### **AD 2 AERODROMES**

## **RJNO AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

## **RJNO - OKI**

### RJNO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	361042N/1331924E			
		068° /1.00km FM RWY 08 THR			
2	Direction and distance from (city)	83km N FM YONAGO City			
3	Elevation/ Reference temperature	262FT / 29°C (2001-2005)			
4	Geoid undulation at AD ELEV PSN	112FT			
5	MAG VAR/ Annual change	8°W(2007) / 1.3'W			
6	AD Administration, address,	SHIMANE PREF. PUBLIC AP.			
	telephone, telefax, telex, AFS,	OKI Airport Administration Office, Misakimachi, Okinoshima-cho, Oki-gun,			
	e-mail and/or Web-site addresses	Shimane Pref.			
		Tel: 08512-2-0703 Fax:08512-2-6250			
		E-mail: okikukokanri@pref.shimane.lg.jp			
		Web: http://www.pref.shimane.jp/			
7	Types of traffic permitted(IFR/	IFR/VFR			
	VFR)				
8	Remarks	Nil			

## **RJNO AD 2.3 OPERATIONAL HOURS**

1	AD Administration	0000 - 0800	
2	Customs and immigration	On request Customs: 0859-42-2228 Immigration: 0859-47-3600	
3	Health and sanitation	Quarantine(human): On request(0859-42-3517) Quarantine(animal, plant): Nil	
4	AIS Briefing Office	Nil	
5	ATS Reporting Office(ARO)	Nil	
6	MET Briefing Office	H24 (KANSAI)	
7	ATS	0000-0800  Remarks: Airport remote mobile communication service provided by Osaka FSC	
8	Fuelling	0000-0800	
9	Handling	0000-0800	
10	Security	Ask AD administration	
11	De-icing	Ask AD administration	
12	Remarks	Nil	

AIP Japan OKI

### **RJNO AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Ask AD administration		
2	Fuel/ oil types	Fuel grade :JET A1/ Ask AD administration		
3	Fuelling facilities/ capacity	Fuel truck refueling / Ask AD administration		
4	De-icing facilities	Ask AD administration		
5	Hangar space for visiting aircraft	Nil		
6	Repair facilities for visiting aircraft	Nil		
7	Remarks	Nil		

### **RJNO AD 2.5 PASSENGER FACILITIES**

1	Hotels	Hotels in Okinoshima-cho	
2	Restaurants	Restaurants in Okinoshima-cho	
3	Transportation	Busses and Taxi	
4	Medical facilities	Hospital in Okinoshima-cho 5km from airport	
5	Bank and Post Office	Bank and Post Office in Okinoshima-cho	
6	Tourist Office	Nil	
7	Remarks	Nil	

## **RJNO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 7	
2	Rescue equipment	Chemical fire fighting truck × 2	
3	Capability for removal of disabled aircraft	Ask AD administration	
4	Remarks	Nil	

## **RJNO AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Snow plow x 1, Snow plow mounted spreader x 1, Snow sweeper x 1,  Tractor shovel x 2
2	Clearance priorities	Ask AD administration
3	Remarks	Nil

# RJNO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Cement-Concrete, Strength: PCN 52/R/B/X/T	
2	Taxiway width, surface and strength	Width: 23m, Surface: asphalt-concrete, Strength: PCN 45/F/B/X/T	
3	ACL and elevation	Not available	
4	VOR checkpoints	Not available	
5	INS checkpoints	Spot NR  1: 361042.62N 1331948.74E  2: 361041.51N 1331948.00E  3: 361041.89N 1331946.51E  4: 361041.22N 1331944.47E	
6	Remarks	Nil	

### RJNO AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual dock- ing/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY: RWY 08/26  (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL  (LGT) RCLL, REDL, RTHL, RENL, Turning point indicator LGT, RWY DIST marker LGT  TWY:  (Marking) TWY CL, RWY HLDG PSN, TWY side stripe  (LGT) TWY edge LGT, TWY CL LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area, ACFT PRKG PSN, APN TWY CL (LGT)APN flood LGT

RJNO / OKI 180° Turn on RWY

## 小型ジェット機用の滑走路180°転回要領

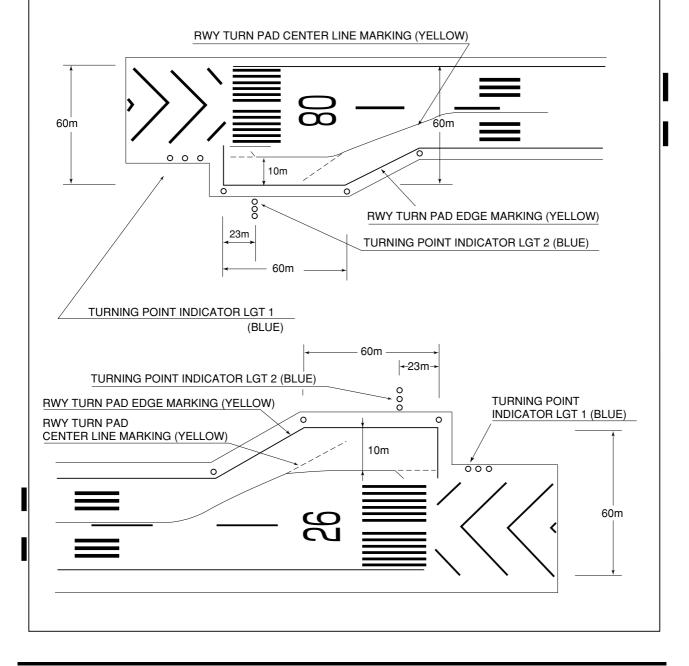
- 1. 滑走路中心線からターニングパッド中心線標識に従って進行する。
- 2. 転回灯1が一直線に見えるように進行し,転回灯2が一直線に見えた時転回を開始する。

転回時はMAX STEERING ANGLEを使用する。

## 180° turn on runway of SJ aircraft

- 1. Proceed along the RWY Turn Pad Center Line Marking.
- 2. Procced along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Light 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Light 2 on a straight line at an angle of 9 o'clock.

When turning, take MAX STEERING ANGLE.



### **RJNO AD 2.10 AERODROME OBSTACLES**

See AD2.24 chart

## In approach/TKOF areas

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
		Nil	I		

# In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Concrete pole	361023.2N/1332015.3E	410ft	- / LIM(Red)	Obstacle near the horizontal surface
Panzer mast	361120.0N/1331858.4E	814ft	- / LIM(Red)	Obstacle above the horizontal surface
Panzer mast	361142.0N/1331946.4E	682ft	- / LIM(Red)	Obstacle above the horizontal surface
Panzer mast	361118.8N/1331748.3E	810ft	- / LIM(Red)	Obstacle above the horizontal surface

### **RJNO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

	1	Associated MET Office	KANSAI
	2	Hours of service	H24 (KANSAI)
		MET Office outside hours	
	3	Office responsible for TAF preparation	Nil
		Periods of validity	
•	4	Trend forecast	Nil.
		Interval of issuance	
	5	Briefing/ consultation provided	Briefing is available upon inquiry at KANSAI
•	6	Flight documentation	С
		Language(s) used	En
•	7	Charts and other information available	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>r</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> ,
		for briefing or consultation	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	Nil
		available for providing information	
	9	ATS units provided with information	REMOTE
•	10	Additional information(limitation of ser-	Nil
		vice, etc.)	

## **RJNO 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 undulati	highest elevation of TD7
1	2	3	4 5		6
08	08 067.89° 2000×45 PCN 45/F/B/X/T 361030.04N Asphalt-Concrete 1331847.67E 112ft		THR ELEV:253ft		
26	247.89°	2000×45	PCN 45/F/B/X/T Asphalt-Concrete	361054.47N 1332001.82E 112ft	THR ELEV:272ft
Slope o	f RWY	Strip Dimensions(M)	RESA(Over Dimensions		Remarks
7		10	11		14
		2120x150	40x(MNM:149 M	AX:150)*	
See below Figure		2120x150	40x(MNM:148 MAX:150)* *For detail, ask airport administrator		RWY Grooving: 2000m x 30m
RWY08		LOI	NGITUDINAL PROF	FILE RUNWAY	RWY26
253ft			26 <mark>2</mark> ft		27 <u>2</u> ft
1	0.3%	0			0.3%

## **RJNO AD 2.13 DECLARED DISTANCES**

RWY Designator	TORA (m)  1 2		ASDA (m)	LDA (m)	Remarks
1			4	5	6
08 26	2000 2000	2000 2000	2000 2000	2000 2000	Nil Nil

## **RJNO 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				
08	Nil	Green -	PAPI 3.0° /LEFT 355m 61ft	Nil	2,000m 30m Coded color LIH	2,000m 60m Coded color LIH	Red	Nil (*1)				
26	Nil	Green -	PAPI 3.0° /LEFT 400m 61ft	Nil	2,000m 30m Coded color LIH	2,000m 60m Coded color LIH	Red	Nil (*1)				
				Remarks								
				10								
CGL for RWY	Overrun area edge LGT(LEN:60m Color:Red)(*1) CGL for RWY 26 RWY THR ID LGT for RWY 08/26 THR(Color:White)											

# RJNO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 361039N/1331956E, White/Green EV4.3sec, HO					
2	LDI location and LGT Anemometer location and LGT	Nil					
3	TWY edge and center line lighting	TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yellow FM RWY leaving point, other Green					
4 Secondary power supply/ switch- over time		Within 15 sec All Lights					
5	Remarks	WDI LGT					

## **RJNO AD 2.16 HELICOPTER LANDING AREA**

Nil
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RJNO AD2-8

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## **RJNO 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
Oki Information zone	Area within a radius of 5NM (9km) of Oki ARP	3000 or below	E	OKI REMOTE En	

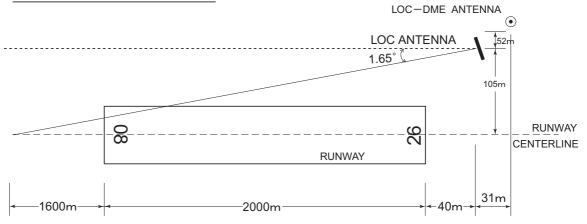
### **RJNO AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	OKI REMOTE	118.65MHz	0000 - 0800	Remote air-ground facility controlled by Osaka FSC

### **RJNO AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

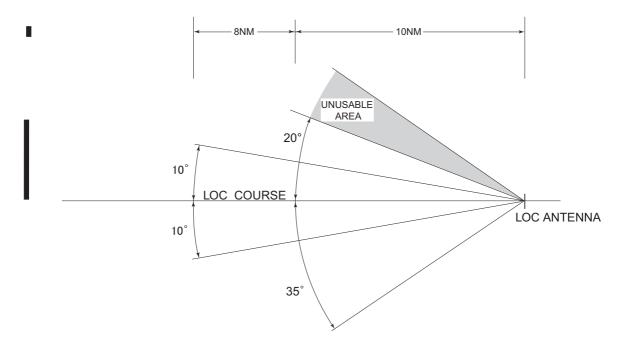
Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (8°W/2012)	OIE	109.25MHz	H24	361036.27N 1331922.16E		VOR/DME Unusable: 020°-030° beyond 15NM BLW 3000ft.
DME	OIE	1116MHz (CH-29Y)	H24	361036.27N 1331922.16E	270ft	200°-240° beyond 20NM BLW 3000ft. 290°-020° beyond 15NM BLW 4000ft.
LOC 08	IOA	111.55MHz	0000 - 0800	361058.12N 1332001.74E		LOC 08: 40m(131ft) away FM RWY 26 THR, 105m(344ft) N of RCL, LOC offset angle 1.65° BRG (MAG) 074.59°. Unusable: beyond 20° N (90Hz) side of LOC course.
LOC-DME 08	IOA	1139MHz (CH-52Y)	0000 - 0800	361100.05N 1332002.09E	286ft	DME 08: 71m(233ft) away FM RWY 26 THR, 157m(515ft) N of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based

## LOC and LOC-DME for RWY08



REMARKS: 1.LOC OFFSET ANGLE 1.65° 2.LOC BEAM BRG(MAG) 074.59°

3. ELEV of LOC—DME 87.1m(286ft)



UNUSABLE: BEYOND 20DEG NORTH(90Hz) SIDE OF LOC COURSE.

**RJNO AD2-10 AIP Japan** OKI

# RJNO AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations
On use of OKI airport, aircraft operator is required to notify Shimane Pref in advance.
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
RJNO AD 2.21 NOISE ABATEMENT PROCEDURES
Ask AD administration

### **RJNO AD 2.22 FLIGHT PROCEDURES**

#### **TAKE OFF MINIMA**

	RWY	ACFT CAT	REDL 8	& RCLL	_	RCLL or larking	NIL (DAY TIME ONLY)	
		CAI	RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT	08	A,B,C,D	-	400m	-	400m	-	500m
with TKOF ALTN AP FILED	26	A,B,C,D	-	400m	-	400m	-	500m
OTHER	08	A,B,C,D	AVBL LDG MINIMA					
OTHER	26	A,B,C,D			AVBL LD	JIVIIIVIIVIA		

### **RJNO AD 2.23 ADDITIONAL INFORMATION**

Ask AD administration

## **RJNO AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart

Standard Departure Chart - Instrument (DOZEN, NAKAU, OKUNI, TSUNO)

Standard Arrival Chart - Instrument (SAIGO)

Instrument Approach Chart (LOC Z RWY08)

Instrument Approach Chart (LOC Y RWY08)

Instrument Approach Chart (VOR RWY26)

Instrument Approach Chart (RNAV(GNSS) RWY08)

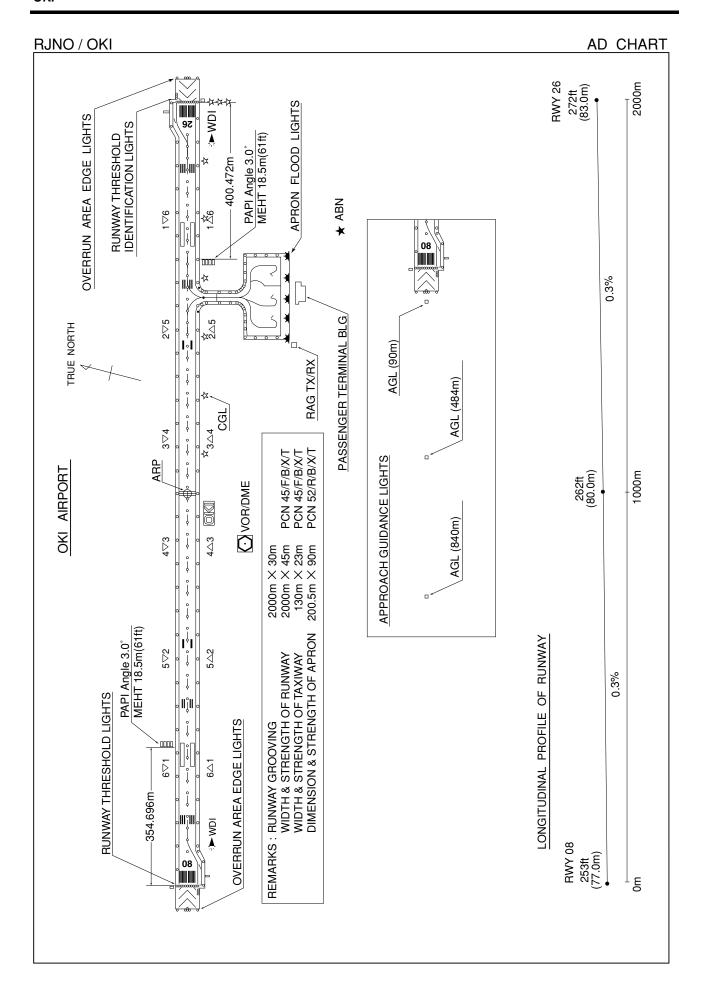
Instrument Approach Chart (RNAV(GNSS) RWY26)

Other Chart (Visual REP)

Other Chart (LDG CHART)

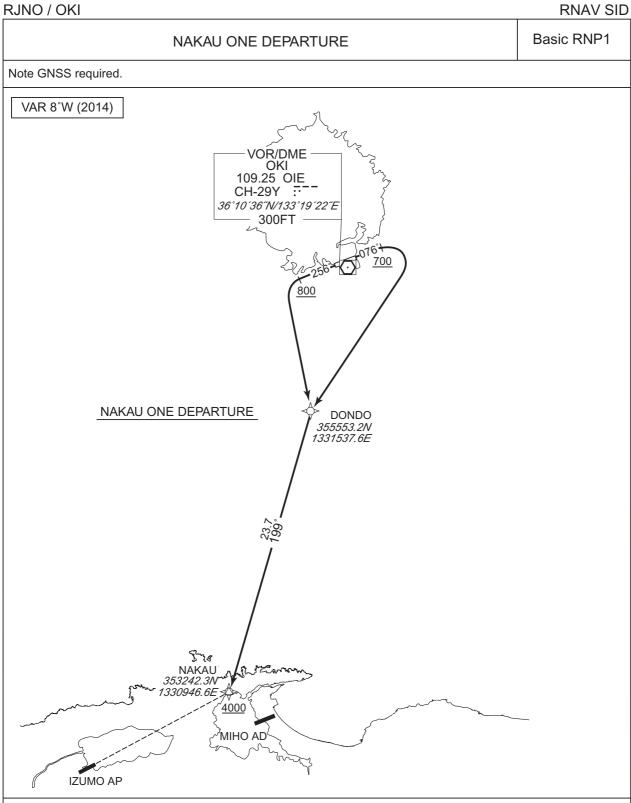
Other Chart (MVA CHART)







RJNO / OKI SID DOZEN FOUR DEPARTURE RWY08 : Climb RWY HDG to 800FT, turn right HDG258°... RWY26 : Climb RWY HDG to 900FT, turn left HDG168°... ...to intercept and proceed via OIE R213 to DOZEN. VOR/DME -OKI 109.25 OIE CH-29Y :: 36°10′36″N/133°19′22″E 300FT -**DOZEN FOUR DEPARTURE DOZEN** R213/D9.4 OIE



# NAKAU ONE DEPARTURE

RWY08: Climb on HDG 076° at or above 700FT, turn right direct to DONDO, to NAKAU at or above

4000FT.

RWY26: Climb on HDG 256° at or above 800FT, turn left direct to DONDO, to NAKAU at or above

4000FT.

RJNO / OKI RNAV SID

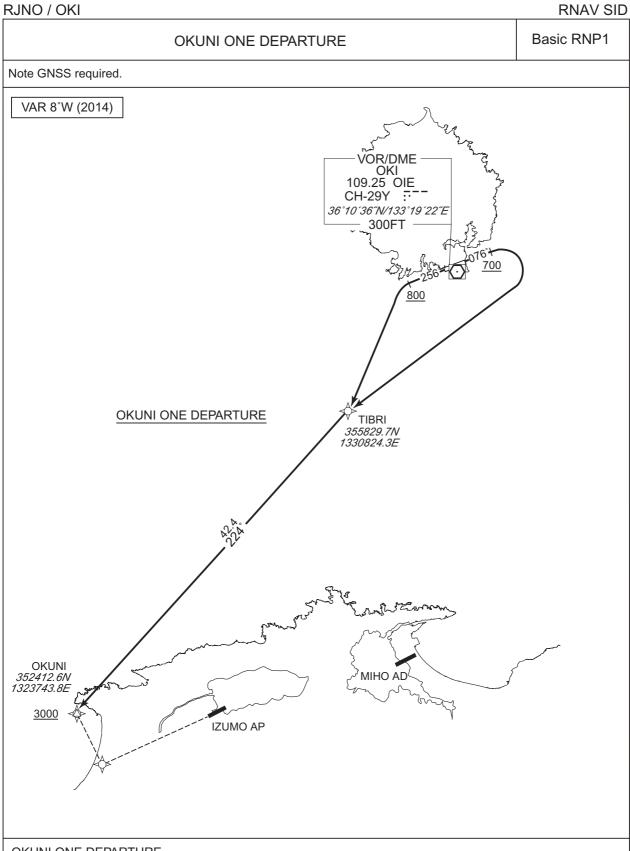
## NAKAU ONE DEPARTURE

### RWY08

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)		Navigation Specification
001	VA	_	_	076 (067.8)	-7.9	_	_	+700	-	_	Basic RNP1
002	DF	DONDO	_	-	-7.9	_	R	_	_	_	Basic RNP1
003	TF	NAKAU	_	199 (191.6)	-7.9	23.7	_	+4000	_	_	Basic RNP1

### RWY26

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	256 (247.8)	-7.9	-		+800	-	_	Basic RNP1
002	DF	DONDO	_	_	-7.9	-	L		_	_	Basic RNP1
003	TF	NAKAU	_	199 (191.6)	-7.9	23.7	_	+4000	_	_	Basic RNP1



### OKUNI ONE DEPARTURE

RWY08: Climb on HDG 076° at or above 700FT, turn right direct to TIBRI, to OKUNI at or above 3000FT. RWY26: Climb on HDG 256° at or above 800FT, turn left direct to TIBRI, to OKUNI at or above 3000FT.

RJNO / OKI RNAV SID

## OKUNI ONE DEPARTURE

## RWY08

П												
	Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
	Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
	001	VA	_	_	076 (067.8)	-7.9	_	_	+700	_	_	Basic RNP1
	002	DF	TIBRI	_	_	-7.9	_	R	_	_	_	Basic RNP1
	003	TF	OKUNI	_	224 (216.2)	-7.9	42.4	_	+3000	_	_	Basic RNP1

### RWY26

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	256 (247.8)	-7.9	_	_	+800	-	_	Basic RNP1
002	DF	TIBRI	_	_	-7.9	_	L	-	_	_	Basic RNP1
003	TF	OKUNI	_	224 (216.2)	-7.9	42.4	_	+3000	_	_	Basic RNP1

RJNO / OKI **RNAV SID** Basic RNP1 TSUNO ONE DEPARTURE Note GNSS required. VAR 8°W (2014) VOR/DME OKI 109.25 OIE CH-29Y :-36°10′36″N/133°19′22″E 300FT 700 TSUNO ONE DEPARTURE <u>11000</u> DISEN 354635.7N 1333125.4E TSUNO 351958.4N 1340912.3E

# TSUNO ONE DEPARTURE

RWY08: Climb on HDG 076° at or above 700FT, turn right direct to DISEN at or above 11000FT, to

TSUNO.

RWY26: Climb on HDG 256° at or above 800FT, turn left direct to DISEN at or above 11000FT, to

TSUNO.

RJNO / OKI RNAV SID

## TSUNO ONE DEPARTURE

## RWY08

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	_	_	076 (067.8)	-7.9	_	_	+700	1	_	Basic RNP1
002	DF	DISEN	_	_	-7.9	_	R	+11000	_	_	Basic RNP1
003	TF	TSUNO	_	139 (130.7)	-7.9	40.7	_	_	_	_	Basic RNP1

## RWY26

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	256 (247.8)	-7.9	_	_	+800	1	_	Basic RNP1
002	DF	DISEN	_	_	-7.9	_	L	+11000	_	_	Basic RNP1
003	TF	TSUNO	_	139 (130.7)	-7.9	40.7	_	_	_	_	Basic RNP1



### STANDARD ARRIVAL CHART-INSTRUMENT

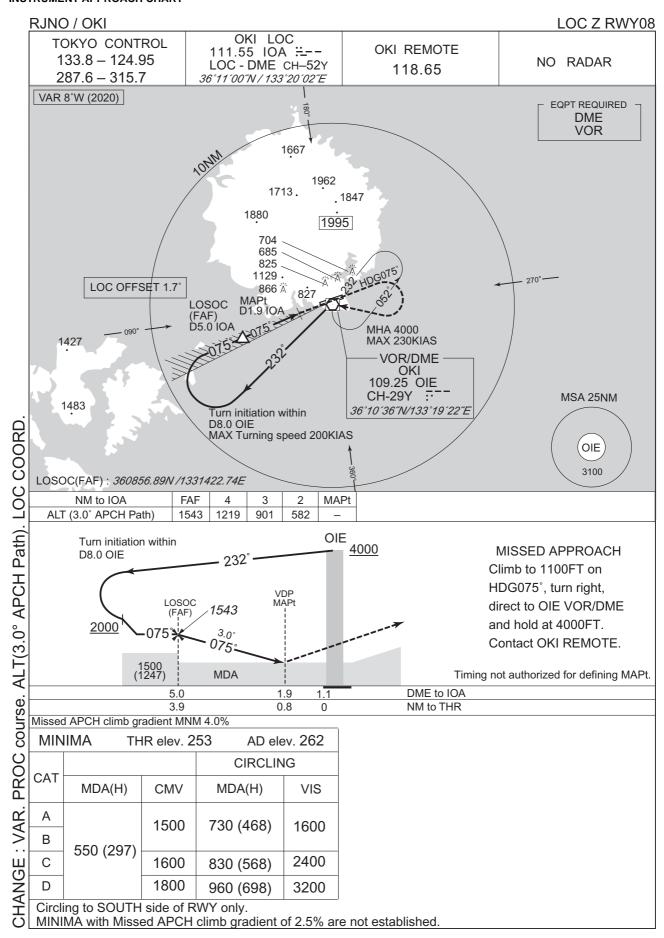
**RNAV STAR** RJNO / OKI Basic RNP1 SAIGO ARRIVAL Note GNSS required. VAR 8°W (2014) VOR/DME OKI 109.25 OIE CH-29Y :--36°10′36″N/133°19′22″E 300FT 6000 SAIGO 355939.7N SAIGO ARRIVAL 1332450.4E 11000 DISEN 354635.7N 1333125.4E TSUNO 351958.4N 1340912.3E

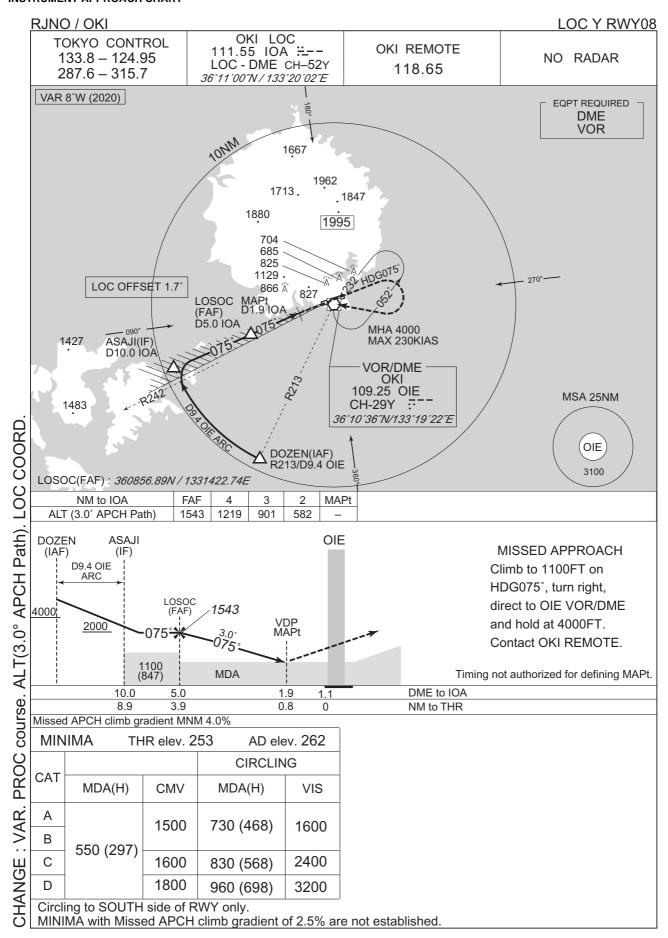
## SAIGO ARRIVAL

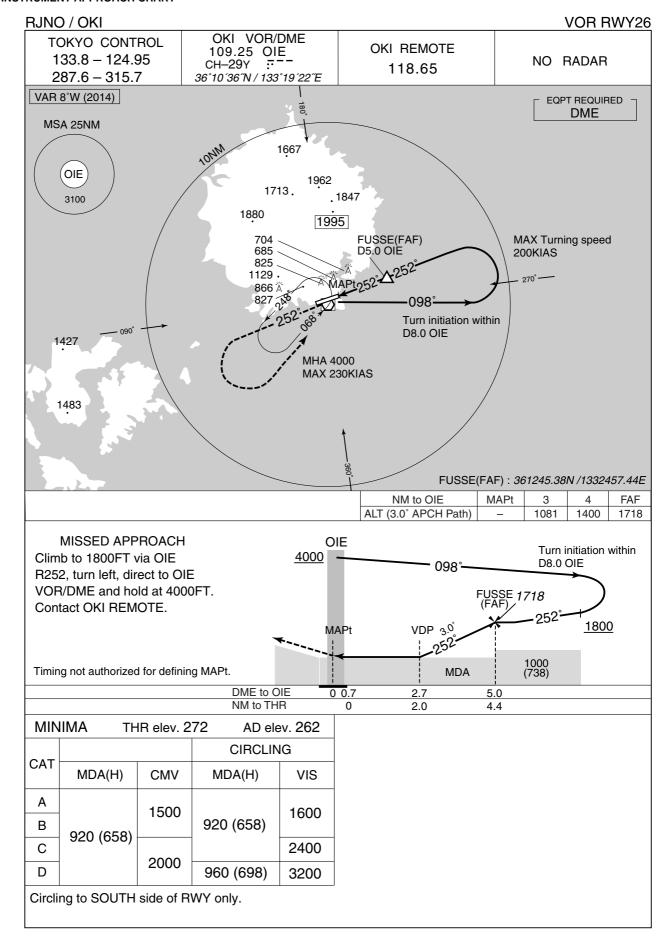
From TSUNO, to DISEN at or above 11000FT, to SAIGO at or above 6000FT.

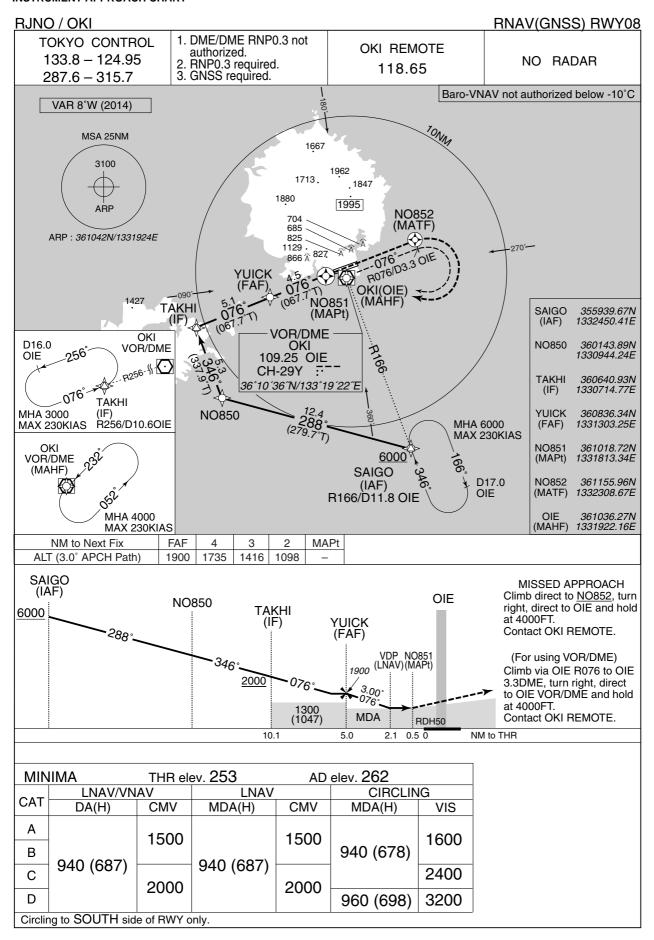
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)		Navigation Specification
001	IF	TSUNO	_	_	-7.9	_	_	_	_	_	Basic RNP1
002	TF	DISEN	_	319 (311.1)	-7.9	40.7	1	+11000	-	_	Basic RNP1
003	TF	SAIGO	_	346 (337.8)	-7.9	14.1	_	+6000	_	_	Basic RNP1

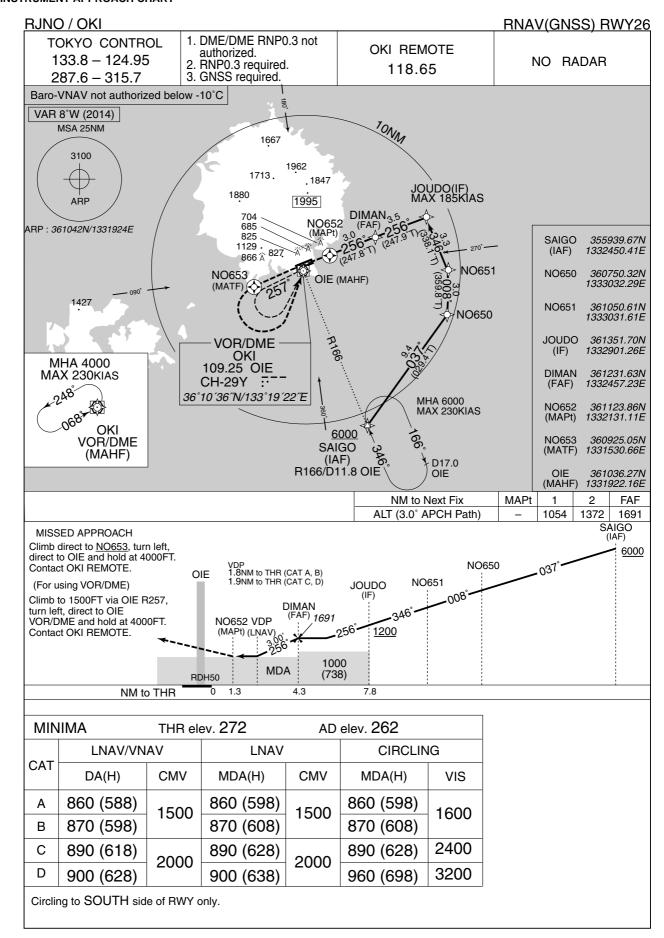
















※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
ポイント アルファ Point Alfa	212°T / 10.0NM	海上 Over the sea
ポイント ブラボー Point Bravo	193°T / 10.0NM	海上 Over the sea
ポイント チャーリー Point Charlie	149°T / 10.0NM	空港標点と倉吉市(JR倉吉駅)とを結ぶ直線上 On the straight line connecting ARP and Kurayoshi City.(JR Kurayoshi Station)

