

**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. | Administration, address, telephone, fax, AFS | Gällivare kommun<br>Gällivare flygplats<br>SE-982 81 Gällivare<br>TEL: +46 (0)970 780 00<br>FAX: +46 (0)970 780 09<br>E-mail: <a href="mailto:airport@gallivare.se">airport@gallivare.se</a><br>AFS: ESNGZTX<br>Website: <a href="http://www.lapair.se">www.lapair.se</a>                      |
| 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 <a href="mailto:airport@gallivare.se">airport@gallivare.se</a> .<br>Caution due intermittent motor vehicles on RWY.<br>Ambulance helicopter is located at the airport. Delays may occur. |

**ESNG 2.3 OPERATIONAL HOURS**

- |     |                                         |                                                                                 |
|-----|-----------------------------------------|---------------------------------------------------------------------------------|
| 1.  | AD Administration<br>AD Operating hours | MON-FRI 0700-1500 (0600-1400)<br>As ATS                                         |
| 2.  | Customs and immigration                 | -                                                                               |
| 3.  | Health and sanitation                   | -                                                                               |
| 4.  | AIS Briefing Office                     | FPC H24, +46 (0)8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a> |
| 5.  | ATS Reporting Office (ARO)              | As ATS                                                                          |
| 6.  | MET Briefing Office                     | FPC H24, +46 (0)8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a> |
| 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/oil types                         | Fuel Jet A1<br>Oil -                                                   |
| 3. | Fuelling facilities/discharge capacity | Jet A1 : 100 000 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 |

**ESNG 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 | In Gällivare       |
| 6. | Tourist Office       | In Gällivare       |
| 7. | Remarks              | -                  |

**ESNG 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|    |                                             |                                                                                                                                 |
|----|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1. | AD category for fire fighting               | CAT 6 for SKED TFC, other O/R                                                                                                   |
| 2. | Rescue equipment                            | Tracked vehicle, snowmobile                                                                                                     |
| 3. | Capability for removal of disabled aircraft | By arrangement. Suitable for aircraft up to CRJ900. Contact Airport duty officer during AD operating hours +46 (0)70 307 40 43. |
| 4. | Remarks                                     | -                                                                                                                               |

**ESNG 2.7 SEASONAL AVAILABILITY – CLEARING**

|    |                             |                                                     |
|----|-----------------------------|-----------------------------------------------------|
| 1. | Types of clearing equipment | Snowploughs, sweepers, blowers, spreaders, slingers |
| 2. | Clearance priorities        | RWY, TWY, Apron                                     |
| 3. | Remarks                     | -                                                   |

**ESNG 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

- |    |                                     |                                                                  |
|----|-------------------------------------|------------------------------------------------------------------|
| 1. | Apron surface and strength          | Apron A ASPH PCN 22 F/B/X/T<br>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<br>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                             | -                                                                |

**ESNG 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<br>RTHL, REDL, RENL<br><br>TWY A: CL, HLDG day marked. Edge lights, RGL<br>B: CL, HLDG day marked. Edge lights, RGL |
| 3. | Stop bars                                                                                                 | -                                                                                                                                                                                |
| 4. | Remarks                                                                                                   | -                                                                                                                                                                                |

ESNG 2.10 AERODROME OBSTACLES

| In Area 2           |             |                      |                     |                           |         |
|---------------------|-------------|----------------------|---------------------|---------------------------|---------|
| OBST ID/Designation | OBST type   | OBST position        | ELEV/HGT<br>in feet | Markings/ Type,<br>colour | Remarks |
| a                   | b           | c                    | d                   | e                         | f       |
| ESNG1               | Forest      | 670731.3N 0205029.3E | 996 / -             | -                         | -       |
| ESNG2               | Forest      | 670731.6N 0205030.9E | 997 / -             | -                         | -       |
| ESNG3               | Forest      | 670731.3N 0205030.6E | 998 / -             | -                         | -       |
| ESNG4               | Forest      | 670717.3N 0205120.2E | 1029 / -            | -                         | -       |
| ESNG5               | LOC Monitor | 670810.5N 0204745.5E | 1030 / -            | -                         | -       |
| ESNG6               | Forest      | 670810.0N 0204726.8E | 1038 / -            | -                         | -       |
| ESNG7               | Forest      | 670817.1N 0204711.7E | 1050 / -            | -                         | -       |
| ESNG8               | Forest      | 670818.5N 0204712.2E | 1056 / -            | -                         | -       |
| ESNG9               | Forest      | 670833.6N 0204454.7E | 1133 / -            | -                         | -       |
| ESNG10              | Forest      | 670833.5N 0204454.0E | 1143 / -            | -                         | -       |
| ESNG11              | Forest      | 670842.8N 0204346.0E | 1181 / -            | -                         | -       |
| ESNG12              | Antenna     | 670954.9N 0203901.9E | 1357 / -            | -                         | -       |
| ESNG13              | Building    | 671024.4N 0203929.0E | 1363 / -            | -                         | -       |
| ESNG14              | Chimney     | 671021.6N 0203921.5E | 1413 / -            | -                         | -       |
| ESNG15              | Forest      | 671044.0N 0203754.2E | 1519 / -            | -                         | -       |
| ESNG16              | Forest      | 671016.2N 0203547.0E | 1591 / -            | -                         | -       |
| ESNG17              | Forest      | 671035.9N 0203552.9E | 1647 / -            | -                         | -       |
| ESNG18              | Forest      | 671046.7N 0203546.2E | 1713 / -            | -                         | -       |

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

## ESNG 2.11 METEOROLOGICAL INFORMATION PROVIDED

- |     |                                                                                     |                                                                                                                                                      |
|-----|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Associated MET Office                                                               | STOCKHOLM/Arlanda                                                                                                                                    |
| 2.  | Hours of service<br>MET Office outside hours                                        | H24                                                                                                                                                  |
| 3.  | Office responsible for TAF preparation<br>Periods of validity, interval of issuance | STOCKHOLM/Arlanda<br>9 HR, <a href="https://tafplanner.smhi.se/app.php/production-program">https://tafplanner.smhi.se/app.php/production-program</a> |
| 4.  | Type of landing forecast<br>Interval of issuance                                    | Not issued                                                                                                                                           |
| 5.  | Briefing/consultation provided                                                      | FPC H24, +46 (0)8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a>                                                                      |
| 6.  | Flight documentation<br>Language(s) used                                            | TAF, METAR, SIGMET, Upper air winds<br>Swedish/English                                                                                               |
| 7.  | Charts and other information available for<br>briefing or consultation              | SWC, WC, Nordic SIGWX Chart, Low level forecast                                                                                                      |
| 8.  | Supplementary equipment available for<br>providing information                      | -                                                                                                                                                    |
| 9.  | ATS units provided with information                                                 | GÄLLIVARE AFIS                                                                                                                                       |
| 10. | Additional information (limitation of service,<br>etc.)                             | -                                                                                                                                                    |

## ESNG 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY<br>NR | True BRG and<br>MAG BRG | Dimensions of<br>RWY (m) | Strength (PCN) and<br>surface of RWY and<br>SWY | THR coordinates<br>RWY end coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of<br>TDZ of precision<br>APCH RWY |
|---------------------------|-------------------------|--------------------------|-------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|
| 1                         | 2                       | 3                        | 4                                               | 5                                                              | 6                                                                         |
| 12                        | 117.94° GEO<br>109° MAG | 1714 x 45                | PCN 22 F/B/X/T<br>ASPH                          | 670809.63N<br>0204749.86E<br><br>GUND 93 ft                    | THR 1027 ft                                                               |
| 30                        | 297.97° GEO<br>289° MAG | 1714 x 45                | PCN 22 F/B/X/T<br>ASPH                          | 670743.69N<br>0204955.50E<br><br>GUND 93.0 ft                  | THR 971.0 ft<br>TDZ 990.6 ft                                              |

  

| Slope of<br>RWY-SWY | SWY<br>dimensions (m) | CWY<br>dimensions (m) | Strip<br>dimensions (m) | OFZ | Remarks |
|---------------------|-----------------------|-----------------------|-------------------------|-----|---------|
| 7                   | 8                     | 9                     | 10                      | 11  | 12      |
| 12 See ESNG AOC     | -                     | -                     | 1834 x 300              | -   | -       |
| 30 See ESNG AOC     | -                     | -                     | 1834 x 300              | -   | -       |

## 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<br>Type, LEN<br>INTST       | THR LGT<br>Colour<br>WBAR | VASIS<br>(MEHT)                 | TDZ LGT<br>LEN | RWY Centre<br>Line LGT<br>LEN, Spacing<br>Colour<br>INTST | RWY Edge<br>LGT<br>LEN, Spacing<br>Colour<br>INTST        | RWY End<br>LGT<br>Colour<br>WBAR | SWY LGT<br>LEN,<br>Colour |
|----------------|--------------------------------------|---------------------------|---------------------------------|----------------|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------|---------------------------|
| 1              | 2                                    | 3                         | 4                               | 5              | 6                                                         | 7                                                         | 8                                | 9                         |
| 12             | Barrette CL<br>SALS<br>150 m<br>LIH  | Green                     | PAPI<br>Left/4.00°<br>(49.2 ft) | -              | -                                                         | 1714/60 m<br>White<br>Caution zone<br>600 m yellow<br>LIH | Red                              | -                         |
| 30             | Barrette CL<br>CAT I<br>900 m<br>LIH | Green                     | PAPI<br>Left/3.00°<br>(55.8 ft) | -              | -                                                         | 1714/60 m<br>White<br>Caution zone<br>600 m yellow<br>LIH | Red                              | -                         |
| 10 Remarks: -  |                                      |                           |                                 |                |                                                           |                                                           |                                  |                           |

## 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 Windsocks 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: TWY A, B  
CL: -
4. Secondary power supply/switch-over time Available/15 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 -  
671442N 0202557E
2. Vertical limits GÄLLIVARE TIZ/RMZ 1000 ft GND  
GND
3. Airspace classification G
4. ATS unit call sign  
Language(s) GÄLLIVARE INFORMATION  
Swedish/English
5. Transition altitude 5000 ft AMSL
6. Remarks Continuous two-way radiocommunication required in TIZ/RMZ.  
TIZ/RMZ established during hours of AFIS.

## ESNG 2.18 ATS COMMUNICATION FACILITIES

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

## ESNG 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(for VOR/ILS/MLS<br>give VAR) | ID | Frequency  | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of DME<br>transmitting<br>antenna | Remarks                                                                                                               |
|----------------------------------------------------------------|----|------------|-----------------------|---------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1                                                              | 2  | 3          | 4                     | 5                                                 | 6                                           | 7                                                                                                                     |
| L 12                                                           | TG | 346 kHz    | H24                   | 670846.6N<br>0204437.5E                           |                                             | Range 15 NM                                                                                                           |
| LOC 30<br>ILS CAT I<br>(9° E 2020)                             | NG | 108.10 MHz | H24                   | 670811.5N<br>0204740.6E                           |                                             | 126 m beyond THR 12<br>ILS class I/D/2                                                                                |
| GP                                                             |    | 334.70 MHz | H24                   | 670744.0N<br>0204932.2E                           |                                             | Angle 3.0° RDH 49.2 ft<br>253 m past THR 30 left side<br>During winter angle may vary<br>BTN 3.0° and 3.25° due snow. |
| LO 30                                                          | OG | 325 kHz    | H24                   | 670614.2N<br>0205707.0E                           |                                             | Range 15 NM                                                                                                           |
| DME                                                            | NG | 108.10 MHz | H24                   | 670743.8N<br>0204932.0E                           | 993 ft                                      | DME channel 18X                                                                                                       |

## ESNG 2.20 LOKALA TRAFIKFÖRESKRIFTER

NIL

## LOCAL TRAFFIC REGULATIONS

NIL

## ESNG 2.21 MINSKNING AV BULLERSTÖRNING

NIL

## NOISE ABATEMENT PROCEDURES

NIL

## ESNG 2.22 FLYGPROCEDURER

1 Startprocedurer, omnidirectional

## FLIGHT PROCEDURES

1 Omnidirectional departure procedures

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

2 Lägsta RVR för avgående trafik är 400 m.

2 Minimum RVR for departing traffic is 400 m.

## ESNG 2.23 ÖVRIG INFORMATION

- 1 Beviljade undantag från krav i 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.

## ADDITIONAL INFORMATION

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

## ESNG 2.24 TILLHÖRANDE KARTOR

AD chart  
AOC  
List of waypoints and significant points  
IAC  
IAC  
IAC  
IAC  
IAC  
VAC

RWY 12/30

ILS or LOC RWY 30

NDB RWY 30

NDB RWY 12

RNP RWY 12

RNP RWY 30

## RELATED CHARTS

ESNG 2-1  
ESNG 3-1  
ESNG 4-3  
ESNG 5-1  
ESNG 5-2  
ESNG 5-3  
ESNG 5-5  
ESNG 5-9  
ESNG 6-1