

KIRUNA (KRN/ESNQ)

Elevation 1,509ft

CATEGORY A

AV brief not available

GENERAL

- Airfield located 3NM SE of Kiruna, the most northerly town in Sweden and 90 miles south of the Arctic Circle
- KRN is the most northerly airport in Sweden
- The town centre is currently being moved some miles to the east as the current location suffers from subsidence as a result of the iron ore mine beneath it. The process is expected to last until at least the year 2100
- Kiruna is also home to the Jukkasjärvi Icehotel, constructed each year from snow and ice

Threats

CFIT

- Terrain rises sharply to the W with spot heights of 3,172ft asl 15NM SW and 4,271ft asl 31NM WNW
- Kebnekaise rises to 6,882ft asl 40NM west of the airfield and is the highest point in Sweden

Runway Incursion

- Backtrack required for arrival and departure both Rwys

Runway Excursion

- Use braking action reports with caution as measurements, while accurate, may not reflect the full width of the runway/taxiway
- Taxi with caution, especially when using the turning pads at the end of Rwy 03/21 as the surface is liable to be slippery

Mid Air Collision

- There is no RADAR – procedural control only

ARRIVAL

Diversion Airports

ROVANIEMI	RVN/EFRO	172 nm/118°T	CAT A
KITTILA	KTT/EFKT	119 nm/092°T	CAT B
OULU	OUL/EFOU	244 nm/143°T	CAT A
IVALO	IVL/EFIV	190 nm/070°T	CAT B
HELSINKI	HEL/EFHK	538 nm/163°T	CAT A
STOCKHOLM/ARLANDA	ARN/ESSA	571 nm/189°T	CAT A

Approach

- Rwy 21 Cat 1 only.
- Rwy 03 has an RNAV approach which is approved for Simfest use.
- Note temperature limits for use of VNAV on the Rwy 03 RNAV
- Only one aircraft at a time is permitted on the movement area in LVPs. This may result in long delays when visibility is poor.

ILS Rwy 21

- Glideslope fluctuations have been reported during winter as a result of snow
- Note that use of the FD is required for normal Cat 1 minima of 550m RVR. Minimum RVR for FD OFF 750m
- There is no approach control radar and so one can expect to fly the full procedure

GROUND

- Only one aircraft is permitted on the movement area at a time during LVPs – this may result in long delays in poor visibility conditions
- Very limited apron space
- Backtrack will be required for both departure and arrival

WEATHER

- Kiruna has a subarctic climate with short, cool summers and long, cold winters
- Snow cover generally late September to the middle of May, though snowfall can occur year round
- The sun does not set between 28 May and 16 July. Between 11 December and 1 January, the sun does not rise.
- Average daily min/max temperatures -18°C/-9°C (Jan), +9°C/+19°C (Jul)

OPERATIONAL INFORMATION

Handling Agent	SAS Ground Handling Sweden
Handling Agent VHF	
Potable Water	Uplift Permitted

IF ONLY Electrical Power is required	Use ground power at all times
If BOTH electrical power and air conditioning is required:	Use APU (no ACU available). Keep ground power connected to reduce APU fuel burn.