

AD 2 AERODROMES**ESNQ 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNQ – KIRUNA****ESNQ 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|--|
| 1. | ARP coordinates and site at AD | 674917N 0202008E BRG 033.7° GEO 1150 m from THR 03 |
| 2. | Direction and distance from (city) | ESE 3 NM from Kiruna |
| 3. | Elevation/Reference temperature | 1509 ft/+16.5°C |
| 4. | Geoid undulation at AD ELEV PSN | 98 ft |
| 5. | MAG VAR/Annual change | 8° E 2015/+0.1 increasing |
| 6. | Administration, address, telephone, fax, AFS | Swedavia AB
Kiruna Airport
Box 831
SE-981 28 Kiruna
TEL: +46 (0)10 109 46 00
FAX: +46 (0)10 109 46 50
E-mail: infomaster.kiruna@swedavia.se
AFS: ESNQZTX
Website: www.kirunaairport.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4D |
| 8. | Remarks | PPR outside TWR HR of OPS |

ESNQ 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration
AD Operating hours | MON-FRI 0800-1600 (0700-1500)
As ATS |
| 2. | Customs and immigration | O/R +46 (0)8 456 66 20, kcgs.vb@tullverket.se |
| 3. | Health and sanitation | - |
| 4. | AIS Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 5. | ATS Reporting Office (ARO) | As ATS |
| 6. | MET Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 7. | ATS | Ref AIP SUP/NOTAM |
| 8. | Fuelling | As ATS |
| 9. | Handling | As ATS |
| 10. | Security | As ATS |
| 11. | De-Icing | O/R |
| 12. | Remarks | Increased charges outside TWR HR of OPS |

ESNQ 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|---|
| 1. | Cargo-handling facilities | Available |
| 2. | Fuel/oil types | Fuel Jet A1, 100LL
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 200,000 l fuel truck/stationary
100LL: 25,000 l stationary |
| 4. | De-icing facilities | Available, Type I and II, mobile unit |
| 5. | Hangar space for visiting ACFT | Available up to B747-400 |
| 6. | Repair facilities for visiting ACFT | Limited |
| 7. | Remarks | Fuel on Shell (fuel and fly or carnet) and major credit cards. |

ESNQ 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|---|
| 1. | Hotels | In Kiruna |
| 2. | Restaurants | At AD (only for departing passengers other O/R) |
| 3. | Transportation | Buses, taxis, rental cars |
| 4. | Medical facilities | In Kiruna |
| 5. | Bank and Post Office | In Kiruna |
| 6. | Tourist Office | In Kiruna |
| 7. | Remarks | - |

ESNQ 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|------------------------------|
| 1. | AD category for fire fighting | CAT 6 for SKED TFC other O/R |
| 2. | Rescue equipment | Tracked vehicle |
| 3. | Capability for removal of disabled aircraft | By arrangement |
| 4. | Remarks | - |

ESNQ 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|--|
| 1. | Types of clearing equipment | Snowploughs, sweepers, blowers, slingers |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | - |

ESNQ 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--|
| 1. | Apron surface and strength | Apron ASPH PCN 60 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 23 m ASPH PCN 60 F/B/X/T
TWY B 23 m ASPH PCN 60 F/B/X/T
TWY Y 23 m ASPH PCN 60 F/B/X/T |
| 3. | ACL, location and elevation | - |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | - |

ESNQ 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 ACFT stands | Taxi guide lines and signs. Marshalling available |
| 2. | RWY and TWY markings and LGT | RWY 03/21: Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.

TWY A: CL, HLDG day marked. Edge lights, RGL.
B: CL, HLDG day marked. Edge lights, RGL.
Y: CL day marked. Edge lights. |
| 3. | Stop bars | - |
| 4. | Remarks | - |

ESNQ 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

ESNQ 2.11 METEOROLOGICAL INFORMATION PROVIDED

- | | | |
|-----|---|---|
| 1. | Associated MET Office | STOCKHOLM/Arlanda |
| 2. | Hours of service
MET Office outside hours | H24 |
| 3. | Office responsible for TAF preparation
Periods of validity | STOCKHOLM/Arlanda
9 HR HO |
| 4. | Type of landing forecast
Interval of issuance | Not issued |
| 5. | Briefing/consultation provided | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 6. | Flight documentation
Language(s) used | TAF, METAR, SIGMET, Upper air winds
Swedish/English |
| 7. | Charts and other information available for briefing or consultation | SWC, WC, Nordic SIGWX Chart, Low level forecast |
| 8. | Supplementary equipment available for providing information | - |
| 9. | ATS units provided with information | KIRUNA TWR |
| 10. | Additional information (limitation of service, etc.) | Flight planning room available |

ESNQ 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG and MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
03	033.65° GEO 026° MAG	2502 x 45	PCN 60 F/B/X/T ASPH	674845.54N 0201913.10E GUND 98 ft	THR 1509 ft
21	213.69° GEO 206° MAG	2502 x 45	PCN 60 F/B/X/T ASPH	674952.75N 0202111.59E GUND 98 ft	THR 1432.3 ft TDZ 1442 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
03 See ESNQ AOC	-	150 x 180	2622 x 300	-	-
21 See ESNQ AOC	-	-	2622 x 300	-	-

ESNQ 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	2502	2652	2502	2502	-
21	2502	2502	2502	2502	-

ESNQ 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type, LEN INTST	THR LGT Colour WBAR	VASIS (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN, Spacing Colour INTST	RWY Edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN, Colour
1	2	3	4	5	6	7	8	9
03	Calvert CAT I 900 m LIH	Green	PAPI Left/2.86° (55.9 ft)	-	-	2502/60 m White Caution zone 600 m yellow LIH	Red	-
21	Calvert CAT I 900 m LIH	Green	PAPI Left/2.86° (62.3 ft)	-	-	2502/60 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks: -

ESNQ 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- | | | |
|----|--|--|
| 1. | ABN/IBN location, characteristics and hours of operation | - |
| 2. | LDI location and LGT
Anemometer location and LGT | Lighted windsock at strip 140 m NW ARP
140 m NE ARP lighted |
| 3. | TWY edge and centre line lighting | Edge: TWY A, B, Y

CL: - |
| 4. | Secondary power supply/switch-over time | Available/no interruption |
| 5. | Remarks | - |

ESNQ 2.16 HELICOPTER LANDING AREA

RWY 03/21 to be used

ESNQ 2.17 ATS AIRSPACE

- | | | | |
|----|-----------------------------------|--------------------------------------|---|
| 1. | Designation and lateral limits | KIRUNA CTR | 680054N 0202744E - 675754N 0204244E -
674625N 0203344E - 673725N 0201444E -
674025N 0195844E - 675154N 0200704E -
680054N 0202744E |
| 2. | Vertical limits | KIRUNA CTR | 3100 ft AMSL
GND |
| 3. | Airspace classification | C | |
| 4. | ATS unit call sign
Language(s) | KIRUNA TOWER
Swedish/English | |
| 5. | Transition altitude | 6000 ft AMSL | |
| 6. | Remarks | CTR established during hours of TWR. | |

ESNQ 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	KIRUNA TOWER	130.150 MHz	HO	Primary FREQ LRG, VDF
		121.500 MHz	HO	-

ESNQ 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (for VOR/ILS/MLS give VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
LOC 21 ILS CAT I (8° E 2015)	NQ	110.30 MHz	H24	674833.8N 0201852.4E		439 m beyond THR 03 ILS Class I/E/2
GP		335.00 MHz	H24	674942.1N 0202105.2E		Angle 2.86° RDH 56 ft 315 m past THR 21 left side During winter angle may vary btn 2.86° and 3.10° due to snow
OM				675315.1N 0202710.6E		-
MM				675019.6N 0202159.0E		-
L 21	OP	360 kHz	H24	675314.9N 0202709.9E		Range 40 NM
DVOR/DME (8° E 2015)	KRA	115.20 MHz	H24	674909.2N 0202015.0E	1490 ft	DME channel 99X

ESNQ 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Klarering för uttaxning

Klarering lämnas på begäran före begäran om start-up.
Klareringen utfärdas för gällande bana och tillämplig SID.
Uppgift om transponderkod lämnas under uttaxning.

LOCAL TRAFFIC REGULATIONS

1. Clearance at gate

ATC clearance will be delivered on request prior to start-up.
Such clearance will be issued for RWY in use and
appropriate SID. Transponder code will be communicated
during taxi.

ESNQ 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESNQ 2.22 FLYGPROCEDURER

1. Ankommande IFR-trafik inom KirunaTMA/CTR

Flygvägar
Flygvägar för ankommande trafik är upprättade enligt
ESNQ-4-3/4 och ESNQ-4-5/6.

2. Avgående IFR-trafik inom KirunaTMA/CTR

Flygvägar
Flygvägar för avgående trafik är upprättade enligt
ESNQ-4-3/4 och ESNQ-4-5/6.

FLIGHT PROCEDURES

1. Inbound IFR traffic within KirunaTMA/CTR

Routes
Arrival routes are established in accordance with
ESNQ-4-3/4 and ESNQ-4-5/6.

2. Outbound IFR traffic within KirunaTMA/CTR

Routes
Departure routes are established in accordance with
ESNQ-4-3/4 and ESNQ-4-5/6.

3. Startprocedurer, omnidirectional

3. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
03	Climb straight ahead to MNM turning ALT 2800 ft. Continue climb to appropriate MSA.	Pylon	2924	293°/6100
21	Climb straight ahead with MNM 240 ft/NM (3.9%) to MNM turning ALT 2800 ft. Continue climb to appropriate MSA.	Terrain Pylon	1838 2924	203°/5800 272°/7000

4. Lågsiktsprocedurer (LVP) etablerade

4. Low visibility procedures (LVP) established

LVP träder i kraft när bansynvidden (RVR) underskrider 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.

LVP will be in force when runway visual range (RVR) falls below 550 m or when ceiling or vertical visibility is below 200 ft.

Meddelande om att LVP är i kraft lämnas av ATS med frasen "low visibility procedures in operation".

The application of LVP will be announced by ATS with the phrase "low visibility procedures in operation".

När LVP tillämpas tillåts endast ett luftfartyg alternativt fordon på manöverområdet.

When LVP is applied only one aircraft or only vehicles are allowed in the manoeuvring area.

När LVP tillämpas skall ACFT meddela när det lämnat banan och befinner sig på tilldelad uppställningsplats på plattan.

When LVP is applied ACFT shall report RWY vacated at stand on apron.

5. VFR-flygning inom Kiruna TMA/CTR

5. VFR flight within Kiruna TMA/CTR

Normala in- och utpasseringspunkter
Se ESNQ 6-1

Normal entry and exit points
See ESNQ 6-1

Väntlägen
Se ESNQ 6-1

Holdings
See ESNQ 6-1

Avbrott i radioförbindelse
Se ESNQ 6-1

Communication failure
See ESNQ 6-1

ESNQ 2.23 ÖVRIG INFORMATION

ADDITIONAL INFORMATION

NIL

NIL

ESNQ 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart

ESNQ 2-1

Parking/Docking chart

ESNQ 2-3

AOC

ESNQ-3-1

Area chart (TMA)

ESNQ 4-1

SID/STAR RWY 03

ESNQ-4-5

SID/STAR RWY 21

ESNQ-4-6

ATC Surveillance Minimum ALT chart

ESNQ 4-91

IAC VOR/DME+ILS 21

ESNQ-5-1

IAC NDB+ILS 21

ESNQ-5-2

IAC VOR/DME 21

ESNQ-5-3

IAC NDB+DME 21

ESNQ-5-4

IAC NDB 21

ESNQ-5-5

IAC VOR/DME 03

ESNQ-5-7

IAC VOR 03

ESNQ-5-8

IAC RNP RWY 03

ESNQ 5-9

VAC

ESNQ 6-1