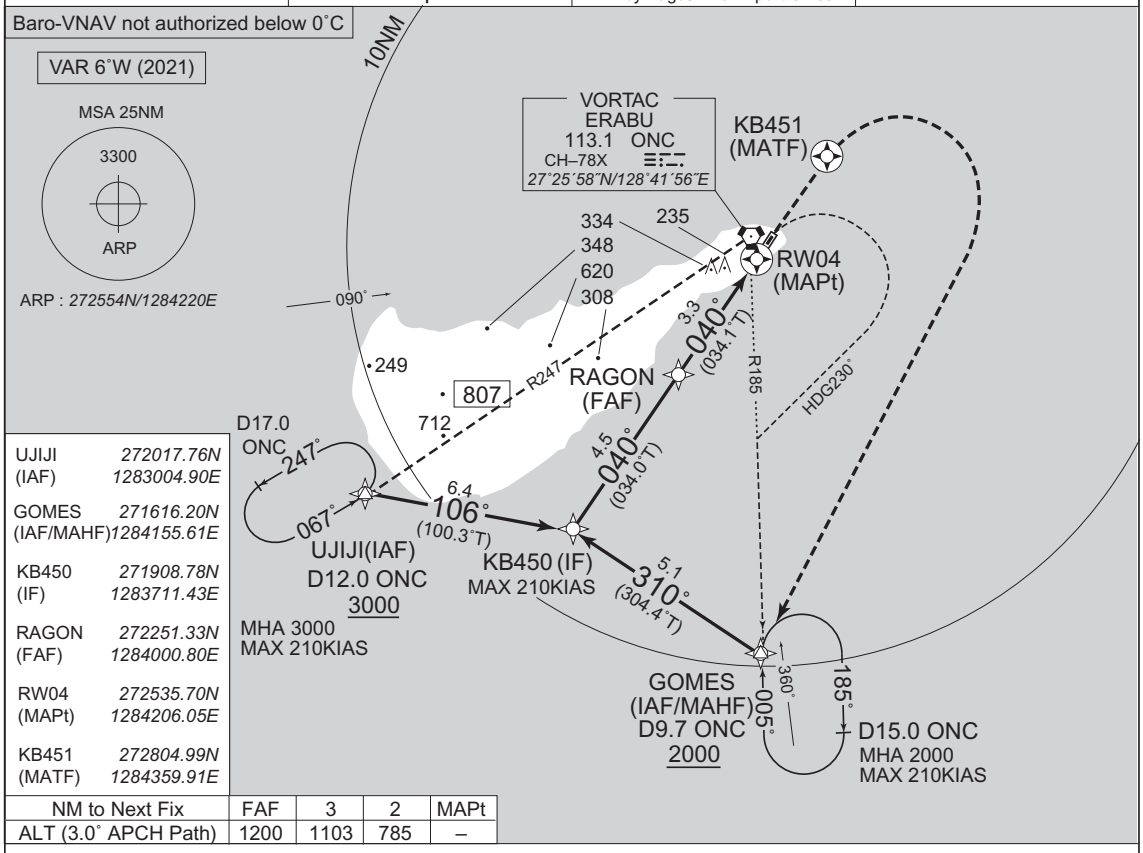
Circling to EAST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

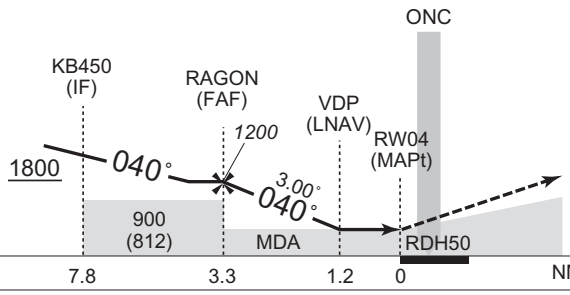
RJKB / OKIERABU — RNAV(GNSS) RWY04

NAHA APP	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required.	OKIERABU RADIO 118.05 AFIS provided by Kagoshima Airport Office	NO RADAR
124.95 - 280.1			



UJIJI (IAF)	272017.76N 1283004.90E
GOMES (IAF/MAHF)	271616.20N 1284155.61E
KB450 (IF)	271908.78N 1283711.43E
RAGON (FAF)	272251.33N 1284000.80E
RW04 (MAPt)	272535.70N 1284206.05E
KB451 (MATF)	272804.99N 1284359.91E

NM to Next Fix	FAF	3	2	MAPt
ALT (3.0˚ APCH Path)	1200	1103	785	–



MISSED APPROACH

Direct to KB451, turn right direct to GOMES and hold at 2000FT.
Contact OKIERABU RADIO.

(For using VORTAC)
Turn right HDG230˚ to intercept and proceed via ONC R185 to GOMES and hold at 2000FT.
Contact OKIERABU RADIO.

MINIMA THR elev. 98 AD elev. 88

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	500 (402)	1500	500 (412)	1500	500 (412)	1600
B					540 (452)	
C		1800		1800		2400
D	–	–	–	–	–	–

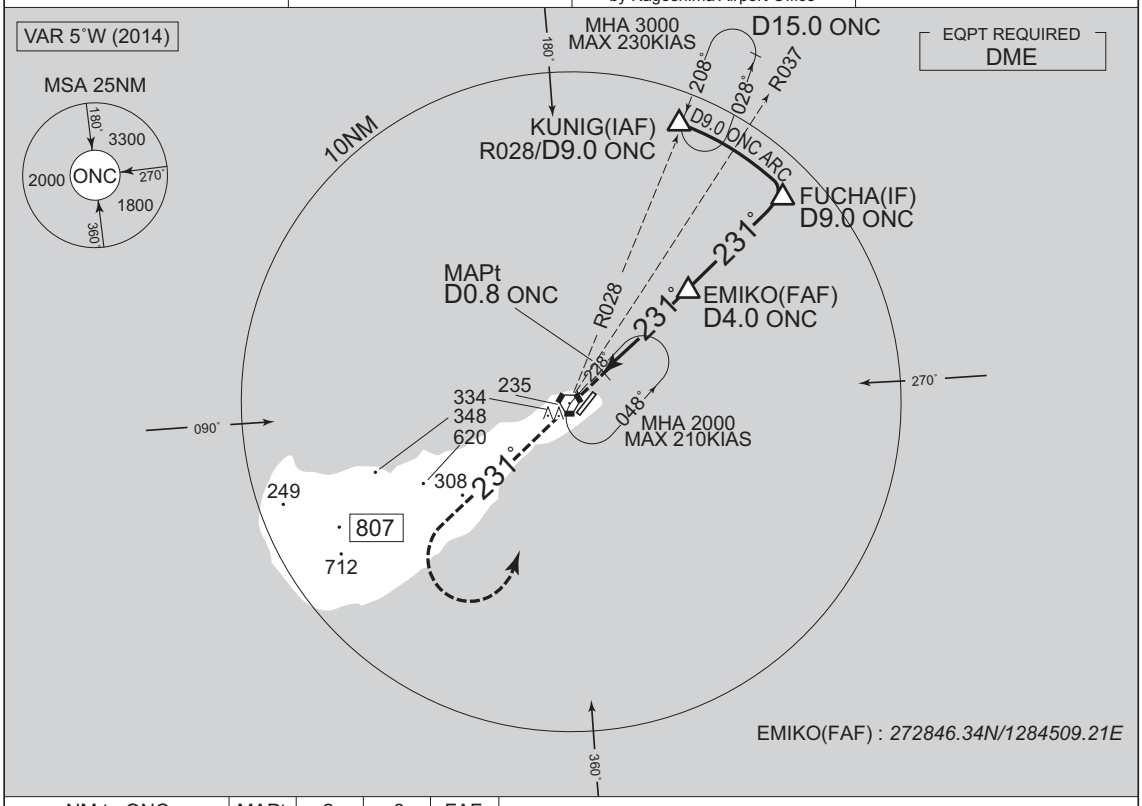
Circling to EAST side of RWY only.

CHANGE : VAR. ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU VOR RWY22

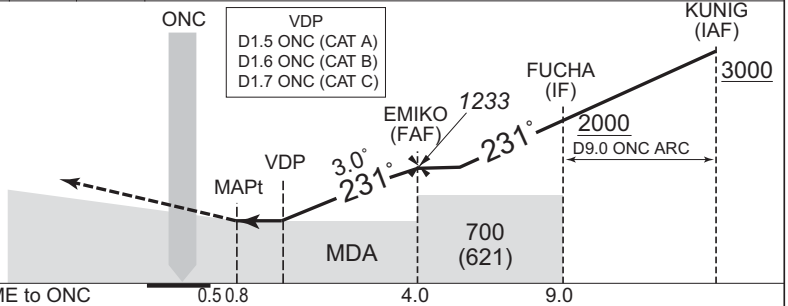
NAHA APP	ERABU VORTAC	OKIERABU RADIO	NO RADAR
124.95 – 280.1	113.1 ONC CH – 78X *27˚25´58˝N / 128˚41´56˝E*	118.05 AFIS provided by Kagoshima Airport Office	



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

MISSED APPROACH
Climb via ONC R231 to 2000FT, turn left, direct to ONC VORTAC and hold.
Contact OKIERABU RADIO.

Timing not authorized for defining the MAPt.



DME to ONC	0.5	0.8	4.0	9.0
NM to THR	0	0.3	3.5	8.5

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		2400
D	–	–	–	–

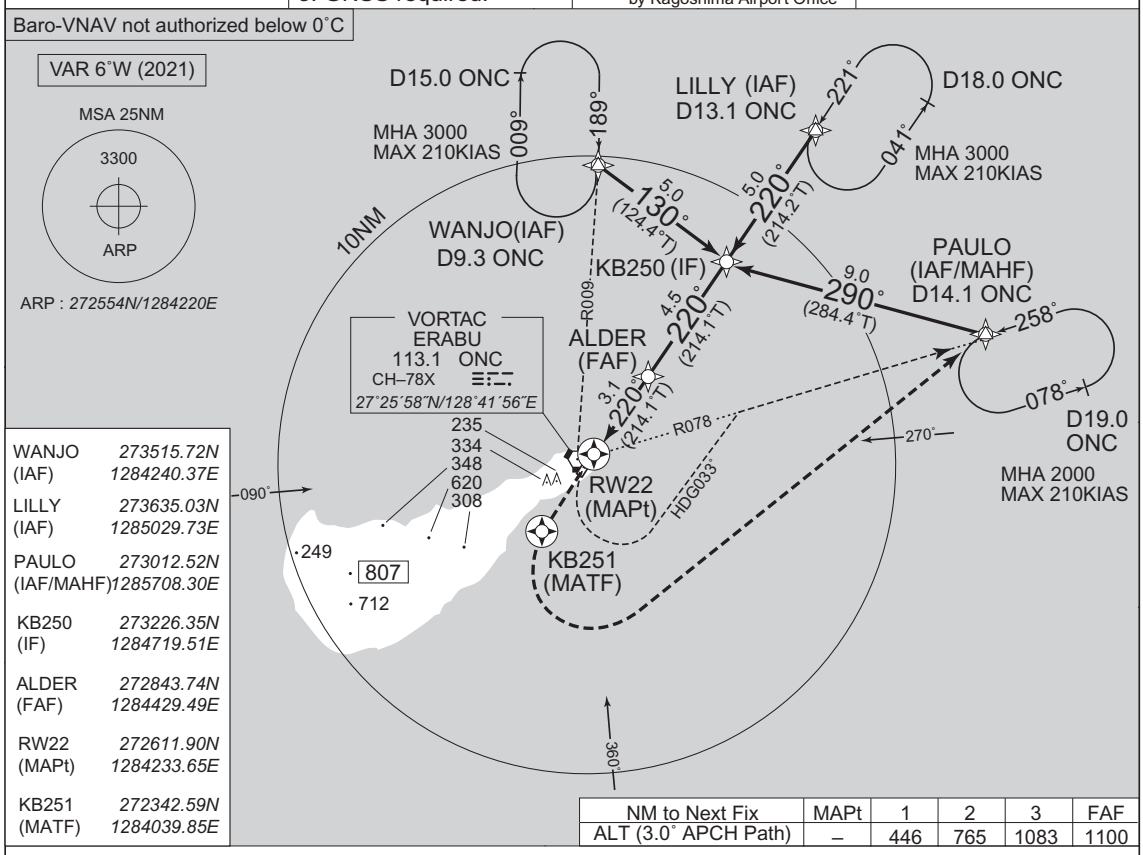
Circling to EAST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU — RNAV(GNSS) RWY22

NAHA APP	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required.	OKIERABU RADIO 118.05 AFIS provided by Kagoshima Airport Office	NO RADAR
124.95 - 280.1			

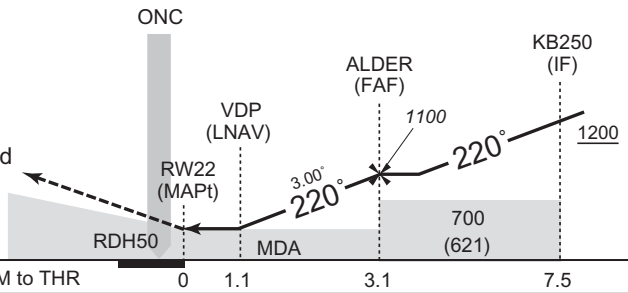


NM to Next Fix	MAPt	1	2	3	FAF
ALT (3.0˚ APCH Path)	–	446	765	1083	1100

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.



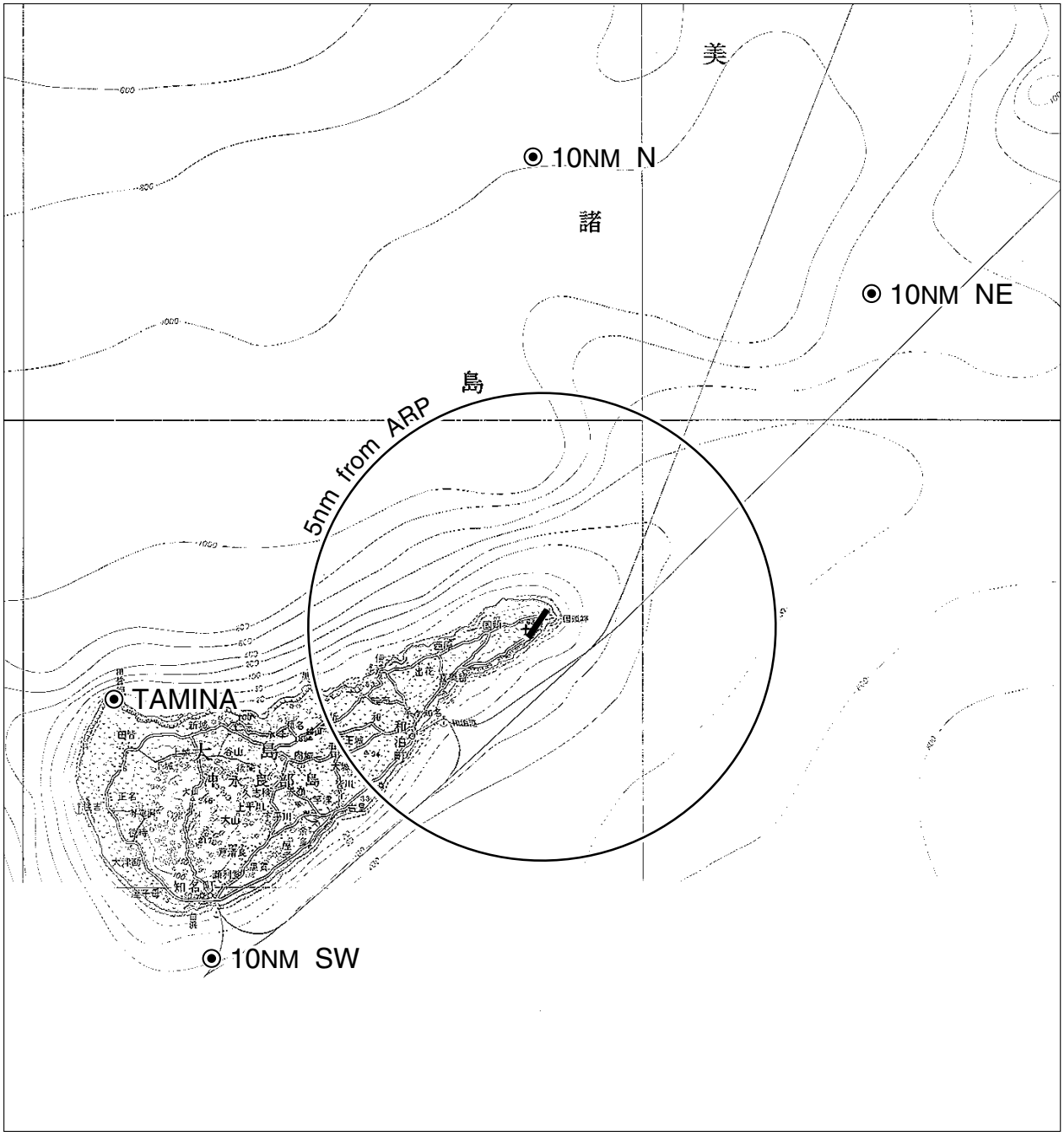
MINIMA THR elev. 79 AD elev. 88

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					540 (452)	
C		1800		1800		2400
D	–	–	–	–	–	–

Circling to EAST side of RWY only.

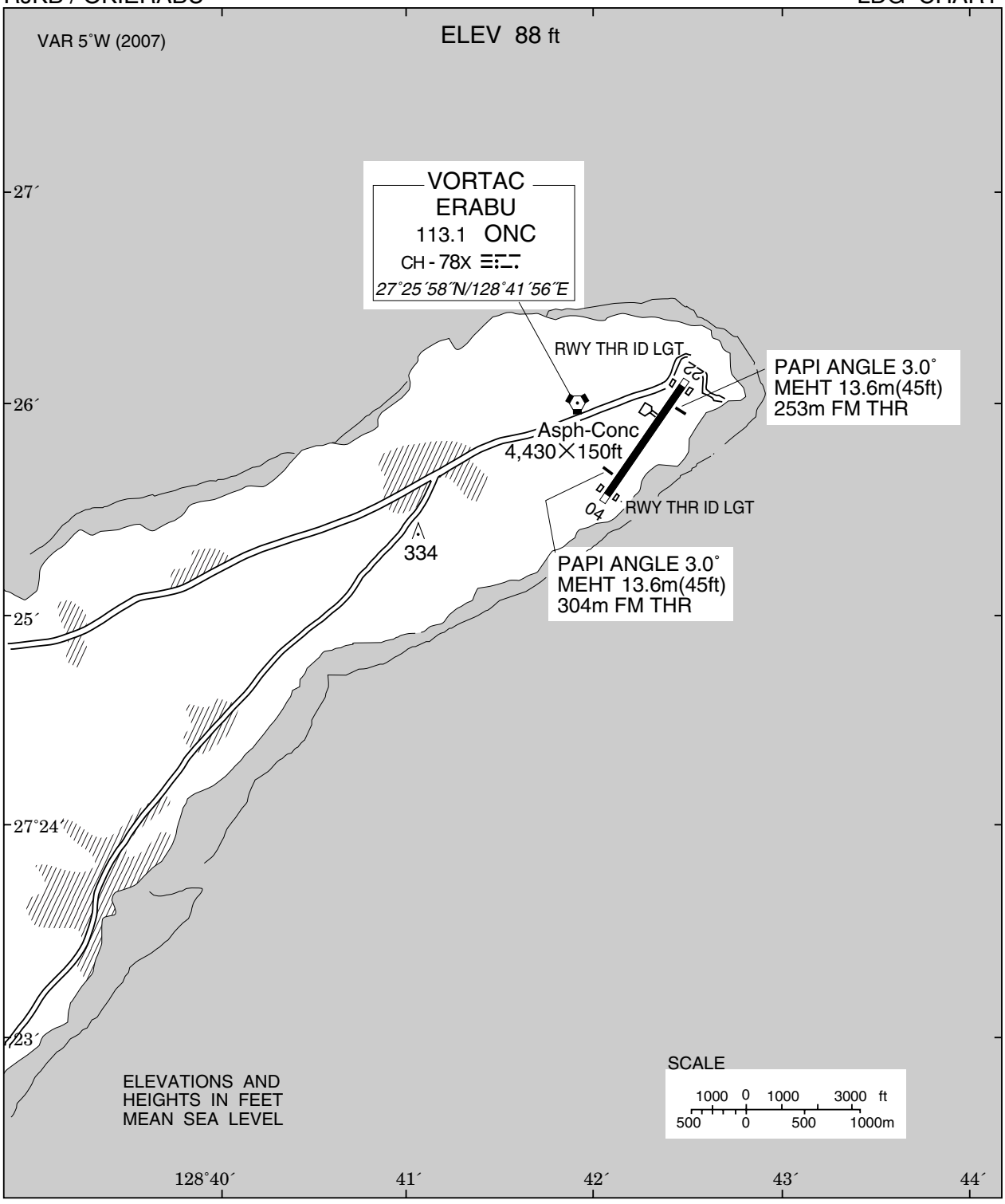
CHANGE : VAR. ATC call sign and FREQ.

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