

SID RORY / YORON

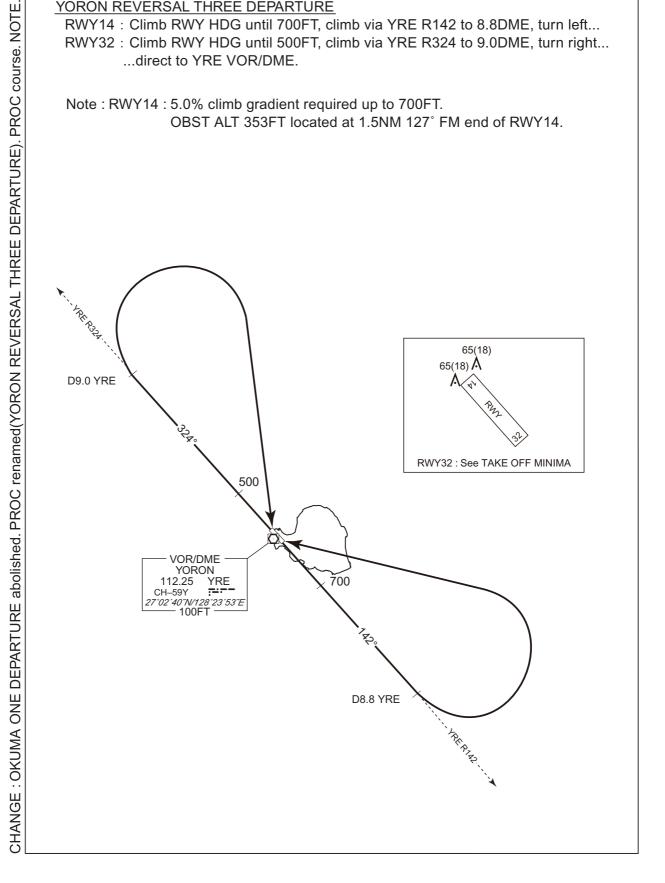
YORON REVERSAL THREE DEPARTURE

RWY14: Climb RWY HDG until 700FT, climb via YRE R142 to 8.8DME, turn left... RWY32 : Climb RWY HDG until 500FT, climb via YRE R324 to 9.0DME, turn right...

...direct to YRE VOR/DME.

Note: RWY14: 5.0% climb gradient required up to 700FT.

OBST ALT 353FT located at 1.5NM 127° FM end of RWY14.



RORY / YORON **RNAV SID ERABU ONE DEPARTURE** Basic RNP1 Note GNSS required. 128° 20'E 128° 40'E **VORTAC** VAR 6°W ERABU 113.1 ONC CH-78X **Ξ:**--27°25'58"N/128°41'56"E 200FT 4000 3000 ERABU(ONC) 2000-272558.4N 1284156.3E 1000 AD elev.47 Contour 10.0 Intervals 27° 20'N MARIX 271632.5N 1283806.6E /<u>\</u> (18) 65 500 /_•\ (18) 700 RWY32: See TAKE OFF MINIMA CHANGE: New PROC. RWY14: Climb on HDG144° at or above 700FT, turn left direct to MARIX, to ONC. RWY32 : Climb on HDG324° at or above 500FT, turn right direct to MARIX, to ONC. Note RWY14: 5.0% climb gradient required up to 700FT. OBST ALT 353FT located at 1.5NM 127° FM end of RWY14.

RORY / YORON RNAV SID

ERABU ONE DEPARTURE

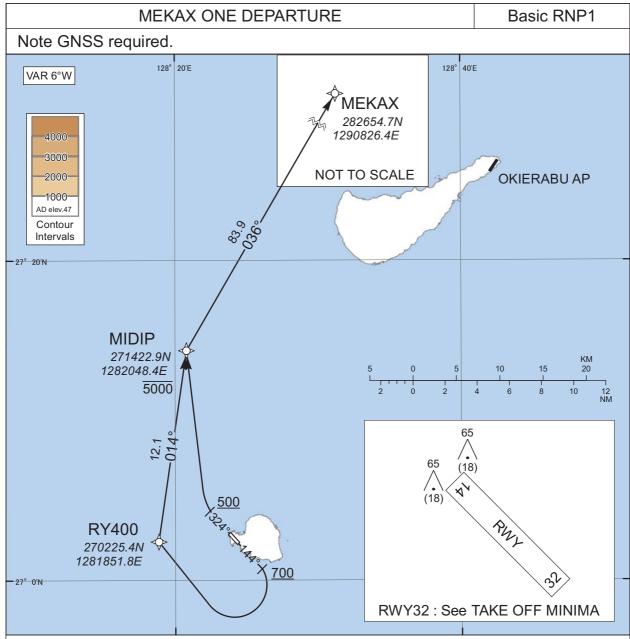
RWY14

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	-	ı	144 (138.2)	-6.0	-	-	+700	-	-	Basic RNP1
002	DF	MARIX	1	-	-6.0	-	L	-	-	-	Basic RNP1
003	TF	ONC	1	026 (019.8)	-6.0	10.0	-	-	-	-	Basic RNP1

RWY32

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	-	-	324 (318.2)	-6.0	-	ı	+500	1	-	Basic RNP1
002	DF	MARIX	-	-	-6.0	-	R	-	-	-	Basic RNP1
003	TF	ONC	-	026 (019.8)	-6.0	10.0	-	-	-	-	Basic RNP1

RORY / YORON RNAV SID



RWY14 : Climb on HDG144° at or above 700FT, turn right direct to RY400, to MIDIP at or below 5000FT, to MEKAX.

RWY32 : Climb on HDG324° at or above 500FT, turn right direct to MIDIP at or below 5000FT, to MEKAX.

Note RWY14 : 5.0% climb gradient required up to 700FT.

OBST ALT 353FT located at 1.5NM 127° FM end of RWY14.

RORY / YORON RNAV SID

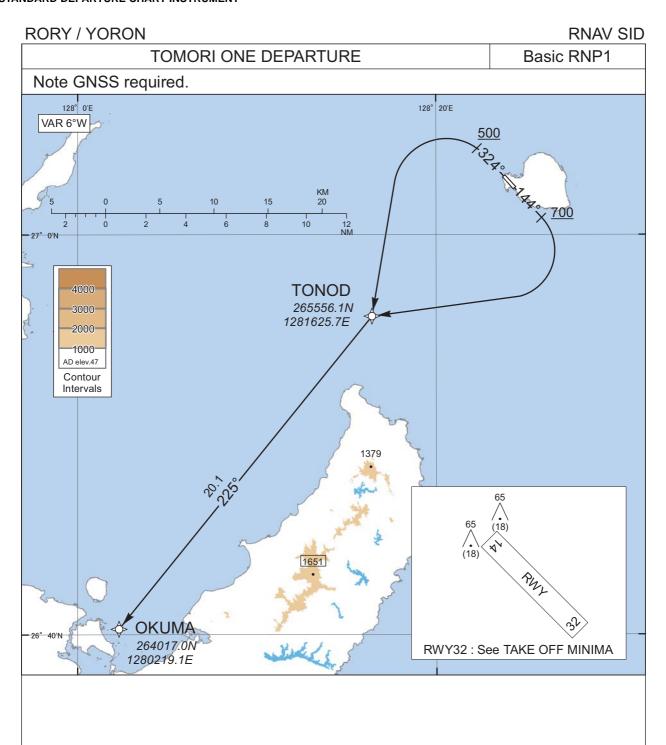
MEKAX ONE DEPARTURE

RWY14

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	-	-	144 (138.2)	-6.0	ı	-	+700	ı	ı	Basic RNP1
002	DF	RY400	1	ı	-6.0	1	R	ı	1	1	Basic RNP1
003	TF	MIDIP	ı	014 (008.2)	-6.0	12.1	ı	-5000	1	1	Basic RNP1
004	TF	MEKAX	-	036 (030.0)	-6.0	83.9	1	-	-	-	Basic RNP1

RWY32

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	1	-	324 (318.2)	-6.0	ı	ı	+500	1	ı	Basic RNP1
002	DF	MIDIP	-	-	-6.0	1	R	-5000	-	-	Basic RNP1
003	TF	MEKAX	-	036 (030.0)	-6.0	83.9	-	-	-	-	Basic RNP1



RWY14 : Climb on HDG144° at or above 700FT, turn right direct to TONOD, to OKUMA. RWY32 : Climb on HDG324° at or above 500FT, turn left direct to TONOD, to OKUMA.

Note RWY14: 5.0% climb gradient required up to 700FT.

OBST ALT 353FT located at 1.5NM 127° FM end of RWY14.

RORY / YORON RNAV SID

TOMORI ONE DEPARTURE

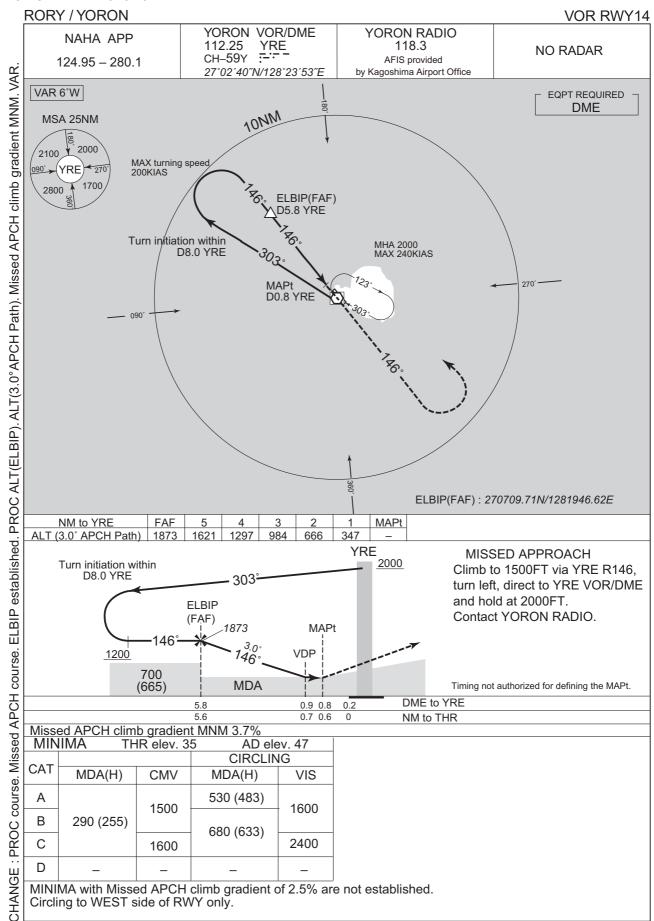
RWY14

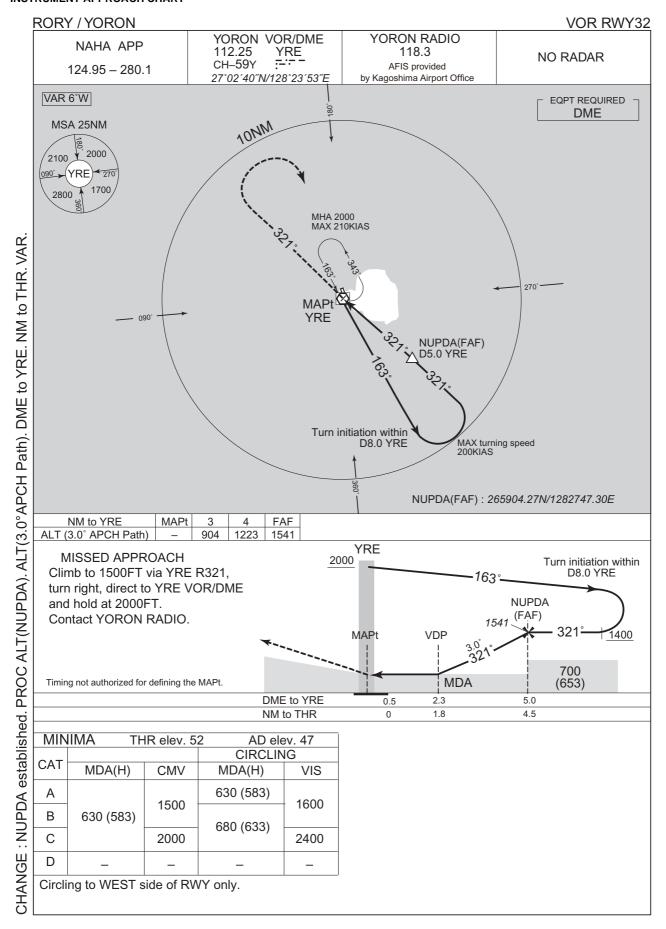
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	144 (138.2)	-6.0	-	ı	+700	-	-	Basic RNP1
002	DF	TONOD	-	1	-6.0	-	R	ı	ı	-	Basic RNP1
003	TF	OKUMA	-	225 (218.9)	-6.0	20.1	-	-	-	-	Basic RNP1

RWY32

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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	1	-	324 (318.2)	-6.0	-	1	+500	ı	-	Basic RNP1
002	DF	TONOD	-	-	-6.0	-	L	-	-	-	Basic RNP1
003	TF	OKUMA	-	225 (218.9)	-6.0	20.1	-	-	-	-	Basic RNP1

CHANGE: New PROC.





INSTRUMENT APPROACH CHART RORY / YORON **RNP RWY14 RNP APCH** YORON RADIO **NAHAAPP** WAR. MSAS CH89546 118.3 **NO RADAR** 124.95 - 280.1AFIS provided by Kagoshima Airport Office M14A Baro-VNAV not authorized below 5°C 128° 20'E **RNAV HLDG** 128° 30'E RNP. Missed APCH PROC for using VOR/DME abolished. lished. CASTR, NICHE, RY451, RY452 abolished. NM to TH VAR 6°W MHA 3000 MAX 210KIAS MSA 25NM 9 10 2800 **ASATO** \oplus 180 10NM NOT TO SCALE OVNON 7.9 ARP: 270238N / 1282406E 276° (270.2°T) ASATO(IAF) VEMBU(IF) MAX 210KIAS ORON(YRE) 270239.75N MAX 165KIAS (IAF/MAHF) 1282352.89E 271054.18N **ASATO UPNAX** 1283014.69E (IAF) 1300 **GUMRI** RNAV HLDG 270721.89N **UPNAX** (011.2°T) NOT TO SCALE (FAF) 1282455.61E 724° 1MIN established. OVNON 271055.78N 144°(138.2°T)/3.0 1282120.57E RY453(MAPt) (ed. MINIMA. Requirement for GUMRI,RY453,RY454 establ YORON MHA 3000 270826.71N VFMBU (YRE) MAX 210KIAS 3000 (IF) 1281815.42E YORON(YRE) Using NAVAID NOT TO SCALE (IAF/MAHF) **GUMRI** 270529.18N 1500 MAX 210KIAS 1282114.00E (FAF) 1000 **RY454** RY453 270314.92N 500 (MATF) ^{:3}03∘ AD elev.47 (MAPt) 1282328.90E VOR/DMF Contour MHA 3000 MAX 210KIAS Intervals 112.25 YRE CH-59Y **:---**27°02'40"N/128°23'53"E RY454 270033.96N course. Missed APCH course. LPV established. 1282610.48E MAPt (MATF) DG PROC. OVNON.VEMBU.UPNAX. VDP VEMBU 0.2NM to MAPt (IF) **GUMRI** MISSED APPROACH (FAF) RY453 Direct to RY454, turn left direct to 1200 1200 (MAPt) YRE and hold at 3000FT. _____ **VDP** Contact YORON RADIO. 3,00° (LNAV) 700 **MDA** (665)RDH 50 3.5 0.5 7.5 0 NM to THR Missed APCH climb gradient MNM 5.0% 로 MINIMA THR elev. 35 AD elev. 47 ALT. LPV LNAV/VNAV LNAV CIRCLING CAT PROC (DA(H) CMV DA(H) CMV MDA(H) CMV MDA(H) VIS PROC Α 530(483) 1500 1500 1500 1600 В 285(250) 300(265) 300(265) 680(633)

1600

1600

2400

Circling to WEST side of RWY only

1600

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE:

С

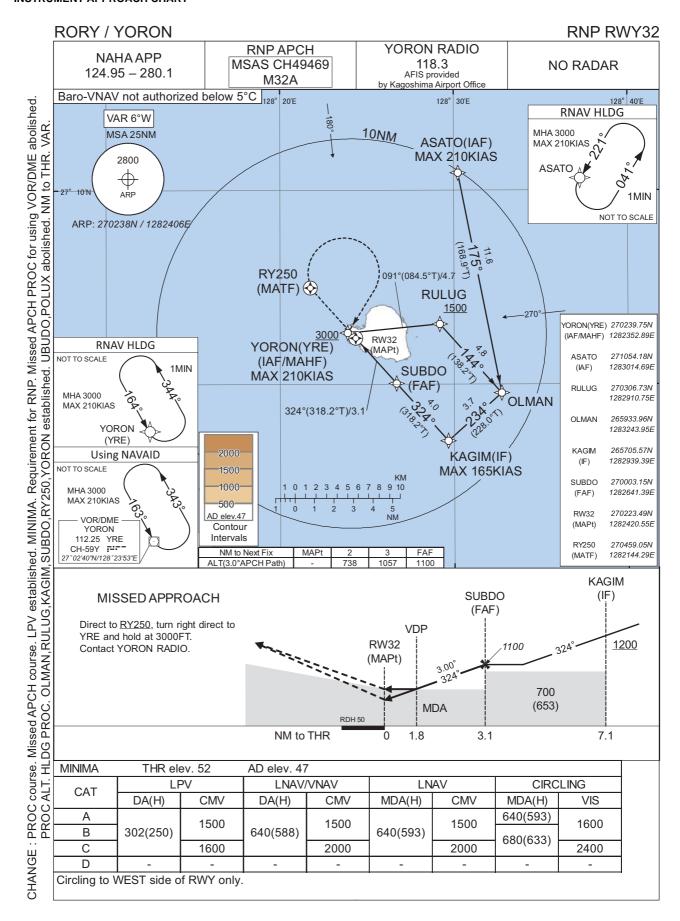
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RORY / YORON RNP RWY14

FAS DATA BLOCK			
Operation type	0	LTP/FTP ellipsoidal height	+00421
SBAS service provider identifier	2	FPAP latitude	270211.4935N
Airport identifier	RORY	FPAP longitude	1282432.5860E
Runway	14	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	M14A	✓ length offset	0496
LTP/FTP latitude	270252.4555N	HAL	40.0
LTP/FTP longitude	1282351.4800E	VAL	50.0
CRC remainder	B6A26D6F		

Required additional data

LTP/FTP orthometric height	10.7

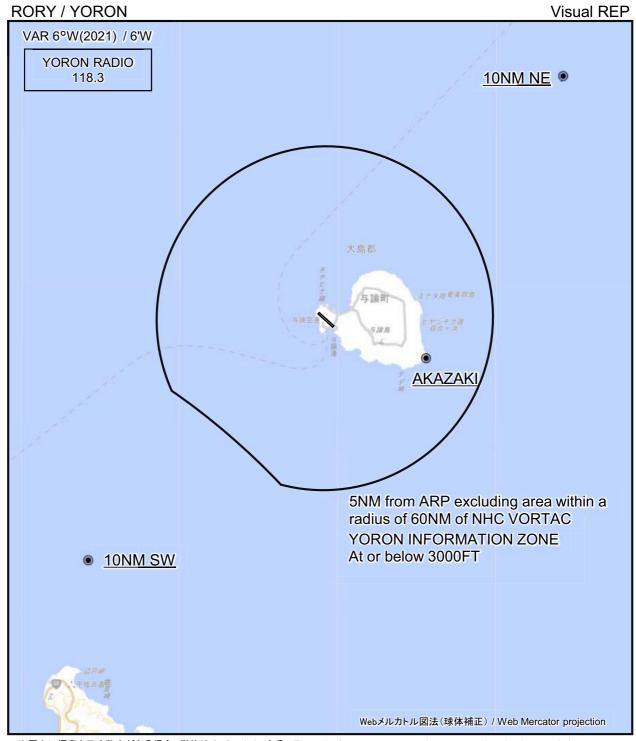


RORY / YORON RNP RWY32

FAS DATA BLOCK			
Operation type	0	LTP/FTP ellipsoidal height	+00472
SBAS service provider identifier	2	FPAP latitude	270304.4175N
Airport identifier	RORY	FPAP longitude	1282339.4735E
Runway	32	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	M32A	∠ length offset	0496
LTP/FTP latitude	270223.4560N	HAL	40.0
LTP/FTP longitude	1282420.5825E	VAL	50.0
CRC remainder	977D3979		

Required additional data

LTD/ETD (L. L. L. L.	45.0
LTP/FTP orthometric height	15.8



※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).

	Call sign	BRG / DIST from ARP	Remarks		
VAR.	10NM NE	045°T / 10.0NM	海上 Over the sea		
IGE:	赤崎 Akazaki	111°T / 3.2NM	灯台 Lighthouse		
CHAN	10NM SW	225°T / 10.0NM	海上 Over the sea		

