

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	9° E 2020/+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	-

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)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 097° MAG	2520 x 45	PCN 48 F/B/X/T ASPH	643738.67N 0210320.83E GUND 71 ft	THR 158 ft
28	286.28° GEO 277° MAG	2520 x 45	PCN 48 F/B/X/T ASPH	643715.89N (*) 0210622.89E GUND 71.0 ft	THR 122.4 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 300	-	-
28 See ESNS AOC	-	-	2640 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	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: -								

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: -
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	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 (9° E 2020)	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 0210603.5E		Angle 3.0° RDH 53.1 ft 304 m past THR 28 right side During winter angle may vary btn 3.0° and 3.25° due to snow.
DVOR/DME (9° E 2020)	SKA	113.40 MHz	H24	643736.1N 0210445.9E	189 ft	DME channel 81X
DME	NS	109.50 MHz	H24	643722.5N 0210603.6E	156 ft	DME channel 32X

ESNS 2.20 LOKALA TRAFIKFÖRESKRIFTER

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

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

FLIGHT PROCEDURES

1. Startprocedurer, omnidirectional

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.	-	-	-
28	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	Tree (CIO)	195	290°/2660

2. Lågsiktsprocedurer (LVP) etablerade

2. Low visibility procedures (LVP) established.

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

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

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 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 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.

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 för avgående trafik 400 m.

Minimum RVR for departing traffic is 400 m.

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

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

Start från framflyttad position är inte tillåten.

Intersection take-offs are not permitted.

3. VFR-flygning inom Skellefteå TMA/CTR

3. VFR flight within Skellefteå TMA/CTR

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

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

Normala in- och utpasseringspunkter
Se ESNS 6-1

Normal entry and exit points
See ESNS 6-1

Väntlägen
Se ESNS 6-1

Holdings
See ESNS 6-1

Avbrott i radioförbindelse
Se ESNS 6-1

Communication failure
See ESNS 6-1

ESNS 2.23 ÖVRIG INFORMATION

ADDITIONAL INFORMATION

1. Reducerad banseparation.

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

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

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

- 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	NDB RWY 28	ESNS 5-4
IAC	VOR RWY 10	ESNS 5-5
IAC	RNP RWY 10	ESNS 5-7
IAC	RNP RWY 28	ESNS 5-9
VAC		ESNS 6-1