

AD 2 AERODROMES**ESNG 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNG - GÄLLIVARE****ESNG 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1. ARP coordinates and site at AD	670759N 0204844E RWY 730 m from THR 12
2. Direction and distance from (city)	E 3.8 NM from Gällivare
3. Elevation/Reference temperature	1027 ft/+18.5°C
4. Geoid undulation at AD ELEV PSN	94 ft
5. MAG VAR/Annual change	9° E (2020)/+0.2 increasing
6. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Lapland airport i Gällivare AB Flygplatsvägen 10 SE-982 35 Gällivare TEL: +46 970 780 00 FAX: +46 970 780 09 E-mail: airport@gallivare.se AFS: ESNGZTZX Website: www.lapair.se
7. Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8. Remarks	PPR for all non scheduled traffic outside ATS HR of OPS. Request shall be made 72 hours before ARR to airport@gallivare.se. Caution due intermittent motor vehicles on RWY. Ambulance helicopter is located at the airport. Delays may occur.

ESNG 2.3 OPERATIONAL HOURS

1. AD operator	MON-FRI 0700-1500 (0600-1400)
AD Operating hours	As ATS
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 or O/R.
9. Handling	For scheduled flights, other O/R.
10. Security	Screening and CSRA for scheduled flights, other O/R.
11. De-Icing	For scheduled flights, other O/R.
12. Remarks	Increased charges outside hours of scheduled operations.

ESNG 2.4 HANDLING SERVICES AND FACILITIES

1. Cargo-handling facilities	Limited
2. Fuel and oil types	Fuel: Jet A1 Oil: -
3. Fuelling facilities and capacity	Jet A1: 70 000 l, hydrant fuelling
4. De-icing facilities	Available, Type I and II, mobile unit
5. Hangar space for visiting ACFT	O/R airport@gallivare.se

- | | |
|--|--|
| 6. Repair facilities for visiting ACFT | - |
| 7. Remarks | For payment of fuel only VISA and Mastercard credit cards are accepted |

ESNB 2.5 PASSENGER FACILITIES

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

ESNB 2.6 RESCUE AND FIRE FIGHTING SERVICES

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|--|--|
| 1. AD category for fire fighting | CAT 5 for SKED TFC, other O/R |
| 2. Rescue equipment | Tracked vehicle, snowmobile |
| 3. Capability for removal of disabled aircraft | By arrangement. Contact Airport duty officer during AD operating hours +46 70 307 40 43. |
| 4. Remarks | - |

ESNB 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

- | | |
|--|---|
| 1. Types of clearing equipment | Snowploughs, sweepers, blowers, spreaders, slingers |
| 2. Clearance priorities | RWY, TWY, Apron |
| 3. Use of material for movement area surface treatment | - |
| 4. Specially prepared winter runways | - |
| 5. Remarks | - |

ESNB 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

- | | |
|--|--|
| 1. Apron surface and strength | Apron A ASPH PCN 22/F/B/X/T
Apron B ASPH PCN 22/F/B/X/T |
| 2. Taxiway width, surface and strength | TWY A 15 m ASPH PCN 22/F/B/X/T
TWY B 18 m ASPH PCN 22/F/B/X/T |
| 3. ACL, location and elevation | Apron 1002 ft |
| 4. VOR checkpoints | - |
| 5. INS checkpoints | - |
| 6. Remarks | - |

ESNB 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 12/30: Designator, THR, TDZ, CL and edges are day marked
RTHL, REDL, RENL
TWY: CL, HLDG day marked. Edge lights, RGL |
| 3. Stop bars | - |
| 4. Remarks | - |

ESNB 2.10 AERODROME OBSTACLES

In Area 2				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
ESNB1	VEGETATION	670738.7N 0205005.3E	980 ft / -	-
ESNB2	TREE	670735.4N 0205014.3E	985 ft / -	-
ESNB3	TREE	670731.5N 0205028.2E	1002 ft / -	-
ESNB4	NAVAID	670810.5N 0204746.5E	1029 ft / -	-
ESNB5	TREE	670810.0N 0204726.7E	1039 ft / -	-
ESNB6	TREE	670813.9N 0204721.8E	1042 ft / -	-
ESNB7	TREE	670813.3N 0204719.6E	1044 ft / -	-
ESNB8	TREE	670842.0N 0204405.2E	1145 ft / -	-
ESNB9	TREE	670842.5N 0204352.9E	1168 ft / -	-
ESNB10	TREE	670842.8N 0204346.1E	1182 ft / -	-
ESNB11	TREE	671022.6N 0203942.9E	1365 ft / -	-
ESNB12	STACK	671021.6N 0203921.4E	1414 ft / -	-
ESNB13	TREE	671015.3N 0203545.2E	1578 ft / -	-
ESNB14	TREE	671013.8N 0203536.5E	1592 ft / -	-
ESNB15	TREE	671019.0N 0203539.2E	1598 ft / -	-
ESNB16	TREE	671022.5N 0203539.0E	1622 ft / -	-
ESNB17	TREE	671034.0N 0203552.9E	1641 ft / -	-
ESNB18	TREE	671050.3N 0203551.8E	1740 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				

ESNB 2.11 METEOROLOGICAL INFORMATION PROVIDED

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|--|---|
| 1. Associated MET Office | STOCKHOLM/ARLANDA |
| 2. Hours of service | H24 |
| MET Office outside hours | |
| 3. Office responsible for TAF preparation | STOCKHOLM/ARLANDA |
| Periods of validity, interval of issuance | 9 HR, https://tafplanner.smhi.se/app.php/production-program |
| 4. Trend forecast | - |
| Interval of issuance | |
| 5. Briefing/consultation provided | FPC H24, +46 8 797 63 40, www.lfv.se/fpc |
| 6. Flight documentation | TAF, 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 | GÄLLIVARE AFIS |
| 10. Additional information (limitation of service, etc.) | - |

ESNB 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
12	117.94°	1714 x 45	PCN 22/F/B/X/T ASPH	670809.63N 0204749.86E GUND 93 ft	THR 1027 ft
30	297.97°	1714 x 45	PCN 22/F/B/X/T ASPH	670743.69N 0204955.50E GUND 93.0 ft	THR 971.0 ft TDZ: 990.6 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
12	See ESNG AOC	-	-	1834 x 300	-
30	See ESNG AOC	-	-	1834 x 300	-
Designations RWY NR	Location/ description of arresting system		OFZ (Yes/No)	Remarks	
1	12		13	14	
12	-		-	-	
30	-		-	-	

ESNG 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
12	1714	1714	1714	1714	-
30	1714	1714	1714	1714	-

ESNG 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
12	SALS 150 M LIH	Green	PAPI Left side/4.00° 49 ft	-	-	1714/60 m White Caution zone 600 m yellow LIH	Red	-
30	CAT I 900 M LIH	Green	PAPI Left side/3.00° 56 ft	-	-	1714/60 m White Caution zone 600 m yellow LIH	Red	-
10 Remarks: RWY 12: Barrette CL								
RWY 30: Barrette CL								

ESNG 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 | Windssocks at RWY ends and at apron
500 m NW THR 30 lighted, 300 m SE THR 12 |
| 3. TWY edge and centre line lighting | Edge: A, B
CL: -
LED lights on TWY B edge lights
LED lights on RGL TWY A |
| 4. Secondary power supply/switch-over time | Available/1 sec |
| 5. Remarks | - |

ESNG 2.16 HELICOPTER LANDING AREA

RWY 12/30 to be used

ESNG 2.17 ATS AIRSPACE

- | | | |
|--------------------------------------|--|--|
| 1. Designation and lateral limits | GÄLLIVARE TIZ/ RMZ | 671442N 0202557E - 671237N 0205131E -
670457N 0211700E - 670029N 0211049E -
670456N 0203018E - 671149N 0202147E to point
of origin. |
| 2. Vertical limits | GÄLLIVARE TIZ/RMZ | 1000 ft GND
<hr/> GND |
| 3. Airspace classification | G | |
| 4. ATS unit call sign
Language(s) | GÄLLIVARE INFORMATION
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. | |

ESNG 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
AFIS	GÄLLIVARE	122.330	HO	-
	INFORMATION	121.500	HO	-

ESNG 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 30 ILS CAT I (9° E 2020)	NG	108.10 MHz	H24	670811.5N 0204740.6E	-	-	126 m beyond THR 12 ILS Class I/D/2
GP 30	-	334.70 MHz	H24	670744.0N 0204932.2E	-	-	Angle 3.00° RDH 49.2 ft 253 m past THR 30 left side. During winter angle may vary BTN 3.0° and 3.25° due snow.
L 12	TG	346 kHz	H24	670846.6N 0204437.5E	-	-	Range 15 NM
LO 30	OG	325 kHz	H24	670614.2N 0205707.0E	-	-	Range 15 NM
DME	NG	108.10 MHz	H24	670743.8N 0204932.0E	993 ft	-	DME Channel 18X

ESNG 2.20 LOKALA FLYGPLATSFÖRESKRIFTER

ESNG 2.20 LOCAL AERODROME REGULATIONS

NIL

NIL

**ESNG 2.21 BULLERREDUCERANDE
FÖRFARANDE**

ESNG 2.21 NOISE ABATEMENT PROCEDURES

NIL

NIL

ESNG 2.22 FLYGPROCEDURER

ESNG 2.22 FLIGHT PROCEDURES

1. Startprocedurer, omnidirectional

1. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
12	Climb straight ahead to MNM turning ALT 2700 ft. Continue climb to appropriate MSA.	Tree(CIO)	998	123°/1795
		Pylon	2988	243°/9055
30	Climb straight ahead with MNM 330 ft/NM (5.3%) to MNM turning ALT 3000 ft. Continue climb to appropriate MSA.	Terrain (CIO)	1175	280°/1879
		Pylon	2067	315°/7334
		Pylon	2988	243°/9056

2. Lägsta RVR för avgående trafik är 550 m.

2. Minimum RVR for departing traffic is 550 m.

ESNG 2.23 TILLÄGGSINFORMATION

ESNG 2.23 ADDITIONAL INFORMATION

1. Beviljade undantag från krav i CS-ADR-CSN

1. Granted exemptions from requirements in CS-ADR-CSN

- Länglutningen på banan är maximum 1.0%.
- Första fjärdedelen av bana 30 har länglutning 1.0%.
- Första fjärdedelen av bana 12 har länglutning 0.9%.
- Fasta hinder genomtränger hinderbegränsande ytor.

- Longitudinal slope of the runway is maximum 1.0%.
- RWY 30: The first quarter of the length of runway longitudinal slope is 1.0%.
- RWY 12: The first quarter of the length of runway longitudinal slope is 0.9%.

- Fixed obstacles penetrating the obstacle area.

2. PAPI bana 12 är brantare (4.0°) än inflygningsprocedurena.
 Detta kan medföra att PAPI indikerar fyra röda ljus för flygplan
 som följer vertikal profil för RNP till bana 12.

2. PAPI RWY 12 is steeper (4.0°) than the approach
 procedures. This may result in PAPI showing four red lights for
 aircraft following the RNP vertical profile to RWY 12.

ESNG 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESNG 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

<i>Charts</i>	<i>Pages</i>
Aerodrome Chart - ICAO	AD 2 ESNG 2 - 1
AOC - ICAO Type A RWY 12/30	AD 2 ESNG 3 - 1
IAC - ICAO ILS or LOC RWY 30	AD 2 ESNG 8 - 1
IAC - ICAO NDB RWY 30	AD 2 ESNG 8 - 2
IAC - ICAO NDB RWY 12	AD 2 ESNG 8 - 3
IAC - ICAO RNP RWY 12	AD 2 ESNG 8 - 5
IAC - ICAO RNP RWY 30	AD 2 ESNG 8 - 9
VAC - ICAO	AD 2 ESNG 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESNG GÄLLIVARE 4

ESNG 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

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ESNG 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

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