AD 2 AERODROMES

ESNS 2.1 AERODROME LOCATION INDICATOR AND NAME

ESNS – SKELLEFTEÅ

ESNS 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	643729N 0210437E RWY 1055 m inwards THR 10
2.	Direction and distance from (city)	SE 8 NM from Skellefteå
3.	Elevation/Reference temperature	158 ft/+17.0°C
4.	Geoid undulation at AD ELEV PSN	71 ft
5.	MAG VAR/Annual change	10° E 2025/+0.2 increasing
6.	Administration, address, telephone, fax, AFS	Skellefteå City Airport SE-931 32 Skellefteå TEL: +46 (0)910 576 00 E-mail: info@skellefteaairport.se AFS: ESNSZTZX Website: skellefteaairport.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4E
8.	Remarks	PPR: See ESNS 2.20

ESNS 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	MON-FRI 0700-1500 (0600-1400) Ref AIP SUP/NOTAM
2.	Customs and immigration	O/R TEL +46 (0)90 18 55 25
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)	As ATS
6.	MET Briefing Office	FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc
7.	ATS	Ref AIP SUP/NOTAM
8.	Fuelling	As ATS
9.	Handling	As ATS 1 HR PN
10.	Security	As ATS 1 HR PN
11.	De-Icing	As ATS Avbl for SKED TFC, others on request 1 HR PN
12.	Remarks	Increased charges outside TWR HR of OPS

ESNS 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: 170,000 l, Hydrant and fuel truck 100LL: 10,000 l, Hydrant
4.	De-icing facilities	Available, Type I and II, mobile unit
5.	Hangar space for visiting ACFT	-
6.	Repair facilities for visiting ACFT	-
7.	Remarks	Fuel supplier Air BP

ESNS 2.5 PASSENGER FACILITIES

1.	Hotels	In Skellefteå
2.	Restaurants	At AD (office hours)
3.	Transportation	Buses, taxis
4.	Medical facilities	In Skellefteå
5.	Bank and Post Office	In Skellefteå
6.	Tourist Office	In Skellefteå
7.	Remarks	-

ESNS 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	CAT 7 for commercial traffic and CAT 9 O/R. Other traffic 8 min PN
2.	Rescue equipment	Tracked vehicle
3.	Capability for removal of disabled aircraft	By arrangement depending on type of aircraft. Contact: Dutyofficer TEL +46(0)910 576 25
4.	Remarks	-

ESNS 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Blowers, sweepers, slingers
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	RWY de-iced with KFOR/UREA/SAND TWY de-iced with KFOR/UREA/SAND Apron de-iced with KFOR/UREA/SAND

ESNS 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron ASPH PCN 48 F/B/X/T
2.	Taxiway width, surface and strength	TWY A 25 m ASPH PCN 48 F/B/X/T
3.	ACL, location and elevation	See ESNS 2-1
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESNS 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 10/28:	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	-	

ESNS 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	**OBST type**	**OBST position**	**ELEV/HGT in metres**	**Markings/ Type, colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
ESNS1	**Sign**	**643714.0N 0210636.4E**	**38.8 / -**	**-**	**-**
ESNS2	**Terrain**	**643714.1N 0210703.3E**	**39.6 / -**	**-**	**-**
ESNS3	**Forest**	**643708.6N 0210728.1E**	**45.0 / -**	**-**	**-**
ESNS4	**Forest**	**643707.7N 0210730.6E**	**46.2 / -**	**-**	**-**
ESNS5	**Forest**	**643707.5N 0210731.5E**	**46.9 / -**	**-**	**-**
ESNS6	**Building**	**643709.5N 0210733.2E**	**47.7 / -**	**-**	**-**
ESNS7	**Forest**	**643707.6N 0210732.0E**	**50.6 / -**	**-**	**-**
ESNS8	**Forest**	**643711.5N 0210741.8E**	**52.8 / -**	**-**	**-**
ESNS9	**Forest**	**643704.7N 0210738.0E**	**53.0 / -**	**-**	**-**
ESNS10	**Forest**	**643711.0N 0210744.3E**	**53.9 / -**	**-**	**-**
ESNS11	**LOC Monitor**	**643739.8N 0210311.9E**	**49.7 / -**	**-**	**-**
ESNS12	**LOC**	**643740.7N 0210304.7E**	**51.6 / -**	**-**	**-**
ESNS13	**Forest**	**643744.6N 0210303.7E**	**54.8 / -**	**-**	**-**
ESNS14	**Forest**	**643744.6N 0210302.2E**	**55.2 / -**	**-**	**-**
ESNS15	**Forest**	**643744.5N 0210301.1E**	**55.5 / -**	**-**	**-**
ESNS16	**Forest**	**643748.8N 0210241.3E**	**60.3 / -**	**-**	**-**
ESNS17	**Forest**	**643749.0N 0210239.8E**	**60.8 / -**	**-**	**-**
ESNS18	**Forest**	**643750.3N 0210234.7E**	**62.2 / -**	**-**	**-**
ESNS19	**Forest**	**643750.4N 0210206.8E**	**66.7 / -**	**-**	**-**
ESNS20	**Forest**	**643752.1N 0210203.3E**	**69.5 / -**	**-**	**-**
ESNS21	**Forest**	**643742.6N 0210151.4E**	**70.7 / -**	**-**	**-**

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

ESNS 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	STOCKHOLM/Arlanda 9 HR, https://tafplanner.smhi.se/app.php/production-program
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	TAF, METAR, 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	SKELLEFTEÅ TWR
10.	Additional information (limitation of service, etc.)	Flight planning room available

ESNS 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
10	106.24° GEO 096° MAG	2520 x 45	PCN 56 F/B/X/T ASPH	643738.67N 0210320.83E GUND 71 ft	THR 158 ft
28	286.28° GEO 276° MAG	2520 x 45	PCN 56 F/B/X/T ASPH	643715.89N 0210622.89E GUND 71.0 ft	THR 122.3 ft TDZ 132.6 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
10 See ESNS AOC	-	450 x 150	2640 x 280	-	-
28 See ESNS AOC	-	-	2640 x 280	-	-

ESNS 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
10	2520	2970	2520	2520	-
28	2520	2520	2520	2520	-

ESNS 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
10	Barrette CL 900 m LIH	Green	PAPI Left/3.00° (55.8 ft)	-	-	2520/50 m White Caution zone 600 m yellow LIH	Red	-
28	Barrette CL CAT I 900 m LIH	Green	PAPI Left/3.00° (56.4 ft)	-	-	2520/50 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks: **RWY 10: LED lights on RTHL, REDL and RENL.**
RWY 28: LED lights on RTHL, REDL and RENL.

ESNS 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 windsock at GP 28 and E Apron 230 m SE THR 10 and at GP 28
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	Normally: Available/7 sec Less than 1 sec for departure when RVR is below 800 m.
5.	Remarks	-

ESNS 2.16 HELICOPTER LANDING AREA

RWY 10/28 to be used

ESNS 2.17 ATS AIRSPACE

1.	Designation and lateral limits	SKELLEFTEÅ CTR	644318N 0210445E - 643744N 0213134E - 643136N 0212745E - 643156N 0205705E - 643744N 0204604E - 644121N 0204820E - 644318N 0210445E
2.	Vertical limits	SKELLEFTEÅ CTR	2000 ft AMSL GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	SKELLEFTEÅ TOWER Swedish/English	
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	CTR established during hours of TWR.	

ESNS 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	SKELLEFTEÅ TOWER	122.055	HO	Primary channel VDF
		121.500	HO	VDF

ESNS 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 28 ILS CAT I (10° E 2025)	NS	109.50 MHz	H24 *	643740.7N 0210304.6E		224 m beyond THR 10. ILS Class I/E/2 On approach from S outside ILS positive coverage, intermittent ID from EFVA ILS VA.
GP		332.60 MHz	H24 *	643722.4N 0210603.4E		Angle 3.0° RDH 53.1 ft 306 m past THR 28 right side During winter angle may vary btn 3.0° and 3.25° due to snow.
DVOR/DME (10° E 2025)	SKA	113.40 MHz	H24 *	643736.1N 0210445.9E	189 ft	DME channel 81X
DME	NS	109.50 MHz	H24 *	643722.6N 0210603.5E	152 ft	DME channel 32X

* Monitoring of signal in space limited to ATS HR of OPS

ESNS 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Tillgänglighet.

PPR erfordras för all trafik utanför ATS öppethållningstid, med undantag för på flygplatsen baserade verksamheter i enlighet med lokala säkerhetsregler.

Vid behov av PPR kontaktas flygplatsen TEL 0910 576 25 eller insatsledare@sft.se.

2. Med anledning av integrerad räddnings- och ramptjänst skall operatör av luftfartyg för vilket sådan tjänst erfordras begära tillstånd för motorstart hos startmästaren.

3. Klarering före uttaxning.

Klarering lämnas på begäran före begäran om start-up. Klarering utfärdas för gällande bana och utpasseringspunkt ur TMA. Uppift om transponderkod lämnas under uttaxning.

4. Minsta möjliga motoreffekt ska användas vid taxning på plattan.

LOCAL TRAFFIC REGULATIONS

1. Availability.

PPR is required for all trafic outside ATS hours of operation, except for airportbased businesses in accordance with local safety regulations.

For PPR, contact aerodrome phone +46 (0)910 576 25 or insatsledare@sft.se.

2. Owing to integrated rescue and ramp service operator of aircraft requering such service shall request permission for engine start from the start-up supervisor.

3. Clearance at gate.

ATC clearance will be delivered on request prior to start-up. Such clearance will be issued for RWY in use and TMA exit point. Transponder code will be communicated during taxi.

4. Engines shall be operated at minimum power required when taxiing on apron.

ESNS 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESNS 2.22 FLYGPROCEDURER

1. Startprocedurer, omnidirectional

FLIGHT PROCEDURES

1. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
10	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	CIO exist	-	-
28	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	CIO exist	-	-

2. Lågsiktsprocedurer (LVP) etablerade

Förberedelsefasen träder i kraft när bansynvidden (RVR) understiger 800 m och/eller molntäckeshöjden är 300 ft eller lägre.

LVP träder i kraft när RVR är lägre än 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft. Meddelande om att LVP är i kraft lämnas av ATS.

LVP upphör när bansynvidden (RVR) är större än 550 m och molntäckeshöjden är högre än 200 ft och en fortsatt förbättring av dessa värden är att vänta.

Minimum RVR för avgående trafik 400 m.

Vid RVR mellan 400 m och 300 m är start endast tillåten om operatören har tillstånd för flygplatstrafik i starkt nedsatt sikt från Transportstyrelsen.

När LVP tillämpas tillåts endast ett luftfartyg eller fordon på manöverområdet.

Start från framflyttad position är inte tillåten.

2. Low visibility procedures (LVP) established.

The preparation phase will be implemented when RVR falls below 800 m and/or ceiling is at or below 300 ft.

LVP will be in force when RVR is below 550 m or ceiling or vertical visibility is below 200 ft. The application of LVP will be announced by ATS.

LVP will be terminated when RVR is greater than 550 m and ceiling is greater than 200 ft and continuing improvement in these conditions is anticipated.

Minimum RVR for departing traffic is 400 m.

At RVR between 400 m and 300 m TKOF is only permitted if the operator has permission for Low Visibility Operations from the Swedish Transport Agency.

When LVP applies only one aircraft or vehicles are allowed in the manoeuvring area.

Intersection take-offs are not permitted.

3. VFR-flygning inom Skellefteå TMA/CTR

Luftfartyg skall följa föreskrifterna i ENR 1.2. Därutöver gäller nedanstående föreskrifter.

Normala in- och utpasseringspunkter
Se ESNS 6–1

Väntlägen
Se ESNS 6–1

Avbrott i radioförbindelse
Se ESNS 6–1

3. VFR flight within Skellefteå TMA/CTR

Aircraft shall adhere to the procedures stipulated in ENR 1.2. In addition, the procedures specified below shall be applied.

Normal entry and exit points
See ESNS 6–1

Holdings
See ESNS 6–1

Communication failure
See ESNS 6–1

ESNS 2.23 ÖVRIG INFORMATION

1. Reducerad banseparation.

Reducerad banseparation tillämpas enligt AD 1.1 mom 10 mellan luftfartyg kategori 1 inbördes.

2. Beviljade undantag från krav i CS-ADR-DSN

- Tornet genomtränger de hinderbegränsande ytorna.
- Kod 4E flygplanens stjärtfena tränger igenom övergångsytor vid uppställning på platta.

ADDITIONAL INFORMATION

1. Reduced runway separation.

Reduced runway separation applies in accordance with AIP AD 1.1 para 10 between aircraft of category 1 themselves.

2. Granted exemptions from requirements in CS-ADR-DSN

- The tower penetrates the obstacle-limiting surfaces.
- Code 4E aircraft´s tail fin penetrates transitional surfaces when parked on apron.

ESNS 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart		ESNS 2-1
AOC	RWY 10/28	ESNS-3-1
Area chart (TMA)		ESNS 4-1
List of waypoints and significant points		ESNS 4-3
ATC Surveillance Minimum ALT chart		ESNS 4-91
IAC	ILS or LOC RWY 28	ESNS 5-1
IAC	VOR RWY 28	ESNS 5-3
IAC	VOR RWY 10	ESNS 5-5
IAC	RNP RWY 10	ESNS 5-7
IAC	RNP RWY 28	ESNS 5-11
VAC		ESNS 6-1