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**	81 ft
5.	**MAG VAR/Annual change**	13° E (2025)/+0.1 increasing
6.	**Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website**	Pajala Airport SE-984 91 Pajala TEL: +46 978 129 60 E-mail: airport@pajala.se AFS: ESUPZTZX Website: www.pajala.se/pajala-airport
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. TEL +46 978 129 60 or airport@pajala.se. Caution due to intermittent motor vehicles on RWY. Airport Manager TEL +46 978 129 50.

ESUP 2.3 OPERATIONAL HOURS

1.	**AD operator**	MON-FRI 0700-1400 (0600-1300)
	AD Operating hours	As ATS
2.	**Customs and immigration**	O/R
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**	O/R
11.	**De-Icing**	For scheduled flights, other O/R, 8 HR PN
12.	**Remarks**	Increased charges outside hours of scheduled operations

ESUP 2.4 HANDLING SERVICES AND FACILITIES

1.	**Cargo-handling facilities**	Limited O/R
2.	**Fuel and oil types**	Fuel: Jet A1 Oil: -
3.	**Fuelling facilities and capacity**	Jet A1: 30,000 l, stationary unit
4.	**De-icing facilities**	Available, Type I and II, mobile unit
5.	**Hangar space for visiting ACFT**	Limited O/R
6.	**Repair facilities for visiting ACFT**	-

7.	**Remarks**	For payment of fuel only VISA and Mastercard credit cards are accepted. Fuel supplier Air BP.

ESUP 2.5 PASSENGER FACILITIES

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

ESUP 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	**AD category for fire fighting**	CAT 3 during operational hours. Other O/R.
2.	**Rescue equipment**	Tracked vehicle, snowmobile and by arrangement, municipal rescue service
3.	**Capability for removal of disabled aircraft**	By arrangement. Suitable for ACFT up to 60 tonnes.
4.	**Remarks**	-

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

1.	**Types of clearing equipment**	Snowplough, sweeper, blower, spreader, slinger
2.	**Clearance priorities**	RWY, TWY, Apron
3.	**Use of material for movement area surface treatment**	RWY 11/29 de-iced with SAND TWY de-iced with SAND
4.	**Specially prepared winter runways**	-
5.	**Remarks**	-

ESUP 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1.	**Apron surface and strength**	Apron ASPH PCN 20/F/B/X/T
2.	**Taxiway width, surface and strength**	TWY A 22 m ASPH PCN 20/F/B/X/T
3.	**ACL, location and elevation**	Apron, see ESUP Aerodrome Chart.
4.	**VOR checkpoints**	-
5.	**INS checkpoints**	See ESUP Aerodrome Chart.
6.	**Remarks**	Apron PCN 45 APRX NOV-MAR, during frozen ground. TWY A PCN 45 APRX NOV-MAR, during frozen ground.

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**	TWY guide Stand ID (lighted), taxi guide lines up to code B.
2.	**RWY and TWY markings and LGT**	RWY 11/29: Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL. TWY: 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**
a	**b**	**c**	**d**	**e**
ESUP1	TREE	671504.6N 0230251.6E	568 ft / -	-
ESUP2	TREE	671509.6N 0230136.5E	610 ft / -	-
ESUP3	TREE	671510.4N 0230136.9E	611 ft / -	-
ESUP4	TREE	671510.2N 0230128.9E	614 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			

ESUP 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, interval of issuance**	TAF not produced
4.	**Trend forecast** **Interval of issuance**	-
5.	**Briefing/consultation provided**	FPC H24, +46 8 797 63 40, www.lfv.se/fpc
6.	**Flight documentation** **Language(s) used**	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**	PAJALA AFIS
10.	**Additional information (limitation of service, etc.)**	Flight planning room available

ESUP 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**
11	118.19°	2300 x 45	PCN 20/F/B/X/T PCN 45 APRX NOV-MAR, during frozen ground. ASPH	671458.29N 0230304.47E GUND 80.8 ft	THR 540.5 ft TDZ: 541.4 ft

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
29	298.23°	2300 x 45	PCN 20/F/B/X/T PCN 45 APRX NOV-MAR, during frozen ground. ASPH	671423.19N 0230553.45E GUND 81 ft	THR 541 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
11	See ESUP AOC	-	-	2480 x 300	90 x 90
29	See ESUP AOC	-	-	2480 x 300	90 x 90

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
11	-	-	-
29	-	-	-

ESUP 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
11	2300	2300	2300	2300	-
29	2300	2300	2300	2300	-

ESUP 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
11	CAT I 900 M LIL/LIH	Green	PAPI Left side/3.00° 50 ft	-	-	2300/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
29	SALS 420 M LIL/LIH	Green	PAPI Left side/3.00° 50 ft	-	-	2300/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks:	RWY 11: Barrette CL PCL LIL RWY on frequency 118.380 MHz for 10 sec. RWY 29: PCL LIL RWY on frequency 118.380 MHz for 10 sec.							

ESUP 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	**ABN/IBN location, characteristics and hours of operation**	-
2.	**LDI location and LGT**	Windsock S Apron, Lighted. Windsock at DME PJL and at RWY ENDs
	Anemometer location and LGT	At PAPI RWY 11 and 400 m NW THR 29. Lighted
3.	**TWY edge and centre line lighting**	Edge: A 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/RMZ	672041N 0230901E - 671351N 0232621E - 670847N 0231915E - 670919N 0225625E - 671735N 0223839E - 672003N 0224123E to point of origin.
2.	**Vertical limits**	PAJALA TIZ/RMZ	2000 ft AMSL GND
3.	**Airspace classification**	G	
4.	**ATS unit call sign** **Language(s)**	PAJALA 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.	

ESUP 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
AFIS	PAJALA INFORMATION	118.380	HO	-
		121.500	HO	-

ESUP 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 11 ILS CAT I (13° E 2025)	IUP	111.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS.	671418.7N 0230614.9E	-	-	293 m beyond THR 29 ILS Class I/D/2
GP 11	-	332.90 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS.	671457.2N 0230330.9E	-	-	Angle 3.00° RDH 50.9 ft 295 m past THR 11 left side
L 11	PAJ	390 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS.	671603.8N 0225633.9E	-	-	
DME	IUP	111.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS.	671457.3N 0230331.0E	552 ft	-	DME Channel 52X
DME	PJL	115.35 MHz	H24	671455.9N 0230344.2E	594 ft	-	Enroute only DME Channel 100Y

ESUP 2.20 LOKALA FLYGPLATSFÖRESKRIFTER

Högervarv tillämpas när bana 11 är i användning.

ESUP 2.20 LOCAL AERODROME REGULATIONS

Right hand traffic circuit when RWY 11 is in use.

ESUP 2.21 BULLERREDUCERANDE FÖRFARANDEN

Lågflygning över bebyggda delar av Pajala bör undvikas.

ESUP 2.21 NOISE ABATEMENT PROCEDURES

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

ESUP 2.22 FLYGPROCEDURER

1. Startprocedur, omnidirectional

ESUP 2.22 FLIGHT PROCEDURES

1. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
11	Climb straight ahead with MNM 250 ft/NM (4.1%) to MNM turning ALT 1700 ft. Continue climb to appropriate MSA.	Pine Tree	972	131°/6350
		Pylon	1897	067°/8440
		CIO exist		
29	Climb straight ahead to MNM turning ALT 1400 ft. Continue climb to appropriate MSA.	Pylon	1897	053°/7220
		CIO exist		

2. RVR 550 m eller mer krävs för start bana 11/29.

2. RVR 550 m or more is required for departure RWY 11/29.

ESUP 2.23 TILLÄGGSINFORMATION

NIL

ESUP 2.23 ADDITIONAL INFORMATION

NIL

ESUP 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESUP 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

Charts	*Pages*
Aerodrome Chart - ICAO	AD 2 ESUP 2 - 1
AOC - ICAO Type A RWY 11/29	AD 2 ESUP 3 - 1
IAC - ICAO ILS z or LOC z RWY 11	AD 2 ESUP 8 - 1
IAC - ICAO ILS y or LOC y RWY 11	AD 2 ESUP 8 - 3
IAC - ICAO NDB RWY 11	AD 2 ESUP 8 - 5
IAC - ICAO NDB RWY 29	AD 2 ESUP 8 - 7
IAC - ICAO RNP RWY 11	AD 2 ESUP 8 - 9
IAC - ICAO RNP RWY 29	AD 2 ESUP 8 - 13
VAC - ICAO	AD 2 ESUP 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESUP PAJALA 4

ESUP 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

1. NDB RWY 11 och RNP (LNAV) RWY 11

Hinder från 0.4 NM till 0.3 NM före bantröskel genomtränger ytan för visuella segmentet.

2. NDB RWY 29 och RNP (LNAV) RWY 29

Hinder från 0.3 NM till 0.1 NM före bantröskel genomtränger ytan för visuella segmentet.

ESUP 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

1. NDB RWY 11 and RNP (LNAV) RWY 11

Obstacles from 0.4 NM to 0.3 NM prior THR penetrate visual segment surface.

2. NDB RWY 29 and RNP (LNAV) RWY 29

Obstacles from 0.3 NM to 0.1 NM prior THR penetrate visual segment surface.