

AD 2 AERODROMES**ESKS 2.1 AERODROME LOCATION INDICATOR AND NAME****ESKS – SÄLEN/SCANDINAVIAN MOUNTAINS****ESKS 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 610953N 0125002E RWY centre point |
| 2. | Direction and distance from (city) | E 4NM from Sälen |
| 3. | Elevation/Reference temperature | 1649 ft/+19.8°C |
| 4. | Geoid undulation at AD ELEV PSN | 112 ft |
| 5. | MAG VAR/Annual change | 5° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Scandinavian Mountains Airport AB
Flygplatsvägen 4
SE-780 67 Sälen
TEL: +46 (0)280 48 19 00
E-mail: info@scandinavianmountains.se
AFS: ESKSZTZX
Website: www.scandinavianmountains.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4E |
| 8. | Remarks | PPR for all traffic. PPR forms on AD website |

ESKS 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration
AD Operating hours | Published on AD website
According to granted PPR request |
| 2. | Customs and immigration | O/R |
| 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 | O/R |
| 9. | Handling | O/R |
| 10. | Security | O/R |
| 11. | De-Icing | O/R |
| 12. | Remarks | - |

ESKS 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|--------------------------------------|
| 1. | Cargo-handling facilities | O/R |
| 2. | Fuel/oil types | Fuel Jet A1
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 1 X 20 000 l. Trucks |
| 4. | De-icing facilities | Type I and II, mobile unit |
| 5. | Hangar space for visiting ACFT | - |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | Jet A1 Shell TEL +46 (0)280 48 19 00 |

ESKS 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|----------------------------|
| 1. | Hotels | Sälenfjällen, Trysil |
| 2. | Restaurants | At AD/Sälenfjällen, Trysil |
| 3. | Transportation | Bus, taxis, rental cars |
| 4. | Medical facilities | In Sälen, Trysil |
| 5. | Bank and Post Office | In Sälen, Trysil |
| 6. | Tourist Office | In Sälen, Trysil |
| 7. | Remarks | - |

ESKS 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|---|
| 1. | AD category for fire fighting | CAT 7 |
| 2. | Rescue equipment | By arrangement |
| 3. | Capability for removal of disabled aircraft | By arrangement |
| 4. | Remarks | Rescue and fire fighting services AVBL O/R and during ATS opening hours |

ESKS 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Snow ploughs, blowers, sweepers, spreaders, sprayer |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | RWY and TWYs de-iced with KFOR/NAFO
Aprons de-iced with SAND |

ESKS 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron 1 ASPH PCN 60 F/B/X/T Apron GA ASPH PCN 60 F/B/X/T
2.	Taxiway width, surface and strength	TWY A 23 m ASPH PCN 60 F/B/X/T
3.	ACL, location and elevation	THR 15 1644 ft THR 33 1644 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESKS 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 15/33: Designator, THR, TDZ, CL, edges day marked. RTHL, REDL, RENL, RGL TWY A: CL, HLDG, Edge day marked. CL LGT, RGL
3.	Stop bars	See ESKS 2-1.
4.	Remarks	-

ESKS 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT in metres	Markings/ Type, colour	Remarks
a	b	c	d	e	f
ESKS1	LOC monitor	610913.0N 0125057.3E	501.4 / -	-	-
ESKS2	LOC monitor	610909.9N 0125105.8E	507.2 / -	-	-
ESKS3	Forest	610828.1N 0125220.8E	538.3 / -	-	-
ESKS4	Forest	610824.0N 0125219.7E	541.7 / -	-	-
ESKS5	Terrain	610809.7N 0125253.4E	553.5 / -	-	-
ESKS6	Forest	610803.7N 0125300.1E	571.8 / -	-	-
ESKS7	Forest	610800.7N 0125309.0E	581.2 / -	-	-
ESKS8	Forest	610756.1N 0125319.4E	586.3 / -	-	-
ESKS9	LOC monitor	611031.0N 0124910.8E	502.2 / -	-	-
ESKS10	LOC monitor	611035.8N 0124908.5E	503.9 / -	-	-
In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

ESKS 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, interval of issuance | STOCKHOLM/Arlanda
9 HR, https://tafplanner.smhi.se/app.php/production-program |
| 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 | SÄLEN TWR |
| 10. | Additional information (limitation of service,
etc.) | Flight planning room available on GA apron O/R |

ESKS 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
15	146.57° GEO 142° MAG	2500 x 45	PCN 60 F/B/X/T ASPH	611026.83N 0124916.50E GUND 112.6 ft	THR 1643.8 ft TDZ 1643.8 ft
33	326.60° GEO 322° MAG	2500 x 45	PCN 60 F/B/X/T ASPH	610919.41N 0125048.57E GUND 112.3 ft	THR 1643.8 ft TDZ 1648.9 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
15 See ESKS AOC	-	300 x 150	2620 x 280	-	-
33 See ESKS AOC	-	300 x 150	2620 x 280	-	-

ESKS 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
15	2500	2800	2500	2500	-
33	2500	2800	2500	2500	-

ESKS 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
15	Barrette CL CAT III 900 m LIH	Green	PAPI Left/3.00° (53.5 ft)	900 m	2500/15 m 0-1600 m white, 1600-2200 m white/red, 2200-2500 m red. LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-
33	Barrette CL CAT III 900 m LIH	Green	PAPI Right/3.00° (55.4 ft)	900 m	2500/15 m 0-1600 m white, 1600-2200 m white/red, 2200-2500 m red. LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-
10 Remarks: -								

ESKS 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 At Aiming points
At Aiming points
3. TWY edge and centre line lighting Edge: -

CL: TWY A

LED lights on TWY A centre line lights
LED lights on all RGL
LED lights on all STOP bars
4. Secondary power supply/switch-over time Available/1 sec
5. Remarks -

ESKS 2.16 HELICOPTER LANDING AREA

RWY 15/33 to be used

ESKS 2.17 ATS AIRSPACE

1.	Designation and lateral limits	SÄLEN CTR	611936N 0124038E - 611631N 0125022E - 611315N 0130037E - 610158N 0130442E - 610014N 0125916E - 610547N 0124148E - 610630N 0123929E - 611751N 0123509E - 611936N 0124038E
		Sector a	611631N 0125022E - 611315N 0130037E - 610158N 0130442E - 610014N 0125916E - 610547N 0124148E Swedish/Norwegian border northward to - 611631N 0125022E
		Sector b	611936N 0124038E - 611631N 0125022E Swedish/Norwegian border southward to - 610547N 0124148E - 610630N 0123929E - 611751N 0123509E - 611936N 0124038E
2.	Vertical limits	SÄLEN CTR	4200 ft AMSL <u> </u> GND
		Sector a	4200 ft AMSL <u> </u> GND
		Sector b	4200 ft AMSL <u> </u> GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	SÄLEN TOWER Swedish/English	
5.	Transition altitude	6000 ft AMSL	
6.	Remarks	CTR established during hours of TWR. Sector b classified as RMZ outside hours of TWR. -	

ESKS 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	SÄLEN TOWER	124.460	HO	Primary channel
		121.500	HO	-
		118.440	HX	By directive from TWR

ESKS 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 15 ILS CAT I (5° E 2020)	SAE	109.55 MHz	HO	610909.0N 0125102.8E		386 m past THR 33 ILS Class I/E/4 LOC not approved for use above a vertical angle of 4.7°, originating from position of localizer.
GP		332.45 MHz	HO	611019.5N 0124936.2E		Angle 3.0° RDH 52.2 ft 352 m past THR 15 Left side
LOC 33 ILS CAT I (5° E 2020)	SAL	111.35 MHz	HO	611034.8N 0124905.6E		295 m past THR 15 ILS Class I/E/4
GP		332.15 MHz	HO	610929.0N 0125045.2E		Angle 3.0° RDH 50.5 ft 275 m past THR 33 Right side
DME	SAE	109.55 MHz	HO	611019.6N 0124936.5E	1669 ft	DME channel 32Y
DME	SAL	111.35 MHz	HO	610929.1N 0125045.4E	1674 ft	DME channel 50Y

ESKS 2.20 LOKALA TRAFIKFÖRESKRIFTER

- Dagligen mellan 2100-0500 (2000-0400) får flygplatsen inte trafikeras med flygplan certifierade enligt ICAO Annex 16, Volume I, Part II, Chapter 2.
- PPR för all trafik. PPR-formulär på flygplatsens hemsida.
- För luftfartyg med vingspann över 18 m krävs ledsagning in på GA-plattan.

LOCAL TRAFFIC REGULATIONS

- Daily between 2100-0500 (2000-0400) the aerodrome must not be used by aircraft certificated in accordance with ICAO Annex 16, Volume I, Part II, Chapter 2.
- PPR for all traffic. PPR forms on AD website.
- Marshalling mandatory for aircraft with wingspan exceeding 18 m entering apron GA.

ESKS 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESKS 2.22 FLYGPROCEDURER

- Ankommande IFR-trafik inom Sälen TMA/CTR
Flygvägar för ankommande trafik är upprättade enligt ESKS 4-9 till ESKS 4-11.
- Avgående IFR-trafik inom Sälen TMA/CTR
Flygvägar för avgående trafik är upprättade enligt ESKS 4-5 till ESKS 4-8.

FLIGHT PROCEDURES

- Inbound IFR traffic within Sälen TMA/CTR
Arrival routes are established in accordance with ESKS 4-9 through ESKS 4-11.
- Outbound IFR traffic within Sälen TMA/CTR
Departure routes are established in accordance with ESKS 4-5 through ESKS 4-8.

3. Startprocedurer, omnidirectional		3. Omnidirectional departure procedures		
RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
15	Climb straight ahead with MNM 280 ft/NM (4.6%) to MNM turning ALT 3000 ft. Continue climb to appropriate MSA. Sector 060° - 115° GEO from ARP not to be entered until 5200 ft is reached.	Tree Terrain	2096 3048	137°/6410 108°/9940
33	Climb straight ahead with MNM 240 ft/NM (3.9%) to MNM turning ALT 3000 ft. Continue climb to appropriate MSA. Sector 060° - 115° GEO from ARP not to be entered until 5200 ft is reached.	Terrain Antenna	3091 2916	032°/12250 009°/11220
4. Radiokommunikation		4. Radio communication		
4.1	Dubbelriktad radioförbindelse	4.1 Two-way radio communication		
Avsteg från kraven på dubbelriktad radioförbindelse medges inte.		Exemption from two-way radio communication is not accepted.		
4.2	Avbrott i radioförbindelse	4.2 Communication failure		
Luftfartyg skall följa procedurerna i ENR 1.3.		Aircraft shall follow the procedures laid down in ENR 1.3.		
4.3	Delad TWR-kanal utanför tornets öppethållning	4.3 Shared TWR channel outside hours of TWR		
Fordon på manöverområdet använder samma TWR-kanal som luftfartyg för att höja medvetenheten hos piloter och fordonsförare.		Vehicles on the manoeuvring area are on the same TWR channel as aircraft to enhance pilot and vehicle driver awareness.		
5.	Lågsiktsprocedurer (LVP)	5. Low visibility procedures (LVP)		
LVP är i drift när bansynvidden (RVR) är lägre än 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft. Tillämpning av LVP meddelas av ATC.		LVP are established and will be in force at latest when RVR falls below 550 m and/or the cloudbase is less than 200 ft or on request. The application of LVP will be announced by ATC.		
När LVP tillämpas tillåts endast ett luftfartyg eller fordon inom LVP-området (manöverområdet enligt AD 2 ESKS 2-1).		When LVP is applied only one aircraft or vehicles are allowed in the LVP area (same as manoeuvring area on AD 2 ESKS 2-1).		
6.	VFR-flygning inom Sälen TMA/CTR	6. VFR flight within Sälen TMA/CTR		
Normala in- och utpasseringspunkter Se ESKS 6-1		Normal entry and exit points See ESKS 6-1		
Väntlägen Se ESKS 6-1		Holdings See ESKS 6-1		
7.	Användande av precisionsinflygning	7. Use of precision approach		
Precisionsinflygning är inte tillåtet när ATS är stängt.		Precision approach is not allowed when ATS is closed.		

ESKS 2.23 ÖVRIG INFORMATION

1. Undantag från krav i CS ADR-DSN:

Bana för precisionsinflygning – Fasta hinder genomtränger i följande hinderbegränsande ytor enligt förteckning:
Inflygningsyta bana 33
Horisontella ytan
Koniska ytan

Centrumljusen jämnt fördelade med avstånd 14.88 m.

ADDITIONAL INFORMATION

1. Exemptions from requirements in CS ADR-DSN:

Precision approach runways – Fixed obstacles penetrate the following obstacle limitation surfaces according to list:
Approach surface RWY 33
Horizontal surface
Conical surface

RWY Centre Line lights are evenly spaced at 14.88 m.

Vändytorna är inte utformade för de längsta kod E-luffartygen, mer information på begäran.

2. ATS-tjänst bedrivs från RTC Sundsvall.
3. Signalstrålkastare placerad på R-TWR.

Turnpads are not designed for the longest code E aircraft, more information O/R.

2. ATS provided from RTC Sundsvall.
3. Signalling lamp positioned ar R-TWR.

ESKS 2.24 TILLHÖRANDE KARTOR

AD chart		
AOC	RWY 15	
AOC	RWY 33	
PATC	RWY 15	
PATC	RWY 33	
Area chart	(TMA)	
List of waypoints and significant points		
RNP SID	RWY 15	
RNP SID	RWY 33	
RNP STAR	RWY 15	
RNP STAR	RWY 33	
ATC Surveillance		
Minimum ALT chart		
IAC	ILS or LOC RWY 15	
IAC	ILS or LOC RWY 33	
IAC	RNP RWY 15	
IAC	RNP RWY 33	
VAC		

RELATED CHARTS

ESKS 2-1
ESKS 3-1
ESKS 3-3
ESKS 3-5
ESKS 3-7
ESKS 4-1
ESKS 4-3
ESKS 4-5
ESKS 4-7
ESKS 4-9
ESKS 4-11
ESKS 4-91
ESKS 5-1
ESKS 5-2
ESKS 5-3
ESKS 5-5
ESKS 6-1