

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. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Lycksele Airport AB SE-921 81 Lycksele TEL: +46 950 275 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 operator	No specific hours
AD Operating hours	H24
2. Customs and immigration	-
3. Health and sanitation	-
4. AIS Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
5. ATS Reporting Office (ARO)	As ATS
6. MET Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
7. ATS	Ref AIP SUP/NOTAM
8. Fuelling	As AD Operating hours
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 and oil types	Fuel: 100LL, Jet A1 Oil: -
3. Fuelling facilities and capacity	100LL: 2400 l mobile unit Jet A1: 56 000 l pressure fuelling and overwing fuelling
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 100LL, Lycksele Airport
For payment of 100LL only major credit cards or payment via Swish accepted.
Fuel supplier Jet A1, AIR BP
H24 Self-service Jet A1 via Carnet

ESNL 2.5 PASSENGER FACILITIES

1. **Hotels** In Lycksele
2. **Restaurants** In Lycksele
3. **Transportation** Taxis, rental car pre-booking
4. **Medical facilities** In Lycksele
5. **Bank and Post Office** Bank: In Lycksele
Post: 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** No towing equipment available. Removal arranged with wheel loader and suitable equipment. Suitable for ACFT up to FOKKER 50. Duty Officer during AD operating hours. TEL +46 950 162 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 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1. **Types of clearing equipment** Snowploughs, blowers, sweepers, slingers
2. **Clearance priorities** RWY, TWY, Apron
3. **Use of material for movement area surface treatment** RWY, TWY and apron de-iced with sand/UREA
4. **Specially prepared winter runways** -
5. **Remarks** -

ESNL 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS 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 LGTRWY 14/32: Designator, THR TDZ, CL, edges day marked.
RTHL, REDL, RENL.

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

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

ESNL 2.11 METEOROLOGICAL INFORMATION PROVIDED

- | | |
|--|---|
| 1. Associated MET Office | STOCKHOLM/ARLANDA |
| 2. Hours of service | H24 |
| MET Office outside hours | |
| 3. Office responsible for TAF preparation | TAF not produced |
| Periods of validity, interval of issuance | |
| 4. Trend forecast | - |
| Interval of issuance | |
| 5. Briefing/consultation provided | FPC H24, +46 8 797 63 40, www.lfv.se/fpc |
| 6. Flight documentation | METAR, SIGMET, Upper air winds |
| Language(s) used | 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	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°	2092 x 45	PCN 40/F/B/X/T ASPH	643320.36N 0184212.05E BGN RWY: 643324.28N 0184205.18E	THR 704.5 ft TDZ: 704.5 ft
32	322.96°	2092 x 45	PCN 40/F/B/X/T ASPH	643232.67N 0184335.72E GUND 88.9 ft BGN RWY: 643230.37N 0184339.77E End RWY: 643324.28N 0184205.18E GUND 89 ft	THR 689 ft
Designations RWY NR	Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	RESA dimensions (m)
1	7	8	9	10	11
14	See ESNL AOC	-	-	2212 x 300	-
32	See ESNL AOC	-	-	2212 x 300	-

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
14	-	-	THR 14 displaced 150 m
32	-	-	-

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	CAT I 720 M LIH	Green	PAPI Left side/3.50° 50 ft	-	-	2092/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
32	SALS 180 M LIH	Green	PAPI Left side/3.00° 50 ft	-	-	2092/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 14: Barrette CL PCL PAPI 10 percent, LIL RWY and TWY on channel 122.230, 10 SEC duration. LED lights on turnpad edge. RWY 32: Barrette CL PCL LIL RWY and TWY on channel 122.230, 10 SEC duration. TRID White LIH. LED lights on turnpad edge.								

ESNL 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- ABN/IBN location, characteristics and hours of operation** -
- LDI location and LGT** Lighted windsock at PAPI 14. Unlighted windsocks at THR 14 and THR 32.
Anemometer location and LGT At aiming points, lighted.
- TWY edge and centre line lighting** Edge: 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

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

ESNL 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
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 14	-	330.50 MHz	H24	643314.9N 0184232.8E	-	-	Angle 3.50° 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.
LOC 32 (8° E 2020)	NL	110.50 MHz	H24	643328.6N 0184157.6E	-	-	319 m beyond THR 14
L 14	DD	333 kHz	H24	643559.7N 0183732.1E	-	-	Range 25 NM
LO 32	OL	320 kHz	H24	642953.4N 0184808.8E	-	-	Range 15 NM

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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DME	NL	110.50 MHz	H24	643248.4N 0184258.1E	703 ft	-	Abeam ARP SW RWY 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. DME Channel 42X
DME	WL	108.70 MHz	H24	643315.1N 0184233.1E	724 ft	-	Colocated with ILS GP 14 Low signal Right hand side of CL beyond 17 NM and below 6300 ft. DME Channel 24X

ESNL 2.20 LOKALA FLYGPLATSFÖRESKRIFTER

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.

ESNL 2.21 BULLERREDUCERANDE FÖRFARANDE

NIL

ESNL 2.22 FLYGPROCEDURER**1 Startprocedurer, omnidirectional**

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 TILLÄGGSINFORMATION

1. Lägsta RVR för avgående trafik är 550 m.

ESNL 2.20 LOCAL AERODROME 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 NOISE ABATEMENT PROCEDURES

NIL

ESNL 2.22 FLIGHT PROCEDURES**1 Omnidirectional departure procedures****ESNL 2.23 ADDITIONAL INFORMATION**

1. Minimum RVR for departing traffic is 550 m.

2. Flygplatsinformation för besättning utanför flygplatsens öppethållningstid finns i metallskåp markerat med "Crew" symbol. Skåpet är placerat inuti södra delen av tankanläggningsbyggnaden vid plats 1.

3. Beviljade 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.

2. 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.

3. 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 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESNL 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

<i>Charts</i>	<i>Pages</i>
Aerodrome Chart - ICAO	AD 2 ESNL 2 - 1
AOC - ICAO Type A RWY 14	AD 2 ESNL 3 - 1
AOC - ICAO Type A RWY 32	AD 2 ESNL 3 - 3
IAC - ICAO ILS z or LOC z RWY 14	AD 2 ESNL 8 - 1
IAC - ICAO ILS y or LOC y RWY 14	AD 2 ESNL 8 - 2
IAC - ICAO NDB RWY 14	AD 2 ESNL 8 - 3
IAC - ICAO LOC z RWY 32	AD 2 ESNL 8 - 4
IAC - ICAO LOC y RWY 32	AD 2 ESNL 8 - 5
IAC - ICAO NDB RWY 32	AD 2 ESNL 8 - 6
IAC - ICAO RNP RWY 14	AD 2 ESNL 8 - 7
IAC - ICAO RNP RWY 32	AD 2 ESNL 8 - 11
VAC - ICAO	AD 2 ESNL 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESNL LYCKSELE 4

ESNL 2.25 GENOMTRÄNGANDE 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 genomtränger ytan för visuella segmentet.

ESNL 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NDB RWY 14 and RNP (LNAV) RWY 14

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