

**AD 2 AERODROMES****ESUP 2.1 AERODROME LOCATION INDICATOR AND NAME****ESUP – PAJALA****ESUP 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- |    |                                              |                                                                                                                                                                                                                                                        |
|----|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | ARP coordinates and site at AD               | 671445N 0230408E                                                                                                                                                                                                                                       |
| 2. | Direction and distance from (city)           | W 6.5 NM from Pajala                                                                                                                                                                                                                                   |
| 3. | Elevation/Reference temperature              | 542 ft/+18.0°C                                                                                                                                                                                                                                         |
| 4. | Geoid undulation at AD ELEV PSN              | 82 ft                                                                                                                                                                                                                                                  |
| 5. | MAG VAR/Annual change                        | 9° E 2015/+0.1 increasing                                                                                                                                                                                                                              |
| 6. | Administration, address, telephone, fax, AFS | Pajala Airport<br>SE-984 91 Pajala<br>TEL: +46 (0)978 511 10<br>FAX: +46 (0)978 511 50<br>E-mail: <a href="mailto:airport@pajala.se">airport@pajala.se</a><br>AFS: ESUPZTZX<br>Website: <a href="http://www.pajalaairport.se">www.pajalaairport.se</a> |
| 7. | Types of traffic permitted (IFR/VFR)         | IFR/VFR. Max RWY ref code 4C                                                                                                                                                                                                                           |
| 8. | Remarks                                      | -                                                                                                                                                                                                                                                      |

**ESUP 2.3 OPERATIONAL HOURS**

- |     |                                         |                                                                                 |
|-----|-----------------------------------------|---------------------------------------------------------------------------------|
| 1.  | AD Administration<br>AD Operating hours | HX<br>HX                                                                        |
| 2.  | Customs and immigration                 | O/R                                                                             |
| 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                                | O/R                                                                             |
| 9.  | Handling                                | O/R                                                                             |
| 10. | Security                                | O/R                                                                             |
| 11. | De-Icing                                | O/R                                                                             |
| 12. | Remarks                                 | -                                                                               |

**ESUP 2.4 HANDLING SERVICES AND FACILITIES**

- |    |                                        |                                       |
|----|----------------------------------------|---------------------------------------|
| 1. | Cargo-handling facilities              | Limited                               |
| 2. | Fuel/oil types                         | Fuel Jet A1, 100LL<br>Oil -           |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 10,000 l<br>100LL: 11,500 l   |
| 4. | De-icing facilities                    | Available, Type I and II, mobile unit |
| 5. | Hangar space for visiting ACFT         | Limited O/R TEL +46 (0)978 511 10     |
| 6. | Repair facilities for visiting ACFT    | -                                     |
| 7. | Remarks                                | -                                     |

**ESUP 2.5 PASSENGER FACILITIES**

- |    |                      |                                     |
|----|----------------------|-------------------------------------|
| 1. | Hotels               | In Pajala                           |
| 2. | Restaurants          | In Pajala                           |
| 3. | Transportation       | Buses, taxis, rental cars, bicycles |
| 4. | Medical facilities   | In Pajala                           |
| 5. | Bank and Post Office | In Pajala                           |
| 6. | Tourist Office       | In Pajala                           |
| 7. | Remarks              | -                                   |

**ESUP 2.6 RESCUE AND FIRE FIGHTING SERVICES**

- |    |                                             |                                                                          |
|----|---------------------------------------------|--------------------------------------------------------------------------|
| 1. | AD category for fire fighting               | PPR CAT 5 or higher, TEL +46 (0)978 511 10                               |
| 2. | Rescue equipment                            | Tracked vehicle, snowmobile and by arrangement, municipal rescue service |
| 3. | Capability for removal of disabled aircraft | By arrangement                                                           |
| 4. | Remarks                                     | -                                                                        |

**ESUP 2.7 SEASONAL AVAILABILITY – CLEARING**

- |    |                             |                                                   |
|----|-----------------------------|---------------------------------------------------|
| 1. | Types of clearing equipment | Snowplough, sweeper, blower, spreader, slinger    |
| 2. | Clearance priorities        | RWY, TWY, Apron                                   |
| 3. | Remarks                     | Clearing on SAT and HOL O/R TEL +46 (0)978 511 10 |

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

- |    |                                     |                                |
|----|-------------------------------------|--------------------------------|
| 1. | Apron surface and strength          | Apron ASPH PCN 20 F/B/X/T      |
| 2. | Taxiway width, surface and strength | TWY A 23 m ASPH PCN 20 F/B/X/T |
| 3. | ACL, location and elevation         | Apron 541 ft                   |
| 4. | VOR checkpoints                     | -                              |
| 5. | INS checkpoints                     | -                              |
| 6. | Remarks                             | -                              |

**ESUP 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 | Stand ID (lighted), taxi guide lines. Marshalling available                                                                            |
| 2. | RWY and TWY markings and LGT                                                                              | RWY 11/29: Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.<br><br>TWY A: HLDG and CL day marked. Edge lights, RGL |
| 3. | Stop bars                                                                                                 | -                                                                                                                                      |
| 4. | Remarks                                                                                                   | -                                                                                                                                      |

**ESUP 2.10 AERODROME OBSTACLES**

| In Area 2           |           |               |          |                        |         |
|---------------------|-----------|---------------|----------|------------------------|---------|
| OBST ID/Designation | OBST type | OBST position | ELEV/HGT | Markings/ Type, colour | Remarks |
| a                   | b         | c             | d        | e                      | f       |
| Not available       |           |               |          |                        |         |

  

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

**ESUP 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       | TAF not produced                                                                |
| 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                            | SIGMET, Upper air winds<br>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                                 | PAJALA AFIS                                                                     |
| 10. | Additional information (limitation of service, etc.)                | Flight planning room available.                                                 |

## ESUP 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                                                                         |
| 11                        | 118.19° GEO<br>109° MAG | 2302 x 45                | PCN 20 F/B/X/T<br>ASPH                          | 671458.32N<br>0230304.33E<br><br>GUND 82 ft                    | THR 540.4 ft<br>TDZ 542 ft                                                |
| 29                        | 298.24° GEO<br>289° MAG | 2302 x 45                | PCN 20 F/B/X/T<br>ASPH                          | 671423.19N<br>0230553.46E<br><br>GUND 82 ft                    | THR 542 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      |
| 11 See ESUP AOC     | -                     | -                     | 2482 x 300              | -   | -       |
| 29 See ESUP AOC     | -                     | -                     | 2482 x 300              | -   | -       |

## ESUP 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|----------|----------|----------|---------|---------|
| 1              | 2        | 3        | 4        | 5       | 6       |
| 11             | 2302     | 2302     | 2302     | 2302    | -       |
| 29             | 2302     | 2302     | 2302     | 2302    | -       |

## ESUP 2.14 APPROACH AND RUNWAY LIGHTING

| RWY<br>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                         |
| 11                | Barrette CL<br>CAT I<br>900 m<br>LIL/LIH | Green                     | PAPI<br>Left/3.00°<br>(50.0 ft) | -              | -                                                         | 2300/60 m<br>White<br>Caution zone<br>600 m yellow<br>LIL/LIH | Red                              | -                         |
| 29                | SALS<br>420 m<br>LIL/LIH                 | Green                     | PAPI<br>Left/3.00°<br>(50.0 ft) | -              | -                                                         | 2300/60 m<br>White<br>Caution zone<br>600 m yellow<br>LIL/LIH | Red                              | -                         |

10 Remarks: RWY 11: PCL LIL RWY on frequency 118.375 MHz for 10 sec.  
RWY 29: PCL LIL RWY on frequency 118.375 MHz for 10 sec.

**ESUP 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

- |    |                                                          |                                                                                   |
|----|----------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1. | ABN/IBN location, characteristics and hours of operation | ABN at TWR<br>FLG W/G 24/min AFIS HX                                              |
| 2. | LDI location and LGT<br>Anemometer location and LGT      | Lighted windsock S Apron, small windsocks at THR 11/29<br>At PAPI RWY 11, lighted |
| 3. | TWY edge and centre line lighting                        | Edge: TWY A<br><br>CL: -                                                          |
| 4. | Secondary power supply/switch-over time                  | Available/15 sec                                                                  |
| 5. | Remarks                                                  | -                                                                                 |

**ESUP 2.16 HELICOPTER LANDING AREA**

RWY 11/29 to be used

**ESUP 2.17 ATS AIRSPACE**

- |    |                                   |                                       |                                                                                                                                             |
|----|-----------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Designation and lateral limits    | PAJALA TIZ                            | 672041N 0230901E - 671351N 0232621E -<br>670847N 0231915E - 670919N 0225625E -<br>671735N 0223839E - 672003N 0224123E -<br>672041N 0230901E |
| 2. | Vertical limits                   | PAJALA TIZ                            | <u>2000 ft AMSL</u><br>GND                                                                                                                  |
| 3. | Airspace classification           | G                                     |                                                                                                                                             |
| 4. | ATS unit call sign<br>Language(s) | PAJALA INFORMATION<br>Swedish/English |                                                                                                                                             |
| 5. | Transition altitude               | 5000 ft AMSL                          |                                                                                                                                             |
| 6. | Remarks                           | TIZ established during hours of AFIS. |                                                                                                                                             |

**ESUP 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign          | Frequency   | Hours of operation | Remarks |
|---------------------|--------------------|-------------|--------------------|---------|
| 1                   | 2                  | 3           | 4                  | 5       |
| AFIS                | PAJALA INFORMATION | 118.375 MHz | HO                 | -       |
|                     |                    | 121.500 MHz | HO                 | -       |

## ESUP 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                                                                                                |
| LOC 11<br>ILS CAT I<br>(9° E 2015)                             | IUP | 111.50 MHz | H24                   | 671418.7N<br>0230614.9E                           |                                             | 292 m beyond THR 29                                                                              |
| GP                                                             |     | 332.90 MHz | H24                   | 671457.2N<br>0230330.9E                           |                                             | Angle 3.0° RDH 51 ft<br>297 m past THR 11 left side<br>Horizontal coverage limited to<br>± 6 DEG |
| L 11                                                           | PAJ | 390 kHz    | H24                   | 671603.9N<br>0225633.8E                           |                                             | -                                                                                                |
| DME                                                            | IUP | 111.50 MHz | H24                   | 671457.3N<br>0230331.0E                           | 560 ft                                      | DME channel 52X                                                                                  |
| DME                                                            | PJL | 115.35 MHz | H24                   | 671455.9N<br>0230344.2E                           | 602 ft                                      | Enroute only<br>DME channel 100Y                                                                 |

## ESUP 2.20 LOKALA TRAFIKFÖRESKRIFTER

Högervarv tillämpas när bana 11 är i användning.

## LOCAL TRAFFIC REGULATIONS

Right hand traffic circuit when RWY 11 is in use.

## ESUP 2.21 MINSKNING AV BULLERSTÖRNING

Lågflygning över bebyggda delar av Pajala bör undvikas.

## NOISE ABATEMENT PROCEDURES

Low flying over built up areas of Pajala should be avoided.

## ESUP 2.22 FLYGPROCEDURER

Startprocedur, omnidirectional

## FLIGHT PROCEDURES

Omnidirectional departure procedures

| RWY | Procedure                                                                                                        | Significant obstacle                     |                    |                                      |
|-----|------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|--------------------------------------|
|     |                                                                                                                  | Obstacle                                 | Elevation (ft)     | Direction (GEO)/Dist (m)<br>from THR |
| 11  | Climb straight ahead with MNM 250 ft/NM (4.1%) to MNM turning ALT 1700 ft.<br>Continue climb to appropriate MSA. | Pine Tree<br>Pylon<br>Pine Tree<br>(CIO) | 971<br>1897<br>609 | 131°/6346<br>067°/8447<br>114°/2518  |
| 29  | Climb straight ahead to MNM turning ALT 1400 ft.<br>Continue climb to appropriate MSA.                           | Pylon<br>Pine Tree<br>(CIO)              | 1897<br>617        | 053°/7227<br>304°/1534               |

## ESUP 2.23 ÖVRIG INFORMATION

NIL

## ADDITIONAL INFORMATION

NIL

**ESUP 2.24 TILLHÖRANDE KARTOR**

|          |                |
|----------|----------------|
| AD chart |                |
| AOC      | RWY 11/29      |
| IAC      | NDB+DME+ILS 11 |
| IAC      | NDB+DME 11     |
| IAC      | NDB+DME 29     |
| VAC      |                |

**RELATED CHARTS**

|          |
|----------|
| ESUP 2-1 |
| ESUP-3-1 |
| ESUP-5-1 |
| ESUP-5-2 |
| ESUP-5-3 |
| ESUP 6-1 |