



#### STANDARD DEPARTURE CHART - INSTRUMENT

RJEO / OKUSHIRI SID

# ESASI TWO DEPARTURE

RWY13: Turn left,...

RWY31 : Climb via RWY HDG until 1500FT or above, complete left turn within ORE 10DME,...

...climb via ORE R115 to ESASI.

Cross ESASI at assigned or specified altitude.

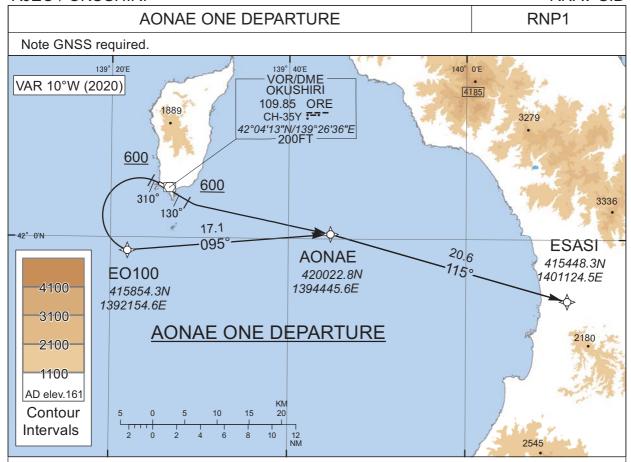
Note: When take off from RWY13, following climb gradient should be maintained until 700FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050



## RJEO / OKUSHIRI

**RNAV SID** 



# **AONAE ONE DEPARTURE**

RWY13:Climb on HDG130°at or above 600FT, turn left direct to AONAE, to ESASI. RWY31:Climb on HDG310°at or above 600FT, turn left direct to EO100, to AONAE, to ESASI.

Note RWY31: 4.5% climb gradient required up to 600FT.

OBST ALT 209FT located at 0.1NM 354°FM end of RWY31

### RWY13

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	-	-	130 (120.3)	-9.8	-	-	+600	-	-	RNP1
002	DF	AONAE	1	-	-9.8	-	L	-	-	-	RNP1
003	TF	ESASI	-	115 (105.6)	-9.8	20.6	-	-	-	-	RNP1

## RWY31

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	-	-	310 (300.3)	-9.8	-	-	+600	-	-	RNP1
002	DF	EO100	-	-	-9.8	-	L	-	-	-	RNP1
003	TF	AONAE	-	095 (084.9)	-9.8	17.1	-	-	-	-	RNP1
004	TF	ESASI	-	115 (105.6)	-9.8	20.6	-	-	-	-	RNP1

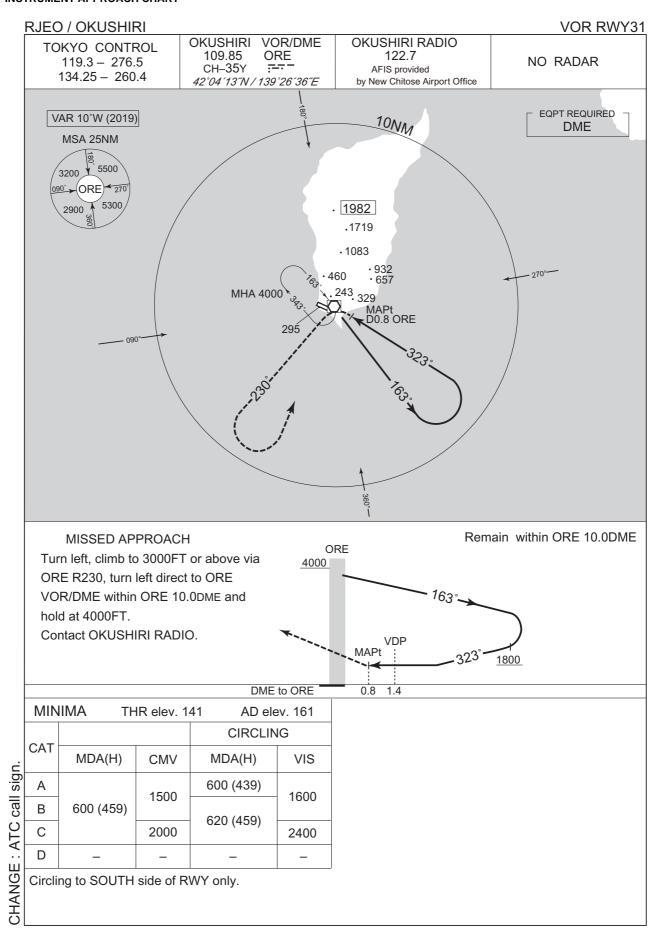
## STANDARD ARRIVAL CHART - INSTRUMENT

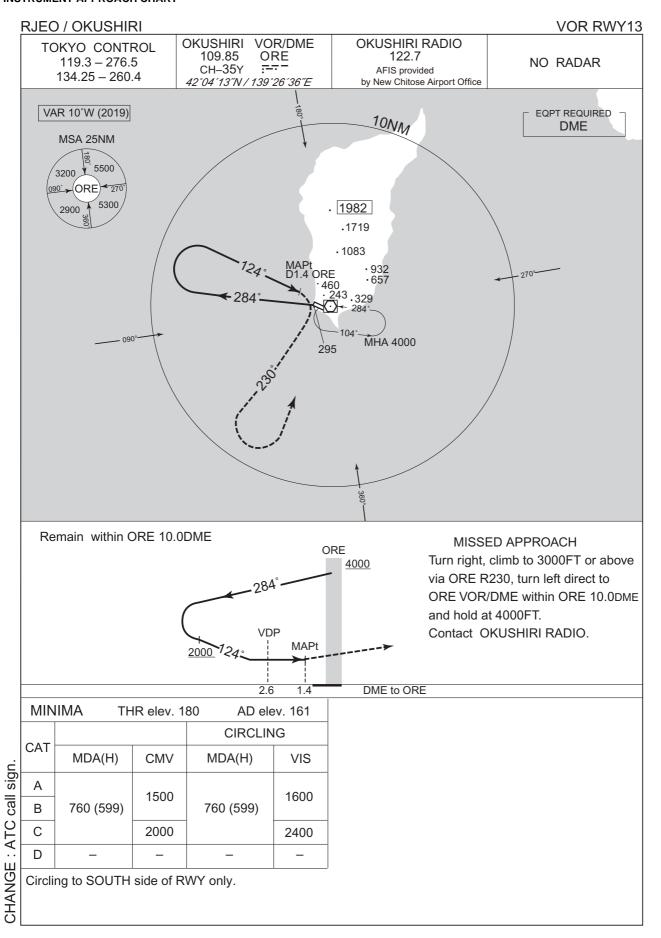
RJEO / OKUSHIRI **RNAV STAR IKORU ARRIVAL** RNP1 Note GNSS required. 42° 20'N 139° 20'E 139° 40'E 140° 0'E 140° 20'E VAR 10°W (2022) VOR/DME OKUSHIRI 109.85 ORE 1889 CH-35Y :--42°04'13"N/139°26'36"E 200FT **IKORU** 420113.1N 1394047.4E 3336 3000 23.7 **ESASI** 296°. 415448.3N 1401124.5E > 5000 **IKORU ARRIVAL** 2180 2069 4100 3100-2100-3asic RNP1→RNP1). 1100-KM 20 AD elev.161 Contour 3517 Intervals **IKORU ARRIVAL** From ESASI at or above 5000FT, to IKORU at or above 3000FT. Serial Path Waypoint Magnetic Altitude Vertical Fly Course Distance Turn Navigation Speed (KIAS) Specification Number Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) Angle 001 IF **ESASI** -9.9 +5000 RNP1 296 002 TF IKORU -9.9 23.7 +3000 RNP1

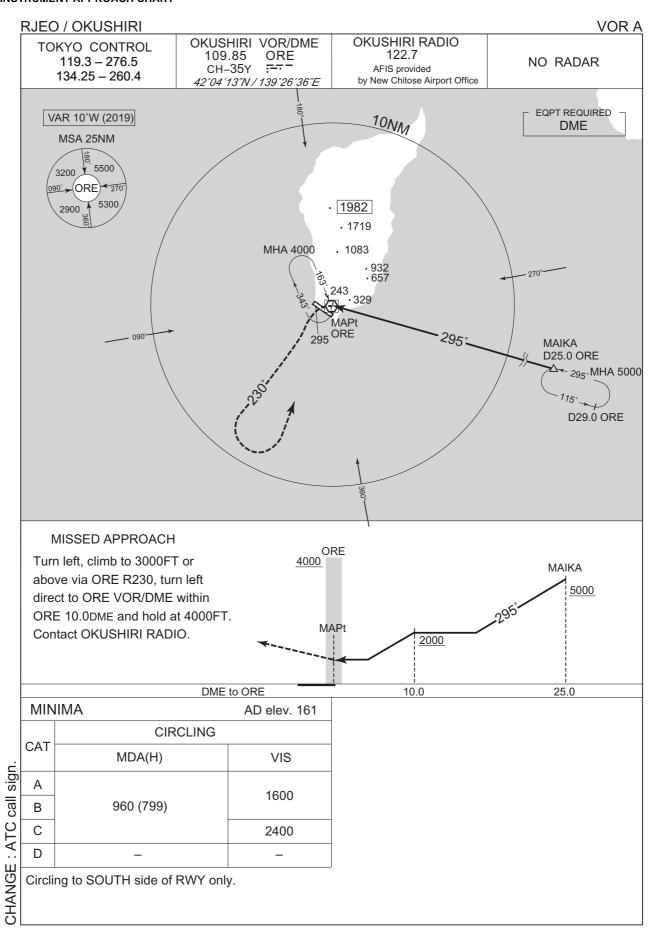
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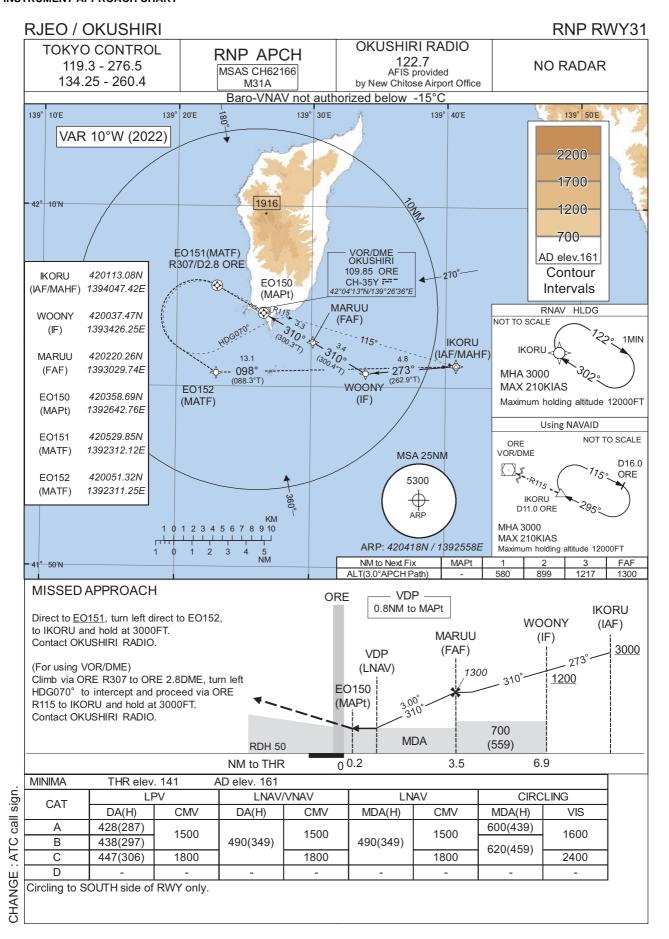
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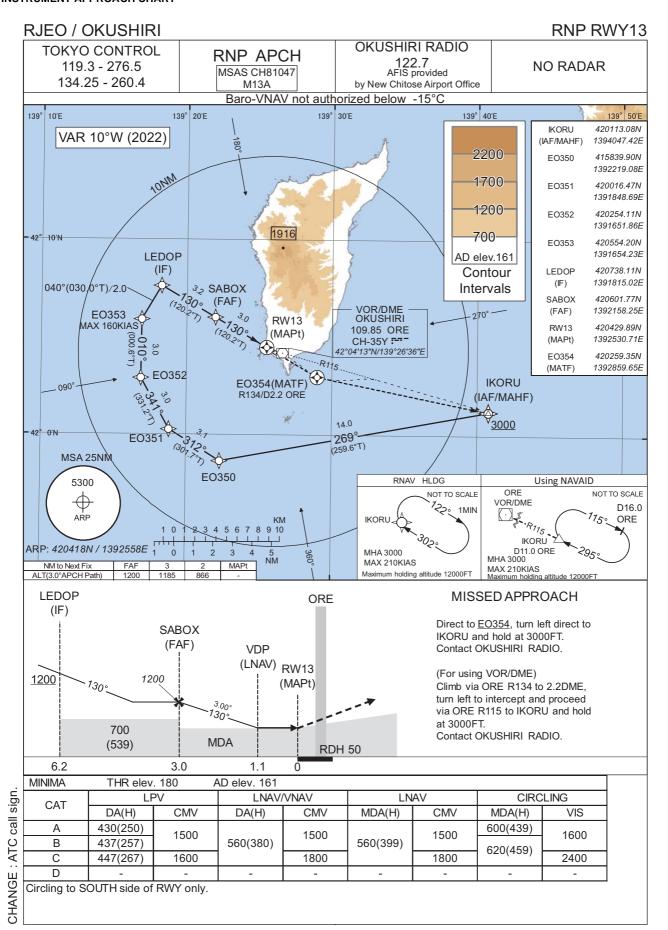


RJEO / OKUSHIRI RNP RWY31

FAS DATA BLOCK			
Operation type	0	LTP/FTP ellipsoidal height	+00760
SBAS service provider identifier	2	FPAP Latitude	420433.0405N
Airport identifier	RJEO	FPAP Longitude	1392523.3970E
Runway	31	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	M31A	∠ length offset	0192
LTP/FTP latitude	420405.4465N	HAL	40.0
LTP/FTP longitude	1392627.1545E	VAL	50.0
CRC remainder	D0B5F768		

# Required additional data

•	
LTP/FTP orthometric height	42.8



RJEO / OKUSHIRI RNP RWY13

FAS DATA BLOCK			
Operation type	0	LTP/FTP ellipsoidal height	+00878
SBAS service provider identifier	2	FPAP Latitude	420402.2720N
Airport identifier	RJEO	FPAP Longitude	1392634.4865E
Runway	13	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	M13A	∠ length offset	0192
LTP/FTP latitude	420429.8670N	HAL	40.0
LTP/FTP longitude	1392530.7315E	VAL	50.0
CRC remainder	D63254BC		

# Required additional data

1							
l	LTP/FTP orthometric height	54.8					

RJEO / OKUSHIRI Visual REP VAR 9°W(2000) / 0.9'E 尾花岬 **OKUSHIRI RADIO** 122.7 <u>INAHOMISAKI</u> 神威山 ○ 奥历 奥尻島 10NM E 青苗岬 室津島 5NM from ARP **10NM SE** Webメルカトル図法(球体補正) / Web Mercator projection

※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
稲穂岬 Inahomisaki	028°T / 12.0NM	灯台 Lighthouse
10NM E	090°T / 10.0NM	海上 Over the sea
10NM SE	135°T / 10.0NM	海上 Over the sea

