

AD 2 AERODROMES**ESND 2.1 AERODROME LOCATION INDICATOR AND NAME****ESND – SVEG****ESND 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 620252N 0142527E RWY 687 m from THR 27 |
| 2. | Direction and distance from (city) | NE 2.4 NM from Sveg |
| 3. | Elevation/Reference temperature | 1178 ft/+23.3°C |
| 4. | Geoid undulation at AD ELEV PSN | 109 ft |
| 5. | MAG VAR/Annual change | 6° E 2025/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Härjedalen Airport
Flygplatsvägen 5
SE-842 92 Sveg
TEL: +46 (0)680 71 42 50
E-mail: info@harjedalenairport.se
AFS: ESNDZTZX
Website: www.harjedalenairport.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 3C |
| 8. | Remarks | PPR for IFR traffic and ACFT that requires RWY ref code 3C
IFR traffic requires ATS availability
VFR traffic without ATS upon PIC discretion |

ESND 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | Ref AIP SUP/NOTAM
H24 |
| 2. | Customs and immigration | O/R |
| 3. | Health and sanitation | - |
| 4. | AIS Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 5. | ATS Reporting Office (ARO) | H24 |
| 6. | MET Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 7. | ATS | AFIS for SKED TFC, other O/R from AD
Administration +46 (0)680 71 13 51 |
| 8. | Fuelling | As AD Administration |
| 9. | Handling | As AD Administration |
| 10. | Security | O/R |
| 11. | De-Icing | As AD Administration |
| 12. | Remarks | - |

ESND 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	-
2.	Fuel/oil types	Fuel Jet A1, 100LL Oil -
3.	Fuelling facilities/discharge capacity	Jet A1: 50,000 l in stationary unit and 20,000 l in fuel truck 100LL: 20,000 l in stationary unit
4.	De-icing facilities	Available, Type I and II, mobile unit
5.	Hangar space for visiting ACFT	Limited
6.	Repair facilities for visiting ACFT	Limited
7.	Remarks	-

ESND 2.5 PASSENGER FACILITIES

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

ESND 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Cat 3 for SKED TFC, up to CAT 5 O/R 24 HR PN +46 (0)680 71 13 50
2.	Rescue equipment	By arrangement, municipal rescue service
3.	Capability for removal of disabled aircraft	By arrangement, contact aerodrome coordinator +46(0)680 71 13 50
4.	Remarks	-

ESND 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Blowers, sweepers, slingers, snowplough
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	Normally no clearing SAT and HOL

ESND 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--|
| 1. | Apron surface and strength | Apron E ASPH PCN 33 F/B/X/T
Apron W ASPH PCN 23 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 15 m ASPH PCN 20 F/B/X/T |
| 3. | ACL, location and elevation | Apron 1172 ft |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | - |

ESND 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 | - |
| 2. | RWY and TWY markings and LGT | RWY 09/27: Designator, THR, TDZ, CL and edges are day marked.
RTHL, REDL, RENL

TWY A: CL, HLDG, day marked. Edge lights, RGL |
| 3. | Stop bars | - |
| 4. | Remarks | - |

ESND 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT in feet	Markings/ Type, colour	Remarks
a	b	c	d	e	f
ESND1	Navaid	620253.4N 0142628.8E	1188 / -	-	-
ESND2	Tree	620259.1N 0142659.8E	1207 / -	-	-
ESND3	Tree	620259.3N 0142702.9E	1225 / -	-	-
ESND4	Tree	620259.5N 0142703.8E	1227 / -	-	-
ESND5	Tree	620258.8N 0142705.1E	1236 / -	-	-
ESND6	Tree	620257.9N 0142707.3E	1242 / -	-	-
ESND7	Fence	620249.7N 0142406.9E	1179 / -	-	-
ESND8	Fence	620250.0N 0142406.8E	1180 / -	-	-
ESND9	Tree	620246.9N 0142344.0E	1195 / -	-	-
ESND10	Vegetation	620250.8N 0142341.5E	1196 / -	-	-
ESND11	Tree	620250.7N 0142340.9E	1197 / -	-	-
ESND12	Tree	620247.1N 0142338.2E	1212 / -	-	-
ESND13	Tree	620244.4N 0142333.9E	1219 / -	-	-
ESND14	Tree	620244.8N 0142333.0E	1220 / -	-	-
ESND15	Tree	620254.8N 0142325.8E	1239 / -	-	-
ESND16	Tree	620303.2N 0141904.6E	1391 / -	-	-
In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

ESND 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 | TAF not produced |
| 4. | Type of landing forecast
Interval of issuance | Not issued |
| 5. | Briefing/consultation provided | FPC H24, +46 (0)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 | SVEG AFIS |
| 10. | Additional information (limitation of service,
etc.) | - |

ESND 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG and MAG 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
09	087.03° GEO 081° MAG	1701 x 30	PCN 29 F/B/X/T ASPH	620250.41N 0142417.28E GUND 109 ft	THR 1172.7 ft TDZ 1177 ft
27	267.06° GEO 261° MAG	1701 x 30	PCN 29 F/B/X/T ASPH	620253.24N 0142614.19E GUND 109 ft	THR 1177 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
09 See ESND AOC	-	-	1821 x 280	-	See AD Chart for Strip limitation.
27 See ESND AOC	-	-	1821 x 280	-	See AD Chart for Strip limitation.

ESND 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
09	1701	1701	1701	1701	-
27	1701	1701	1701	1701	-

ESND 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
09	Barrette CL CAT I 630 m LIL/LIH	Green	PAPI Left/3.00° (50.0 ft)	-	-	1701/60 m White Caution zone 575 m yellow LIL/LIH	Red	-
27	-	Green	PAPI Left/3.00° (50.0 ft)	-	-	1701/60 m White Caution zone 575 m yellow LIL/LIH	Red	-

10 Remarks: RWY 09: LED lights on APCH, RTHL, REDL and RENL
PCL LIL RWY on channel 122.205 for 8 SEC.
RWY 27: LED lights on RTHL, REDL and RENL
PCL LIL RWY on channel 122.205 for 8 SEC.

ESND 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 Lighted windsocks S TDZ RWY 09/27
200 m past THR 09 right side, lighted
150 m past THR 27 left side, lighted
3. TWY edge and centre line lighting
Edge: TWY A
CL: -
LED lights on all TWY edge lights
LED lights on all RGL
4. Secondary power supply/switch-over time Available/15 sec
5. Remarks -

ESND 2.16 HELICOPTER LANDING AREA

RWY 09/27 to be used

ESND 2.17 ATS AIRSPACE

1.	Designation and lateral limits	SVEG TIZ/RMZ	620742N 0142424E - 620414N 0144438E - 620224N 0144449E - 615800N 0142524E - 620051N 0140547E - 620352N 0140528E - 620742N 0142424E
2.	Vertical limits	SVEG TIZ/RMZ	<u>3500 ft AMSL</u> GND
3.	Airspace classification	G	
4.	ATS unit call sign Language(s)	SVEG INFORMATION Swedish/English	
5.	Transition altitude	6000 ft AMSL	
6.	Remarks	Continuous two-way radiocommunication required in TIZ/RMZ. TIZ/RMZ established during hours of AFIS.	

ESND 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	SVEG INFORMATION	122.205	HO	-
		121.500	HO	-

ESND 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	Remarks
1	2	3	4	5	6	7
LOC 09 ILS CAT I (6° E 2025)	IND	109.10 MHz	H24	620253.6N 0142628.7E		210 m beyond THR 27 ILS Class I/E/2
GP		331.40 MHz	H24	620254.8N 0142437.8E		Angle 3.0° RDH 53 ft 305 m past THR 09
L 09	OY	368 kHz	H24	620243.5N 0141934.0E		Range 30 NM
DME	IND	109.10 MHz	H24	620255.0N 0142437.8E	1201 ft	DME channel 28X
DME	SVE	113.95 MHz	H24	620247.2N 0142443.4E	1175 ft	DME channel 86Y

ESND 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Vid VFR-landning utanför ATS öppethållning ska avsikt att landa samt ETA tydligt aviseras på kanal 122.205 och banan ska korsas (500 ft + trafikvarvshöjd) för att säkerställa fri tillgänglighet samt att uppmärksamma eventuella personer och annan trafik på banan. Om bana och stråk inte är tillgänglig i sin fulla längd och bredd så ska inte landning genomföras.

2. Vid start utanför ATS öppethållning ska avsikt att starta och ETD tydligt aviseras på kanal 122.205. Är bana och stråk inte tillgänglig i sin fulla längd och bredd så ska inte start genomföras.

LOCAL TRAFFIC REGULATIONS

For VFR landing outside ATS hours the intention to land and ETA should be clearly declared on channel 122.205 followed by a RWY crossing (500 ft + traffic pattern altitude) in order to verify RWY availability and alerting any persons and other traffic on RWY. If the runway and runway strip are not available in their full length and width, the landing should not be carried out.

For take-off outside ATS hours the intention to take-off and ETD shall be clearly declared on channel 122.205. If the runway and runway strip are not available in their full length and width, the start should not be carried out.

ESND 2.21 MINSKNING AV BULLERSTÖRNING

1. Överflygning av Sveg samhälle bör undvikas.
2. Efter start RWY 27 får vänstersväng inte påbörjas förrän en höjd av 2500 ft AMSL har uppnåtts.

ESND 2.22 FLYGPROCEDURER

Startprocedurer, omnidirectional

NOISE ABATEMENT PROCEDURES

1. Overflying of the built up areas of Sveg should be avoided.
2. After take-off RWY 27 left hand turn must not be initiated until an altitude of 2500 ft AMSL has been reached.

FLIGHT PROCEDURES

Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
09	Climb straight ahead to MNM turning ALT 2000 ft. Continue climb to appropriate MSA. Sector 188° – 218° GEO from ARP not to be entered until ALT 3900 ft is reached. Close-in obstacles exist.	Antenna	3391	199°/14620
		Antenna	1730	069°/6450
		CIO exist		
27	Climb straight ahead to MNM turning ALT 2300 ft. Continue climb to appropriate MSA. Sector 188° – 218° GEO from ARP not to be entered until ALT 4000 ft is reached. Close-in obstacles exist.	Antenna	3391	205°/15350
		Antenna	2240	224°/8840
		CIO exist		

ESND 2.23 ÖVRIG INFORMATION

1. Operatörer av kommersiell flygtransport (CAT) vid Sveg flygplats med luftfartyg av ICAO kod C ska klassificera flygplatsen som kategori B, ref EASA AMC1 ORO.FC.105 (b) (2);(c), p.g.a. stråkets avvikelser från standardmått samt att väntplats TWY A är placerad 75 m från banans centrumlinje.
2. En rad med ljus söder om banan kan förväxlas med inflygningsljus till bana 09.
3. Inflygningsljus bana 09
Flygplatsens inhägnad genomtränger ljusplanet 150 m före tröskel.
4. Bankantljus bana 09/27 upphöjda 65 cm över marken. Sista paret sänkt för vändning.
5. Beviljade undantag från krav i CS ADR-DSN:
 - Bana för precisionsinflygning - Fasta hinder genomtränger koniska ytor i NO och SV.

ADDITIONAL INFORMATION

1. Commercial air transport (CAT) operators at Sveg aerodrome with ICAO code letter C aircraft shall classify the aerodrome as category B, ref EASA AMC1 ORO.FC.105 (b) (2);(c). This is due to the non-standard dimensions of the strip and that TWY A holding point is positioned 75 m from RWY CL.
2. A row of lights south of RWY may be mistaken for approach light system to RWY 09.
3. Approach lighting system RWY 09
Airport perimeter fence penetrates light plane 150 m from THR.
4. Runway edge lights RWY 09/27 raised 65 cm above ground. Last pair lowered for turnaround.
5. Granted exemptions from requirements in CS ADR-DSN:
 - Precision approach runways – Fixed obstacles penetrate conical surface in NE and SW.

ESND 2.24 TILLHÖRANDE KARTOR

AD chart	
AOC	RWY 09/27
List of waypoints and significant points	
IAC	ILS z or LOC z RWY 09
IAC	ILS y or LOC y RWY 09
IAC	NDB RWY 09
IAC	RNP RWY 09
IAC	RNP RWY 27
VAC	

RELATED CHARTS

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