AD 2 AERODROMES

RJST AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJST - MATSUSHIMA

RJST AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	382411N/1411243E
2	Direction and distance from (city)	6.6 NM W FM Ishinomaki city
3	Elevation/ Reference temperature	7ft / Nil
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	Nil
6	AD Administration, address, telephone, telefax, telex, AFS, e- mail and/or Web-site addresses	JSDF-A
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

RJST AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	Nil
3	Health and sanitation	Nil
4	AIS Briefing Office	H24
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	Nil
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJST AD 2.4 HANDLING SERVICES AND FACILITIES

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

RJST AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurants	Nil
3	Transportation	Nil
4	Medical facilities	Nil
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

RJST AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Nil
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJST AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Nil

RJST AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	To be issued later
2	Taxiway width, surface and strength	To be issued later
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJST 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:RWY07/25 (LGT)RTHL, TKOF aiming LGT TWY: (LGT) TWY edge LGT
3	Stop bars	Nil
4	Remarks	Nil

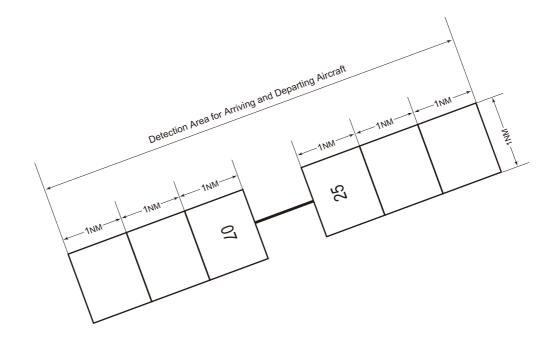
RJST AD 2.10 AERODROME OBSTACLES

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

RJST AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

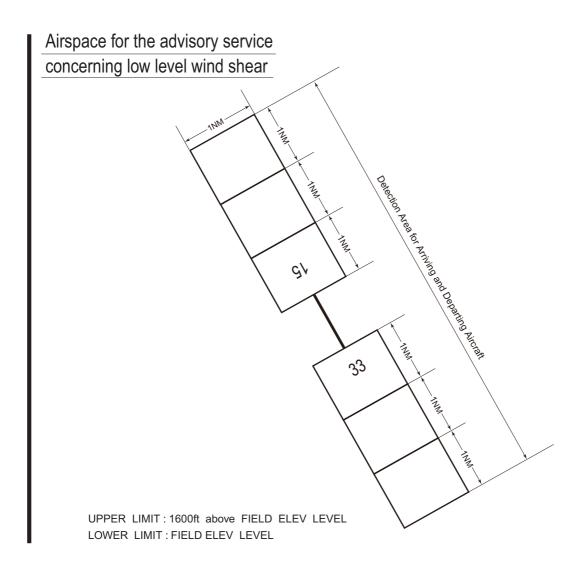
1	Associated MET Office	MATSUSHIMA
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Nil
6	Flight documentation Language(s) used	Ja,En
7	Charts and other information available for briefing or consultation	S,U
8	Supplementary equipment available for providing information	Doppler Radar for Airport Weather (See below figure)
9	ATS units provided with information	Nil
10	Additional information(limitation of service, etc.)	Nil

Airspace for the advisory service concerning low level wind shear



UPPER LIMIT: 1600ft above FIELD ELEV LEVEL

LOWER LIMIT: FIELD ELEV LEVEL



RJST 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
07	To be issued	2700×45	SW26300kg	Nil	Nil
25	Later	2700×45	(58000lbs)	Nil	Nil
15		1500×45	DW65100kg	Nil	Nil
33		1500×45	(143500lbs)	Nil	Nil
			Concrete		
			Strip		
		Dim	nensions		
Slope o	of RWY	(M)		Remarks	
7		10		12	
Nil		3300×450		Nil	
Nil		33	00×450		
Nil		1620×200			
Nil		1620×200			

RJST AD 2.13 DECLARED DISTANCES

RWY Designa-	TORA	TODA	ASDA	LDA	
tor	(m)	(m)	(m)	(m)	Remarks
1	2	3	4	5	6

RJST 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	
07	AVBL		PAPI 3.0° (*1) 43ft						
25			PAPI 3.0° (*2) 38ft						
15									
33									
				Remarks					
10									
(*1)879ft from RWY07 APCH END and 51ft S side from RWY edge (*2)784ft from RWY25 APCH END and 51ft S side from RWY edge RWY THR ID LGT for RWY07 THR(Color:White)									

RJST AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 382459N/1411314E, Altn Gp Flg(3) WWG ev 10sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI:LGTD
3	TWY edge and centerline lighting	TWY edge LGT:AVBL
4	Secondary power supply/switch- over time	Nil
5	Remarks	WDI LGT, OBST LGT

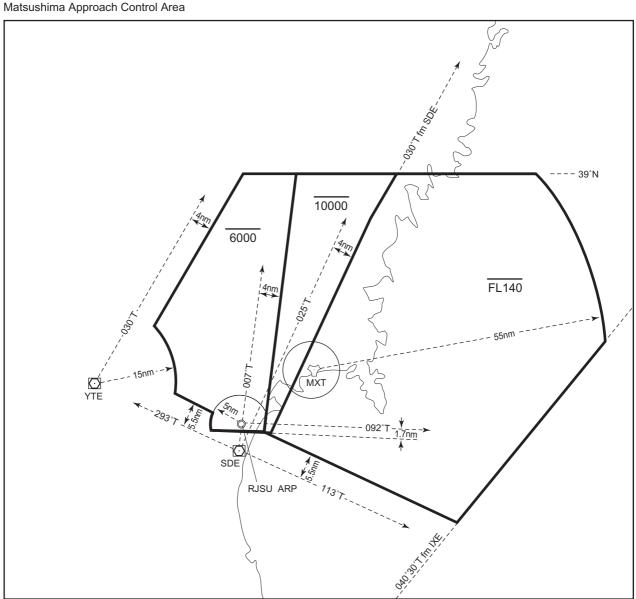
RJST AD 2.16 HELICOPTER LANDING AREA

Nil

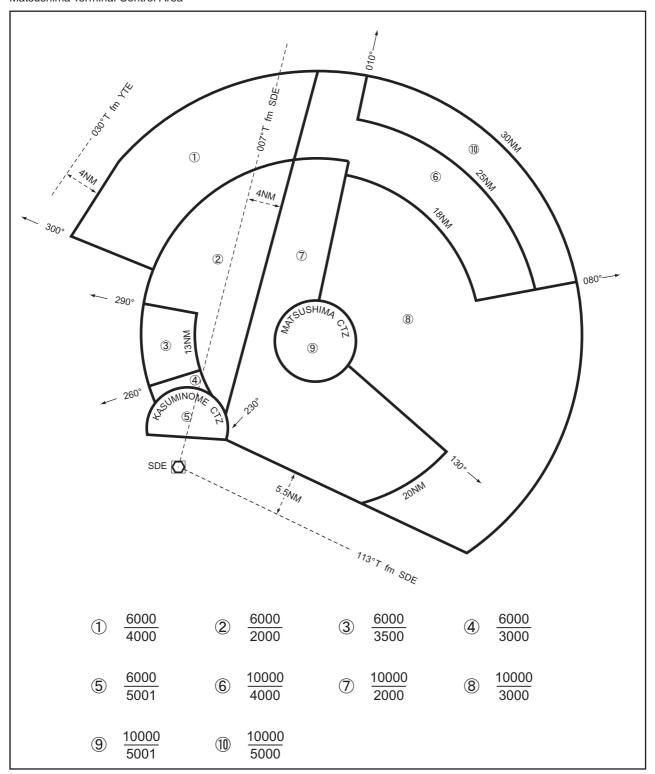
RJST AD 2.17 ATS AIRSPACE

ı	Designation and lateral limits	Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
	1	2	3	4	6
MATSUSHIMA CTR	Area within a radius of 5nm of MATSUSHIMA ARP(38°24'N141°13'E)	5.000 or below	D	MATSUSHIMA TOWER	
MATSUSHIMA ACA	See below Figure		E		
MATSUSHIMA TCA	See below Figure		Е		

松島進入管制区 Matsushima Approach Control Area



松島ターミナルコントロールエリア Matsushima Terminal Control Area



RJST AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/ASR	Matsushima	261.2MHz	H24	
	Approach/	120.1MHz		
	Matsushima Radar	315.0MHz		
		243.0MHz(E)		
		121.5MHz(E)		
TWR	Matsushima Tower	236.8MHz	H24	
		126.2MHz		
		304.6MHz		
		138.05MHz(1)		(1)For rescue only.
		247.0MHz(1)(2)		(2)AVBL on request.
		123.1MHz(1)		
		243.0MHz(E)		
		121.5MHz(E)		
DEP	Matsushima	362.3MHz	H24	
	Departure	120.1MHz		
GCA-ASR	Matsushima	335.6MHz	H24	ASR/PAR RWY 07/25.
-PAR	Radar	270.8MHz		
		134.1MHz		Maintenance period
		125.3MHz		2300 - 0300 SAT in VMC.
		307.0MHz		
		315.0MHz		Glide path 3.0° RWY 07.
		300.7MHz		Glide path 3.0° RWY 25.
		316.0MHz		
		238.8MHz		
		302.4MHz		
		243.0MHz(E)		
		121.5MHz(E)		
GND	Matsushima Ground	275.8MHz	H24	
TCA	Matsushima TCA	123.85MHz	2300 - 1100 (EXC SAT and SUN)	

RJST AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
TACAN	MXT	1177MHz (CH-90X)	H24	382414N/1411332E		Unusable: 050°-060° beyond 30nm BLW 5,000ft. 060°-070° beyond 31nm BLW 5,000ft. 070°-080° beyond 29nm BLW 4,000ft. 080°-090° beyond 33nm BLW 4,000ft. 090°-100° beyond 28nm BLW 4,000ft. 100°-110° beyond 32nm BLW 4,000ft.

RJST AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airp	port regulations						
	RWY 15/33 CLSD for JET TYPE ACFT during night except emergency.						
2. Taxi	iing to and from stands						
	Nil						
3. Parl	king area for small aircraft(General aviation)						
	Nil						
4. Parl	king area for helicopters						
	Nil						
5. Apr	on - taxiing during winter conditions						
	Nil						
6. Taxi	iing - limitations						
	Nil						
7. Sch	nool and training flights - technical test flights - use of runways						
	Nil						
8. Heli	icopter traffic - limitation						
	Nil						
9. Ren	noval of disabled aircraft from runways						
	Nil						
	RJST AD 2.21 NOISE ABATEMENT PROCEDURES						
	Nil						

RJST AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	REDL	AVBL	REDL OUT		
	KVVI	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	
TKOF ALTN	07	300′-1600m	300′-1600m	-	300′-1600m	
AP FILED	25	300′-1600m	300′-1600m	-	300′-1600m	
OTHER	07	AVBL LDG MINIMA				
OTTLER	25		AVBL LDC	3 WIINIWA		

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

PAR R	WY 07				PAR RWY 25				
MINIMA THR ELEV:6 AD ELEV:7						THR	ELEV:6	AD ELEV:7	
CIRCLING				LING				CIRC	LING
CAT	DA(H)	RVR/ CMV	MDA(H)	VIS	CAT	DA(H)	RVR/ CMV	MDA(H)	VIS
Α				1600	Α				1600
В	250(244) 750		700(693)	1600	В	250(244)	800	700(693)	1000
С	230(244)	730	700(093)	2400	С	230(244)	800	700(693)	2400
D				3200	D				3200

ASR R	ASR RWY 07					ASR RWY 25				
MINIMA	MINIMA THR ELEV:6 AD ELEV:7					MINIMA THR ELEV:6 AD ELEV:7				
CIRCLING							CIRC	LING		
CAT	MDA(H)	RVR/ CMV	MDA(H)	VIS	CAT	MDA(H)	RVR/ CMV	MDA(H)	VIS	
Α		1000		1600	Α		1500		1600	
В	600/503)	1200	700(693)	1600	В	500(493)	1500	700(603)	1600	
С	600(593)	1200	700(093)	2400	С	500(493)	1800	700(693)	2400	
D		1600		3200	D		2000		3200	

3. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with MATSUSHIMA Radar are lost for 1 minute in the pattern or 5 seconds (PAR)/15 seconds (ASR) on final approach, squawk Mode A/3 Code 7600 and ;

- (I) 1. Contact MATSUSHIMA Radar /Tower.
 - 2. If unable, proceed in accordance with visual flight rules.
 - 3. If unable, proceed to TACAN IAF at last assigned altitude or 4,000 feet whichever is higher, and execute TACAN approach.
- (II) Procedures other than above will be issued when situation required.

4. Automated Radar Terminal System (ARTS)

When instructed by ATC, aircraft flying in and out of Matsushima approach control area in principle will reply on 4096 Code (Mode A/3) with automatic altitude reporting capability (Mode C); Aircraft not equipped with the said transponder shall report ATC to that effect.

松島進入管制区を航行する航空機は、管制機関の指示があった場合、原則として自動高度通報機能を有する4096コードによる応答装置を作動させること。上記指示を受けた当該応答装置を有しない航空機は、管制機関に対しその旨を通報すること。

RJST AD 2.23 ADDITIONAL INFORMATION

Woods 700ft FM APCH end of RWY33.

RJST AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument-1

Standard Departure Chart - Instrument-2

Standard Departure Chart - Instrument-3

Standard Departure Chart - Instrument-4

Instrument Approach Chart-1 (TACAN NR.1)

Instrument Approach Chart-2 (TACAN NR.2)

