AD 2 AERODROMES

RJSC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJSC - YAMAGATA

RJSC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*382443N 1402216E* 006°/ 1.0km from RWY 01 THR
2	Direction and distance from (city)	10.2nm NNE from Yamagata city
3	Elevation/ Reference temperature	345ft / 30 ℃ (2004-2008)
4	Geoid undulation at AD ELEV PSN	135ft
5	MAG VAR/ Annual change	8°W（2016）/0°E
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Yamagata Airport Office(Yamagata Pref) 3008 Kashiwabarashinrin Hanyuu Higashine-shi Yamagata 999-3776 Japan Tel: 0237-48-1313 Fax: 0237-48-1659 e-mail:yyamakuko@pref.yamagata.jp Web-site: http://www.pref.yamagata.jp/
7	Types of traffic permitted (IFR/ VFR)	IFR/VFR
8	Remarks	Yamagata Airport Branch(CAB) 3008, Shinrin, Aza-Kashiwabara, Oaza-Hanyu, Higashine-shi, Yamagata Pref. Tel: 0237-48-1118

RJSC AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1100
2	Customs and immigration	On request Customs: 023-641-0504 Immigration: 0234-22-2746
3	Health and sanitation	On request Quarantine(human): 022-367-8101 Quarantine(animal): 022-383-2302 Quarantine(plant): 022-362-6916
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (SENDAI)
7	ATS	2300 - 1100
8	Fuelling	2300 - 1100
9	Handling	2300 - 1100
10	Security	2300 - 1100
11	De-icing	Nil
12	Remarks	Nil

RJSC AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	2t-forklift car x 1, 7m-belt loading car x 2, Available up to only bulk loading aircraft.
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Fuel truck / 200kl(JET A-1)
4	De-icing facilities	De-icing car
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJSC AD 2.5 PASSENGER FACILITIES

1	Hotels	around Airport
2	Restaurants	At Airport
3	Transportation	Airport Shuttle(Reservation required) and Taxi
4	Medical facilities	Hospital in Higashine city 6km
5	Bank and Post Office	Bank in Higashine city, Post Office in Higashine city
6	Tourist Office	Tourist Office in Higashine city
7	Remarks	Nil

RJSC 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
3	Capability for removal of disabled aircraft	A300,B767
4	Remarks	Nil

RJSC AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Snow remove equipments: truck x 10 , rotary x 3 , dozer x 1
2	Clearance priorities	RWY , TWY , Apron (The same)
3	Remarks	Nil

RJSC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Apron : Surface:cement-concrete, Strength: PCN 53/R/C/X/T Small ACFT Apron: Surface:asphalt-concrete, Strength: AUW5,700kg/0.28Mpa
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:*382435.52N 1402201.11E* 1-1:*382436.27N 1402201.52E* 2:*382437.31N 1402201.73E* 3:*382439.26N 1402201.81E* 5:*382441.02N 1402201.68E*
6	Remarks	Nil

RJSC 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:01/19 (Marking) RWY designation, RWY CL, RWY THR, TDZ, RWY side stripe, Aiming point, RWY turn pad edge, RWY turn pad CL, RWY turn pad aiming (LGT) RCLL, REDL, RTHL, RENL, RTZL(FOR RWY01), WBAR(FOR RWY01), RWY DIST marker LGT, Turning point indicator LGT TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe marking (LGT) TWY edge LGT, TWY CL LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

180˚ turn on RWY

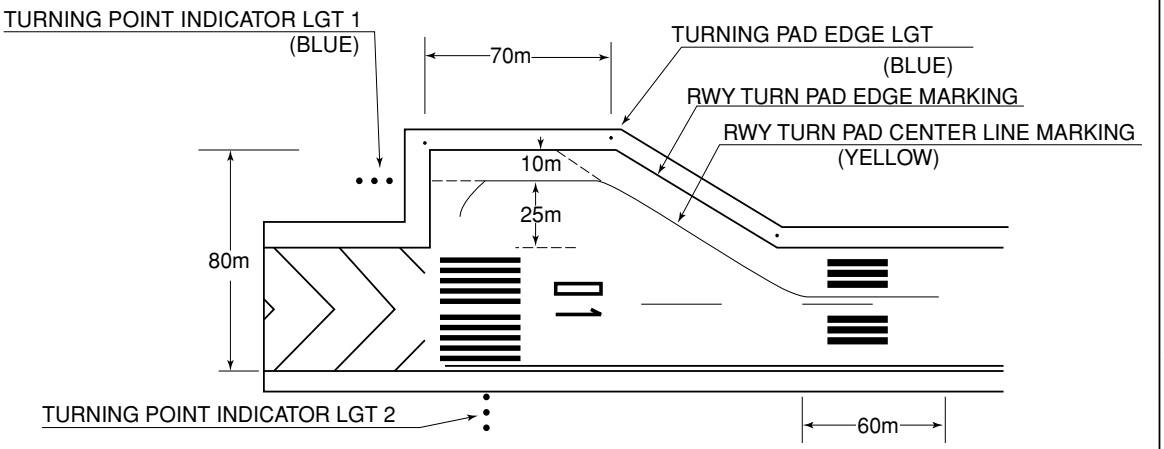
B-767型機の滑走路180˚転回実施要領

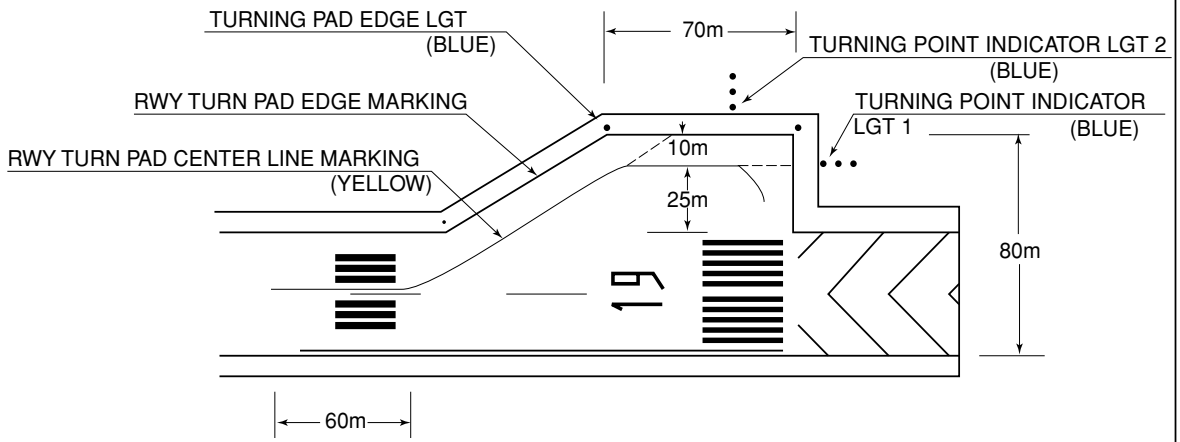
1. 滑走路中心線からターニングパッド中心線標識に従って進行する。
2. 転回灯1が一直線に見えるように進行し、転回灯 2 が一直線に見えた時転回を開始する。転回時はMAX STEERING ANGLEを使用する。

Procedure of 180˚ turn on RWY for B-767 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.

YAMAGATA AP





RJSC AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJSC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	SENDAI
2	Hours of service MET Office outside hours	H24 (SENDAI)
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 SENDAI
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	RADIO
10	Additional information(limitation of service, etc.)	Nil

RJSC 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
01	006.57°	2000×45	PCN 58/F/C/X/T Asphalt Concrete	*382410.61N* *1402212.06E* 135.4FT	THR ELEV: 346.9ft TDZ ELEV: 346.9ft
19	186.57°	2000×45	PCN 58/F/C/X/T Asphalt Concrete	*382515.04N* *1402221.52E* 135.4FT	THR ELEV: 353ft

Slope of RWY	Strip Dimensions(M)	RESA (Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24 AD chart	2120×300 2120×300	152 × (MNM:157 MAX:300)* 83 × (MNM:287 MAX:300)* *For detail, ask airport administrator	RWY grooving : 2000m×30m

RJSC AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2000	2000	2000	2000	Nil
19	2000	2000	2000	2000	Nil

RJSC 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
01	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0° /Left 410m 61ft	900m	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
19	SALS (*1) 420m LIH	Green Nil	PAPI 3.0°/Left 386.7m 61ft	Nil	2000m 30m Coded color (White/Red) LIH	2000m 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) CGL for RWY 19								

RJSC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN : *382445N/1402156E*, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometor : RWY01 : On the north side of 170m FM RWY01 THR, LGTD RWY19 : On the north side of 30m FM RWY19 THR, LGTD
3	TWY edge and center line 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 1sec : REDL, RCLL, RTHL, RENL, WBAR, Turning point indicator LGT, Overrun area edge LGT Within 15sec : Other LGT
5	Remarks	WDI LGT

RJSC AD 2.16 HELICOPTER LANDING AREA

Nil

RJSC AD 2.17 ATS AIRSPACE

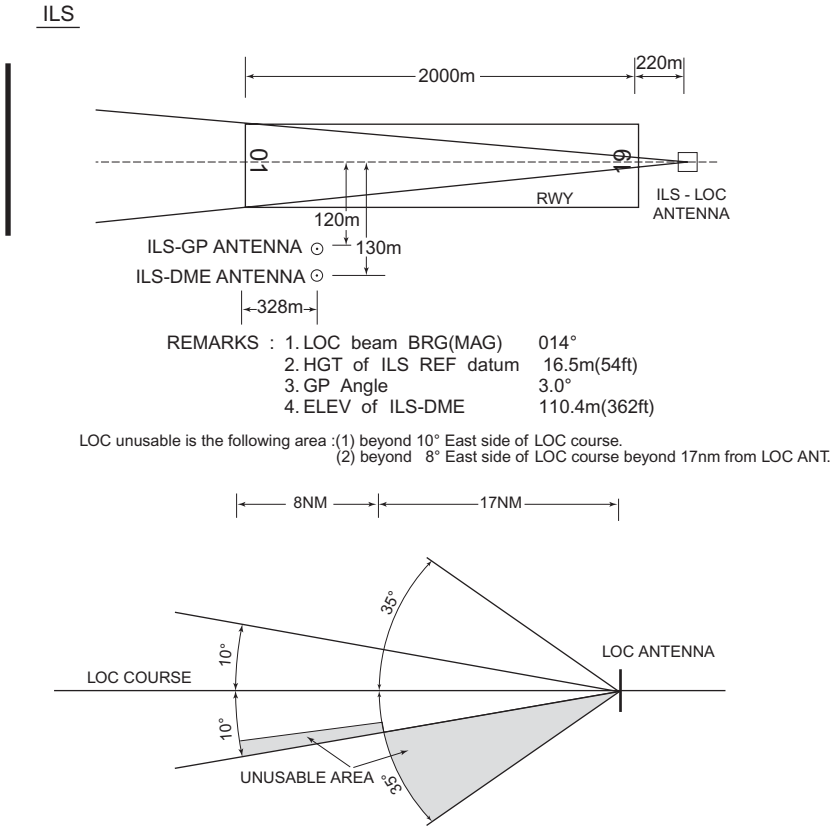
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Yamagata Information zone	Area within a radius of 9km(5NM) of ARP	3000 or below	E	Yamagata radio En	

RJSC AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	Yamagata Radio	122.7MHz(1) 126.2MHz 243.0MHz(E)	2300 - 1100	(1)Primary

RJSC 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 transmit-ting antenna	Remarks
1	2	3	4	5	6	7
VOR (8°W/2016)	YTE	113MHz	H24	*382319.04N 1402128.63E*		VOR/DME Unusable: 030°-040° beyond 35nm BLW 8000ft. 040°-060° beyond 25nm BLW 8000ft. 060°-070° beyond 15nm BLW 8000ft. 070°-080° beyond 15nm BLW 7000ft. 080°-110° beyond 20nm BLW 7000ft. 110°-150° beyond 15nm BLW 7000ft. 150°-160° beyond 25nm BLW 9000ft. 160°-170° beyond 30nm BLW 9000ft. 170°-180° beyond 25nm BLW 9000ft. 250°-260° beyond 35nm BLW 9000ft. 260°-270° beyond 35nm BLW 8000ft. 300°-320° beyond 30nm BLW 9000ft. 320°-330° beyond 20nm BLW 9000ft. 330°-340° beyond 30nm BLW 10000ft.
DME	YTE	1164MHz (CH-77X)	H24	*382319.04N 1402128.63E*	361ft	
ILS-LOC 01	IYT	110.1MHz	2300 - 1100	*382522.13N 1402222.56E*		LOC: 220m(722ft) away FM RWY 19 THR, BRG(MAG) 014° LOC Unusable in the following area (1)beyond 10 degrees East side of LOC course. (2)beyond 8 degrees East side of LOC course beyond 17NM fm LOC antenna.
ILS-GP 01	-	334.4MHz	2300 - 1100	*382420.71N 1402218.52E*		GP : 328m(1076ft) inside FM RWY 01 THR, 120m (394ft) E of RCL, angle 3.0°HGT of ILS Ref datum 16.5m(54ft).
ILS-DME 01	IYT	999MHz	2300 - 1100	*382420.70N 1402218.94E*	362ft	DME :328m(1076ft)inside FM RWY 01,130m(427ft) E of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.



RJSC AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

On use of YAMAGATA airport, aircraft operator is required to notify the airport administrator 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

RJSC AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJSC 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	01	A,B,C,D	400	400	400	400	-	500
	19	A,B,C,D	-	400	-	400	-	500
OTHER	01	A,B,C,D	AVBL LDG MINIMA					
	19	A,B,C,D						

2. OTHER

VFR aircraft intending to land on or fly around the AP, especially south and north of the AP, is recommended to make initial contact with Yamagata RADIO to obtain traffic information at least 15nm far from the AP.

当空港に着陸または空港周辺、特に空港の南及び北側を飛行しようとする VFR の航空機については、交通情報の入手のため、少なくとも 15NM 以遠からの山形 RADIO との通信設定が推奨される。

RJSC AD 2.23 ADDITIONAL INFORMATION

Nil

RJSC AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (YAMAGATA)
Standard Departure Chart - Instrument (RUBIS-RNAV)
Standard Departure Chart - Instrument (NIIGATA-RNAV)
Standard Departure Chart - Instrument (HANKA-RNAV)
Standard Arrival Chart - Instrument (YOZAN WEST, YOZAN NORTH-RNAV)
Standard Arrival Chart - Instrument (MEDET WEST, MEDET SOUTH-RNAV)
Standard Arrival Chart - Instrument (TUYAH-RNAV)
Instrument Approach Chart (ILS Z RWY01)
Instrument Approach Chart (LOC Z RWY01)
Instrument Approach Chart (ILS Y RWY01)
Instrument Approach Chart (LOC Y RWY01)
Instrument Approach Chart (VOR A)
Instrument Approach Chart (RNAV(GNSS) RWY19)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)