

AD 2 AERODROMES**ESNL 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNL – LYCKSELE****ESNL 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	643251N 0184304E RWY 700 m from THR 32
2.	Direction and distance from (city)	SSE 3.0 NM from Lycksele
3.	Elevation/Reference temperature	705 ft/+18.5°C
4.	Geoid undulation at AD ELEV PSN	90 ft
5.	MAG VAR/Annual change	8° E 2020/+0.2 increasing
6.	Administration, address, telephone, fax, AFS	Lycksele Airport AB SE-921 81 Lycksele TEL: +46 (0)950 275 55 E-mail: info@lyckseleairport.se AFS: ESNLZTZX Website: www.lyckseleairport.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8.	Remarks	-

ESNL 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	No specific hours H24
2.	Customs and immigration	-
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	O/R
10.	Security	O/R
11.	De-icing	O/R
12.	Remarks	-

ESNL 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	-
2.	Fuel/oil types	Fuel Jet A1, 100LL Oil -
3.	Fuelling facilities/discharge capacity	Jet A1: 56 000 l pressure fuelling and overwing fuelling 100LL: 2400 l mobile unit
4.	De-icing facilities	Available, Type I and II, mobile unit
5.	Hangar space for visiting ACFT	Limited
6.	Repair facilities for visiting ACFT	-
7.	Remarks	Fuel supplier Jet A1, AIR BP Fuel supplier 100LL, Lycksele Airport For payment of 100LL only major credit cards or payment via Swish accepted.

ESNL 2.5 PASSENGER FACILITIES

1.	Hotels	In Lycksele
2.	Restaurants	In Lycksele
3.	Transportation	Taxis, rental cars
4.	Medical facilities	In Lycksele
5.	Bank and Post Office	In Lycksele
6.	Tourist Office	In Lycksele
7.	Remarks	-

ESNL 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	CAT 5 for scheduled traffic, Higher O/R, max CAT 7. Other traffic O/R.
2.	Rescue equipment	By arrangement, municipal rescue service
3.	Capability for removal of disabled aircraft	By arrangement, Duty Officer during AD operating hours. TEL +46 (0)950 162 80.
4.	Remarks	RFFS only during ATS operational hours. During periods of reduced aerodrome activity, RFFS level of protection may be lowered to a level corresponding to the largest aircraft using the aerodrome during that period.

ESNL 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Snowploughs, blowers, sweepers, slingers
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	RWY, TWY and apron de-iced with sand/UREA.

ESNL 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | |
|--|---|
| 1. Apron surface and strength | Apron ASPH PCN 35 F/B/X/T Stand 1 CONC. |
| 2. Taxiway width, surface and strength | TWY A 23 m ASPH PCN 35 F/B/X/T |
| 3. ACL, location and elevation | Apron 691 ft |
| 4. VOR checkpoints | - |
| 5. INS checkpoints | - |
| 6. Remarks | - |

ESNL 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 14/32: Designator, THR TDZ, CL, edges day marked. RTHL, REDL, RENL.
TWY A: CL, HLDG day marked. Edge lights, RGL. |
| 3. Stop bars | - |
| 4. Remarks | - |

ESNL 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT in feet	Markings/ Type, colour	Remarks
a	b	c	d	e	f
ESNL1	LLZ	643228.8N 0184342.5E	699 / -	-	-
ESNL2	Pine forest	643218.7N 0184409.5E	721 / -	-	-
ESNL3	Deciduous forest	643218.1N 0184408.7E	724 / -	-	-
ESNL4	Pine forest	643218.9N 0184414.4E	725 / -	-	-
ESNL5	Deciduous forest	643218.1N 0184413.4E	729 / -	-	-
ESNL6	Pine forest	643215.8N 0184406.6E	729 / -	-	-
ESNL7	Deciduous forest	643218.2N 0184415.0E	731 / -	-	-
ESNL8	Pine forest	643211.7N 0184403.4E	734 / -	-	-
ESNL9	Antenna	643211.5N 0184412.8E	743 / -	-	-
ESNL10	Pine forest	643134.8N 0184451.3E	791 / -	-	-
ESNL11	Pine forest	643029.6N 0184612.7E	926 / -	-	-
ESNL12	Pine forest	643001.1N 0184755.9E	1053 / -	-	-
ESNL13	Pine forest	643007.0N 0184824.9E	1187 / -	-	-
ESNL14	Pine forest	643005.0N 0184835.2E	1201 / -	-	-
ESNL15	Pine forest	642948.5N 0184818.7E	1214 / -	-	-
ESNL16	LLZ monitor	643325.9N 0184202.3E	711 / -	-	-
ESNL17	Deciduous forest	643326.1N 0184151.9E	733 / -	-	-
ESNL18	Deciduous forest	643331.5N 0184201.6E	737 / -	-	-
ESNL19	Deciduous forest	643331.6N 0184201.3E	738 / -	-	-
ESNL20	Deciduous forest	643331.7N 0184200.9E	740 / -	-	-
ESNL21	Deciduous forest	643332.6N 0184138.3E	757 / -	-	-
ESNL22	Deciduous forest	643333.0N 0184139.3E	771 / -	-	-
ESNL23	Deciduous forest	643333.2N 0184139.9E	776 / -	-	-
ESNL24	Deciduous forest	643333.4N 0184139.7E	777 / -	-	-
ESNL25	Pine forest	643343.2N 0184140.8E	809 / -	-	-
ESNL26	Pine forest	643344.1N 0184140.7E	812 / -	-	-
ESNL27	Pine forest	643344.4N 0184140.8E	816 / -	-	-
ESNL28	Pine forest	643347.3N 0184104.0E	899 / -	-	-
ESNL29	Pine forest	643501.4N 0183854.5E	1019 / -	-	-
ESNL30	Pine forest	643505.8N 0183858.4E	1048 / -	-	-
ESNL31	Antenna	643507.4N 0183854.2E	1107 / -	-	-

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

ESNL 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 | TAF not produced |
| 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 | 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 | LYCKSELE AFIS |
| 10. Additional information (limitation of service,
etc.) | - |

ESNL 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
14	142.94° GEO 135° MAG	2092 x 45	PCN 40 F/B/X/T ASPH	643320.36N 0184212.05E BGN RWY: 643324.28N 0184205.18E GUND 88.9 ft	THR 704.5 ft TDZ 705 ft
32	322.96° GEO 315° MAG	2092 x 45	PCN 40 F/B/X/T ASPH	643232.67N 0184335.72E BGN RWY: 643230.37N 0184339.77E End RWY: 643324.28N 0184205.18E GUND 89 ft	THR 689 ft
Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
14 See ESNL AOC	-	-	2212 x 300	-	THR 14 displaced 150 m
32 See ESNL AOC	-	-	2212 x 300	-	-

ESNL 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14	2002	2002	2002	1850	-
32	2092	2092	2092	2002	-

ESNL 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
14	Barrette CL CAT I 720 m LIH	Green	PAPI Left/3.50° (50.0 ft)	-	-	2092/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
32	Barrette CL SALS 180 m LIH	Green	PAPI Left/3.00° (50.0 ft)	-	-	2092/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 14: PCL PAPI 10 percent, LIL RWY and TWY on channel 122.230, 10 sec duration RWY 32: TRID White LIH PCL LIL RWY and TWY on channel 122.230, 10 sec duration								

ESNL 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- ABN/IBN location, characteristics and hours of operation -
- LDI location and LGT
Anemometer location and LGT Lighted windsocks at THR 14, THR 32 and PAPI 14
S of RWY center and at PAPI 14 and THR 32, lighted
- TWY edge and centre line lighting Edge: TWY A
CL: -
- Secondary power supply/switch-over time Available/15 sec, 1 sec O/R
- Remarks -

ESNL 2.16 HELICOPTER LANDING AREA

RWY 14/32 to be used

ESNL 2.17 ATS AIRSPACE

- Designation and lateral limits LYCKSELE TIZ/RMZ 643911N 0183455E - 643617N 0185057E -
642539N 0185926E - 642358N 0185410E -
643037N 0183315E - 643758N 0183104E -
643911N 0183455E
- Vertical limits LYCKSELE TIZ/RMZ 2700 ft AMSL
GND
- Airspace classification G
- ATS unit call sign Language(s) LYCKSELE INFORMATION
Swedish/English
- Transition altitude 5000 ft AMSL
- Remarks Continuous two-way radiocommunication required in TIZ/RMZ.
TIZ/RMZ established during hours of AFIS.

ESNL 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	LYCKSELE INFORMATION	122.230	HO	-
		121.500	HO	-

ESNL 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 14 ILS CAT I (8° E 2020)	WL	108.70 MHz	H24	643228.8N 0184342.6E		151 m beyond THR 32 ILS Class I/E/2
GP		330.50 MHz	H24	643314.9N 0184232.8E		Angle 3.5° RDH 50.9 ft 301 m past THR 14 left side During winter angle may vary BTN 3.50° and 3.80° due to snow.
L 14	DD	333 kHz	H24	643559.7N 0183732.1E		Range 25 NM
LOC 32 (8° E 2020)	NL	110.50 MHz	H24	643328.6N 0184157.6E		319 m beyond THR 14
LO 32	OL	320 kHz	H24	642953.4N 0184808.8E		Range 15 NM
DME	NL	110.50 MHz	H24	643248.4N 0184258.1E	703 ft	Unlocks may occur outside 017° left of RWY CL at 17 NM from station and also S of RWY CL at 25 NM from station. Abeam ARP SW RWY DME channel 42X
DME	WL	108.70 MHz	H24	643315.1N 0184233.1E	724 ft	Low signal Right hand side of CL beyond 17 NM and below 6300 ft. Colocated with ILS GP 14 DME channel 24X

ESNL 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Samtliga luftfartyg som avser trafikera Lycksele flygplats ska vara utrustade med VHF flygradioutrustning som medger dubbelriktad radioförbindelse på kanal 122.230 samt 121.500. Detta gäller även utanför ATS publicerad öppethållning.

2. Klarering före uttaxning

Klarering för IFR-trafik lämnas vid begäran om start-up. Uppgift om transponderkod lämnas under uttaxning.

3. VHF flygradio kanal 122.230 avlyssnas av markpersonal utanför ATS publicerad öppethållning vid beträdande av manöverområdet.

LOCAL TRAFFIC REGULATIONS

1. All aircraft operating to and from Lycksele Aerodrome must be equipped with VHF-radio which allows two-way radio communication on channel 122.230 and 121.500. This is also mandatory outside ATS hours of operation.

2. Clearance at gate

ATC clearance for IFR traffic will be delivered on request at start-up. Transponder code will be delivered during taxi.

3. VHF channel 122.230 is monitored by ground personnel outside ATS hours of operation when entering AD manoeuvring area.

ESNL 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESNL 2.22 FLYGPROCEDURER

Startprocedurer, omnidirectional

FLIGHT PROCEDURES

Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
14	Climb straight ahead with MNM 330 ft/NM (5.3%) to MNM turning ALT 2100 ft. Continue climb to appropriate MSA.	Tree	1096	154°/4774
		Antenna	2600	213°/10201
32	Climb straight ahead with MNM 580 ft/NM (9.5%) to MNM turning ALT 1900 ft. Continue climb to appropriate MSA.	Tree	977	315°/3019
		Tree (CIO)	744	319°/2215
		Antenna	2600	225°/9703

ESNL 2.23 ÖVRIG INFORMATION

- Lägsta RVR för avgående trafik är 400 m.
- Flygplatsinformation för besättning utanför flygplatsens öppethållningstid

Flygplatsinformation för besättning utanför flygplatsens öppethållningstid finns i metallskåp markerat med "Crew" symbol. Skåpet är placerat inuti södra delen av tankanläggningsbyggnaden vid plats 1.
- Beviljande undantag från krav i CS-ADR-DSN
 - Fasta hinder genomtränger hinderbegränsade ytor.
 - Längd lutningen uppfyller inte kraven på de första 150 m av bana 14 och de sista 150 m av bana 32.

ADDITIONAL INFORMATION

- Minimum RVR for departing traffic is 400 m.
- AD information for crew outside AD opening hours

AD information for visiting crew members outside AD opening hours is available in metal box marked with a "Crew" symbol. The box is located inside the fuel station adjacent to stand 1.
- Granted exemptions from requirements in CS-ADR-DSN
 - Fixed obstacles penetrate the obstacle limitation surfaces.
 - Longitudinal slope does not fulfil the requirements during the first 150 m of RWY 14 and the last 150 m of RWY 32.

ESNL 2.24 TILLHÖRANDE KARTOR

AD chart
AOC RWY 14
AOC RWY 32
List of waypoints and significant points
IAC ILS z or LOC z RWY 14
IAC ILS y or LOC y RWY 14
IAC NDB RWY 14
IAC LOC z RWY 32
IAC LOC y RWY 32
IAC NDB RWY 32
IAC RNP RWY 14
IAC RNP RWY 32
VAC

RELATED CHARTS

ESNL 2-1
ESNL-3-1
ESNL-3-3
ESNL 4-3
ESNL 5-1
ESNL 5-2
ESNL 5-3
ESNL 5-4
ESNL 5-5
ESNL 5-6
ESNL 5-7
ESNL 5-11
ESNL 6-1

**ESNL 2.25 GENOMTRÄNGADE AV YTAN FÖR
VISUELLA SEGMENTET (VSS)**

NDB RWY 14 och RNP (LNAV) RWY 14

Terräng och vegetation från 1.1 NM till 0.3 NM före
bantröskel genomträger ytan för visuella segmentet.

VISUAL SEGMENT SURFACE (VSS) PENETRATION

NDB RWY 14 och RNP (LNAV) RWY 14

Terrain and vegetation from 1.1 NM to 0.3 NM prior to
THR penetrates visual segment surface.