

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...

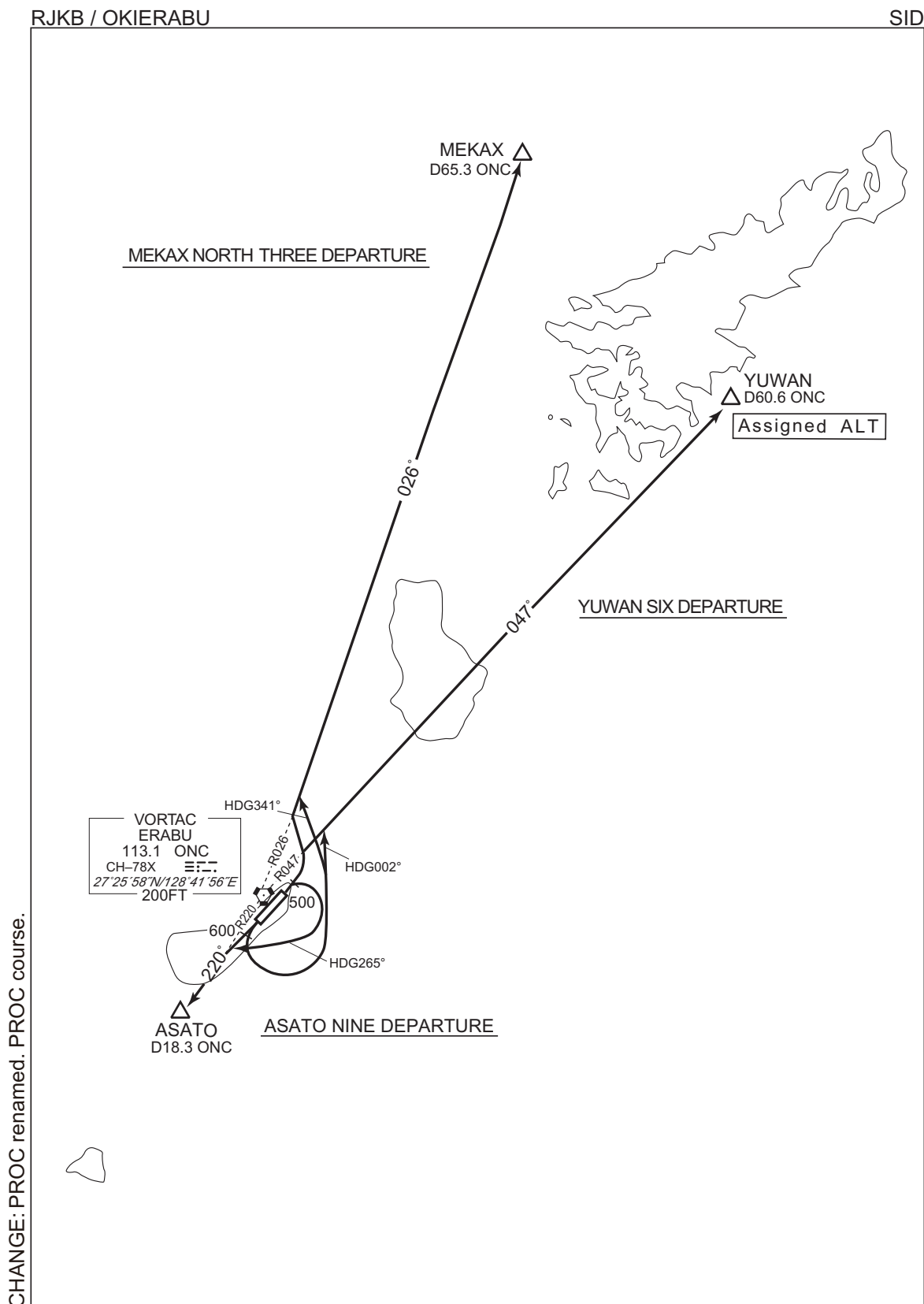
RWY22 : Climb RWY HDG to 600FT, ...
... via ONC R220 to ASATO.

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.

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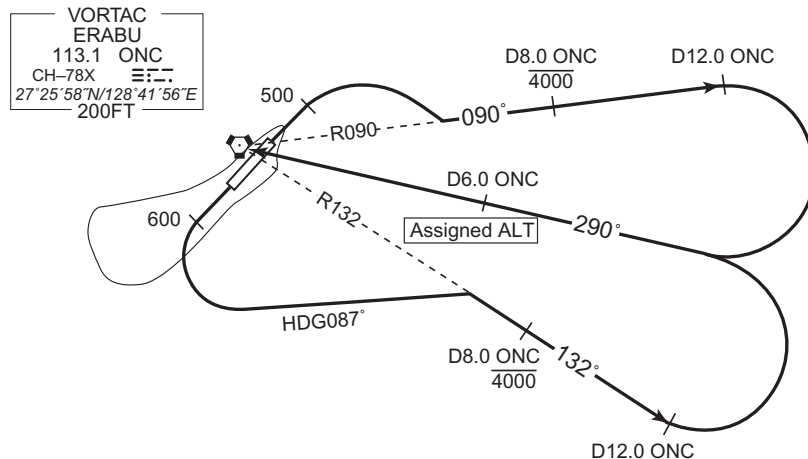
ERABU REVERSAL TWO DEPARTURE

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

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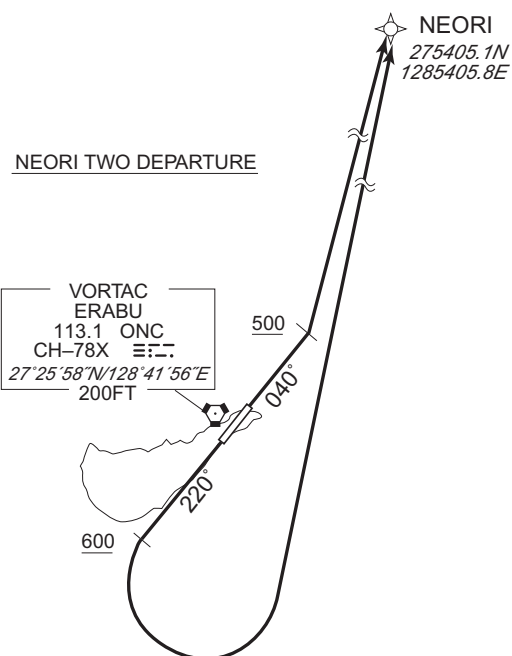
RNAV SID

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

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RNAV TRANSITION

MEKAX TRANSITION	Basic RNP1																																				
Note GNSS required.																																					
<div>VAR 6° W(2021)</div> <div><p>MEKAX TRANSITION</p><p>MEKAX 282654.7N 1290826.4E</p><p>NEORI 275405.1N 1285405.8E</p><p>35.2 027°</p></div>																																					
<p><u>MEKAX TRANSITION</u> From NEORI to MEKAX.</p>																																					
<div>CHANGE: VAR. Navigation Specification. PROC course.</div> <table><thead><tr><th>Serial Number</th><th>Path Descriptor</th><th>Waypoint Identifier</th><th>Fly Over</th><th>Course °M(°T)</th><th>Magnetic Variation</th><th>Distance (NM)</th><th>Turn Direction</th><th>Altitude (FT)</th><th>Speed (KIAS)</th><th>Vertical Angle</th><th>Navigation Specification</th></tr></thead><tbody><tr><td>001</td><td>IF</td><td>NEORI</td><td>—</td><td>—</td><td>-5.9</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>Basic RNP1</td></tr><tr><td>002</td><td>TF</td><td>MEKAX</td><td>—</td><td>027 (021.0)</td><td>-5.9</td><td>35.2</td><td>—</td><td>—</td><td>—</td><td>—</td><td>Basic RNP1</td></tr></tbody></table>		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
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																										

STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID

AZEFU THREE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6° W(2021)

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



CHANGE: VAR. Navigation Specification.

STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID

SONNA TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6° W(2021)

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

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RNAV TRANSITION

YUWAN TRANSITION										Basic RNP1		
Note GNSS required.												
<div>VAR 6° W(2021)</div> <div></div>												
<div>YUWAN TRANSITION</div> <div>From SONNA to YUWAN.</div>												
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.

VAR 6° W(2021)

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.

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RNAV SID



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

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

RWY04

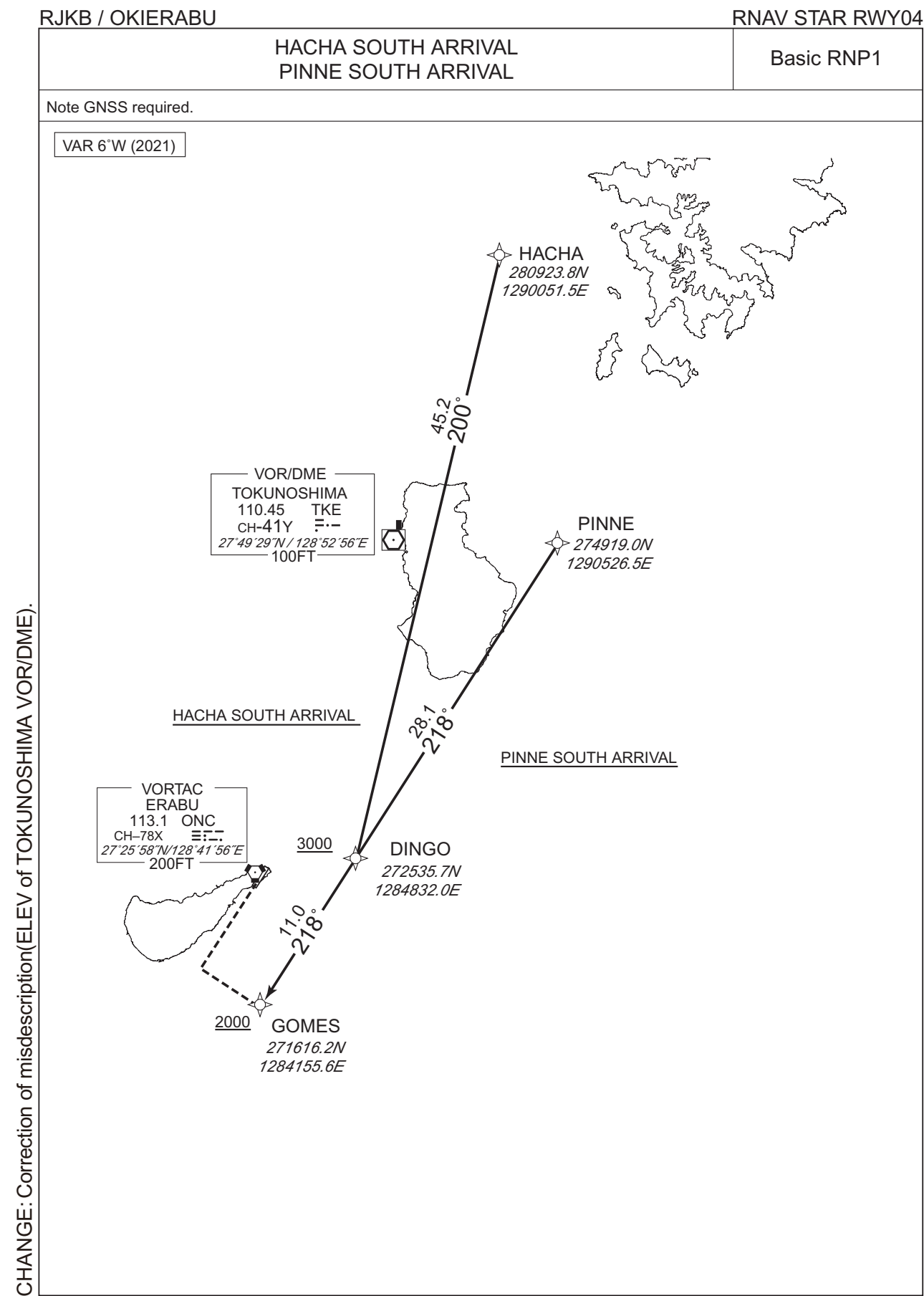
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	040 (034.1)	-5.9	-	-	+500	-	-	Basic RNP1
002	DF	HORAI	-	-	-5.9	-	-	-	-	-	Basic RNP1

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



STANDARD ARRIVAL CHART - INSTRUMENT

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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

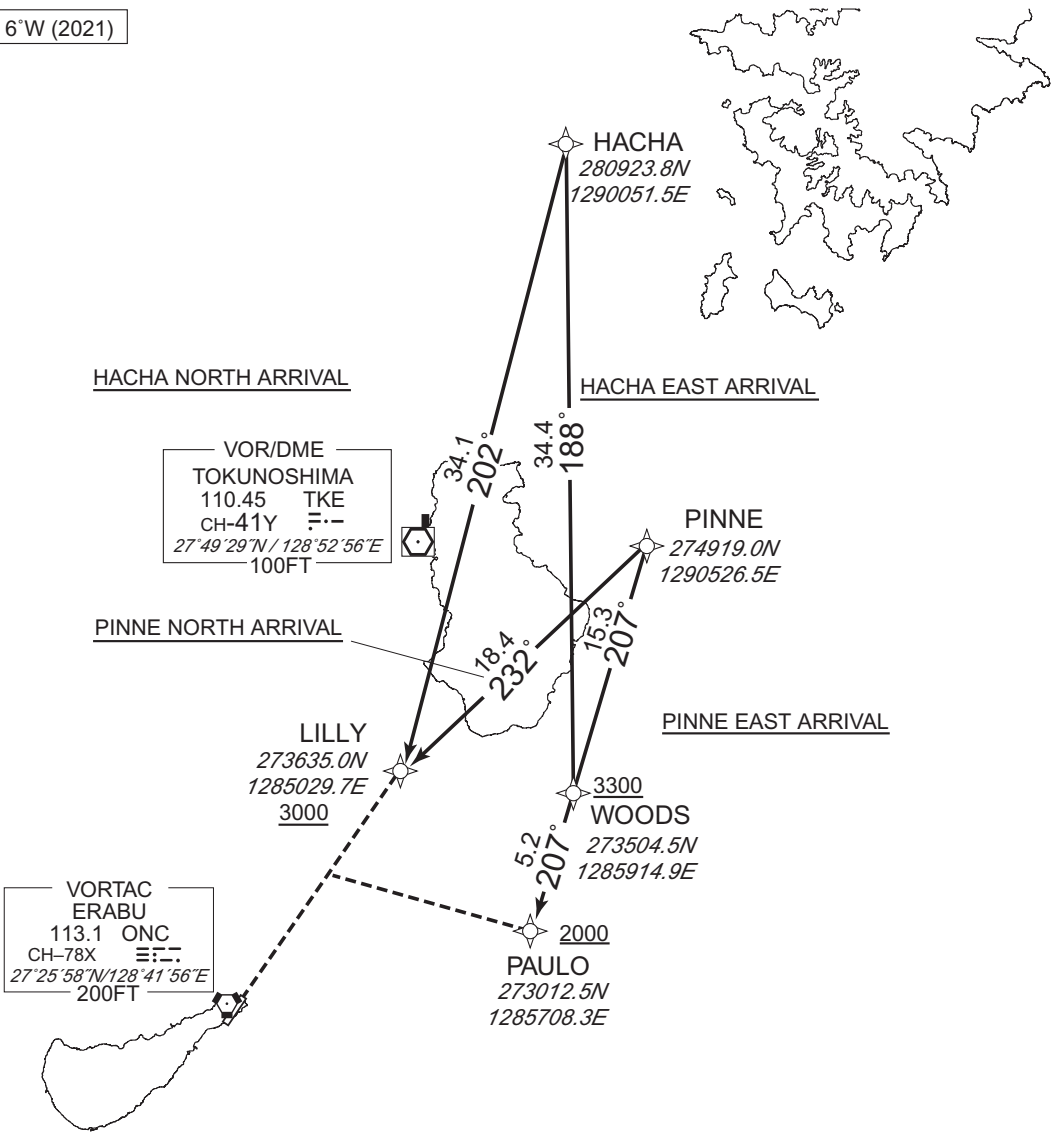
RNAV STAR RWY22

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

Basic RNP1

Note GNSS required.

VAR 6°W (2021)



CHANGE: Correction of misdescription(ELEV of TOKUNOSHIMA VOR/DME).

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	—	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

CHANGE: PROC course FM HACHA to LILLY.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR Z RWY04



CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR Y RWY04



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		
D	—	—	—	—

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

RJKB / OKIERABU

RNP RWY04



INSTRUMENT APPROACH CHART

RJKB / OKIERABU

VOR RWY22



INSTRUMENT APPROACH CHART





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



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Minimum Vectoring Altitude CHART

