

## 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, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	SHIMANE PREF. PUBLIC AP. OKI Airport Administration Office, Misakimachi, Okinoshima-cho, Oki-gun, Shimane Pref. Tel: 08512-2-0703 Fax:08512-2-6250 E-mail: okikukanri@pref.shimane.lg.jp Web: <a href="http://www.pref.shimane.jp/">http://www.pref.shimane.jp/</a>
7	Types of traffic permitted(IFR/ VFR)	IFR/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: AFIS provided by Osaka Airport Office.
8	Fuelling	0000-0800
9	Handling	0000-0800
10	Security	Ask AD administration
11	De-icing	Ask AD administration
12	Remarks	Nil

**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 x 2, Emergency medical equipments conveyance truck x 1
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 2, Spreader x 1, Snow sweeper x 1, Tractor shovel x 2, Rotary x 1
2	Clearance priorities	(1)RWY 08/26 (2)TWY, APRON
3	Remarks	Nil

**RJNO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	Surface: Cement-Concrete, Strength: PCR 742/R/B/W/T
2	Taxiway width, surface and strength	Width: 23m, Surface: asphalt-concrete, Strength: PCR 565/F/C/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1: 361042.62N 1331948.74E 2: 361041.97N 1331946.89E 3: 361041.16N 1331945.75E 4: 361041.11N 1331944.26E
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 docking/ 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

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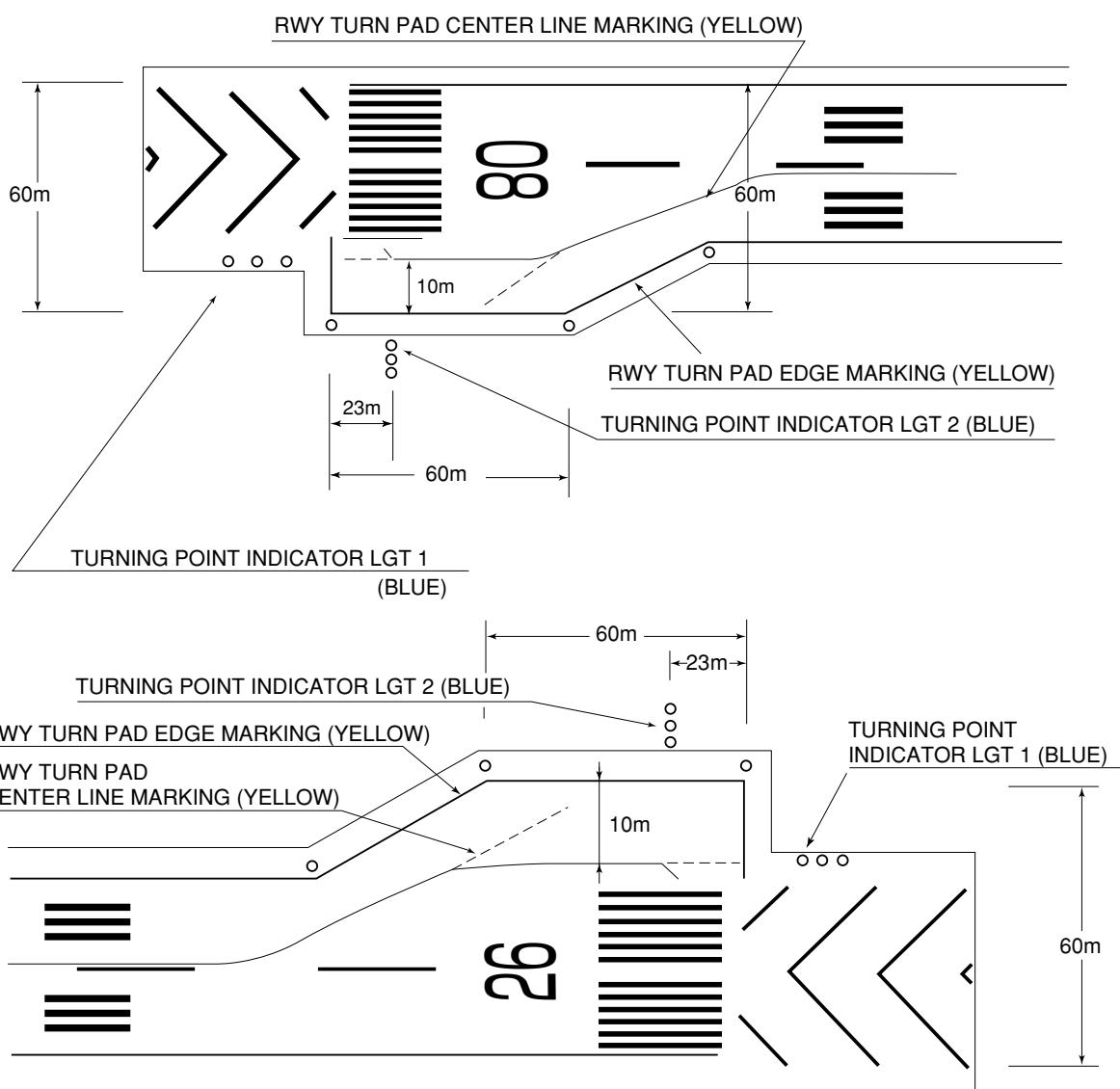
180° Turn on RWY

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. Proceed 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**

In Area 2 See Obstacle data

Other obstacles

OBST ID/ designation	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
RJNO1	Concrete pole	361023.2N/1332015.0E	409ft	-/LIM(Red)	Under horizontal surface

In Area 3 To be developed

**RJNO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

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

## RJNO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCR) 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
08	067.89°	2000x45	PCR 605/F/C/X/T Asphalt-Concrete	361030.04N 1331847.67E 112ft	THR ELEV:253ft
26	247.89°	2000x45	PCR 605/F/C/X/T Asphalt-Concrete	361054.47N 1332001.82E 112ft	THR ELEV:272ft
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)		Remarks
7	10	2120x150	40x(MNM:149 MAX:150)*	11	14
See below Figure		2120x150	40x(MNM:148 MAX:150)*	RWY Grooving: 2000m x 30m *For detail, ask airport administrator	
<u>LONGITUDINAL PROFILE RUNWAY</u>					
RWY08					RWY26
253ft		262ft		272ft	
0.3%			0.3%		
0m		1000m		2000m	

## RJNO AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
08	2000	2000	2000	2000	Nil
26	2000	2000	2000	2000	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								
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 and center line lights installed, see AD2.9
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 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 RADIO En	

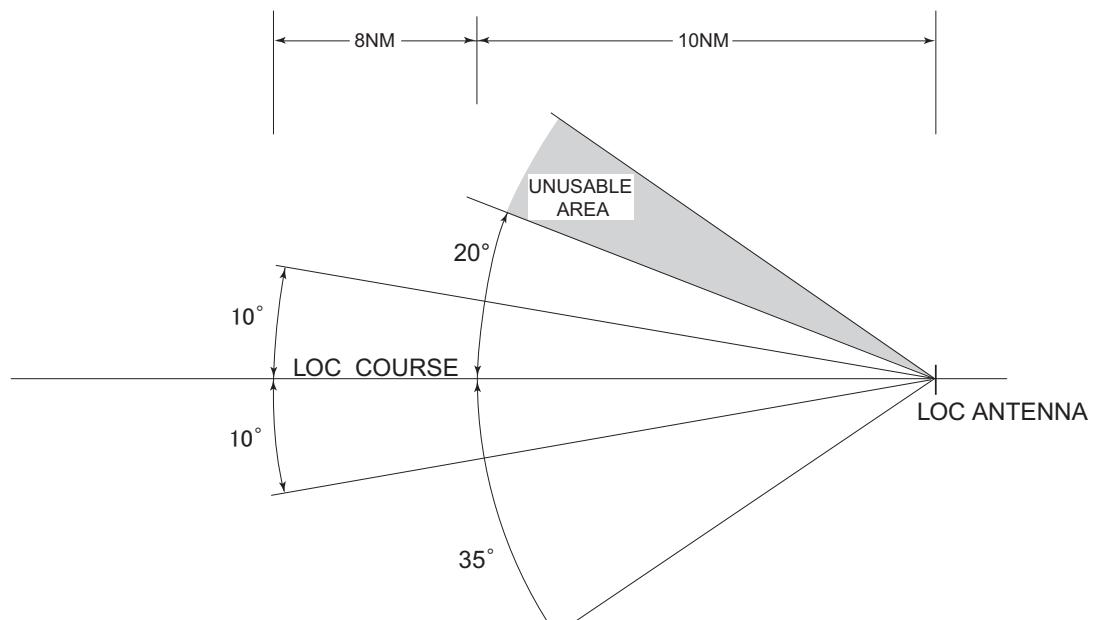
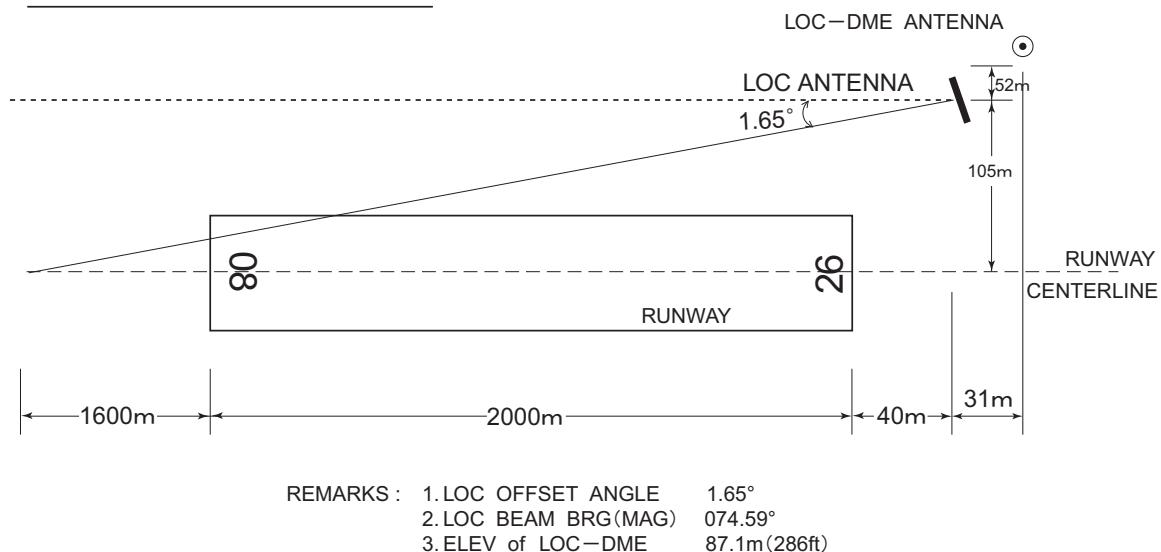
## RJNO AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	OKI RADIO	118.65MHz	0000 - 0800	Operated by Osaka Airport Office.

## 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



**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 & RCLL		REDL or RCLL or RCL Marking		NIL (DAY TIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	08	A,B,C,D	-	400m	-	400m	-	500m
	26	A,B,C,D	-	400m	-	400m	-	500m
OTHER	08	A,B,C,D	AVBL LDG MINIMA					
	26	A,B,C,D						

**RJNO AD 2.23 ADDITIONAL INFORMATION**

Ask AD administration

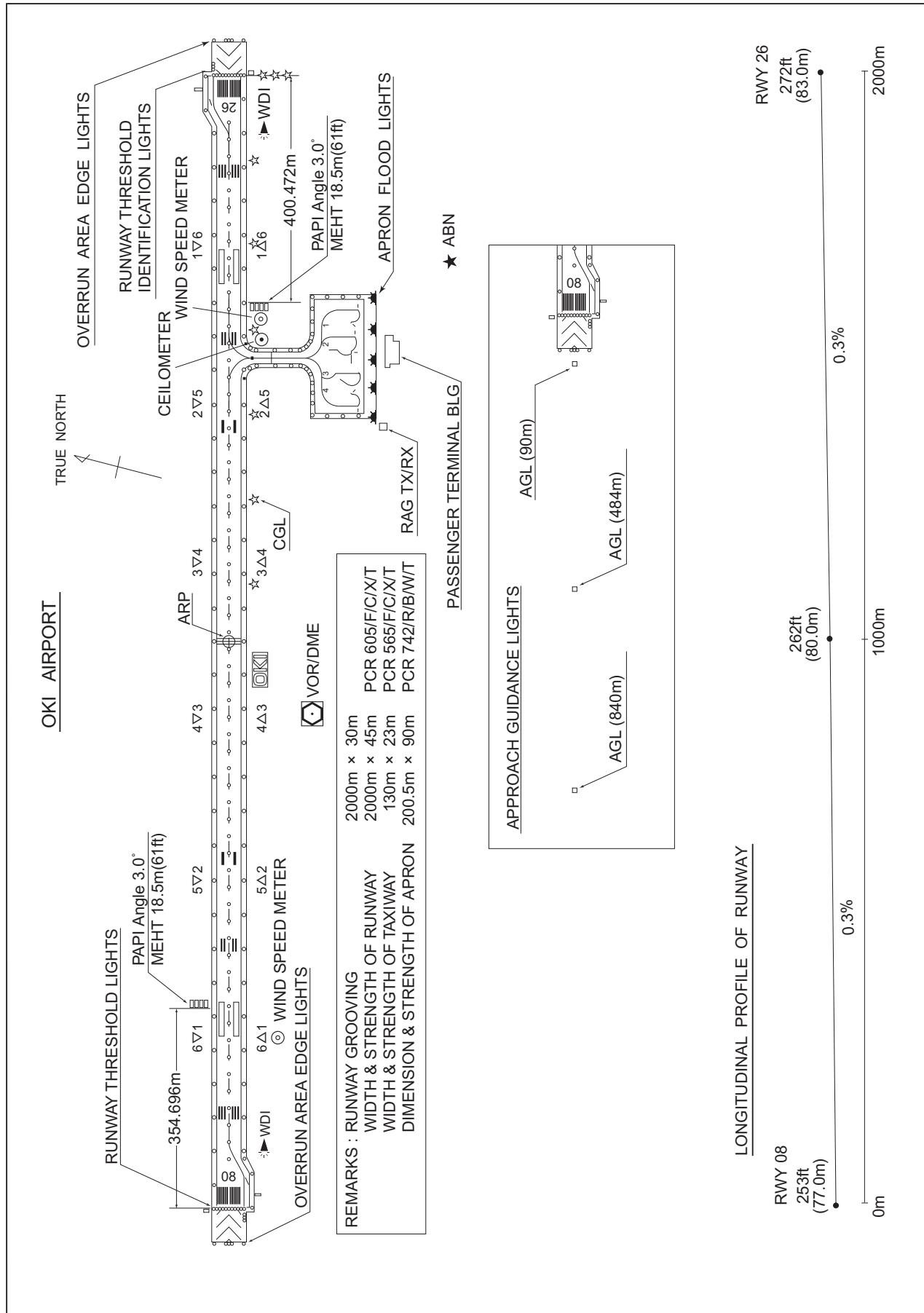
**RJNO AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (DOZEN)  
Standard Departure Chart - Instrument (NAKAU-RNAV)  
Standard Departure Chart - Instrument (OKUNI-RNAV)  
Standard Departure Chart - Instrument (TSUNO-RNAV)  
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 (RNP RWY08)  
Instrument Approach Chart (RNP RWY26)  
Other Chart (Visual REP)  
Other Chart (LDG CHART)  
Other Chart (MVA CHART)

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## AD CHART



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STANDARD DEPARTURE CHART -INSTRUMENT

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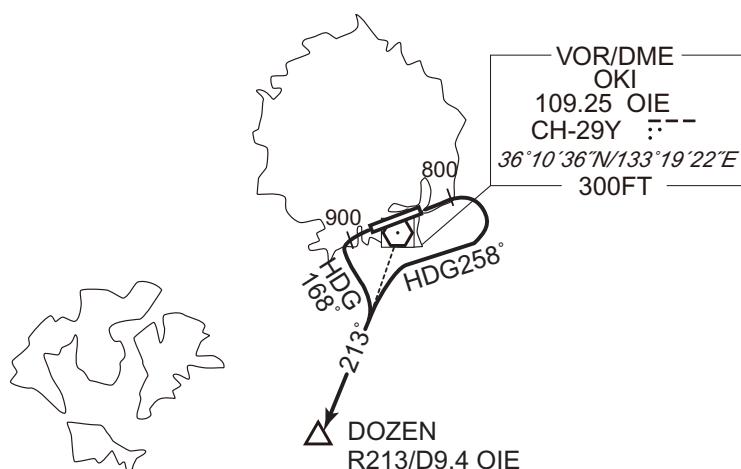
SID

DOZEN FOUR DEPARTURE

RWY08 : Climb RWY HDG to 800FT, turn right HDG258°...

RWY26 : Climb RWY HDG to 900FT, turn left HDG168°...

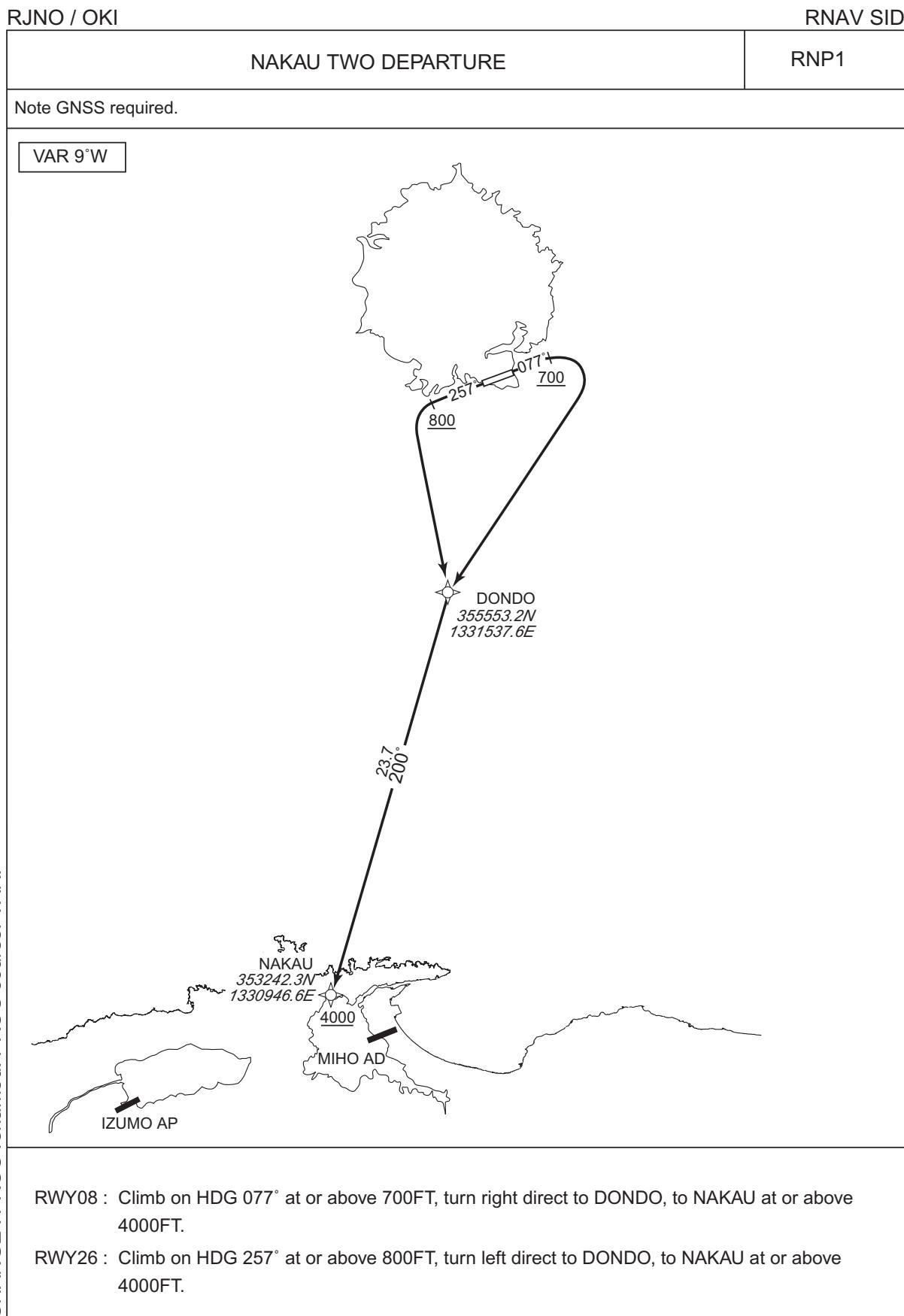
...to intercept and proceed via OIE R213 to DOZEN.



CHANGE : Description of PROC name.

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## STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNO / OKI

RNAV SID

NAKAU TWO DEPARTURE

## RWY08

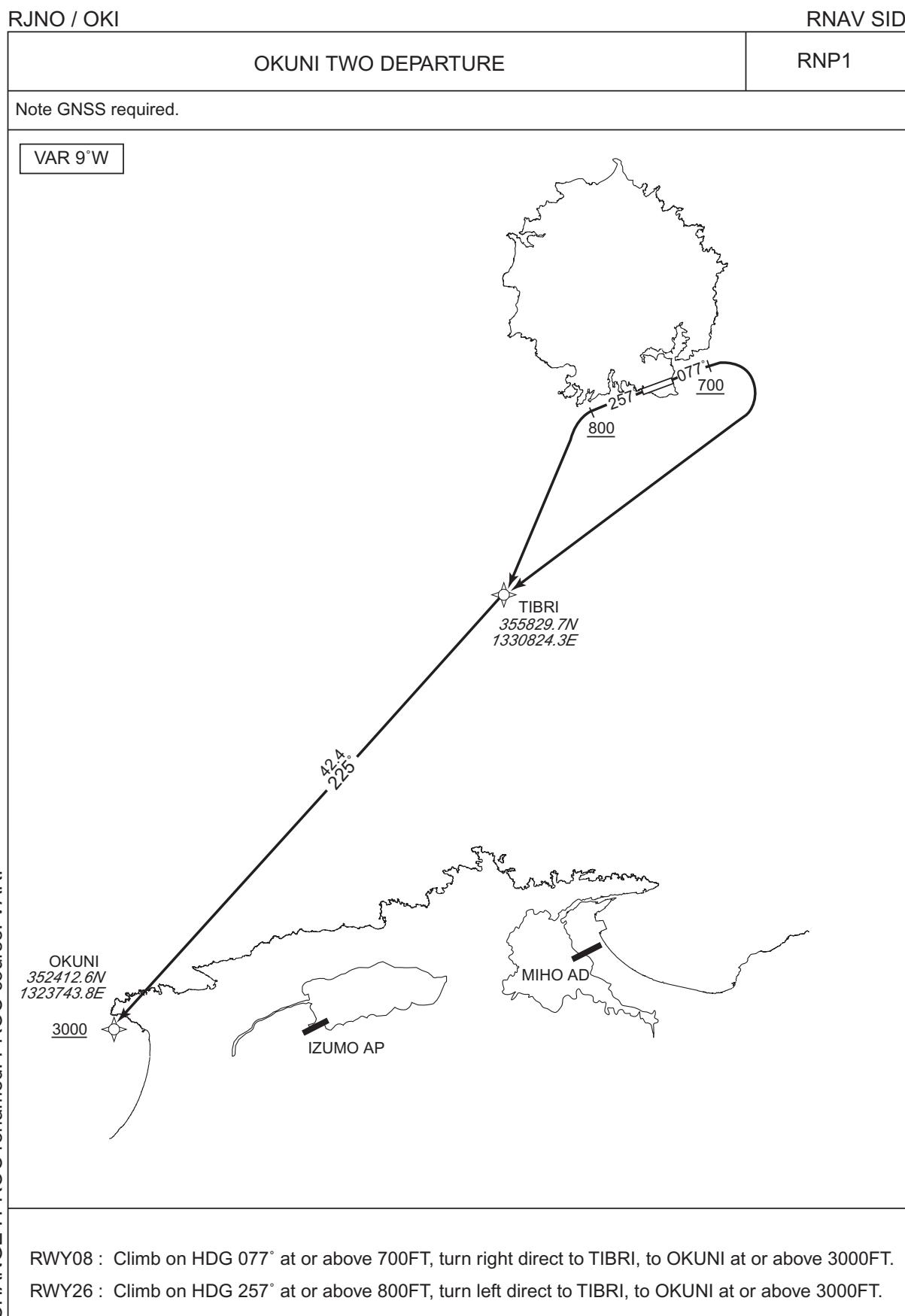
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	077 (067.8)	-8.8	-	-	+700	-	-	RNP1
002	DF	DONDO	-	-	-8.8	-	R	-	-	-	RNP1
003	TF	NAKAU	-	200 (191.6)	-8.8	23.7	-	+4000	-	-	RNP1

## RWY26

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	-	-	257 (247.8)	-8.8	-	-	+800	-	-	RNP1
002	DF	DONDO	-	-	-8.8	-	L	-	-	-	RNP1
003	TF	NAKAU	-	200 (191.6)	-8.8	23.7	-	+4000	-	-	RNP1

CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

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## RWY08

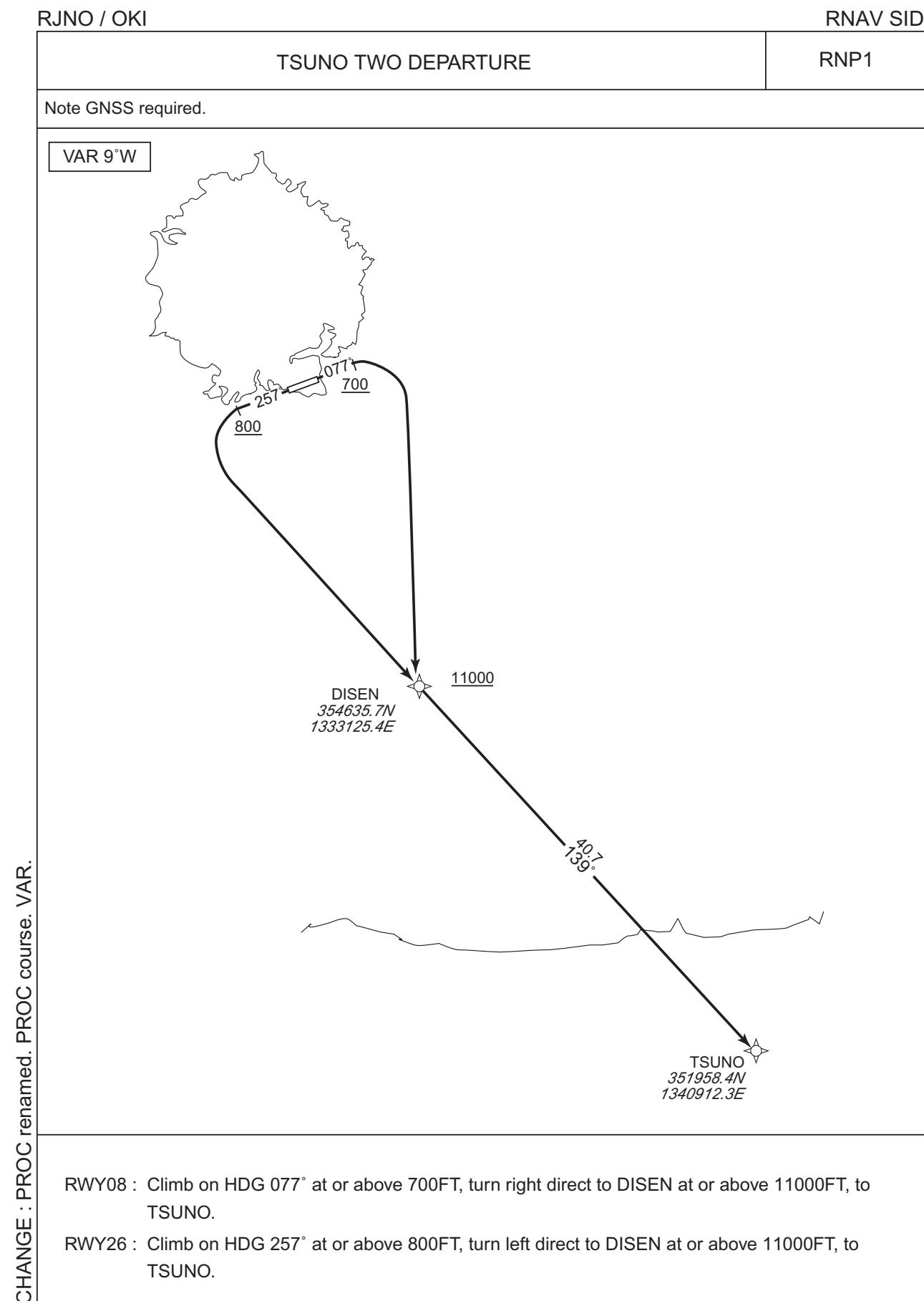
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	077 (067.8)	-8.8	-	-	+700	-	-	RNP1
002	DF	TIBRI	-	-	-8.8	-	R	-	-	-	RNP1
003	TF	OKUNI	-	225 (216.2)	-8.8	42.4	-	+3000	-	-	RNP1

## RWY26

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	-	-	257 (247.8)	-8.8	-	-	+800	-	-	RNP1
002	DF	TIBRI	-	-	-8.8	-	L	-	-	-	RNP1
003	TF	OKUNI	-	225 (216.2)	-8.8	42.4	-	+3000	-	-	RNP1

CHANGE : PROC renamed. PROC course. VAR.

## STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNO / OKI

RNAV SID

TSUNO TWO DEPARTURE

## RWY08

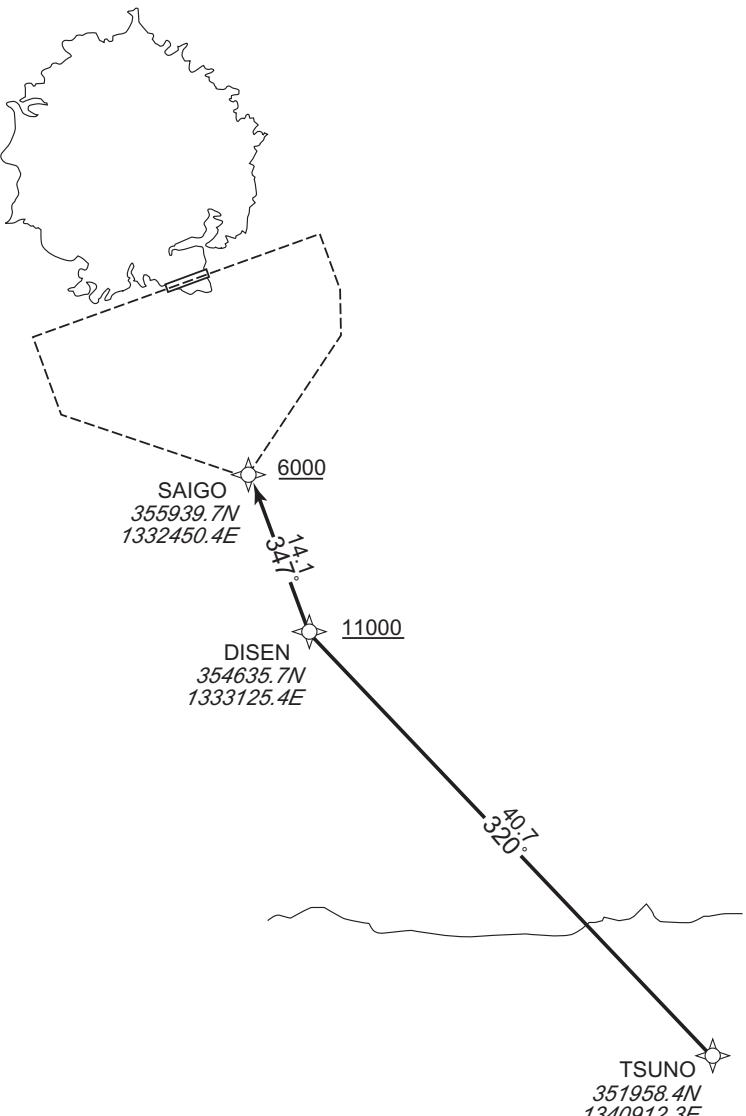
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	077 (067.8)	-8.8	-	-	+700	-	-	RNP1
002	DF	DISEN	-	-	-8.8	-	R	+11000	-	-	RNP1
003	TF	TSUNO	-	139 (130.7)	-8.8	40.7	-	-	-	-	RNP1

## RWY26

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	-	-	257 (247.8)	-8.8	-	-	+800	-	-	RNP1
002	DF	DISEN	-	-	-8.8	-	L	+11000	-	-	RNP1
003	TF	TSUNO	-	139 (130.7)	-8.8	40.7	-	-	-	-	RNP1

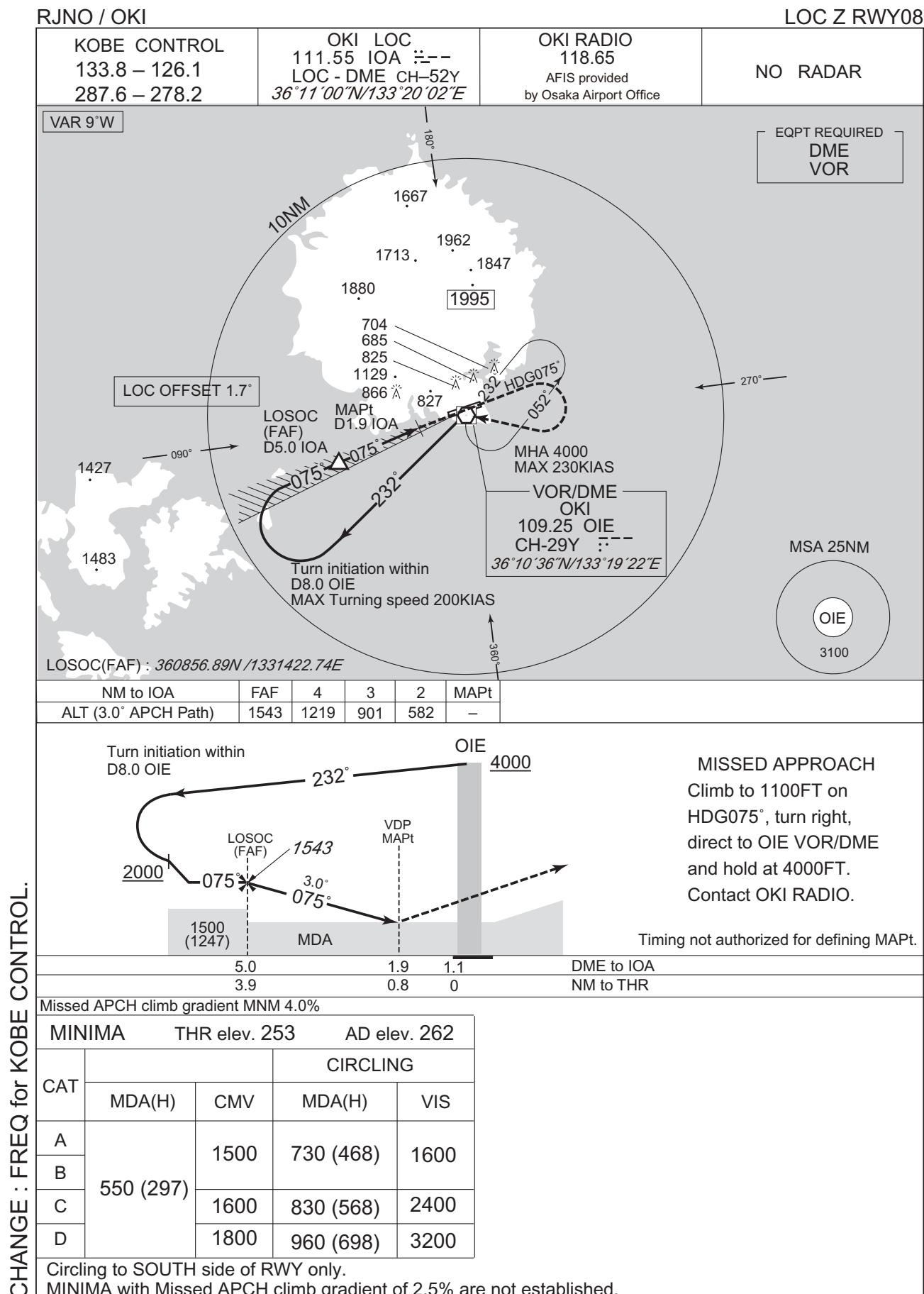
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## STANDARD ARRIVAL CHART-INSTRUMENT

RJNO / OKI		RNAV STAR																																														
SAIGO ARRIVAL		RNP1																																														
Note GNSS required.																																																
VAR 9°W																																																
																																																
CHANGE : PROC course. VAR.																																																
From TSUNO, to DISEN at or above 11000FT, to SAIGO at or above 6000FT.																																																
<table border="1"> <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>TSUNO</td><td>—</td><td>—</td><td>-8.8</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>RNP1</td></tr> <tr> <td>002</td><td>TF</td><td>DISEN</td><td>—</td><td>320 (311.1)</td><td>-8.8</td><td>40.7</td><td>—</td><td>+11000</td><td>—</td><td>—</td><td>RNP1</td></tr> <tr> <td>003</td><td>TF</td><td>SAIGO</td><td>—</td><td>347 (337.8)</td><td>-8.8</td><td>14.1</td><td>—</td><td>+6000</td><td>—</td><td>—</td><td>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	TSUNO	—	—	-8.8	—	—	—	—	—	RNP1	002	TF	DISEN	—	320 (311.1)	-8.8	40.7	—	+11000	—	—	RNP1	003	TF	SAIGO	—	347 (337.8)	-8.8	14.1	—	+6000	—	—	RNP1
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001	IF	TSUNO	—	—	-8.8	—	—	—	—	—	RNP1																																					
002	TF	DISEN	—	320 (311.1)	-8.8	40.7	—	+11000	—	—	RNP1																																					
003	TF	SAIGO	—	347 (337.8)	-8.8	14.1	—	+6000	—	—	RNP1																																					

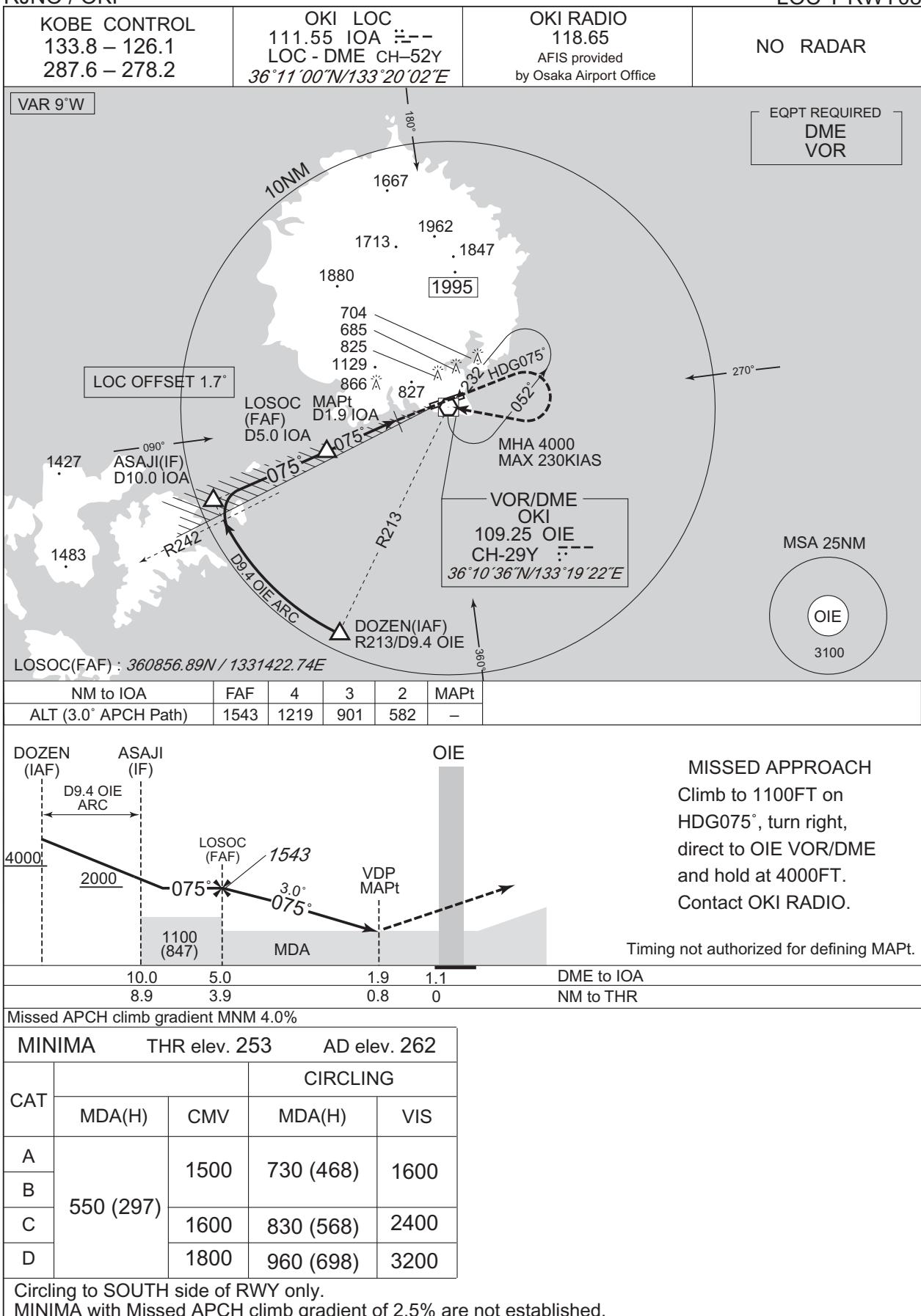
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## INSTRUMENT APPROACH CHART

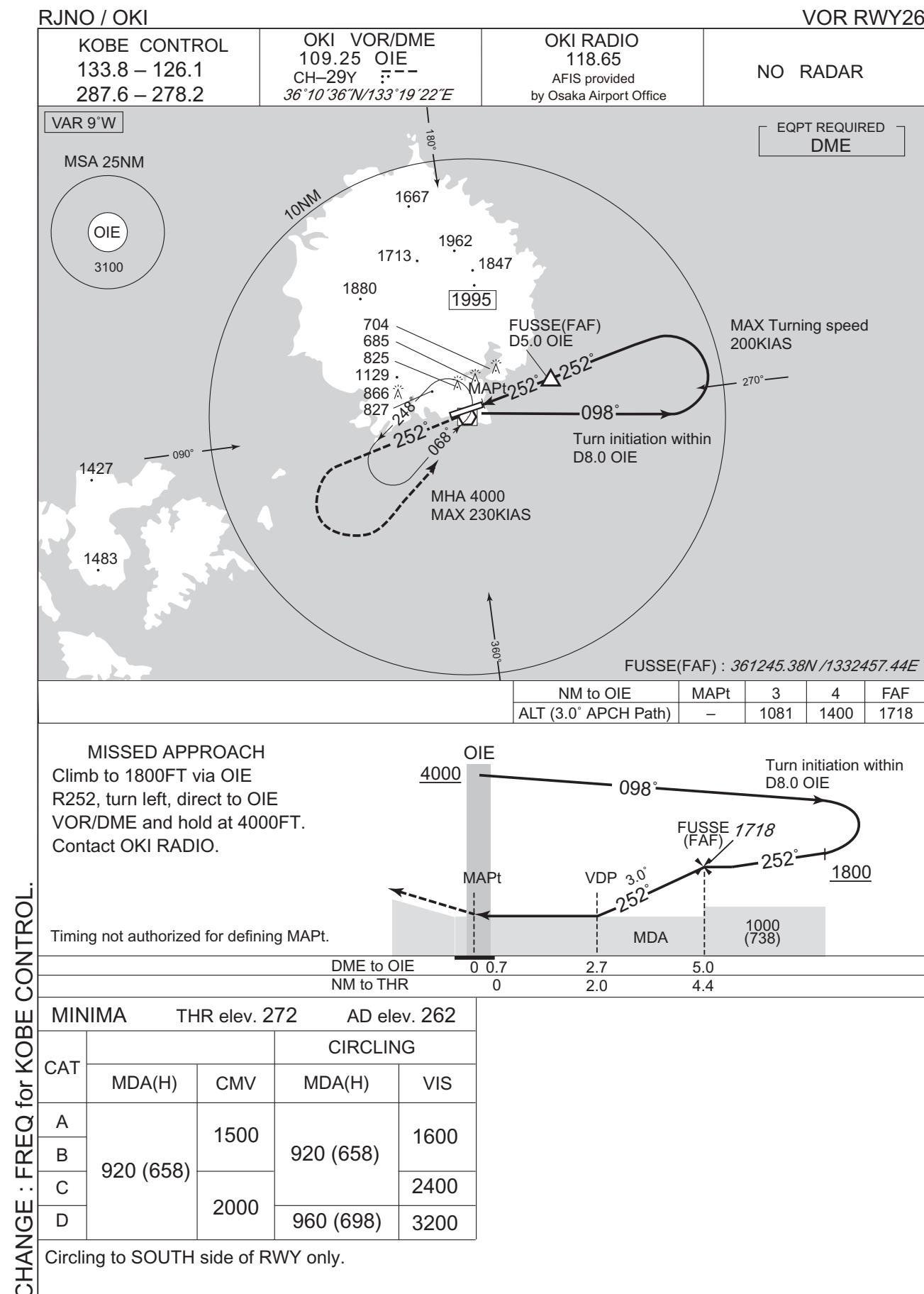


## INSTRUMENT APPROACH CHART

RJNO / OKI

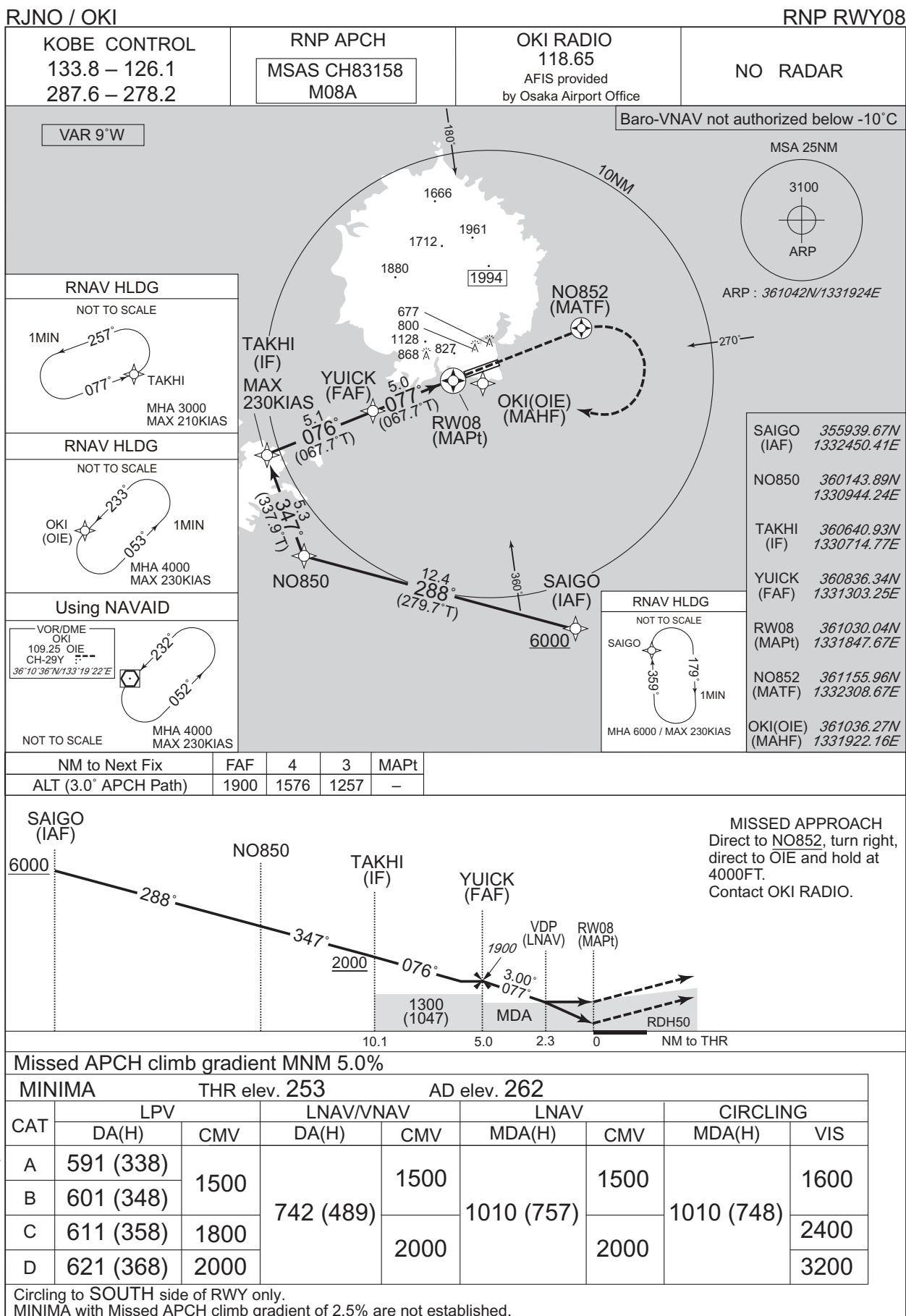


## INSTRUMENT APPROACH CHART



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## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJNO / OKI

RNP RWY08

**FAS DATA BLOCK**

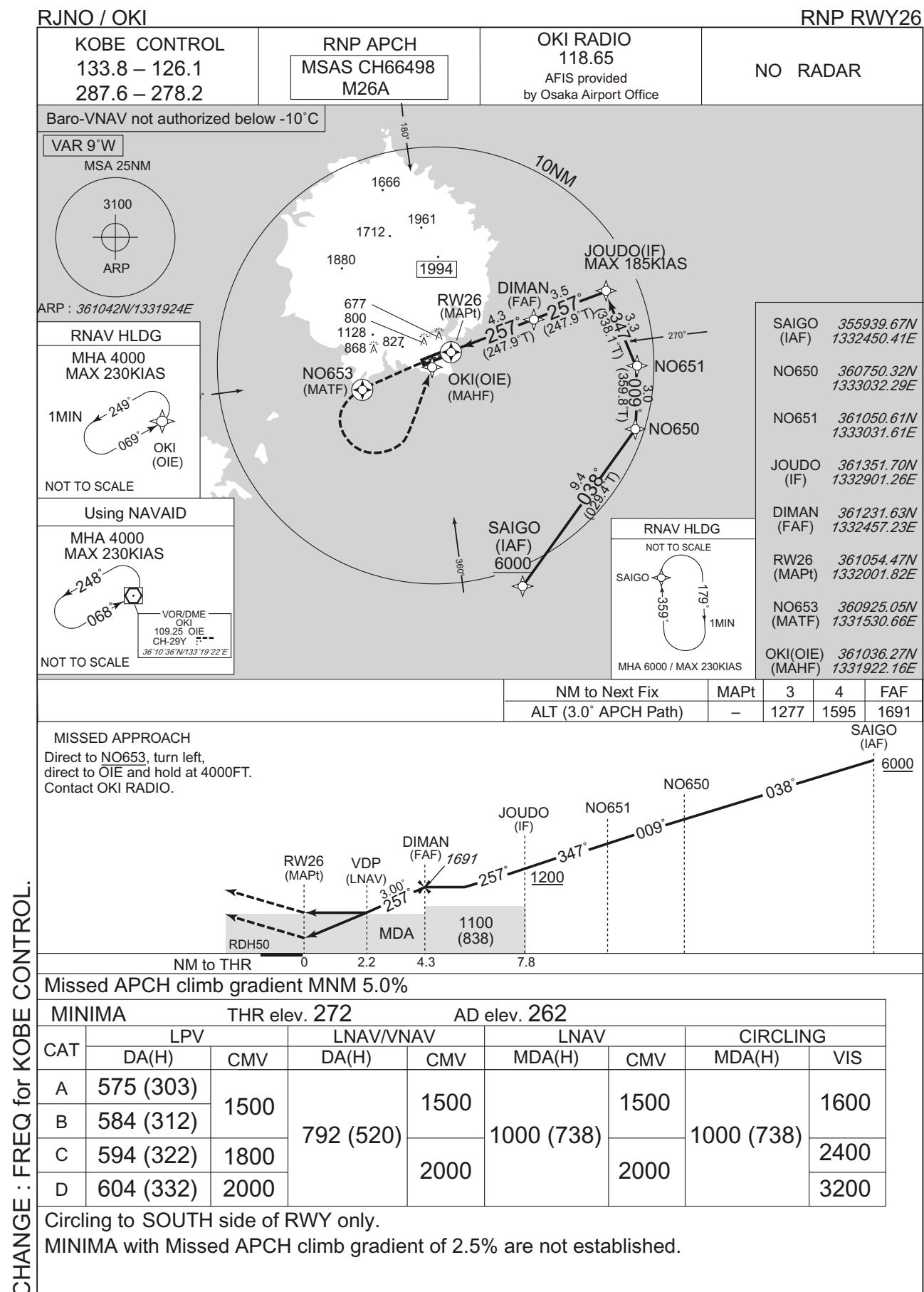
Operation type	0	LTP/FTP ellipsoidal height	+01107
SBAS service provider identifier	2	FPAP latitude	361054.4595N
Airport identifier	RJNO	FPAP longitude	1332001.8525E
Runway	08	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M08A	△ length offset	0000
LTP/FTP latitude	361030.0320N	HAL	40.0
LTP/FTP longitude	1331847.7060E	VAL	50.0
CRC remainder	1A0AB58B		

**Required additional data**

LTP/FTP orthometric height	76.8
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CHANGE : FAS DATA BLOCK, Required additional data established.

## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJNO / OKI

RNP RWY26

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+01168
SBAS service provider identifier	2	FPAP latitude	361030.0320N
Airport identifier	RJNO	FPAP longitude	1331847.7060E
Runway	26	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	M26A	△ length offset	0000
LTP/FTP latitude	361054.4595N	HAL	40.0
LTP/FTP longitude	1332001.8525E	VAL	50.0
CRC remainder	BB23D7F9		

**Required additional data**

LTP/FTP orthometric height	82.9
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CHANGE : FAS DATA BLOCK, Required additional data established.

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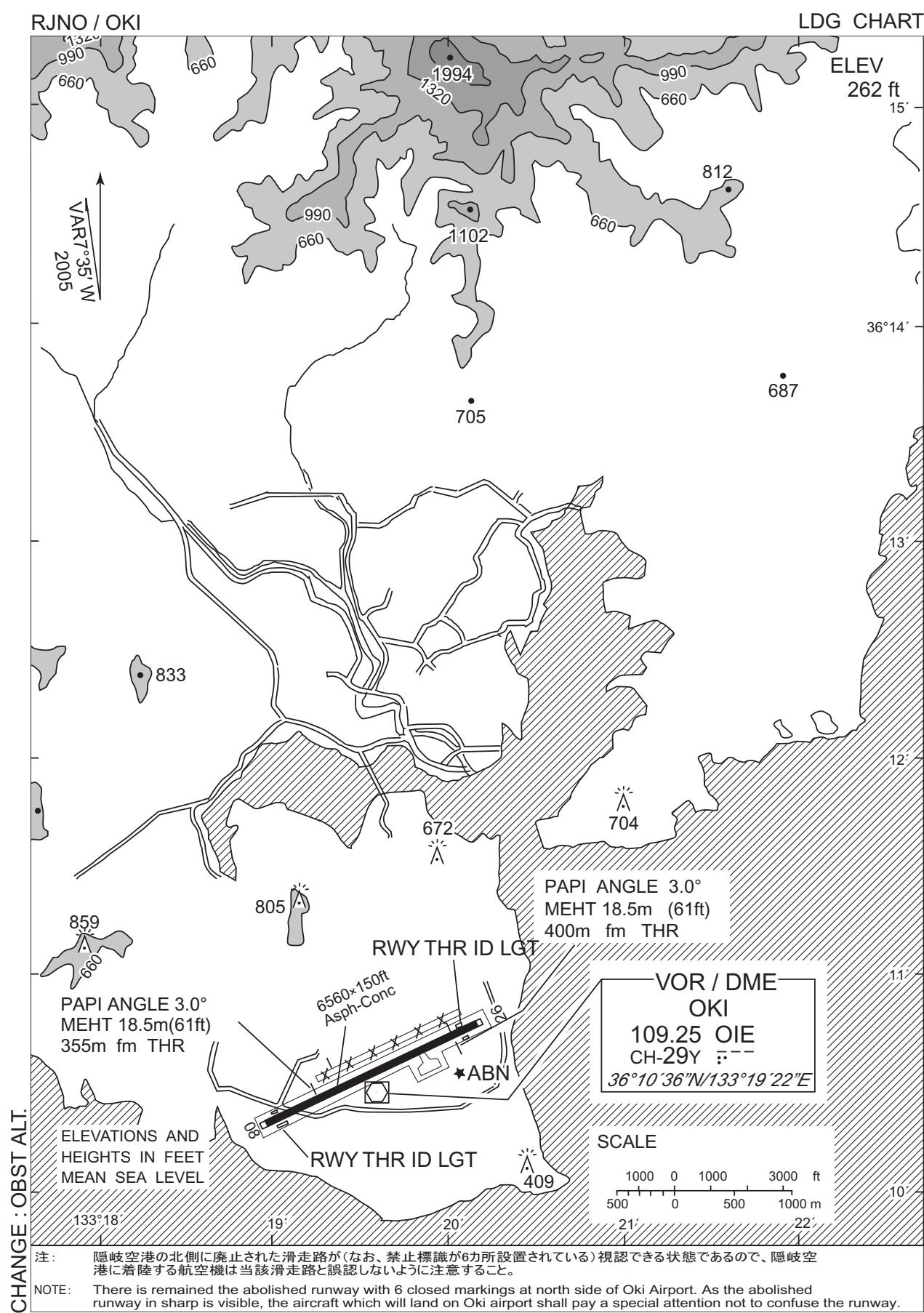
Visual REP



CHANGE : Call sign(REMOTE→RADIO).

※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)



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Minimum Vectoring Altitude CHART

