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.	**Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website**	Skellefteå City Airport SE-931 32 Skellefteå TEL: +46 910 576 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 operator**	MON-FRI 0700-1500 (0600-1400)
	AD Operating hours	Ref AIP SUP/NOTAM
2.	**Customs and immigration**	O/R TEL +46 90 18 55 25
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 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 and oil types**	Fuel: 91UL, Jet A1 Oil: -
3.	**Fuelling facilities and capacity**	91UL: 10,000 l, Hydrant Jet A1: 170,000 l, Hydrant and fuel truck
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**	Bank: In Skellefteå Post: 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 +46 910 576 25
4.	**Remarks**	-

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

1.	**Types of clearing equipment**	Blowers, sweepers, slingers
2.	**Clearance priorities**	RWY, TWY, Apron
3.	**Use of material for movement area surface treatment**	RWY de-iced with KFOR/UREA/SAND TWY de-iced with KFOR/UREA/SAND Apron de-iced with KFOR/UREA/SAND
4.	**Specially prepared winter runways**	-
5.	**Remarks**	-

ESNS 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS 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 Aerodrome Chart
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: 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**	**Markings/ Type, colour**
a	**b**	**c**	**d**	**e**
ESNS1	SIGN	643714.0N 0210636.4E	127 ft / -	-
ESNS2	VEGETATION	643714.1N 0210703.3E	130 ft / -	-
ESNS3	TREE	643708.6N 0210728.1E	147 ft / -	-
ESNS4	TREE	643707.7N 0210730.6E	151 ft / -	-
ESNS5	TREE	643707.5N 0210731.5E	154 ft / -	-
ESNS6	BUILDING	643709.5N 0210733.2E	157 ft / -	-
ESNS7	TREE	643707.6N 0210732.0E	166 ft / -	-
ESNS8	TREE	643711.5N 0210741.8E	173 ft / -	-
ESNS9	TREE	643704.7N 0210738.0E	174 ft / -	-
ESNS10	TREE	643711.0N 0210744.3E	177 ft / -	-
ESNS11	NAVAID	643739.8N 0210311.9E	163 ft / -	-
ESNS12	NAVAID	643740.7N 0210304.7E	169 ft / -	-
ESNS13	TREE	643744.6N 0210303.7E	180 ft / -	-
ESNS14	TREE	643744.6N 0210302.2E	181 ft / -	-
ESNS15	TREE	643744.5N 0210301.1E	182 ft / -	-
ESNS16	TREE	643748.8N 0210241.3E	198 ft / -	-
ESNS17	TREE	643749.0N 0210239.8E	199 ft / -	-
ESNS18	TREE	643750.3N 0210234.7E	204 ft / -	-
ESNS19	TREE	643750.4N 0210206.8E	219 ft / -	-
ESNS20	TREE	643752.1N 0210203.3E	228 ft / -	-
ESNS21	TREE	643742.6N 0210151.4E	232 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			

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.	**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**	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	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°	2520 x 45	PCN 56/F/B/X/T ASPH	643738.67N 0210320.83E GUND 71 ft	THR 158 ft
28	286.28°	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

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
10	See ESNS AOC	-	450 x 150	2640 x 280	90 x 90
28	See ESNS AOC	-	-	2640 x 280	90 x 90

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
10	-	-	-
28	-	-	-

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	900 M LIH	Green	PAPI Left side/3.00° 56 ft	-	-	2520/50 m White Caution zone 600 m yellow LIH	Red	-
28	CAT I 900 M LIH	Green	PAPI Left side/3.00° 56 ft	-	-	2520/50 m White Caution zone 600 m yellow LIH	Red	-

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 Remarks:	RWY 10: Barrette CL LED lights on RTHL, REDL, RENL and APCH. RWY 28: Barrette CL LED lights on RTHL, REDL, RENL and APCH.							

ESNS 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	**ABN/IBN location, characteristics and hours of operation**	-
2.	**LDI location and LGT**	Lighted windsock at GP 28 and E Apron
	Anemometer location and LGT	230 m SE THR 10 and at GP 28
3.	**TWY edge and centre line lighting**	Edge: 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 to point of origin.
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.	**Hours of applicability**	CTR established during hours of TWR.	
7.	**Remarks**	-	

ESNS 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	SKELLEFTEÅ TOWER	122.055	HO	PRIMARY VDF

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
		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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 28 ILS CAT I (10° E 2025)	NS	109.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	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 28	-	332.60 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	643722.4N 0210603.4E	-	-	Angle 3.00° 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 Monitoring of signal in space limited to ATS HR of OPS	643736.1N 0210445.9E	189 ft	-	DME Channel 81X
DME	NS	109.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	643722.6N 0210603.5E	152 ft	-	DME Channel 32X

ESNS 2.20 LOKALA FLYGPLATSFÖRESKRIFTER

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.

ESNS 2.20 LOCAL AERODROME REGULATIONS

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

For PPR, contact aerodrome TEL +46 910 576 25 or insatsledare@sft.se.

2. Owing to integrated rescue and ramp service operator of aircraft requiring 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 BULLERREDUCERANDE FÖRFARANDEN

NIL

ESNS 2.21 NOISE ABATEMENT PROCEDURES

NIL

ESNS 2.22 FLYGPROCEDURER

1 Startprocedurer, omnidirectional

ESNS 2.22 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 VAC.

Väntlägen
Se ESNS VAC.

Avbrott i radioförbindelse
Se ESNS VAC.

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 VAC.

Holdings
See ESNS VAC.

Communication failure
See ESNS VAC.

ESNS 2.23 TILLÄGGSINFORMATION

1 Reducerad banseparation

ESNS 2.23 ADDITIONAL INFORMATION

1 Reduced runway separation

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

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

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.

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 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESNS 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

Charts	*Pages*
Aerodrome Chart - ICAO	AD 2 ESNS 2 - 1
AOC - ICAO Type A RWY 10/28	AD 2 ESNS 3 - 1
Area Chart - ICAO SKELLEFTEÅ TMA	AD 2 ESNS 5 - 1
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 ESNS 7 - 1
IAC - ICAO ILS or LOC RWY 28	AD 2 ESNS 8 - 1
IAC - ICAO VOR RWY 28	AD 2 ESNS 8 - 3
IAC - ICAO VOR RWY 10	AD 2 ESNS 8 - 5
IAC - ICAO RNP RWY 10	AD 2 ESNS 8 - 7
IAC - ICAO RNP RWY 28	AD 2 ESNS 8 - 11
VAC - ICAO	AD 2 ESNS 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESNS SKELLEFTEÅ 4

ESNS 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

-

ESNS 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

-