AD 2 AERODROMES

RORS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RORS - SHIMOJISHIMA

RORS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*244936N/1250841E* 014°/1.5km from RWY 35 THR
2	Direction and distance from (city)	14km NW from Miyakojima City Office
3	Elevation/ Reference temperature	25ft / 32°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	
5	MAG VAR/ Annual change	4° W(2009) / 3.6'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Okinawa Pref. Public AP. 1739, Sawada, Irabu, Miyakojima-shi, Okinawa Pref. TEL : 0980-78-4184 FAX : 0980-78-4016
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

RORS AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1030
2	Customs and immigration	On request Customs: 0980-72-2310 Immigration: 0980-72-3440
3	Health and sanitation	On request Quarantine(human): 0980-73-5115 Quarantine(animal): 098-861-4370 Quarantine(plant): 0980-72-2433
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NAHA)
7	ATS	2300 - 1030 Remarks : 2300 - 0000 and 0730 - 1030, Airport Remote Mobile Communication Service provided by Naha FSC.
8	Fuelling	Ask AD administration
9	Handling	Ask AD administration
10	Security	Ask AD administration
11	De-icing	Nil
12	Remarks	Nil

RORS AD 2.4 HANDLING SERVICES AND FACILITIES

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

RORS AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Miyakojima city
2	Restaurants	At airport / In Miyakojima city
3	Transportation	Buses and Taxies
4	Medical facilities	Clinic 6.5km from airport
5	Bank and Post Office	Bank ATM at airport / Bank in Miyakojima city / Post office in Miyakojima city
6	Tourist Office	At airport / In Miyakojima city
7	Remarks	Nil

RORS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Fire protection ; Scale of protection ICAO required : CAT 9 Available : CAT 9
2	Rescue equipment	Chemical fire fighting truck x 3
3	Capability for removal of disabled aircraft	Incapable
4	Remarks	Nil

RORS AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RORS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Cement-concrete Strength : PCN 70/R/B/X/T
2	Taxiway width, surface and strength	Width : 30m Surface : Asphalt-concrete Strength : PCN 77/F/B/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	(Spot NR) S-1-1 *244946.83N,1250852.34E* S-1-2 *244946.24N,1250851.63E* S-2-1 *244944.09N,1250853.09E* S-2-2 *244943.49N,1250852.38E* S-3-1 *244941.35N,1250853.84E* S-3-2 *244940.75N,1250853.13E* S-5-R *244933.67N,1250853.32E* S-5-L *244935.39N,1250852.85E* S-6-R *244930.87N,1250855.73E* S-6-L *244932.38N,1250855.32E* S-7-R *244927.16N,1250855.46E* S-7-L *244928.70N,1250855.04E*
6	Remarks	Nil

RORS 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: RWY17/35 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY17) TWY: (Marking) TWY CL, TWY side stripe (LGT)TWY edge LGT,TWY CL LGT(T1-T5), RWY guard LGT(T1-T5), Taxiing guidance sign
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

RORS AD 2.10 AERODROME OBSTACLES

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

RORS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NAHA
2	Hours of service MET Office outside hours	H24 (NAHA)
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 NAHA
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	TWR / REMOTE
10	Additional information(limitation of service, etc.)	Nil

RORS 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
17	165.50°	3000×60	PCN 77/F/B/X/T Asphalt-Concrete	*245024.16N* *1250828.87E*	THR ELEV : 15.1ft
35	345.50°	3000×60	Cement-Concrete(*1)	*244849.55N* *1250854.74E*	THR ELEV : 54.4ft

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24 AD chart	3120×300 3120×300	243×491 189×(MNM:158 MAX:299)* *For detail, ask airport administrator	RWY GROOVING 3000×40m (*1)First 900m(2955ft)of RWY 17/35-rigid RWY

RORS AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
17	3000	3000	3000	3000	Nil
35	3000	3000	3000	3000	Nil

RORS 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
17	PALS (CAT-I) 900m LIH	Green Green	PAPI 3.0° /LEFT 422.6m 65.6FT	900m	3000m 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil(*1)
35	PALS 900m LIH	Green	PAPI 3.0° /LEFT 482m 65.6FT	-	3000M 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil(*1)
Remarks								
10								
Overrun area edge LGT(LEN:60m Color:Red)(*1)								

RORS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	ABN: *244848N/1250933E*, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI:Nil Anemometor: RWY 17 : 243m from RWY 17 THR, lighted RWY 35 : 242m from RWY 35 THR, lighted
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply / switch-over time	All LGT / Within 15 sec
5	Remarks	WDI LGT

RORS AD 2.16 HELICOPTER LANDING AREA

Nil

RORS 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
Shimoji CTR	Area within a radius of 5nm of SHIMOJISHIMA ARP, exculuding the area of MIYAKO CTR	3,000 or below	D	Shimoji TWR Shimoji REMOTE(1) En	(1):2300 - 0000 0730 - 1030
Sakishima ACA	See ROMY attached chart		E	Sakishima APP Sakishima DEP Sakishima Radar En	

RORS AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/ASR	Sakishima Approach/ Sakishima Radar	125.0MHz(1) 120.3MHz 121.2MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1030	(1)Primary APP service provided by Sakishima APP
DEP	Sakishima Departure	125.0MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1030	
TWR	Shimoji Tower	118.3MHz(1) 126.2MHz 121.5MHz(E) 243.0MHz(E)	0000 - 0730(*)	
GND	Shimoji Ground	121.7MHz	0000 - 0730(*)	
A/G	Shimoji Remote	118.3MHz	2300 - 0000 0730 - 1030(*)	Remote air-ground facilities controlled by Naha FSC

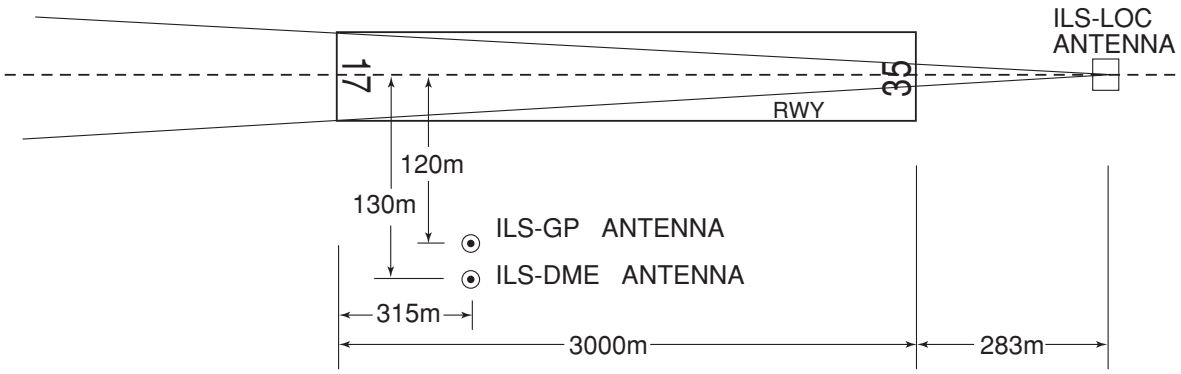
* Depending on air traffic situation, ATC service will be provided either from 2345 to 0000 or from 0730 to 0745.

RORS 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 (3°W/2008)	SJE	117.1MHz	2300 - 1030	*244918.96N/1250837.70E*		
DME	SJE	1205MHz (CH-118X)	2300 - 1030	*244918.96N/1250837.70E*	66FT	
ILS-LOC 17	ISB	111.5MHz	2300 - 1030	*244840.60N/1250857.18E*		LOC: 283m(928ft) away FM RWY 35 THR BRG 170°(MAG).
ILS-GP 17	-	332.9MHz	2300 - 1030	*245013.30N/1250827.43E*		GP: 315m(1033ft) inside FM RWY 17 THR, 120m(394ft) W of RCL. GP angle 3.0° HGT of ILS Ref datum 16.5m (54ft)
ILS-DME 17	ISB	1013MHz	2300 - 1030	*245013.20N/1250827.09E*	31FT	DME:315m(1033ft)inside FM RWY17 THR. 130m(427ft) W of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

SHIMOJISHIMA AP

ILS FOR RWY17



REMARKS :	1.LOC beam BRG(MAG)	170°
	2.HGT of ILS REF datum	16.5m(54ft)
	3.GP Angle	3.0°
	4.ELEV of ILS-DME	9.5m(31ft)

RORS AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Prior notification should be required with AD Administration for the purpose of getting the permission when crossing Shimojishima CTR from 2300UTC to 0000UTC or from 0730UTC to 1030UTC.
For further information (0000UTC - 0800UTC MON - FRI EXC HOL)
Air Traffic Controller Office, Miyako Airport Branch Office and Air Route Surveillance Rader Office
TEL: 0980-73-3764

8 時 00 分から 9 時 00 分または 16 時 30 分から 19 時 30 分までの間、下地島管制圏を通過する場合は、当該通過の許可を得るためにあらかじめ宮古空港・航空路監視レーダー事務所へ調整すること。
問い合わせ先
宮古空港・航空路監視レーダー事務所管制官事務室
（月曜日から金曜日までのうち、9 時 00 分から 17 時 00 分までの間。ただし休日を除く。）
TEL: 0980−73−3764

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

RORS AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RORS AD 2.22 FLIGHT PROCEDURES

1.TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP Filed	35	A,B,C,D	0'-400m	0'-400m	0'-400m	0'-400m	-	0'-500m
	17	A,B,C,D	200'-800m	200'-800m	200'-800m	200'-800m	-	200'-800m
OTHER	35	A,B,C,D	AVBL LDG MINIMA					
	17	A,B,C,D						

2. Lost Communication Procedures for Arrival Aircraft under radar navigational guidance

If radio communications with Sakishima Approach/Radar are lost for one minute, squawk Mode A/3 Code 7600 and ;

1. Contact Shimoji Tower.
2. If unable, proceed in accordance with visual flight rules.
3. If unable, proceed to Shimojishima VOR at the last assigned altitude, or 2,000 feet whichever is higher, and execute instrument approach.

NOTE: Procedures other than above will be issued when situation requires.

RORS AD 2.23 ADDITIONAL INFORMATION

Nil

RORS AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart- Instrument (ANNIE)
Standard Departure Chart- Instrument (BETTY)
Standard Departure Chart- Instrument (MIYAKOJIMA)
Standard Departure Chart- Instrument (PAYAO)
Standard Arrival Chart- Instrument (ANNIE, BETTY)
Standard Arrival Chart- Instrument (LUCKY-RNAV)
Instrument Approach Chart (ILS Z or LOC Z RWY17)
Instrument Approach Chart (ILS Y or LOC Y RWY17)
Instrument Approach Chart (VOR RWY17)
Instrument Approach Chart (VOR RWY35)
Instrument Approach Chart (RNAV(GNSS) RWY17)
Instrument Approach Chart (RNAV(GNSS) RWY35)
Other Chart (VISUAL REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)