

AD 2 AERODROMES

RJFU AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFU - NAGASAKI

RJFU AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	325501N/1295449E
2	Direction and distance from (city)	18Km (9.7nm) NNE of Nagasaki railway station, 4km (2.2nm) W of Omura railway station.
3	Elevation/ Reference temperature	8ft / 33°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	105.89ft
5	MAG VAR/ Annual change	7° W (2008) / Annual change 2' W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism Nagasaki Airport, 593-2 Mishima-cho, Omura City, Nagasaki Pref. Tel: 0957(53)6901 Fax: 0957(54)4539 AFS: RJFUZYX
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

RJFU AD 2.3 OPERATIONAL HOURS

1	AD Administration	2200 - 1300
2	Customs and immigration	Customs: 2330-0815 Immigration: INTL SKED FLT hours only
3	Health and sanitation	Quarantine(human, plant): INTL SKED FLT hours only Quarantine(animal): 2330-1100
4	AIS Briefing Office	2200 - 1300
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	2200 - 1300
8	Fuelling	2200 - 1300
9	Handling	DOM/JAL:2240-1240, ANA:2200-1230, ORC:2200-0910 INTL/2330-0800
10	Security	2130 - 1200
11	De-icing	Nil
12	Remarks	Nil

RJFU AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	No limitation
2	Fuel/ oil types	Fuel Grades : JET A-1 Oil Grade : W80, W100, AERO80, AERO100
3	Fuelling facilities/ capacity	Fuel Truck Refueling, No limitation
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJFU AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city
2	Restaurants	Available, Not Continuous
3	Transportation	Buses, Taxies and Ships
4	Medical facilities	Hospitals in the city
5	Bank and Post Office	Bank in the city. Post office in the city.
6	Tourist Office	Tourist Office in the city
7	Remarks	Nil

RJFU AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 9
2	Rescue equipment	Chemical fire fighting truck x 3, Water supply truck x 1, Lighting power supply truck x 1, Emergency medical equipments conveyance truck x 1
3	Capability for removal of disabled aircraft	B744
4	Remarks	Nil

RJFU AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	
2	Clearance priorities	1.RWY 2.TWY 3.APRON
3	Remarks	Seasonal availability:ALL seasons

RJFU AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Surface Concrete, Asphalt Concrete in part. Strength : PCN 56/R/A/X/T spot NR 2 PCN 52/R/B/X/T spot NR 3 PCN 56/R/B/X/T spot NR 5 PCN 50/R/A/X/T spot NR 6 PCN 62/R/B/X/T spot NR 7, 8, 9, 10 PCN 74/R/B/X/T spot NR 11, 12, 14
2	Taxiway width, surface and strength	Width : B2.....9m P1 - P5.....23m T1, T6.....28.5m T2, T3, T4, T5....34m Surface : Asphalt Concrete Strength : B2.....PCN 5/F/C/X/T P1, P3, P4, T1...PCN 65/F/A/X/T P5, T6.....PCN 97/F/C/X/T T2, T3, T4, T5....PCN 54/F/A/X/T P2.....PCN 62/R/B/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 5 : 325447.08N/1295522.18E* 6 : 325448.42N/1295520.75E 7 : 325449.91N/1295519.11E 8 : 325451.60N/1295517.31E 9 : 325453.29N/1295515.51E 10 : 325454.98N/1295513.71E 11 : 325456.73N/1295511.84E 12 : 325458.53N/1295509.91E
6	Remarks	Nil

RJFU 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	ACFT stand ID signs: SPOT 2, 5-9
2	RWY and TWY markings and LGT	<p>RWY14/32: (Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY32), WBAR(RWY32), RWY DIST marker LGT</p> <p>TWY: T1 - T6 (Marking) TWY CL, RWY HLDG PSN, Mandatory Instructions, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, RWY guard LGT, Taxiing guidance sign</p> <p>TWY: P1, P3, P4, P5 (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT</p> <p>TWY: P2 (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign</p> <p>TWY: B2 (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, Taxiing guidance sign</p>
3	Stop bars	Nil
4	Remarks	<p>(Marking) Overrun area (LGT) Apron flood LGT</p>

RJFU AD 2.10 AERODROME OBSTACLES

■ In Area2 See Obstacle data

■ In Area3 To be developed

RJFU AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
3	Office responsible for TAF preparation Periods of validity	FUKUOKA 30 Hours
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
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 , P _s , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), U ₂ /Tr, 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, APP, ATIS
10	Additional information(limitation of service, etc.)	Nil

RJFU 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
14	138.00°	3000x60	PCN 65/F/A/X/T Asphalt Concrete	325537.28N 1295409.77E 105.8ft	THR ELEV: 14ft
32	318.00°	3000x60	PCN 65/F/A/X/T Asphalt Concrete	325424.91N 1295527.04E 106.0ft	THR ELEV: 15ft
Slope of RWY		Strip Dimen- sions(M)	RESA (Overrun) Dimensions (M)		Remarks
7		10	11		14
See below chart		3120x300	40x300		RWY 14 grooving: 3000 x 40m
See below chart		3120x300	190x(MNM:120 MAX:300)* *For detail, ask airport administrator		RWY 32 grooving: 3000 x 40m

RWY 14 **RWY 32**

14ft 11ft 8ft 8ft 9ft 8ft 15ft

0.22% 0.12% 0.01% 0.01% 0.03% 0.33%

0m 451.5m 1120m 1500m 2060m 2360m 3000m

RJFU AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14	3000	3000	3000	3000	Nil
32	3000	3000	3000	3000	Nil

RJFU 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
14	SALS (*1) 420m LIH	Green -	PAPI 3.0°/LEFT 471m 74ft	-	3000m 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
32	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/LEFT 444m 65ft	900m	3000m 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
Remarks								
10								
SALS with APCH LGT beacon(600m and 900m FM RWY THR)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2)								

RJFU AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

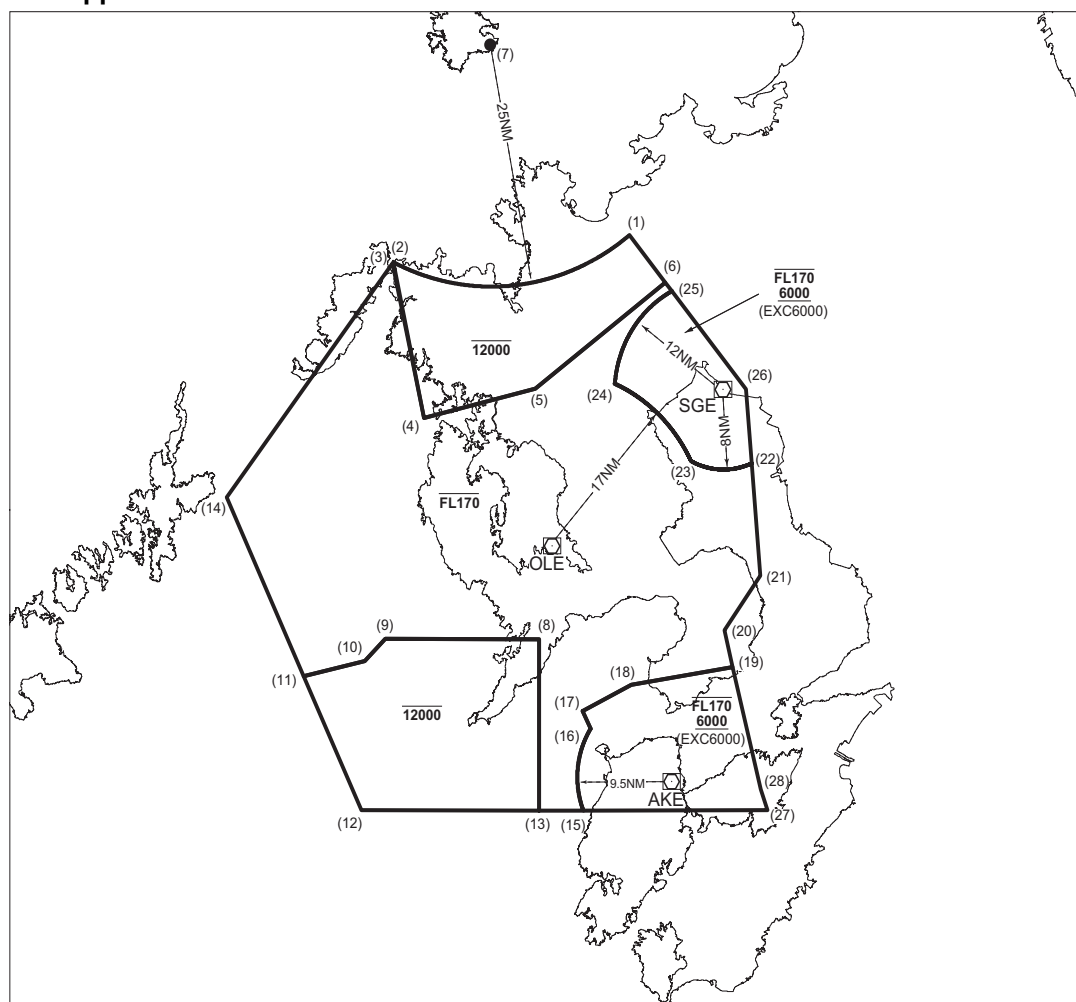
1	ABN/IBN location, characteristics and hours of operation	ABN: 325428N/1295457E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY 32 : 438m from RWY 32 THR, LGTD RWY 14 : 430m from RWY 14 THR, LGTD
3	TWY edge and centerline lighting	TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yellow FM RWY leaving Report point, other Green
4	Secondary power supply/ switch-over time	Within 1 sec : REDL, RENL, RTHL, WBAR, RCLL, Overrun area edge LGT Within 15 sec : Other LGT
5	Remarks	WDI LGT

RJFU AD 2.16 HELICOPTER LANDING AREA

Nil

RJFU AD 2.17 ATS AIRSPACE

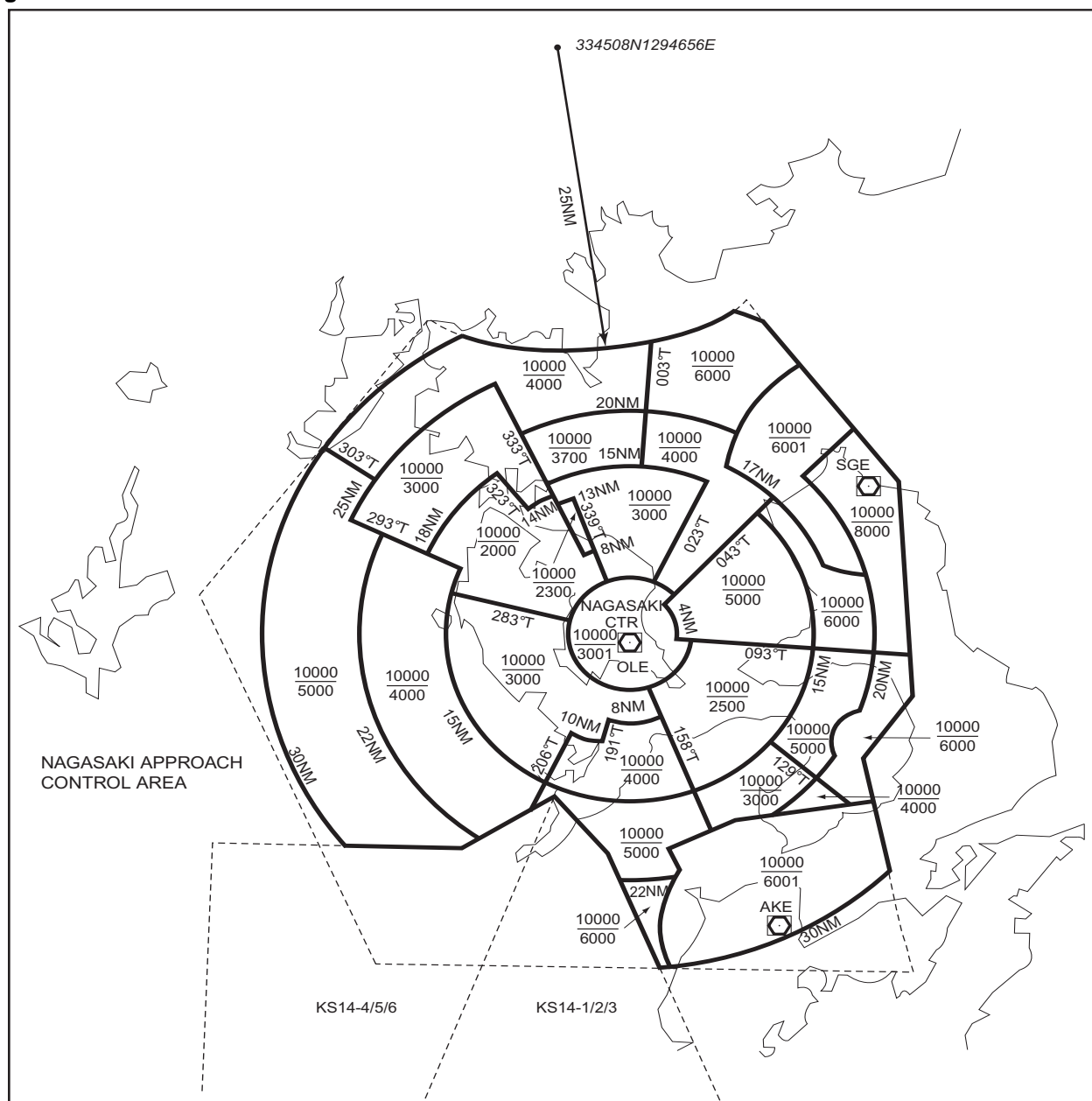
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
NAGASAKI CTR	Area within a radius of 5 nm of NAGASAKI ARP (325501N1295449E)	3,000 or below	D	NAGASAKI TWR En	
NAGASAKI ACA	See attached chart		E	NAGASAKI APP NAGASAKI RADAR NAGASAKI DEP En	
NAGASAKI TCA	See attached chart		E	NAGASAKI TCA En	

長崎進入管制区
Nagasaki Approach Control Area

Point list

(1) 332519N1300516E	(11) 323917N1292246E	(21) 324950N1302218E
(2) 332227N1293413E	(12) 322522N1293021E	(22) 330132N1302113E
(3) 332219N1293406E	(13) 322522N1295325E	(23) 330147N1301316E
(4) 330615N1293818E	(14) 325752N1291235E	(24) 330951N1300318E
(5) 330921N1295252E	(15) 322522N1295913E	(25) 331929N1301048E
(6) 332024N1300955E	(16) 323353N1300008E	(26) 330915N1302028E
(7) 334508N1294656E	(17) 323544N1295905E	(27) 322522N1302306E
(8) 324312N1295325E	(18) 323828N1300526E	(28) 322734N1302215E
(9) 324312N1293323E	(19) 324018N1301840E	
(10) 324053N1293041E	(20) 324407N1301735E	

長崎ターミナルコントロールエリア
Nagasaki Terminal Control Area

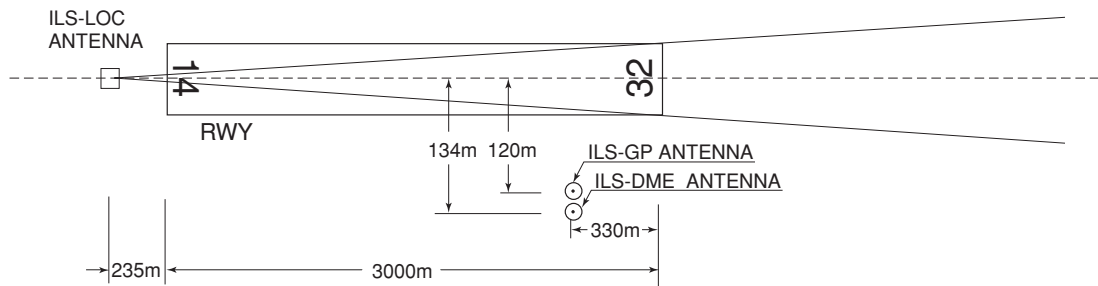


RJFU AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Nagasaki Approach	119.175MHz(1) 261.2MHz	2200 - 1300	(1)Primary
ASR	Nagasaki Radar	121.5MHz(E) 243.0MHz(E) 119.175MHz 121.025MHz 261.2MHz	2200 - 1300	
DEP	Nagasaki Departure	121.5MHz(E) 243.0MHz(E) 121.0MHz 261.2MHz	2200 - 1300	
TCA	Nagasaki TCA	121.175MHz 245.3MHz	2300 - 1030	
TWR	Nagasaki Tower	118.5MHz 126.2MHz 122.7MHz 236.8MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	
GND	Nagasaki Ground	121.6MHz	2200 - 1300	
ATIS	NAGASAKI Airport	126.85MHz	2200 - 1300	

RJFU 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 (7°W/2006)	OLE	116.6MHz	H24	325418.89N/ 1295504.73E		Unusable : 030°-045° beyond 25nm BLW 6,000ft 046°-085° beyond 20nm BLW 6,000ft 115°-125° beyond 30nm BLW 7,000ft 160°-170° beyond 30nm BLW 5,000ft 171°-230° beyond 20nm BLW 4,000ft 260°-300° beyond 25nm BLW 4,000ft
DME	OLE	1200 MHz (CH-113X)	H24	325418.89N/ 1295504.73E	154ft	
ILS-LOC 32	IOL	110.9MHz	2200 - 1300	325542.95N/ 1295403.71E		LOC : 235m(771ft) away FM RWY 14THR, BRG(MAG)325°.
ILS-GP 32	-	330.8MHz	2200 - 1300	325430.22N/ 1295515.11E		GP : 330m(1084ft) inside FM RWY 32 THR. 120m SW of RCL. HGT of ILS Ref datum 16.2m(53ft). GP Angle 3.0°.
ILS-DME 32	IOL	1007MHz (CH-46X)	2200 - 1300	325429.87N/ 1295514.76E	25ft	DME : 330m(1084ft) inside FM RWY 32 THR, 134m(439ft) SW of RCL.
MSAS		1575.42M Hz	H24			Transmitting antennas are satellite based.

ILS

REMARKS : 1. LOC beam BRG(MAG) 325°
 2. HGT of ILS REF datum 16.2m (53ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 7.6m (25ft)

RJFU AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Without prior permission of the airport administrator, the transient aircraft shall not use on this airport.

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Unable to stay at spot NR 2B, C, D from sunset to sunrise. Ask AD administration for detail.

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Wing tip clearance at the TWY intersection (REF AD1.1.6.8)

Wing tip clearance at the TWY intersection between the aircraft holding at the stop marking on the TWY and the other aircraft taxiing behind it are as follows.

When B74D holding at the stop marking on TWY T2 or T5

Wing span (WS) of aircraft taxiing on TWY P1-P2 or P4-P5	WS ≤19.4m	19.4m < WS ≤ 36.4m	WS >36.4m
wing tip clearance	*A	*B	*C

Legend

*A : wing tip clearance ≥ 15m

*B : 6.5m ≤ wing tip clearance < 15m

*C : wing tip clearance < 6.5m

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

On use of this airport by training operation, the operator is required to arrange and obtain the prior permission of the airport administrator.

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJFU AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJFU AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	14	A,B,C,D	-	400m	-	400m	-	500m
	32		400m	400m	400m	400m	-	500m
OTHER	14	A,B,C,D	AVBL LDG MINIMA					
	32							

2. Lost communication procedures for Arrival Aircraft under radar navigational guidance.

If radio communications with NAGASAKI Approach/Radar are lost for 30 seconds, squawk Mode A/3 Code 7600 and :

- (I)
1. Contact NAGASAKI Tower.
 2. If unable, proceed in accordance with Visual Flight Rules.
 3. If unable, proceed to NAGASAKI VOR/DME at last assigned altitude or 4,000 feet whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation required.

3. Trajectorized Airport Traffic Data Processing System (TAPS)

Aircraft flying under control of Nagasaki approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft with non-discrete capability be instructed to reply with the discrete code, it shall report a controller accordingly.

長崎アプローチの指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対しその旨通報すること。

RJFU AD 2.23 ADDITIONAL INFORMATION

Nil

RJFU AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Aerodrome Obstacle Chart -ICAO type A (RWY 14/32)
Aerodrome Obstacle Chart -ICAO type B
Standard Departure Chart - Instrument (NORTH)
Standard Departure Chart - Instrument (WEST)
Standard Departure Chart - Instrument (SOUTH)
Standard Departure Chart - Instrument (NAGASAKI REVERSAL)

Standard Departure Chart - Instrument (CHIKUGO-RNAV)
Standard Arrival Chart - Instrument (RNAV)
Instrument Approach Chart (ILS Z or LOC Z RWY 32)
Instrument Approach Chart (ILS Y or LOC Y RWY 32)
Instrument Approach Chart (RNAV(GNSS) RWY 14)
Instrument Approach Chart (VOR RWY 32)
Instrument Approach Chart (VOR RWY 14)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (HOLDING PATTERN)
Other Chart (MVA CHART)