

## 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,Wadamari-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: Airport Remote Mobile Communication Service provided by Kagoshima FSC.
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 <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>F</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	REMOTE
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°	1350x45	PCN 17/F/C/Y/T Asphalt-Concrete	Nil	THR ELEV: 98.8ft
22	214.15°	1350x45	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
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## 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 REMOTE En	

## RJKB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	OKIERABU REMOTE	118.05MHZ	2330 - 0930 (APR-SEP) 2330 - 0830 (OCT-MAR)	Remote air-ground facility controlled by Kagoshima FSC

## 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

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**RJKB AD 2.20 LOCAL TRAFFIC REGULATIONS**

1. Airport regulations

Nil
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2. Taxiing to and from stands

Nil
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3. Parking area for small aircraft(General aviation)

Nil
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4. Parking area for helicopters

Nil
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5. Apron - taxiing during winter conditions

Nil
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6. Taxiing - limitations

Nil
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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
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**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	CEIL-VIS	RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP Filed	04	A, B, C	-	-	-	0-400m	-	0-500m
	22					200-1600m		200-1600m
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 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 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

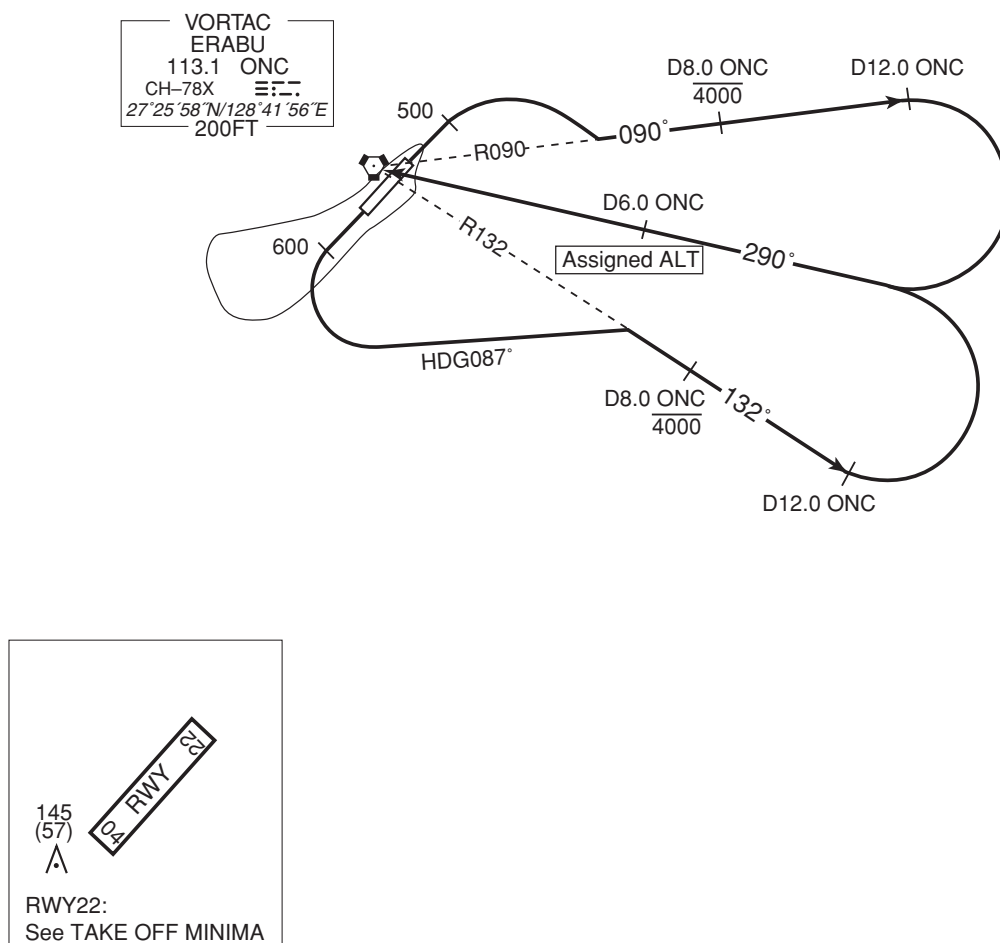
ERABU REVERSAL ONE DEPARTURE

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.

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

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

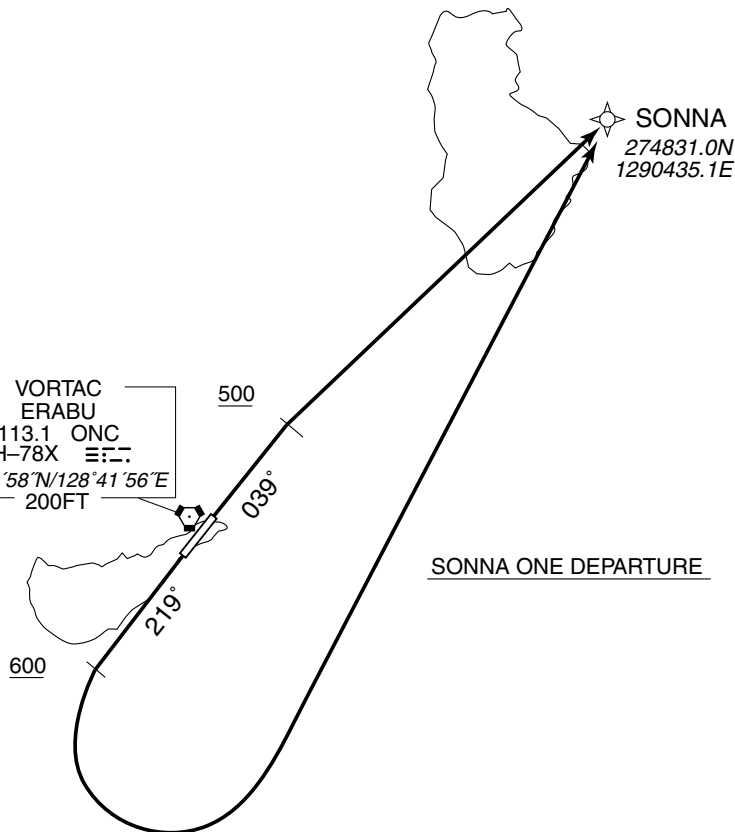
Basic RNP1

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

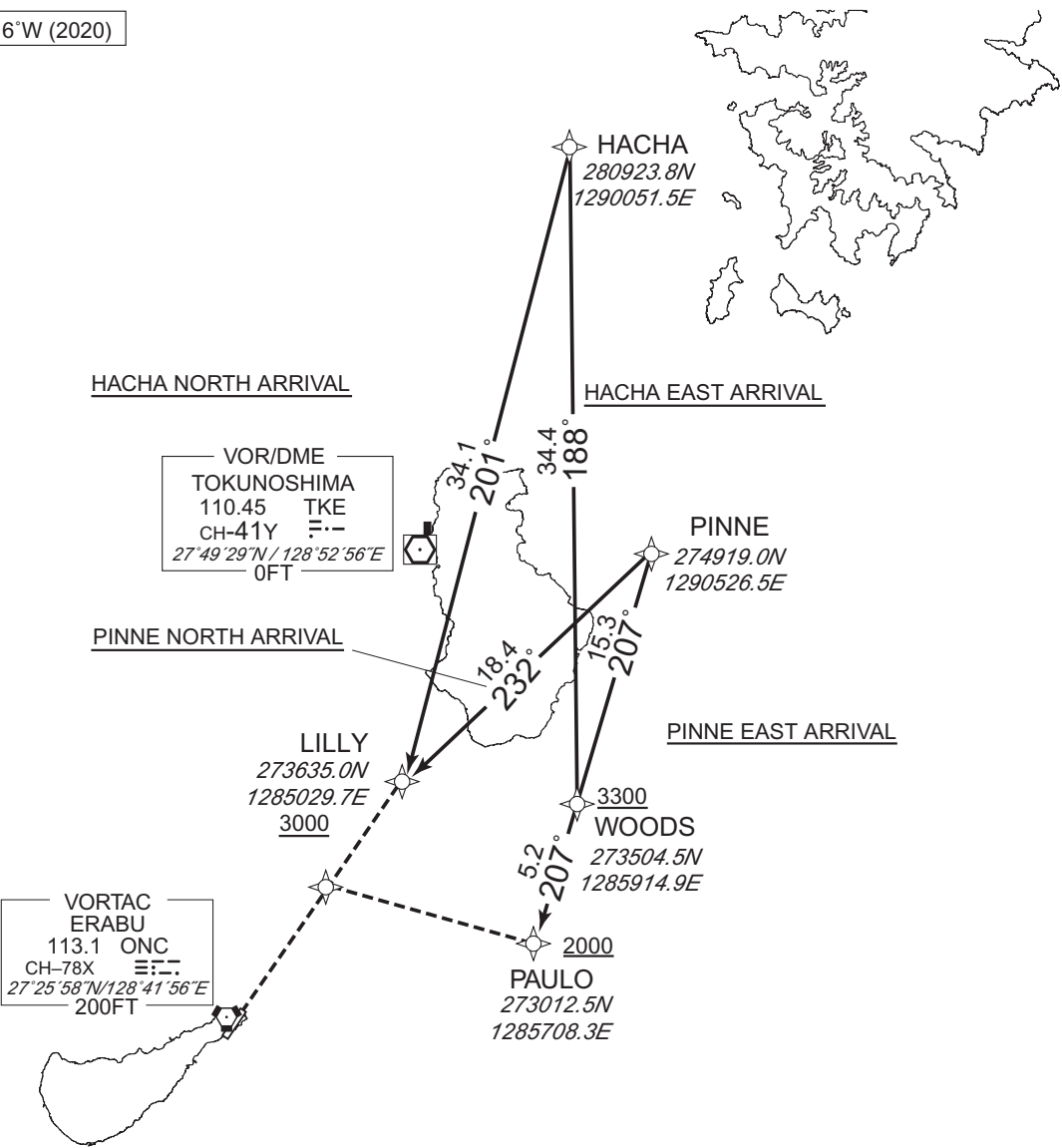
HACHA NORTH ARRIVAL / HACHA EAST ARRIVAL  
PINNE NORTH ARRIVAL / PINNE EAST ARRIVAL

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.

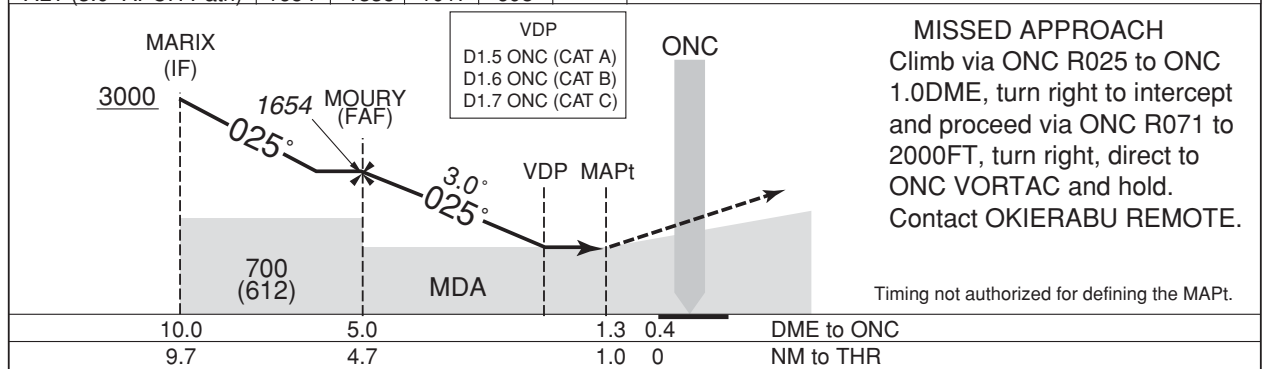
INSTRUMENT APPROACH CHART

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	
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

RJKB / OKIERABU

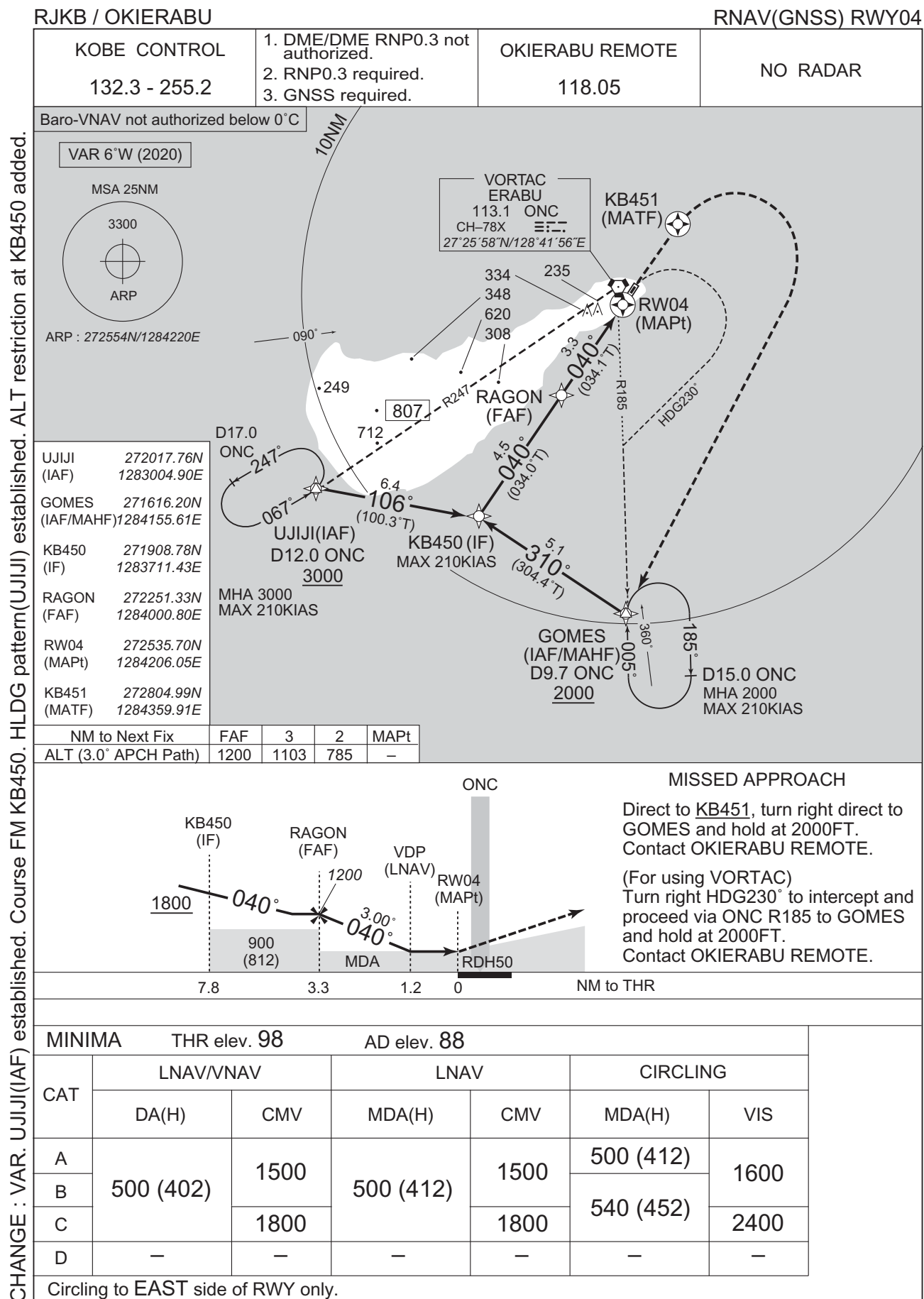
VOR Y RWY04



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.

## INSTRUMENT APPROACH CHART

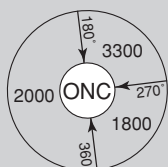


## RJKB / OKIERABU

VOR RWY22



MSA 25NM



EQPT REQUIRED  
DME

EMIKO(FAF) : 272846.34N/1284509.21E

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.

## RJKB / OKIERABU

## RNAV(GNSS) RWY22

Baro-VNAV not authorized below 0°C

MSA 25NM

3300



ARP : 272554N/1284220E

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

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

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LDG CHART



RJKB / OKIERABU

Minimum Vectoring Altitude CHART

