

## AD 2 AERODROMES

## RJOW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJOW - IWAMI

## RJOW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	344035N / 1314725E 105°/1km FM RWY 11 THR
2	Direction and distance from (city)	2.8NM W of MASUDA City
3	Elevation/ Reference temperature	177ft / 30°C(2003-2007)
4	Geoid undulation at AD ELEV PSN	108ft
5	MAG VAR/ Annual change	7°W(2008) / 1.3°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Shimane Pref. Public AP Iwami airport administration office. 1597, Uchida-cho, Masuda-city, Shimane, 698-0051 JAPAN Tel : 0856-24-0002 Fax : 0856-23-5491 AFS : Nil E-mail : iwamikukokanri@pref.shimane.lg.jp Web : http://www.pref.shimane.jp/
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

## RJOW AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1030
2	Customs and immigration	On request Customs: 0855-27-0366 Immigration: 0852-21-3834
3	Health and sanitation	Quarantine(human): On request(082-251-1836) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (KANSAI)
7	ATS	2300 - 1030 Remarks : Airport remote mobile communication service provided by Osaka FSC
8	Fuelling	2300 - 1030
9	Handling	2300 - 1030
10	Security	2300 - 1030
11	De-icing	2300 - 1030
12	Remarks	Nil

**RJOW AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	All the modern institutions that deal with the aircraft to B737-500
2	Fuel/ oil types	Fuel grades : JET-A-1 Oil grades : Nil
3	Fuelling facilities/ capacity	Fuel truck refueling / Not limitation
4	De-icing facilities	TYPE-4 ABC-S, TYPE-1 DF-PLUS
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**RJOW AD 2.5 PASSENGER FACILITIES**

1	Hotels	In Masuda city
2	Restaurants	At airport
3	Transportation	Busses and taxis
4	Medical facilities	In Masuda city 5km
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

**RJOW 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

**RJOW AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Snow plow x 2, Snow sweeper x 1, Rotary x 1
2	Clearance priorities	(1) RWY 11/29 (2)TWY, Apron
3	Remarks	Nil

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

1	Apron surface and strength	Surface : cement-concrete, Strength : PCN 53/R/C/X/T
2	Taxiway width, surface and strength	Width:30m, Surface : asphalt-concrete, Strength:PCN 58/F/C/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1: 344041.11N 1314746.35E 2: 344040.68N 1314748.34E 3: 344040.18N 1314750.62E
6	Remarks	Nil

**RJOW 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:11/29 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL, RWY turn pad aiming (LGT)RCLL, REDL, RTHL, RENL, RTZL(RWY11), WBAR(RWY11), Turning point indicator LGT  TWY: (Marking)TWY CL, TWY side stripe, RWY HLDG PSN (LGT)TWY edge LGT, TWY CL
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) APN flood LGT

180° turn on RWY

RWY Turn pads are installed as shown in below figure, and procedures for 180° turn on RWY is established for RWY 11 and 29 as follows:

- Proceed along the RWY Center Line to the starting point of the RWY Turn Pad Center Line Marking; then,
- proceed along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Lights 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Lights 2 on a straight line at an angle of 9 o'clock. When turning, take MAX STEERING ANGLE.



## RJOW AD 2.10 AERODROME OBSTACLES

See AD2.24 chart

In approach/TKOF areas

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

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings / LGT	Remarks
Panzer mast	343955.5N/1314634.1E	314ft	- / LIM (Red)	Obstacle near the horizontal surface
Panzer mast	343921.5N/1314637.1E	361ft	- / LIM (Red)	Obstacle above the horizontal surface
Panzer mast	343923.5N/1314739.1E	319ft	- / LIM (Red)	Obstacle near the horizontal surface
Panzer mast	343929.5N/1314850.1E	319ft	- / LIL (Red)	Obstacle near the horizontal surface

## RJOW 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	REMOTE
10	Additional information(limitation of service, etc.)	Nil

## RJOW 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
11	104.78°	2000×45	PCN 42/F/A/X/T Asphalt Concret	344043.28N 1314647.11E 108.2ft	THR ELEV : 183.7ft TDZ ELEV : 182.8ft
29	284.78°	2000×45	PCN 42/F/A/X/T Asphalt Concrete	344026.72N 1314803.07E 108.3ft	THR ELEV : 170.6ft

Slope of RWY	Strip Dimensions(M)	RESA (Overrun) Dimensions(M)	Remarks
7	10	11	14
SEE AD2.24 AD chart	2120×300	190 × (MNM:160 MAX:300)*	RWY Grooving : 2000m×30m
	2120×300	40 × (MNM:272 MAX:300)*	
		*For detail, ask airport administrator	

## RJOW AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
11	2000	2000	2000	2000	Nil
29	2000	2000	2000	2000	Nil

## RJOW 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
11	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/Left 402.2m 61ft	900m	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
29	SALS (*1) 420m LIH	Green -	PAPI 3.0°/Left 362.0m 61ft	-	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
Remarks								
10								
SALS with APCH LGT beacon (585m and 852m FM RWY 29 THR ) (*1) Overrun area edge LGT(LEN:60m Color:Red)(*2) CGL for RWY 29								

**RJOW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	ABN/IBN location, characteristics and hours of operation	ABN: 344049N/1314751E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY 11 : 330m FM RWY 11 THR, LGTD RWY 29 : 260m FM RWY 29 THR, LGTD
3	TWY edge and center line lighting	TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yelow FM RWY leaving Report point, other Green
4	Secondary power supply / switch-over time	Within 1sec : REDL, RTHL, RENL, WBAR, RCLL, Overrun area edge LGT, Turnig point indicator LGT Within 15sec : Other LGT
5	Remarks	WDI LGT

**RJOW AD 2.16 HELICOPTER LANDING AREA**

Nil
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**RJOW 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
Iwami Information Zone	Area within a radius of 5nm(9km)of Iwami ARP	3,000	E	Iwami Remote En	

**RJOW AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	Iwami Remote	122.2MHz	2300 - 1030	Remoto air-ground facilities controlled by Osaka FSC

## RJOW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

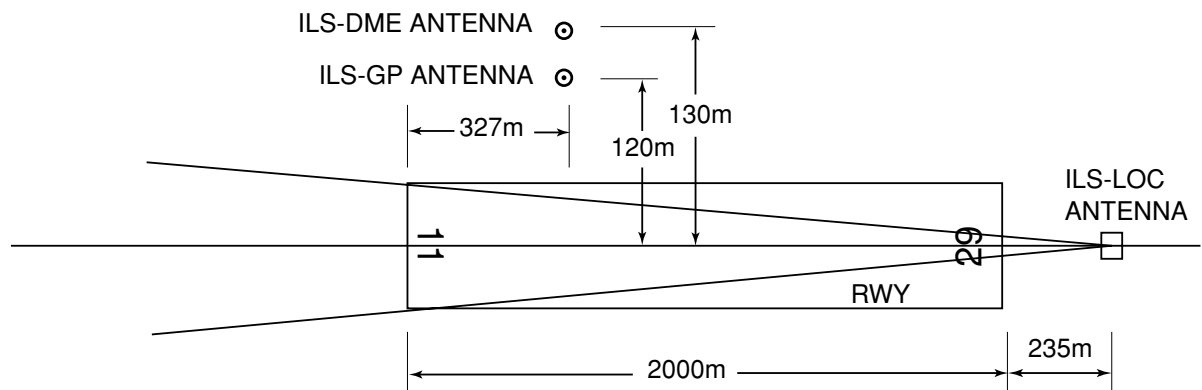
表 1 :

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 (7°W/ 2008)	IME	115.05MHz	2300- 1030	344034.48N 1314647.57E		
DME	IME	1058 MHz (CH-97Y)	2300- 1030	344034.48N 1314647.57E	228ft	
ILS-LOC 11	IWA	108.1MHz	2300- 1030	344024.80N 1314812.02E		LOC : 235m away FM RWY 29 THR, BRG (MAG) 112° LOC unusable : beyond 20° south(150Hz) side of LOC course.
ILS-GP 11	-	334.7MHz	2300- 1030	344044.37N 1314700.71E		GP : 327m inside FM RWY 11 THR, 120m N of RCL. HGT of ILS Ref datum 16.5m (54ft) GP angle 3.0. GP unusable : beyond 5° north(90Hz) side of LOC course.
ILS-DME 11	IWA	979 MHz (CH-18X)	2300- 1030	344044.68N 1314700.85E	194ft	DME : 327m inside FM RWY 11THR, 130m N of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

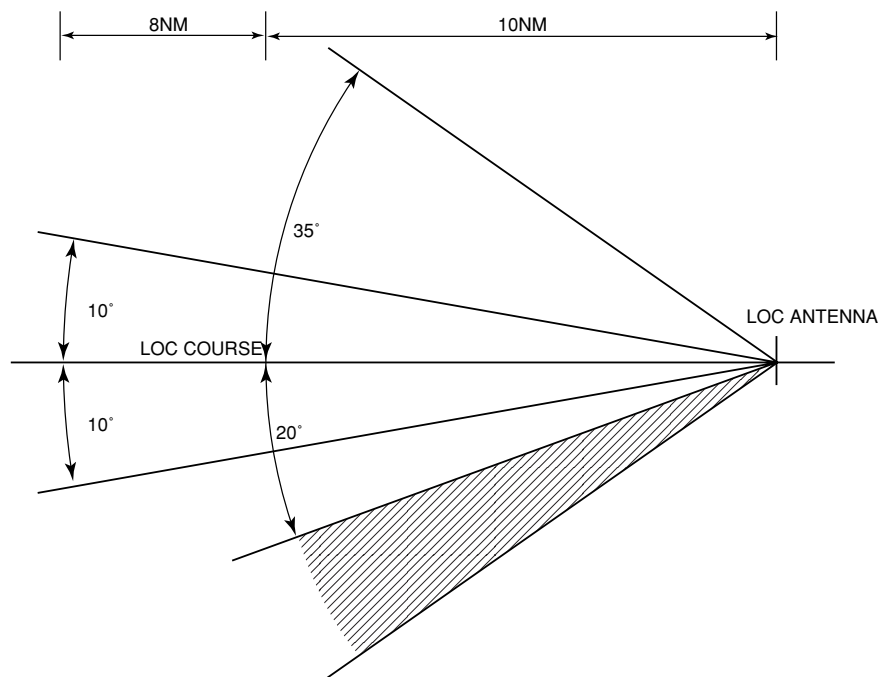


ILS

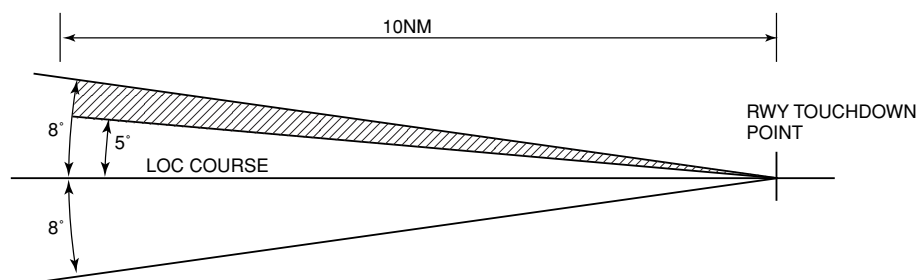
IWAMI AP



REMARKS : 1. LOC beam BRG(MAG) 112°  
 2. GP angle 3.0°  
 3. HGT of ILS REF datum 16.5m(54ft)  
 4. ELEV of ILS-DME 59.1m(194ft)



LOC unusable : Beyond 20° south (150Hz) side of LOC course.



GP unusable : Beyond 5° north (90Hz) side of LOC course.

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**RJOW AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

On use of Iwami airport, aircraft operator is required to notify Shimane Pref in advance.
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## 2. Taxiing to and from stands

Nil
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## 3. Parking area for small aircraft(General aviation)

Nil
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## 4. Parking area for helicopters

Nil
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## 5. Apron - taxiing during winter conditions

Nil
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## 6. Taxiing - limitations

Nil
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## 7. School and training flights - technical test flights - use of runways

Nil
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## 8. Helicopter traffic - limitation

Nil
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## 9. Removal of disabled aircraft from runways

Nil
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**RJOW AD 2.21 NOISE ABATEMENT PROCEDURES**

Ask AD administration
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**RJOW AD 2.22 FLIGHT PROCEDURES****TAKE OFF MINIMA**

	RWY	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAY ONLY)	
		RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP Filed	11	400m	400m	400m	400m	-	500m
	29	-	400m	-	400m	-	500m
OTHER	11	AVBL LDG MINIMA					
	29						

**RJOW AD 2.23 ADDITIONAL INFORMATION**

Ask AD administration

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

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (SAMBA)  
Standard Departure Chart - Instrument (RNAV TRANSITION)  
Instrument Approach Chart (ILS or LOC RWY11)  
Instrument Approach Chart (VOR RWY11)  
Instrument Approach Chart (VOR A)  
Instrument Approach Chart (RNAV(RNP)RWY11)  
Instrument Approach Chart (RNAV(RNP)RWY29)  
Other Chart (Visual REP)  
Other Chart(LDG CHART)  
Other Chart(MVA CHART)

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