AD 2 AERODROMES

RORY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RORY - YORON

RORY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*270238N/1282406E* 034° / 600m FM RWY 14 THR
2	Direction and distance from (city)	1.58km WSW from central Yoron-town
3	Elevation/ Reference temperature	47ft / 32°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	
5	MAG VAR/ Annual change	6°W(2021) / 6'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA Pref. Public AP. 517, Tachinaga, Yoron-cho, Oshima-gun, Kagoshima Pref. 891-9302, JAPAN TEL: 0997-97-3465 FAX: 0997-97-3545,0997-97-3465
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

RORY 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	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	2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR)
10	Security	2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR)
11	De-icing	Nil
12	Remarks	Nil

RORY AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Not Available
2	Fuel/ oil types	JET-A1
3	Fuelling facilities/ capacity	By fuel truck 4000L/h
4	De-icing facilities	Not Available
5	Hangar space for visiting aircraft	Not Available
6	Repair facilities for visiting aircraft	Not Available
7	Remarks	Nil

RORY AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city
2	Restaurants	Available, Not continuous
3	Transportation	Buses,Taxies
4	Medical facilities	Hospitals in the city
5	Bank and Post Office	Bank and Post Office in the city
6	Tourist Office	Not Available
7	Remarks	Nil

RORY 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

RORY AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RORY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Asphalt-concrete Strength : PCN 18/F/D/Y/T
2	Taxiway width, surface and strength	Width : 18m Surface : Asphalt-concrete Strength : PCN 18/F/D/Y/T
3	ACL and elevation	Nil
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RORY 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:(RWY14/32) (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe TWY: (Marking) TWY CL, TWY side stripe, RWY HLDG PSN
3	Stop bars	Nil
4	Remarks	Nil

RORY AD 2.10 AERODROME OBSTACLES

In Area2 Nil

In Area3 To be developed

RORY 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 issuanc	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

RORY 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
14	138.03°	1200×30	PCN 18/F/D/Y/T		THR ELEV : 35.4FT
32	318.03°	1200×30	Asphalt-concrete		THR ELEV : 52.2FT

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24. AD chart	1320×120 1320×120	50x120 50x120	RWY Grooving:1200m×20m

RORY AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14	1200	1200	1200	1200	Nil
32	1200	1200	1200	1200	Nil

RORY 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
14	Nil	Nil	PAPI 3.0°/LEFT 237M 45FT	Nil	Nil	Nil	Nil	Nil
32	Nil	Nil	PAPI 3.0°/LEFT 286M 45FT	Nil	Nil	Nil	Nil	Nil
Remarks								
10								
RWY THR ID LGT for RWY 14/32 THR(Color : White)								

RORY 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 : RWY center, lighted
3	TWY edge and center line lighting	Nil
4	Secondary power supply / switch-over time	All LGT / Within 15 sec
5	Remarks	WDI LGT

RORY AD 2.16 HELICOPTER LANDING AREA

Nil

RORY 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
Yoron Information Zone	Area within a radius of 5nm(9km) of Yoron ARP excluding area within a radius of 60nm of NHC VORTAC	3,000 or below	E	Yoron Radio En	

RORY AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Yoron Radio	118.3MHz	2330 - 0930 (1 APR - 30 SEP) 2330 - 0830 (1 OCT - 31 MAR)	Operated by Kagoshima Airport Office.

RORY 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 / 2008)	YRE	112.25MHz	2330 - 0930(1) 2330 - 0830(2)	*270239.75N/* *1282352.89E*		(1)(1 APR - 30 SEP) (2)(1 OCT - 31 MAR)
DME	YRE	1146MHz (CH-59Y)	2330 - 0930(1) 2330 - 0830(2)	*270239.75N/* *1282352.89E*	74ft	
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based

RORY 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

RORY AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RORY 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	14	A,B,C	-	-	-	400	-	500
	32							
OTHER	14	A,B,C	AVBL LDG MINIMA					
	32							

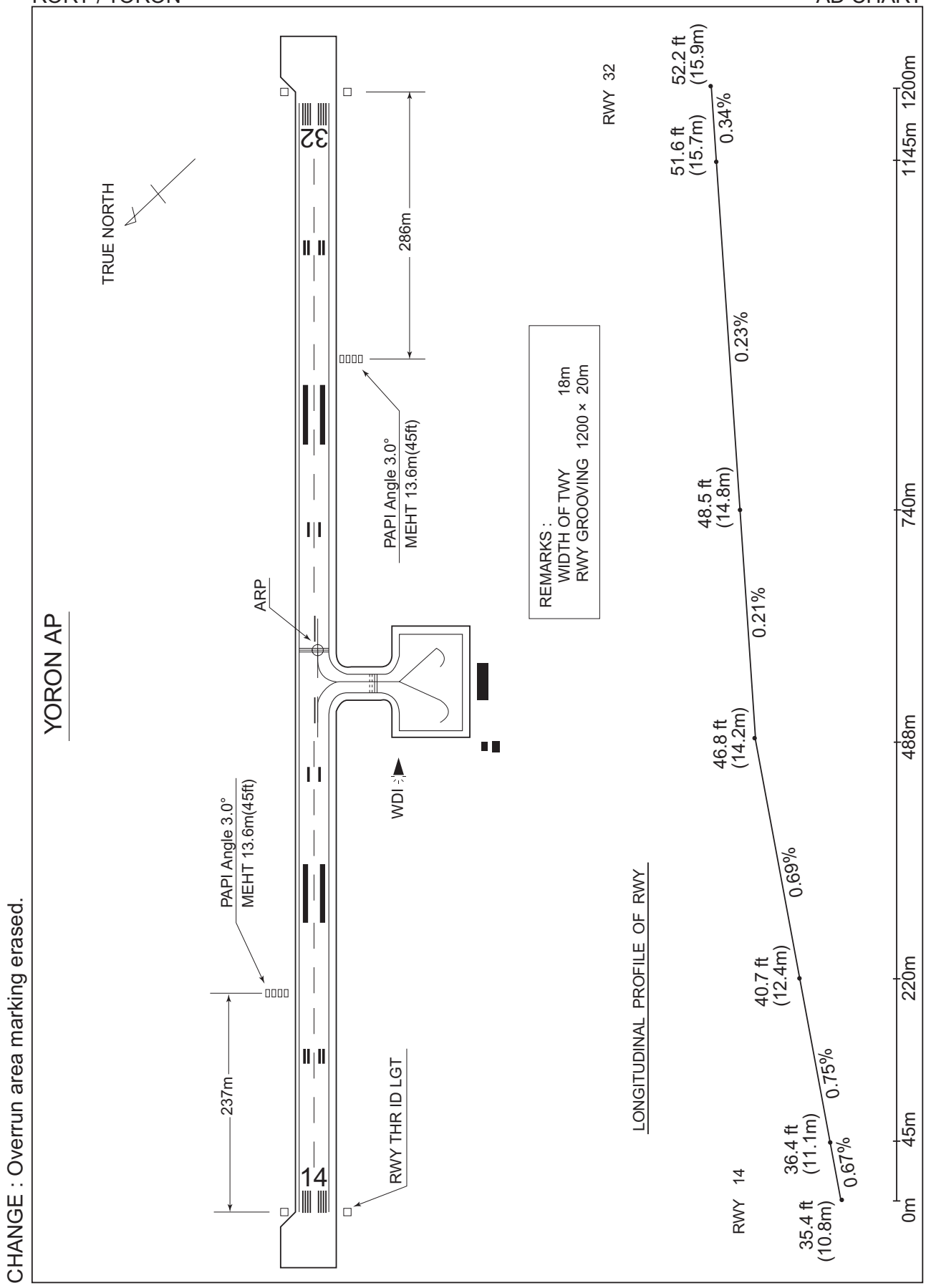
RORY AD 2.23 ADDITIONAL INFORMATION

Nil

RORY AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument
Standard Arrival Chart - Instrument
Instrument Approach Chart (VOR RWY14)
Instrument Approach Chart (VOR RWY32)
Instrument Approach Chart (VOR A)
Instrument Approach Chart (RNAV(GNSS) RWY14)
Instrument Approach Chart (RNAV(GNSS) RWY32)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

RORY / YORON AD CHART



CHANGE : Overrun area marking erased.

STANDARD DEPARTURE CHART-INSTRUMENT

CHANGE : PROC renamed(HANZA FOUR DEPARTURE). PROC course(HANZA FOUR DEPARTURE, TOKUNOSHIMA TRANSITION, MEKAX TRANSITION).

RORY / YORON SID and TRANSITION

MARIX TWO DEPARTURE

RWY14 : Climb RWY HDG until 800FT, turn left to intercept and proceed via ONC R205 to MARIX.

RWY32 : Climb RWY HDG until 500FT, turn right HDG092˚ to intercept and proceed via YRE R047 to MARIX.

Note : RWY14 : 4.4% climb gradient required up to 500FT.
OBST ALT 361FT located at 1.44NM 125˚ FM end of RWY14.

HANZA FOUR DEPARTURE

RWY14 : Climb RWY HDG until 700FT, turn right,...

RWY32 : Climb RWY HDG until 500FT, turn right,...
...via YRE R350, turn right to intercept and proceed via TKE R231 to HANZA. Cross YRE R350/12.0DME at or below 5000FT, cross HANZA at assigned altitude.

Note : RWY14 : 4.4% climb gradient required up to 500FT.
OBST ALT 361FT located at 1.44NM 125˚ FM end of RWY14.

ERABU TRANSITION

From over MARIX, proceed via ONC R205 to ONC VORTAC.

TOKUNOSHIMA TRANSITION

From over HANZA, proceed via TKE R231 to TKE VOR/DME.

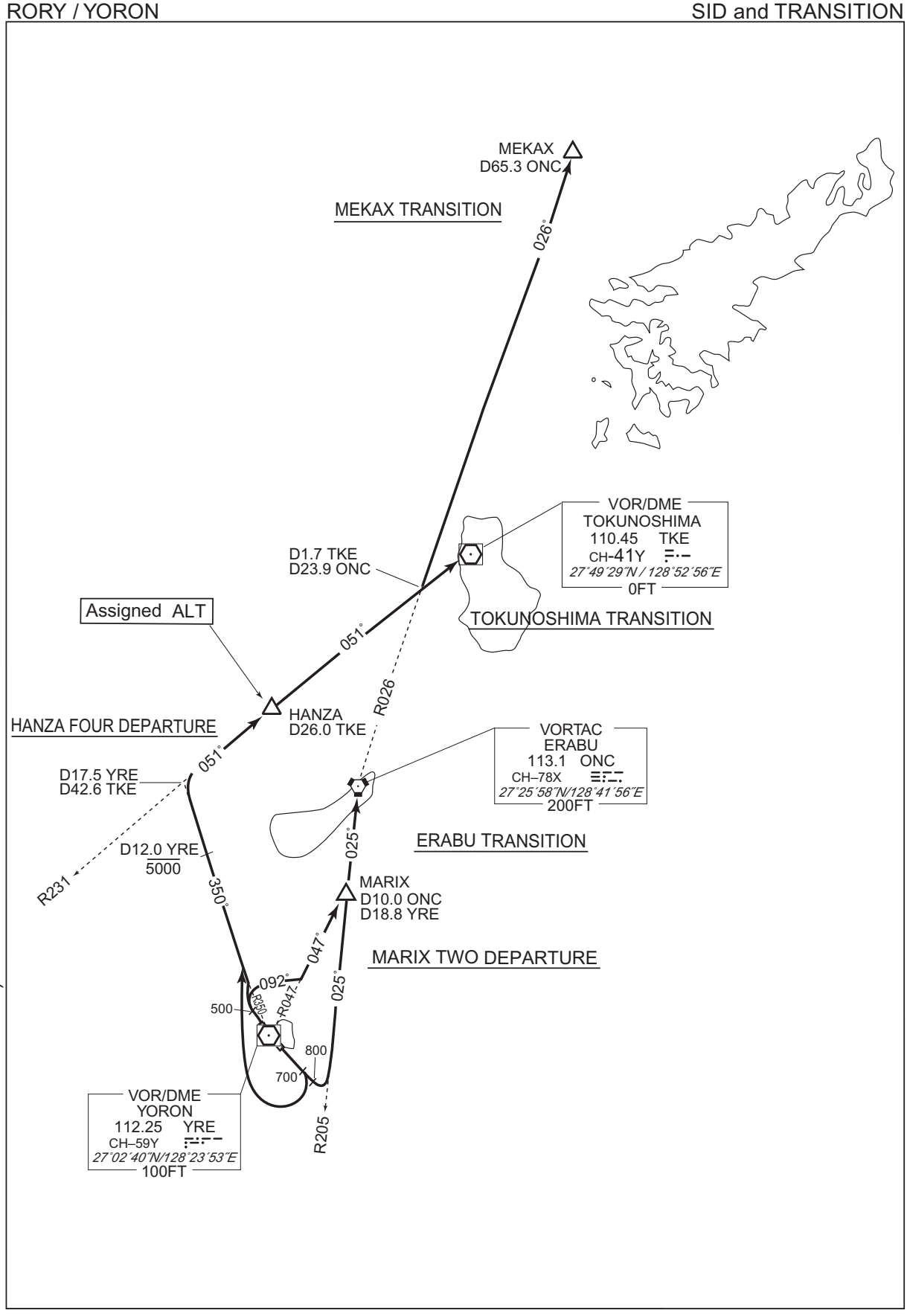
MEKAX TRANSITION

From over HANZA, proceed via TKE R231 to intercept and proceed via ONC R026 to MEKAX.

STANDARD DEPARTURE CHART-INSTRUMENT

CHANGE : PROC renamed(HANZA FOUR DEPARTURE). PROC course(HANZA FOUR DEPARTURE, TOKUNOSHIMA TRANSITION, MEKAX TRANSITION).

RORY / YORON — SID and TRANSITION



STANDARD DEPARTURE CHART-INSTRUMENT

RORY / YORON SID

OKUMA ONE DEPARTURE

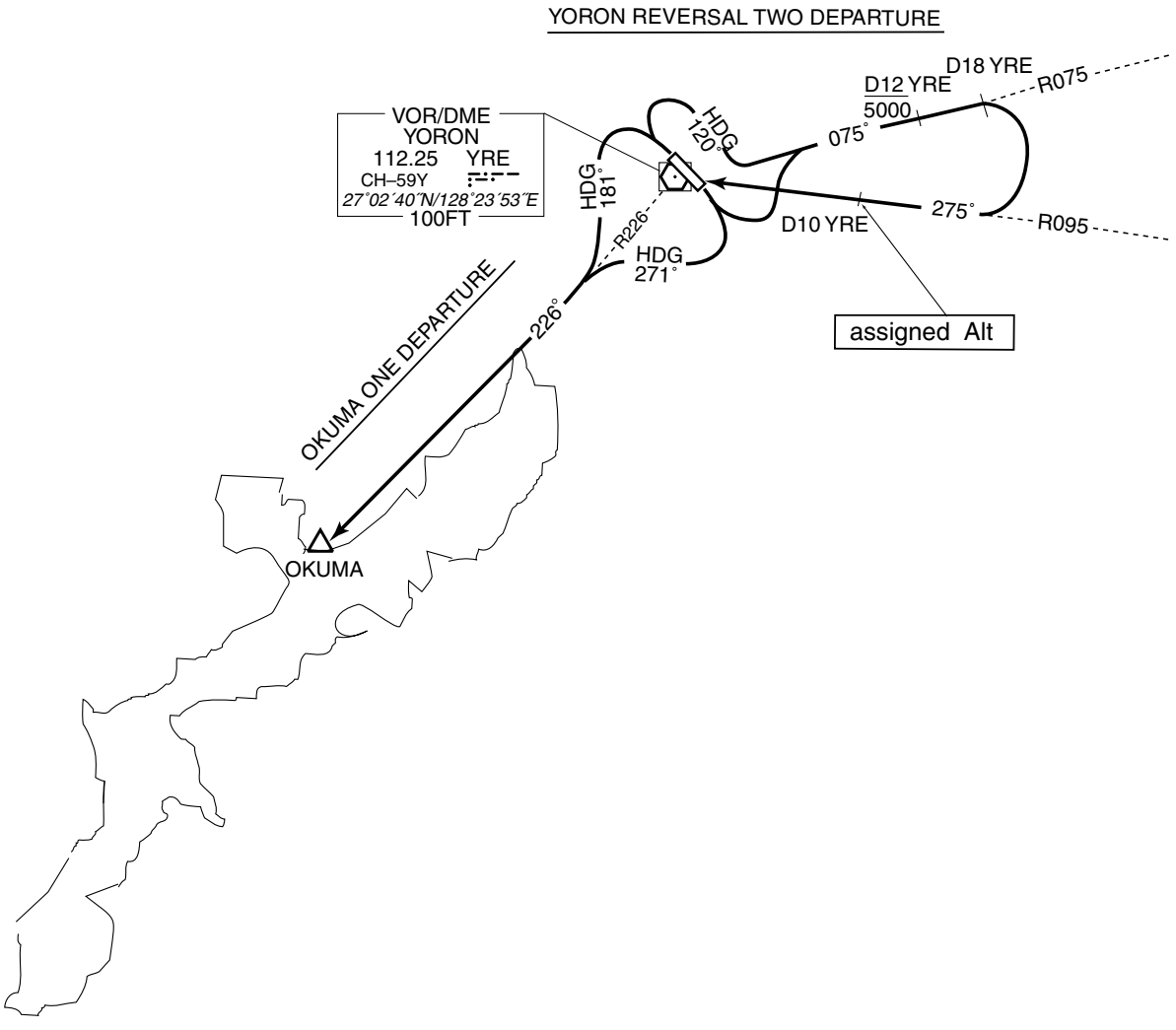
RWY14：Climb RWY HDG until 700FT, turn right HDG 271˚,...
RWY32：Climb RWY HDG until 500FT, turn left HDG 181˚,...
...to intercept and proceed via YRE R226 to OKUMA.

Note : RWY14 : 4.4% climb gradient required up to 500FT.
OBST ALT 361FT located at 1.44NM 125˚ FM end of RWY14.

YORON REVERSAL TWO DEPARTURE

RWY14：Climb RWY HDG until 800FT, turn left...
RWY32：Climb RWY HDG until 500FT, turn right HDG 120˚...
...Climb via YRE R075 to YRE 18DME, turn right to intercept and proceed via YRE R095 to YRE VOR/DME. Cross YRE R075/12DME at or below 5000FT,cross YRE R095/10DME at assigned altitude.

Note : RWY14 : 4.4% climb gradient required up to 500FT.
OBST ALT 361FT located at 1.44NM 125˚ FM end of RWY14.



STANDARD ARRIVAL CHART-INSTRUMENT

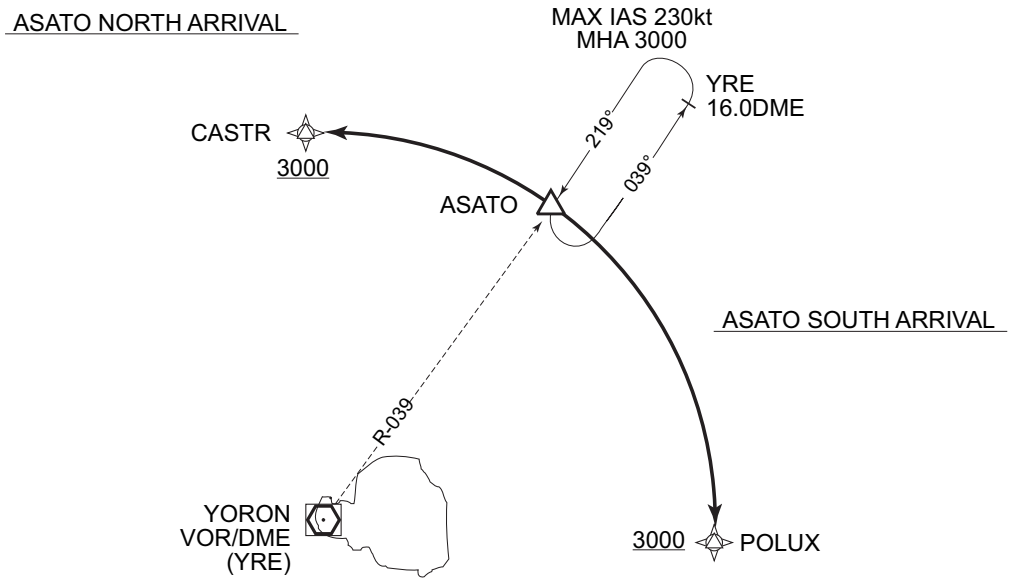
RORY / YORON STAR

ASATO NORTH ARRIVAL

From over ASATO, via YRE 10DME counterclockwise ARC to CASTR.
Cross CASTR at or above 3,000ft.

ASATO SOUTH ARRIVAL

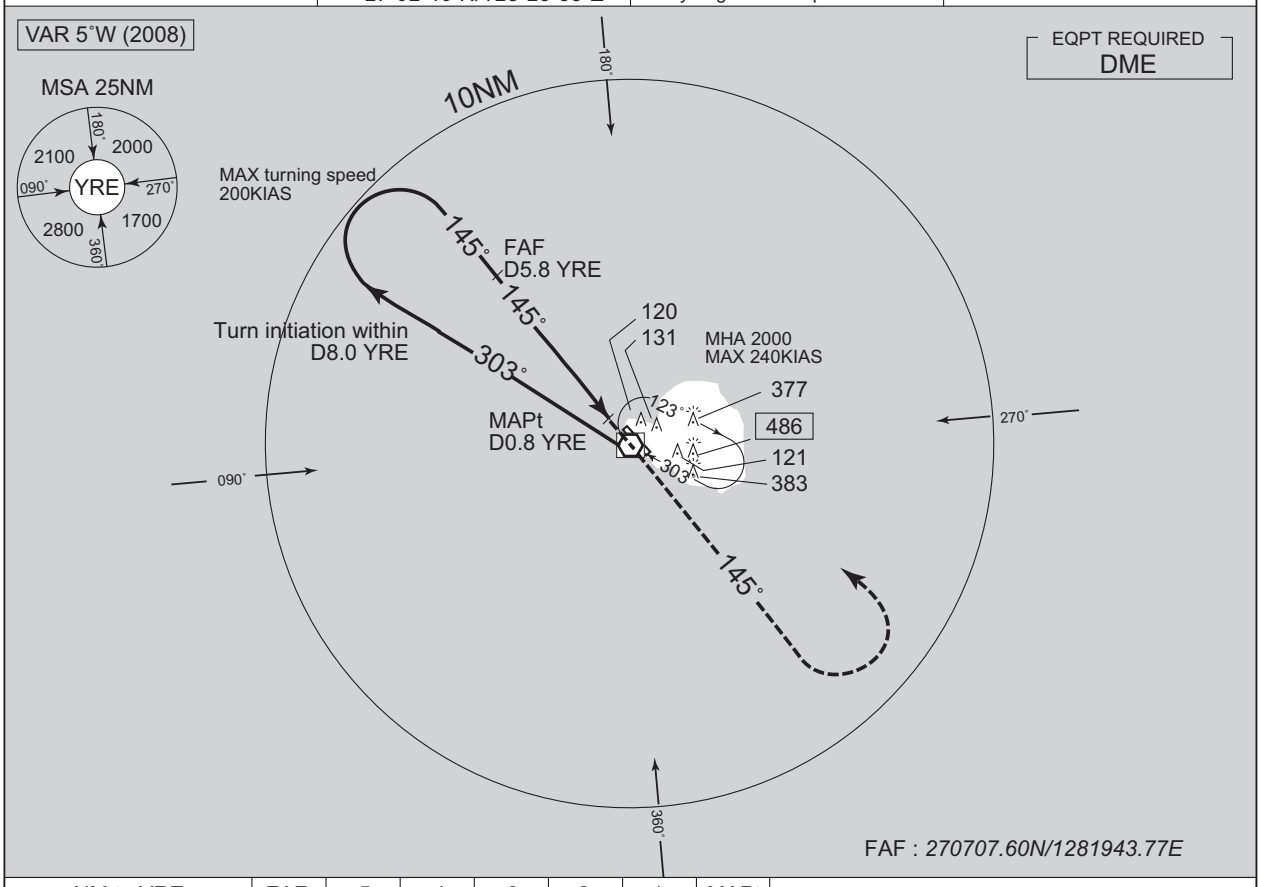
From over ASATO, via YRE 10DME clockwise ARC to POLUX.
Cross POLUX at or above 3,000ft.



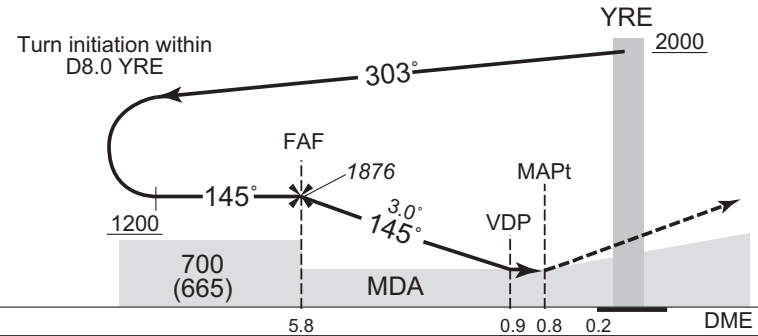
INSTRUMENT APPROACH CHART

RORY / YORON — VOR RWY14

NAHA APP	YORON VOR/DME	YORON RADIO	NO RADAR
124.95 – 280.1	112.25 YRE CH–59Y *27˚02´40˝N/128˚23´53˝E*	118.3 AFIS provided by Kagoshima Airport Office	



NM to YRE	FAF	5	4	3	2	1	MAPt
ALT (3.0˚ APCH Path)	1876	1621	1302	984	666	384	–



MISSED APPROACH
Climb to 1500FT via YRE R145, turn left, direct to YRE VOR/DME and hold at 2000FT.
Contact YORON RADIO.

Timing not authorized for defining the MAPt.

5.8		0.9	0.8	0.2	DME to YRE
5.6		0.7	0.6	0	NM to THR

Missed APCH climb gradient MNM 3.5%

MINIMA THR elev. 35 AD elev. 47

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	290 (255)	1500	530 (483)	1600
B			680 (633)	
C		1600		2400
D	–	–	–	–

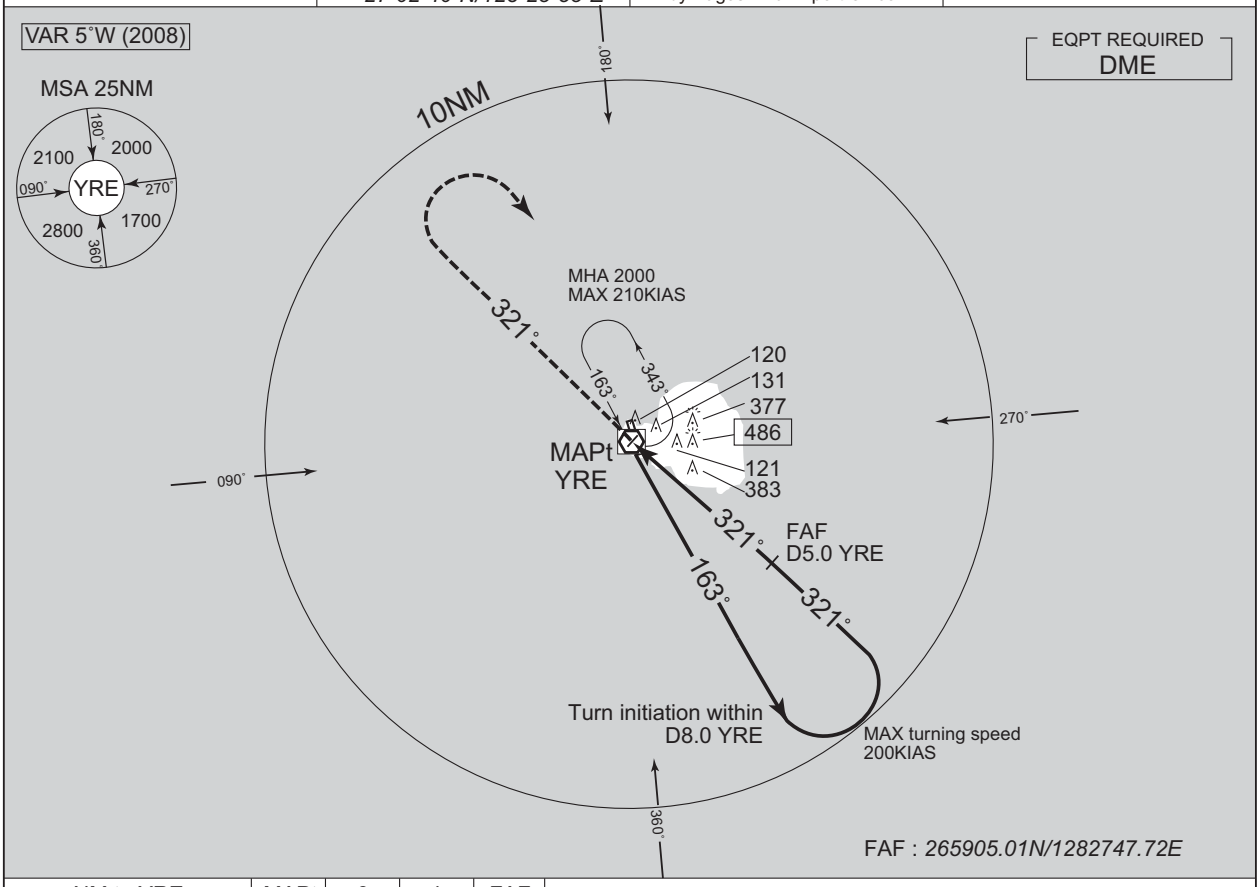
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RORY / YORON — VOR RWY32

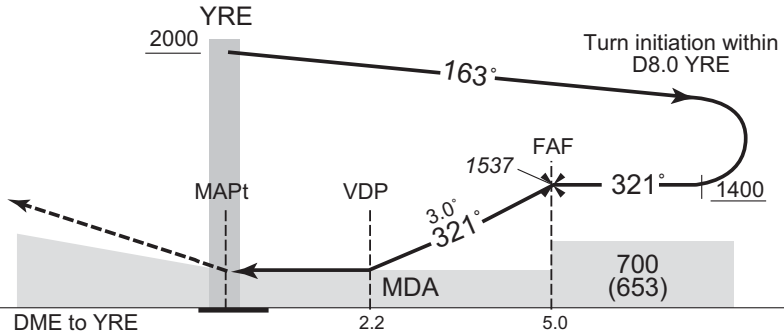
NAHA APP	YORON VOR/DME	YORON RADIO	NO RADAR
124.95 – 280.1	112.25 YRE CH–59Y *27˚02´40˝N/128˚23´53˝E*	118.3 AFIS provided by Kagoshima Airport Office	



NM to YRE	MAPt	3	4	FAF
ALT (3.0˚ APCH Path)	–	904	1219	1537

MISSED APPROACH
Climb to 1500FT via YRE R321,
turn right, direct to YRE VOR/DME
and hold at 2000FT.
Contact YORON RADIO.

Timing not authorized for defining the MAPt.



DME to YRE		2.2	5.0
NM to THR	0	1.7	4.5

MINIMA THR elev. 52 AD elev. 47

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	630 (583)	1500	630 (583)	1600
B			680 (633)	
C		2000		2400
D	–	–	–	–

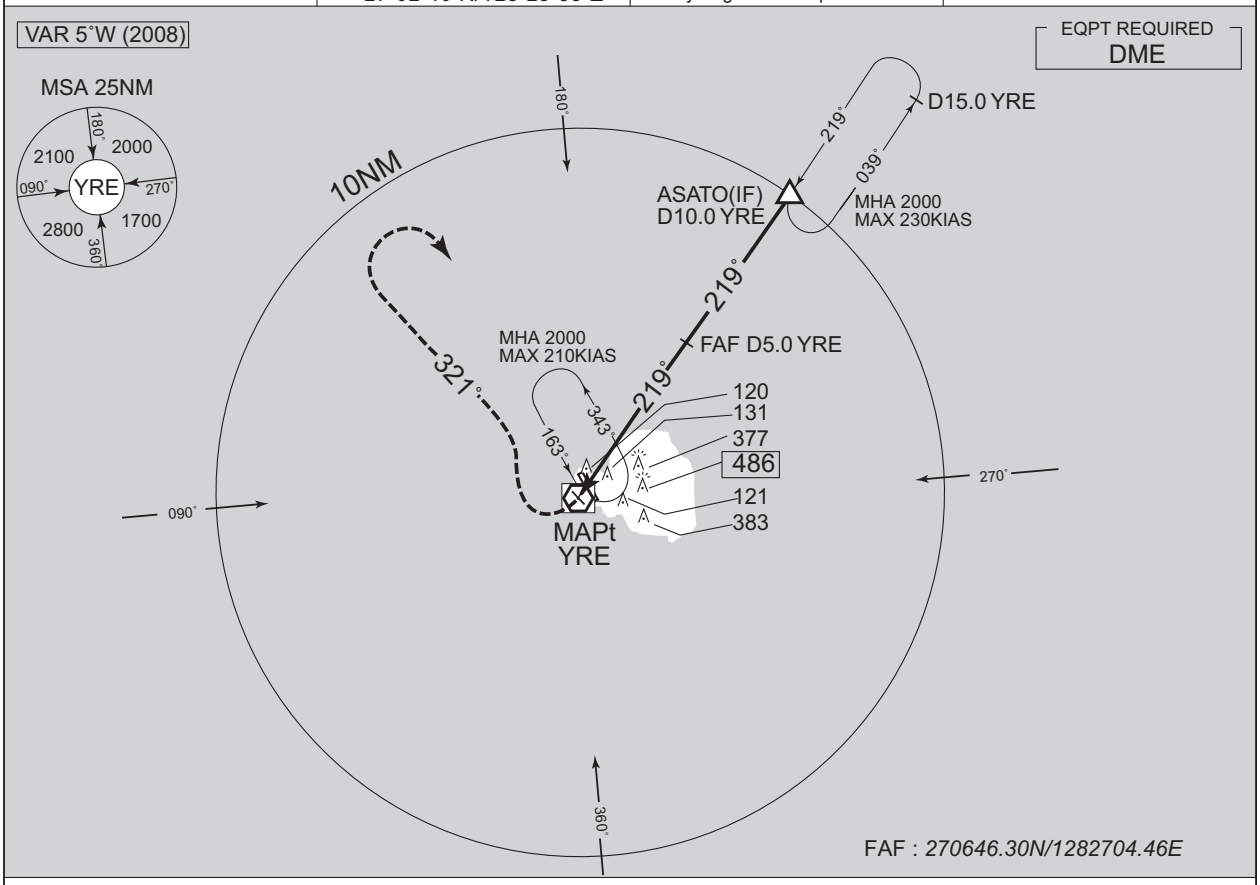
Circling to WEST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

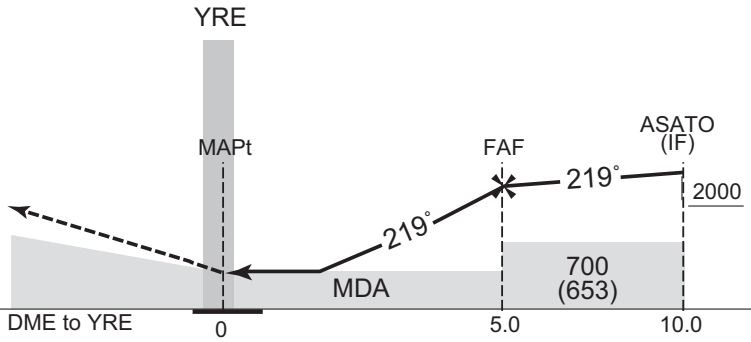
RORY / YORON — VOR A

NAHA APP	YORON VOR/DME 112.25 YRE CH–59Y *27°02′40″N/128°23′53″E*	YORON RADIO 118.3 AFIS provided by Kagoshima Airport Office	NO RADAR
124.95 – 280.1			



MISSED APPROACH
Turn right, climb to 1500FT,
via YRE R321, turn right, direct to
YRE VOR/DME and hold at 2000FT.
Contact YORON RADIO.

Timing not authorized for defining the MAPt.



MINIMA — AD elev. 47

CAT	CIRCLING	
	MDA(H)	VIS
A	530 (483)	1600
B	680 (633)	
C		2400
D	–	–

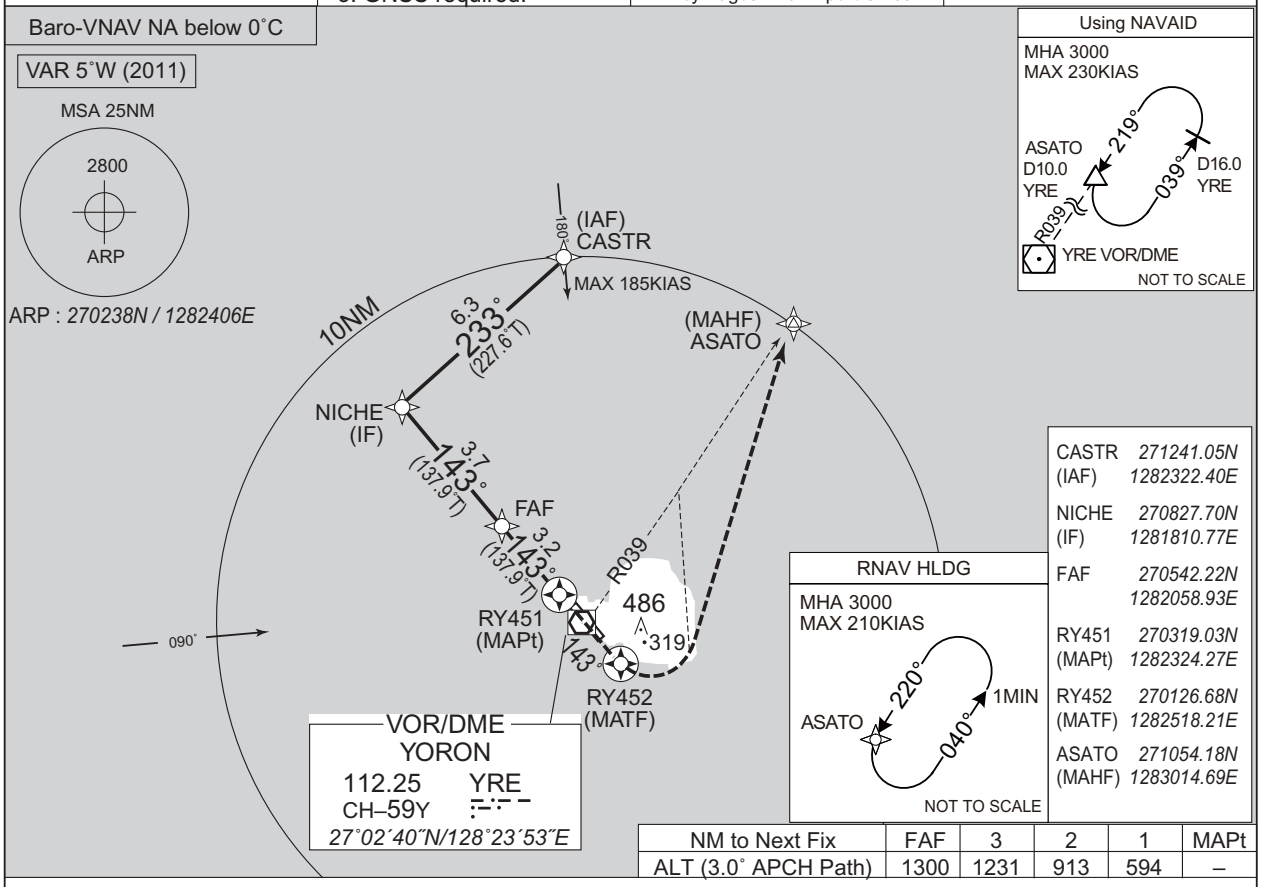
Circling to WEST side of RWY only.

CHANGE : ATC call sign and FREQ.

INSTRUMENT APPROACH CHART

RORY / YORON RNAV(GNSS) RWY14

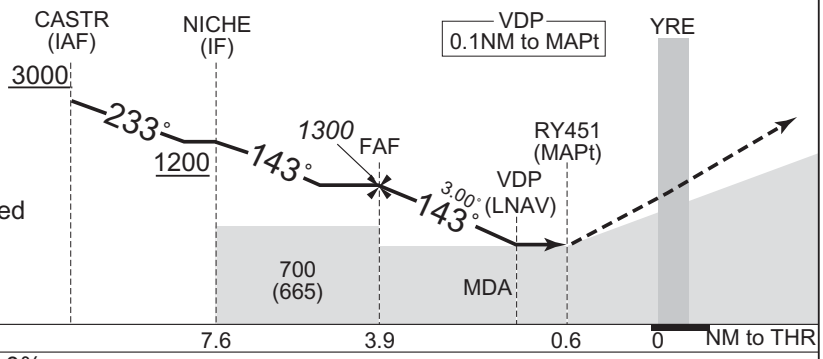
NAHA APP	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required 3. GNSS required.	YORON RADIO 118.3 AFIS provided by Kagoshima Airport Office	NO RADAR
124.95 – 280.1			



NM to Next Fix	FAF	3	2	1	MAPt
ALT (3.0˚ APCH Path)	1300	1231	913	594	–

MISSED APPROACH
Climb to RY452 turn left direct to ASATO and hold at 3000FT.
Contact YORON RADIO.

(For using VOR/DME)
Climb on HDG 143˚ to 700FT, turn left HDG 354˚ to intercept and proceed via YRE R039 to ASATO and hold at 3000FT.
Contact YORON RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 35 AD elev. 47

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	322 (287)	1500	290 (255)	1500	530 (483)	1600
B					680 (633)	
C		1600		1600		2400
D	–	–	–	–	–	–

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : RNAV HLDG established(ASATO). Description of VDP.

INSTRUMENT APPROACH CHART

RORY / YORON — RNAV(GNSS) RWY32

NAHA APP	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required 3. GNSS required.	YORON RADIO 118.3 AFIS provided by Kagoshima Airport Office	NO RADAR
124.95 – 280.1			

Baro-VNAV NA below 0˚C

VAR 5˚W (2011)

MSA 25NM

ARP : *270238N / 1282406E*

VOR/DME
YORON
112.25 YRE
CH–59Y
27˚02´40˝N/128˚23´53˝E

POLUX (IAF)	*270134.90N 1283501.16E*
UBUDO (IF)	*265711.48N 1282936.68E*
FAF	*270009.81N 1282636.12E*
RW32 (MAPt)	*270223.51N 1282420.59E*
ASATO (MAHF)	*271054.18N 1283014.69E*

Using NAVAID

MHA 3000
MAX 230KIAS

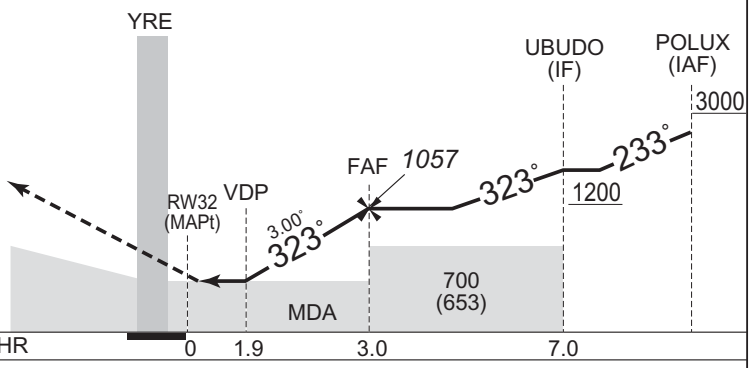
RNAV HLDG

MHA 3000
MAX 210KIAS

NM to Next Fix	MAPt	2	FAF
ALT (3.0˚ APCH Path)	–	739	1057

MISSED APPROACH
Turn right direct to ASATO and hold at 3000FT.
Contact YORON RADIO.

(For using VOR/DME)
Turn right, climb via YRE R039 to ASATO and hold at 3000FT.
Contact YORON RADIO.



MINIMA THR elev. 52 AD elev. 47

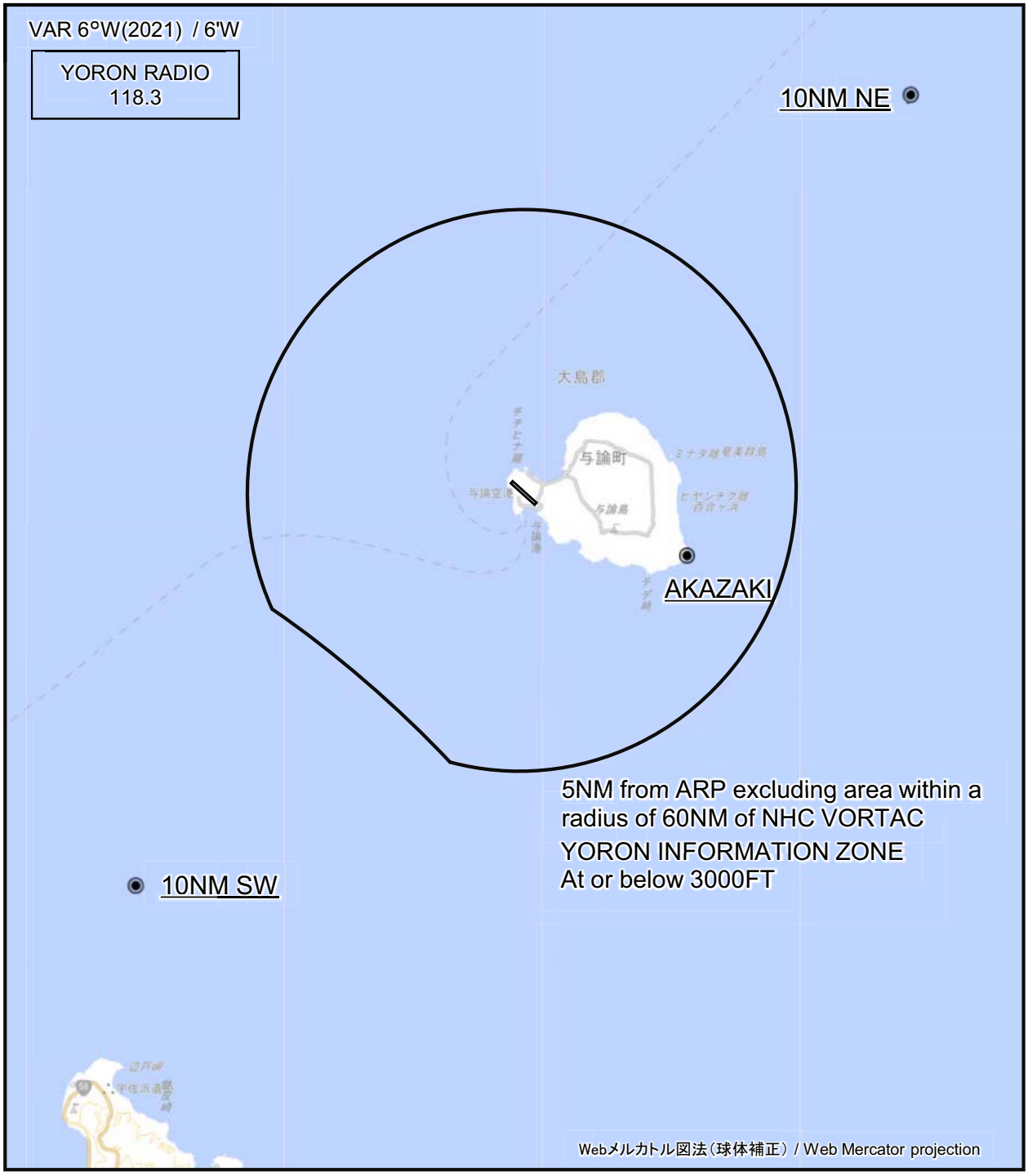
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	670 (618)	1500	670 (623)	1500	670 (623)	1600
B					680 (633)	
C		2000		2000		2400
D	–	–	–	–	–	–

Circling to WEST side of RWY only.

CHANGE : RNAV HLDG established(ASATO).

RORY / YORON

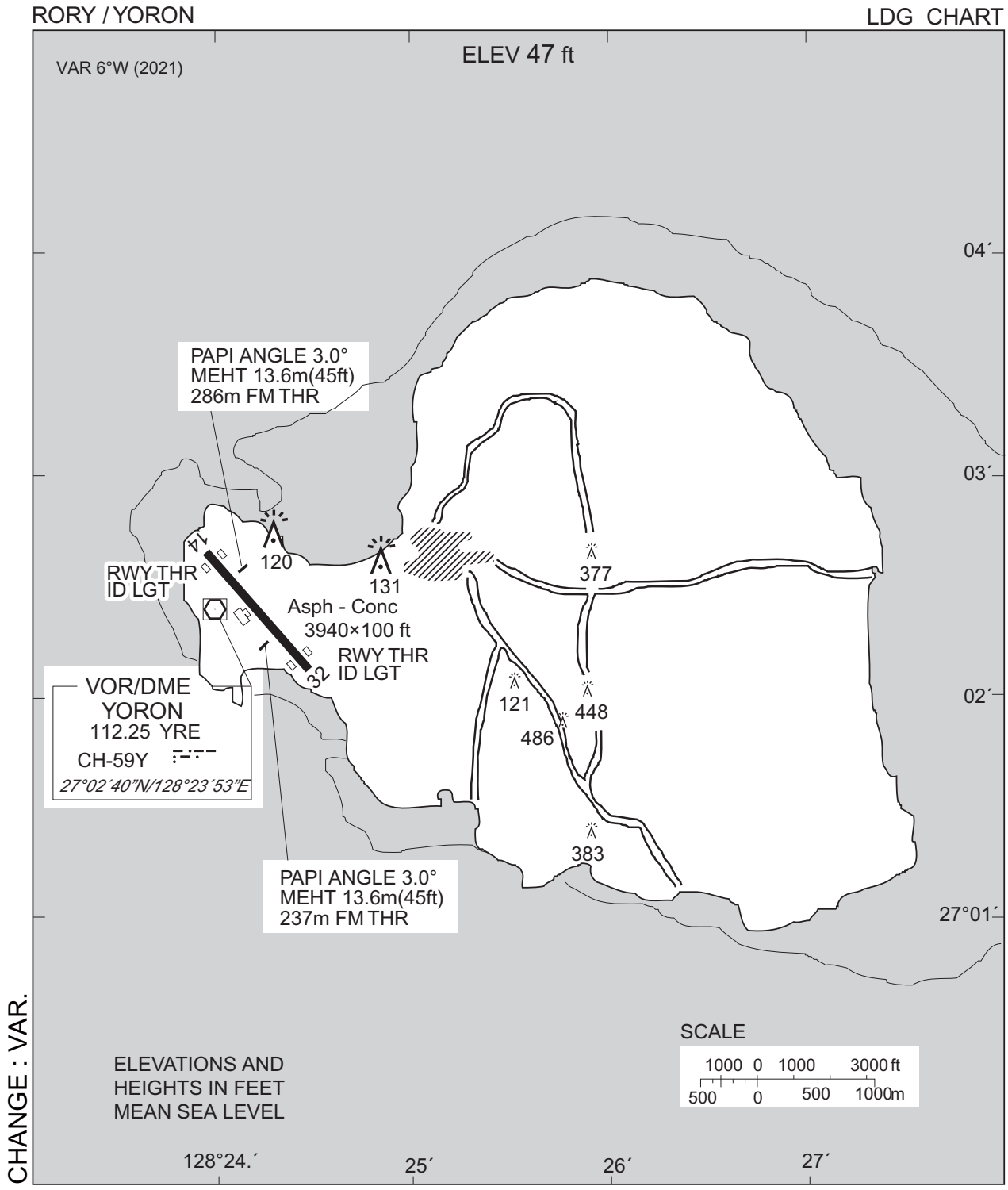
Visual REP



※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).

CHANGE : VAR.

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


RORY / YORON
LDG CHART
ELEV 47 ft
VAR 6°W (2021)
04´
03´
02´
27°01´
PAPI ANGLE 3.0°
MEHT 13.6m(45ft)
286m FM THR
RWY THR
ID LGT
14
120
131
Asph - Conc
3940×100 ft
RWY THR
ID LGT
32
377
121
448
486
383
VOR/DME
YORON
112.25 YRE
CH-59Y
27°02´40"N/128°23´53"E
PAPI ANGLE 3.0°
MEHT 13.6m(45ft)
237m FM THR
SCALE
1000 0 1000 3000 ft
500 0 500 1000m
ELEVATIONS AND
HEIGHTS IN FEET
MEAN SEA LEVEL
128°24.´
25´
26´
27´
CHANGE : VAR.

RORY / YORON Minimum Vectoring Altitude CHART