

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 1050 m inwards THR 10 |
| 2. | Direction and distance from (city) | SE 8 NM from Skellefteå |
| 3. | Elevation/Reference temperature | 157 ft/+17.0°C |
| 4. | Geoid undulation at AD ELEV PSN | 72 ft |
| 5. | MAG VAR/Annual change | 8° E 2015/+0.1 increasing |
| 6. | Administration, address, telephone, fax, AFS | Skellefteå City Airport
SE-931 32 Skellefteå
TEL: +46 (0)910 576 00
FAX: +46 (0)910 576 45
E-mail: info@skellefteaairport.se
AFS: ESNSZTZX
Website: skellefteaairport.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4C |
| 8. | Remarks | - |

ESNS 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1500 (0600-1400)
H24 |
| 2. | Customs and immigration | O/R TEL +46 (0)8 456 66 20 |
| 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 Piston oil |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 150,000 l, Hydrant and fuel truck
100LL: 10,000 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 | 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 exceeding 2500 kg MTOW, other traffic 8 min PN |
| 2. | Rescue equipment | Rescue boat, tracked vehicle |
| 3. | Capability for removal of disabled aircraft | By arrangement |
| 4. | Remarks | - |

ESNS 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|-----------------------------|
| 1. | Types of clearing equipment | Blowers, sweepers, slingers |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | - |

ESNS 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--------------------------------|
| 1. | Apron surface and strength | Apron ASPH PCN 44 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 23 m ASPH PCN 44 F/B/X/T |
| 3. | ACL, location and elevation | Apron 151 ft |
| 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	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					

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 | STOCKHOLM/Arlanda
9 HR HO |
| 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	106.23° GEO 098° MAG	2100 x 45	PCN 48 F/B/X/T ASPH	643738.68N 0210320.79E GUND 72 ft	THR 157 ft
28	286.27° GEO 278° MAG	2100 x 45	PCN 48 F/B/X/T ASPH	643719.68N 0210552.65E GUND 72 ft	THR 124.7 ft TDZ 129 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	2220 x 300	-	-
28 See ESNS AOC	-	-	2220 x 300	-	-

ESNS 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
10	2100	2550	2100	2100	-
28	2100	2100	2100	2100	-

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 SALS 900 m LIH	Green	PAPI Left/3.00° (55.8 ft)	-	-	2100/50 m White Caution zone 600 m yellow LIH	Red	-
28	Calvert CAT I 900 m LIH	Green	PAPI Left/3.00° (56.4 ft)	-	-	2100/50 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks:	-
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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 and apron
RWY ends |
| 3. | TWY edge and centre line lighting | Edge: TWY A

CL: - |
| 4. | Secondary power supply/switch-over time | Available / 7 sec |
| 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	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	SKELLEFTEÅ TOWER	122.050 MHz	HO	Primary FREQ VDF
		121.500 MHz	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 (8° E 2015)	NS	109.50 MHz	H24	643740.7N 0210304.7E		223 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	643726.0N 0210534.5E		Angle 3.0° RDH 50 ft 285 m past THR 28 right side During winter angle may vary btn 3.0° and 3.25° due to snow.
OM				643620.0N 0211417.1E		-
MM				643710.2N 0210708.6E		-
L 28	OS	369 kHz	H24	643619.8N 0211417.4E		Range 15 NM
DVOR/DME (8° E 2015)	SKA	113.40 MHz	H24	643736.0N 0210445.4E	174 ft	DME channel 81X

ESNS 2.20 LOKALA TRAFIKFÖRESKRIFTER

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

2. 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.

LOCAL TRAFFIC REGULATIONS

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

2. 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.

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) Tree	176	102°/2860
28	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	(CIO) Tree	203	291°/2660
		(CIO) Tree	211	283°/2650
		(CIO) Tree	239	286°/4300

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.

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

Start från framflyttad position är inte tillåten.

3. VFR-flygning inom Skellefteå TMA/CTR

Luftfartyg skall följa föreskrifterna i ENR 1.2 mom 4 och 5. Därutöver gäller nedanstående föreskrifter.

Normala in- och utpasseringspunkter
Se ESNS 6–1

Väntlägen
Se ESNS 6–1

Avbrott i radioförbindelse
Se ESNS 6–1

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.

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

Intersection take-offs are not permitted.

3. VFR flight within Skellefteå TMA/CTR

Aircraft shall adhere to the procedures stipulated in ENR 1.2 para 4 and 5. 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 separation tillämpas för luftfartyg med MTOM 2000 kg eller lägre.

ADDITIONAL INFORMATION

1. Reduced runway separation.

Reduced separation applies to aircraft with MTOM 2000 kg or lower.

ESNS 2.24 TILLHÖRANDE KARTOR

AD chart

AOC

Area chart

List of waypoints and significant points

ATC Surveillance

Minimum ALT chart

IAC

IAC

IAC

IAC

IAC

IAC

IAC

VAC

RWY 10/28

[TMA]

ILS z or LOC z RWY 28

ILS y or LOC y RWY 28

VOR RWY 28

NDB RWY 28

VOR RWY 10

RNP RWY 10

RNP RWY 28

RELATED CHARTS

ESNS 2-1

ESNS-3-1

ESNS 4-1

ESNS 4-3

ESNS 4-91

ESNS-5-1

ESNS-5-2

ESNS-5-3

ESNS-5-4

ESNS-5-5

ESNS 5-7

ESNS 5-9

ESNS 6-1