

## AD 2 AERODROMES

## RJCK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJCK - KUSHIRO

## RJCK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	430227N/1441135E 158°/1.25km from RWY 17 THR
2	Direction and distance from (city)	9nm WNW from Kushiro city
3	Elevation/ Reference temperature	311ft / 23°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	9° W(2009) / 2'E
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	CIVIL AVIATION BUREAU, MLIT. PUBLIC AP. Post:Tsuruoka2-260, Kushiro, Hokkaido Tel:0154-57-6284 Fax:0154-57-7820 AFS:RJCKYFYX
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

## RJCK AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1200
2	Customs and immigration	On request Customs: 0154-22-3730 Immigration: 0154-22-2430
3	Health and sanitation	On request Quarantine(human): 0154-23-3340 Quarantine(animal): 0123-24-6080 Quarantine(plant): 0154-22-4291
4	AIS Briefing Office	2300 - 1200
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NEW CHITOSE)
7	ATS	2300 - 1200
8	Fuelling	2300 - 1100
9	Handling	2245 - 1000
10	Security	2300 - 1130
11	De-icing	Nil
12	Remarks	Nil

**RJCK AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	All the modern institutions that deal with the weight thing to B767 type.
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Fuel Truck Refuelling
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**RJCK AD 2.5 PASSENGER FACILITIES**

1	Hotels	Nil
2	Restaurants	At Airport
3	Transportation	Buses, Taxi
4	Medical facilities	Hospital in Kushiro city 10km
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

**RJCK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 8
2	Rescue equipment	3 Chemical fire fighting trucks, 1 Water-supply truck, 1 Lighting power supply truck, 1 Emergency medical equipments conveyance truck.
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

**RJCK AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Snow remove equipments: 4 Snow plows, 2 Rotaries, 4 Snow sweeper, 1 Urea sprinkler equipment
2	Clearance priorities	(1) RWY 17/35, TWY T1 and T7, P1-P6, APRON    (2) TWY T2-T6 APRON
3	Remarks	Seasonal availability: All seasons

## RJCK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Spot NR1, 2, 3, 5, 6 and 7 Surface : Concrete Strength: PCN 74/R/B/X/T
2	Taxiway width, surface and strength	WIDTH & STRENGTH T1,T7,P6 : 26.5m PCN 106/F/C/X/T T2,T3,T4,T5,T6 : 30m PCN 106/F/C/X/T P1,P2,P3,P4,P5 : 23m PCN 106/F/C/X/T
3	ACL and elevation	Not Available
4	VOR checkpoints	Not Available
5	INS checkpoints	(Spot NR) 1: 430247.60N1441141.22E 2: 430246.01N1441142.06E 3: 430244.19N1441143.01E 5: 430242.23N1441144.04E 6: 430240.11N1441145.15E 7: 430237.35N1441145.22E
6	Remarks	Nil

## RJCK 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	Aircraft stand ID sign:Spot NR1, 2, 3, 5, 6, 7, A, B
2	RWY and TWY markings and LGT	RWY:17/35 (Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY17), WBAR(RWY17), RWY DIST marker LGT  TWY:T1-T7 (Marking) TWY CL, RWY HLDG PSN, TWY side stripe, Mandatory instruction marking (LGT) TWY edge LGT, TWY CL LGT, Stop bar LGT, RWY guard LGT, Taxiing guidance sign  TWY:P1-P6 (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign
3	Stop bars	Stop bar LGT: TWY T1 - T7 Stop bar LGT operations; 1) Stop bar LGT are installed at each taxi-holding position associated with RWY 17/35. 2) Stop bar LGT will be operated when the visibility or the lowest RVR of RWY 17/35 is at or less than 600m. 3) Stop bar LGT on TWY T1 and T7 are controlled individually by ATC. 4) Stop bar LGT on TWY T2 through T6 are not controlled individually by ATC. 5) During the period stop bar LGT are operated, TWY T2 through T6 are not available for the departing aircraft.
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

## RJCK AD 2.10 AERODROME OBSTACLES

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

## RJCK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NEW CHITOSE
2	Hours of service MET Office outside hours	H24 (NEW CHITOSE)
3	Office responsible for TAF preparation Periods of validity	NEW CHITOSE 30 Hours
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at NEW CHITOSE
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	TWR
10	Additional information(limitation of service, etc.)	Nil

## RJCK 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	158.96°	2500×45	PCN 106/F/C/X/T Asphalt Concrete	430305.30N1441114.92E	THR ELEV:322.5ft TDZ ELEV:325.1ft
35	338.96°	2500×45		430149.68N1441154.58E	THR ELEV:290ft
Slope of RWY		Strip Dimensions(M)		RESA(Overrun) Dimensions(M)	Remarks
7		10		11	14
See AD 2.24 AD Chart		2620×300		192×(MNM:95 MAX:283)	RWY Grooving 2500×45m
		2620×300		42×(MNM:250 MAX:300)* *For detail, ask airport administrator	

## RJCK AD 2.13 DECLARED DISTANCES

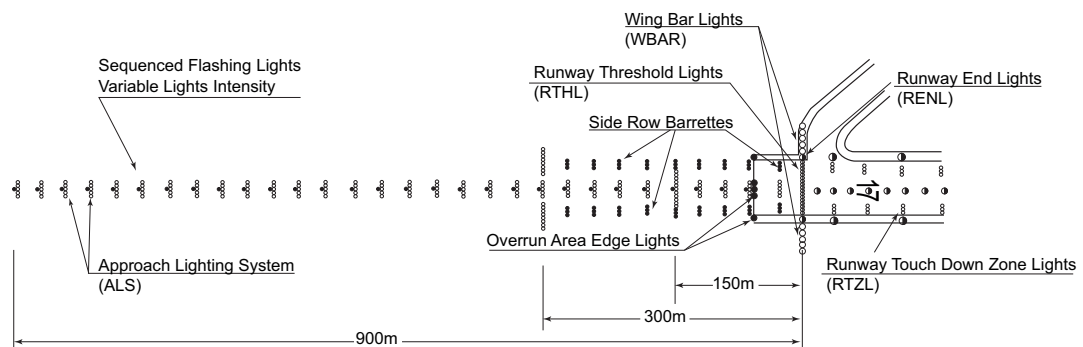
RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
17	2500	2500	2500	2500	Nil
35	2500	2500	2500	2500	Nil

## RJCK 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 III) 900m LIH	Green Green	PAPI 3.0°/LEFT 400m 66ft	900m	2500m 15m Coded color (White/Red) LIH	2500m 60m Coded color (White/Yellow) LIH	Red	Nil(*1)
35	SALS 420m LIH	Green -	PAPI 3.0°/LEFT 425m 74ft	Nil	2500m 15m Coded color (White/Red) LIH	2500m 60m Coded color (White/Yellow) LIH	Red	Nil(*1)
Remarks								
10								
Overrun area edge LGT(LEN:60m Color:Red) (*1) RWY THR ID LGT for RWY 35 THR (Color: White)								

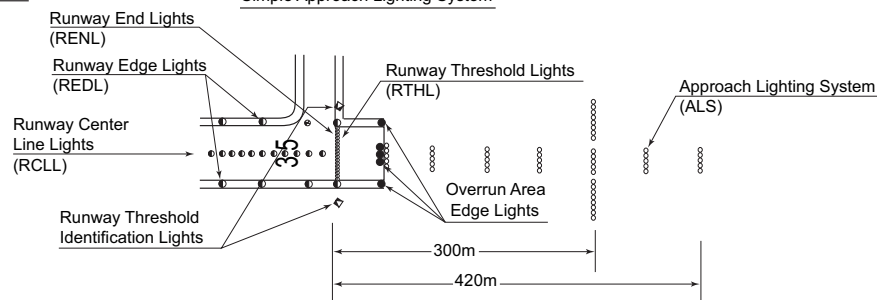
RUNWAY 17

Precision Approach Lighting System



RUNWAY 35

Simple Approach Lighting System



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

1	ABN/IBN location, characteristics and hours of operation	ABN: 430237N/1441152E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY 17 : 295.5m from RWY 17 THR, LGTD RWY 35 : 341.1m from RWY 35 THR, LGTD
3	TWY edge and centerline lighting	TWY edge LGT: Blue TWY centerline LGT: ALTN Green/Yellow FM RWY leaving report point, other Green
4	Secondary power supply/ switch-over time	Within 1sec: PALS, REDL, RENL, RTHL, WBAR, RCLL, RTZL, Overrun area edge LGT, Stop bar LGT, RWY guard LGT, TWY centerline LGT Within 15sec: other LGT
5	Remarks	WDI LGT

**RJCK AD 2.16 HELICOPTER LANDING AREA**

Nil
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**RJCK 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
Kushiro CTR	Area within a radius of 9km(5NM) of ARP (430227N/1441135E)	3,000 or below	D	Kushiro Tower En	

**RJCK AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Kushiro Tower	118.05MHz(1) 126.2MHz	2300 - 1200	(1)Primary

## RJCK 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 (9°W/2007)	KSE	112.5MHz	H24	430201.69N/1441214.81E		Unusable: BTN 340 degrees - 350 degrees beyond 35nm BLW 7,000ft.
DME	KSE	1159MHz (CH-72X)	H24	430201.69N/1441214.81E	334ft	
ILS-LOC 17	IKS	108.9MHz	2300 - 1200	430142.57N/1441158.31E		LOC: 235m (771ft) away FM RWY 35 THR, BRG (MAG) 168 degrees.
ILS-GP 17	-	329.3MHz (CH-26X)	2300 - 1200	430253.70N/1441114.80E		GP:333m(1093ft) inside from RWY17 THR, 130m(427ft) W of RCL. HGT of ILS reference datum 16.7m (55ft). GP angle 3.0° GP Unusable in the following area: beyond 6° west side of LOC course.
ILS-DME 17	-	987MHz (CH-26X)	2300 - 1200	430253.75N/1441115.01E	319ft	DME: 333m(1039ft) inside from RWY17 THR, 125m(410ft) W of RCL
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

## ILS

## KUSHIRO AP



REMARKS : 1 . LOC beam BRG(MAG) 168°  
 2 . HGT of ILS REF datum 16.7m(55ft)  
 3 . GP Angle 3.0°  
 4 . ELEV of ILS-DME 97.3m(319ft)



GP unusable in the following area beyond 6° west side of LOC course.

**RJCK AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

Nil
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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

## 1. 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.

(1)When B763 holding at the stop marking on TWY T5 or T6

wing span (WS) of ACFT taxiing on TWY P4-P6	WS ≤23m	23m <WS ≤40m	WS >40m
wing tip clearance	*A	*B	*C

(2)When MD90 holding at the stop marking on TWY T2

wing span (WS) of ACFT taxiing on TWY P1-P2	WS ≤47m	47m <WS ≤64m	WS >64m
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

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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## RJCK AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

## RJCK 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	17/35	A,B,C	400 *200 **150	400 *200	400 *250	400 *250	-	500
		D	400 *250 **200	400 *250	400 *300	400 *300	-	500
OTHER	17/35	A,B,C,D	AVBL LDG MINIMA					

\* APPLICABLE WHEN SSP IN FORCE.

\*\* APPLICABLE WHEN SSP IN FORCE and MULTIPLE RVRs AVAILABLE.

**2. ILS Category III A/ III B Operations at Kushiro Airport****1) Facilities**

The following Categories are available:

RWY 17
(1) ILS RWY 17 - CAT III
(2) Lighting system RWY 17 - CAT III
(3) RVR by forward-scatter meters (the touchdown zone, the mid-point and stop-end of the RWY)

**2) Conditions**

A. The following systems must be operative:

For ILS RWY17 approach (CAT III A / III B)
(1) ILS comprising; <ul style="list-style-type: none"> <li>• ILS-LOC17 with standby transmitter (including far field monitor)</li> <li>• ILS-GP17 with standby transmitter (When any standby transmitters or far field monitor unserviceable, downgrade ILS-CAT I.)</li> <li>• ILS-DME17</li> </ul>
(2) Lighting systems comprising; <ul style="list-style-type: none"> <li>• PALS 17 (including side row barrettes)</li> <li>• High INTST REDL</li> <li>• High INTST RTHL</li> <li>• RCLL and RTZL</li> </ul>
(3) Secondary power supply
(4) RVR by forward-scatter meters at the touchdown zone, the mid-point and stop-end of the RWY.

B. The following information must be currently available:

- (a) Surface wind speed and direction
- (b) RVR

C. ITEM A and/or B are not met, the relevant information will be notified to the pilots as soon as practicable.

**3) Operating Minimum**

Approach minima stated in AD2.24(Instrument Approach Chart) are observed.

**4) Special Safeguards and Procedures (SSP)**

CAT III A / III B operations are available when SSP are applied. SSP will be applied when the following conditions are met;

- (1) Ceiling is at or less than 400ft and/or RVR is at or less than 1,000m.
- (2) Facilities listed 1) above are operational.
- (3) ILS Critical Area is protected.

In order to protect ILS Critical Area for the succeeding arrival aircraft, an arrival aircraft may be given the following instruction by ATC :

*"REPORT OUT OF ILS CRITICAL AREA"*

The exit TWY centerline LGT are fixed alternate green and yellow inside the ILS Critical Area. If an aircraft is given the above instruction, she is expected to advise the ATC when the TWY centerline LGT change from alternate green and yellow to steady green.

**5) Approval for CAT III A / III B Operations**

Operators must obtain operational approval from the State of Registry or the State of Operator, as appropriate, to conduct CAT III A / III B Operations. (See GEN1.5)

**6) TWY available for CAT III A / III B Operations**

TWY available for CAT III A / III B Operations are T1, T5, T6, T7 and the parallel TWY.

## RJCK AD 2.23 ADDITIONAL INFORMATION

Nil

## RJCK AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart  
Precision Approach Terrain Chart (precision approach CAT II and III runways)  
Standard Departure Chart - Instrument (ALICE, ERIMO, OBIHIRO, KUSHIRO REVERSAL, YUDOH, EATAK)  
Standard Departure Chart - Instrument (AKESI, TANCHU, ASHORO - RNAV)  
Standard Arrival Chart - Instrument (MENOK ARC)  
Standard Arrival Chart - Instrument (KUSSY)  
Standard Arrival Chart - Instrument (CRANE ARC)  
Standard Arrival Chart - Instrument (MENOK, MARNY - RNAV)  
Instrument Approach Chart (ILS or LOC RWY17 (CAT III))  
Instrument Approach Chart (VOR RWY17)  
Instrument Approach Chart (VOR Z RWY35)  
Instrument Approach Chart (VOR Y RWY35)  
Instrument Approach Chart (RNAV(RNP) Z RWY17)  
Instrument Approach Chart (RNAV(RNP) Y RWY17)  
Instrument Approach Chart (RNAV(GNSS) RWY35)  
Other Chart (VISUAL REP)  
Other Chart (MVA CHART)

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