

AD 2 AERODROMES**ESNZ 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNZ – ÅRE ÖSTERSUND****ESNZ 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|--|
| 1. | ARP coordinates and site at AD | 631140N 0143001E RWY centre point |
| 2. | Direction and distance from (city) | W 4.5 NM from Östersund |
| 3. | Elevation/Reference temperature | 1233 ft/+18.0°C |
| 4. | Geoid undulation at AD ELEV PSN | 105 ft |
| 5. | MAG VAR/Annual change | 4° E 2015/+0.1 increasing |
| 6. | Administration, address, telephone, fax, AFS | Swedavia AB
Åre Östersund Airport
SE-832 96 Frösön
TEL: +46 (0)10 109 56 00
FAX: +46 (0)10 109 56 09
E-mail: areostersundairport@swedavia.se
AFS: ESNZZTZ
Website: www.areostersundairport.se, www.swedavia.net |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4C |
| 8. | Remarks | PPR outside TWR HR of OPS, request shall be made during AD HR of administration |

ESNZ 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1515 (0600-1415)
Ref AIP SUP/NOTAM |
| 2. | Customs and immigration | O/R TEL +46 (0)771 52 05 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 | As AD Operating hours |
| 8. | Fuelling | As AD Operating hours |
| 9. | Handling | As AD Operating hours |
| 10. | Security | HO |
| 11. | De-Icing | HO |
| 12. | Remarks | Increased charges outside AD Operating hours |

ESNZ 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|---|
| 1. | Cargo-handling facilities | Limited |
| 2. | Fuel/oil types | Fuel Jet A1, 100LL
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 30,000 l fuel truck
100LL: 10,000 l stationary |
| 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 AirBP.
For payment of fuel only BP fuel card or cash accepted. |

ESNZ 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|-----------------------------|
| 1. | Hotels | In Östersund and Frösö Park |
| 2. | Restaurants | In Östersund and Frösö Park |
| 3. | Transportation | Buses, taxis, rental cars |
| 4. | Medical facilities | In Östersund |
| 5. | Bank and Post Office | In Östersund |
| 6. | Tourist Office | In Östersund |
| 7. | Remarks | - |

ESNZ 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|---|
| 1. | AD category for fire fighting | CAT 7. For commercial 180 sec, other traffic 8 min. |
| 2. | Rescue equipment | Off road vehicles |
| 3. | Capability for removal of disabled aircraft | By arrangement |
| 4. | Remarks | - |

ESNZ 2.7 SEASONAL AVAILABILITY – CLEARING

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

ESNZ 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|---|
| 1. | Apron surface and strength | Apron East ASPH PCN 30 F/B/X/T
Apron North ASPH PCN 55 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 10.5 m ASPH PCN 36 F/B/X/T only available during daylight
TWY B 15 m ASPH PCN 30 F/B/X/T
TWY F 18 m ASPH PCN 45 F/B/X/T
TWY G 23 m ASPH PCN 45 F/B/X/T |
| 3. | ACL, location and elevation | Apron North 1167 ft |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | - |

ESNZ 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 12/30: Designator, THR, TDZ, CL and edges are day marked.
RTHL, REDL, RENL

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

ESNZ 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					

ESNZ 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://tafportalen.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 | ÖSTERSUND TWR |
| 10. | Additional information (limitation of service,
etc.) | Flight planning room available |

ESNZ 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
12	114.67° GEO 111° MAG	2500 x 45	PCN 55 F/B/X/T ASPH	631155.71N 0142846.00E GUND 105 ft	THR 1193.5 ft TDZ 1194 ft
30	294.71° GEO 291° MAG	2500 x 45	PCN 55 F/B/X/T ASPH	631121.99N 0143128.43E GUND 105 ft	THR 1233 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
12 See ESNZ AOC	-	-	2710 x 300	-	Transverse slope. RWY non cambered, single crossfall from right to left.
30 See ESNZ AOC	-	-	2710 x 300	-	Transverse slope. RWY non cambered, single crossfall from left to right.

ESNZ 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
12	2500	2500	2500	2500	-
30	2500	2500	2500	2500	-

ESNZ 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
12	Barrette CL CAT I 720 m LIH	Green	PAPI Left/3.00° (53.8 ft)	-	-	2500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
30	Barrette CL SALS 420 m LIH	Green	PAPI Left/3.00° (68.2 ft)	-	-	2500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 12: EFAS 900-640 m from THR. RWY 30: EFAS 540-300 m from THR.								

ESNZ 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
Unlighted windsocks at RWY ends.
Lighted windsock southwest of FATO A.
At RWY ends, lighted
3. TWY edge and centre line lighting
Edge: TWY B, F, G
CL: -
4. Secondary power supply/switch-over time
Available/8 sec, for take-off with RVR below 800 m
and CAT II OTS less than 1 sec
5. Remarks -

ESNZ 2.16 HELICOPTER LANDING AREA

FATO A established 230 m NW TWR. Approach- and departure direction parallell to RWY 12/30.
FATO F established on TWY F east of apron North. Approach- and departure direction parallell to RWY 12/30.
FATO A and F for daylight and VMC operations. During IMC or darkness RWY 12/30 to be used.
Airtaxiing to parking by directive from TWR.

ESNZ 2.17 ATS AIRSPACE

1. Designation and lateral limits
ÖSTERSUND CTR
631716N 0141449E - 631706N 0142949E -
631344N 0145149E - 630636N 0144349E -
630408N 0143749E - 630756N 0142109E -
631236N 0141009E - 631716N 0141449E
2. Vertical limits
ÖSTERSUND CTR
3050 ft AMSL
GND
3. Airspace classification
C
4. ATS unit call sign
Language(s)
ÖSTERSUND TOWER
Swedish/English
5. Transition altitude
6000 ft AMSL
6. Remarks
CTR established during hours of TWR.

ESNZ 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR/APP	ÖSTERSUND TOWER	135.650 MHz	HO	Primary FREQ
		130.900 MHz	HO	-
		121.500 MHz	HO	-

ESNZ 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 12 ILS CAT II (4° E 2015)	PC	109.50 MHz	H24	631116.4N 0143155.5E		415 m beyond THR 30 ILS Class II/D/3
GP		332.60 MHz	H24	631154.2N 0142913.7E		Angle 3.0° RDH 51 ft 371 m past THR 12 left side. During winter angle may vary BTN 2.86° and 3.14° due snow.
L 30	DJ	312 kHz	H24	631041.4N 0143503.5E		Range 15 NM
DVOR/DME (4° E 2015)	OSS	114.65 MHz	H24	631158.4N 0142915.2E	1201 ft	DME channel 93Y No VOR/DME coverage BTN R-120 and R-150 outside OSS DME 25 below 6600 ft AMSL.
DME	PC	109.50 MHz	H24	631154.4N 0142913.8E	1227 ft	370 m past THR 12 left side DME channel 32X

ESNZ 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Klarering lämnas på begäran före begäran om start-up. Klareringen utfärdas för gällande bana och tillämplig SID eller utpasseringspunkt ur TMA. Uppgift om transponderkod lämnas i anslutning till uttaxning.
2. Dagligen mellan 2100-0500 (2000-0400) får flygplatsen inte trafikeras av flygplan certifierade enligt Annex 16, Volume I, Part II, Chapter 2.
3. Kontakta TWR eller ledsagning på platta innan flyttning av flygplan från anvisad parkering.
4. Motorkörning av luftfartyg på plattor kräver tillstånd från flygtrafikledning eller Swedavia under flygplatsens publicerade öppethållningstider, på andra tider skall luftfartyg som motorkör passa flygtrafikledningens frekvens 135.650 MHz.

LOCAL TRAFFIC REGULATIONS

1. ATC clearance will be delivered on request prior to start-up. Such clearance will be issued for RWY in use, appropriate SID or TMA exit point. Transponder code will be communicated in conjunction to taxiing.
2. Daily between 2100-0500 (2000-0400) the aerodrome must not be used by aircraft certificated in accordance with ICAO Annex 16, Volume I, Part II, Chapter 2.
3. Contact TWR or Marshal on apron before moving aircraft from advised parking.
4. Test running of engines in connection with maintenance requires permission from TWR or Swedavia during AD operating hours, if test running outside AD operating hours aircraft must monitor TWR freq 135.650 MHz.

ESNZ 2.21 MINSKNING AV BULLERSTÖRNING

Start RWY 12 samt landning RWY 30 är inte tillåten om inte vind eller trafikförhållanden så kräver.

NOISE ABATEMENT PROCEDURES

Take-off RWY 12 or landing RWY 30 is not permitted unless wind or traffic conditions so require.

ESNZ 2.22 FLYGPROCEDURER

1. Ankommande IFR-trafik inom Östersund TMA/CTR
Standardflygvägar för ankommande IFR-trafik (STAR och P-RNAV STAR) är upprättade enligt ESNZ 4-3-4-6 och ESNZ 4-8-4-19.
2. Avgående IFR-trafik inom Östersund TMA/CTR
Standardflygvägar för avgående IFR-trafik (SID och P-RNAV SID) är upprättade enligt ESNZ 4-3/4 och ESNZ 4-21-4-30.
3. Startprocedurer, omnidirectional

FLIGHT PROCEDURES

1. Inbound IFR traffic within Östersund TMA/CTR
Standard Instrument Arrival (STAR and P-RNAV STAR) are established in accordance with ESNZ 4-3-4-6 and ESNZ 4-8-4-19.
2. Outbound IFR traffic within Östersund TMA/CTR
Standard Instrument Departure (SID and P-RNAV SID) are established in accordance with ESNZ 4-3/4 and ESNZ 4-21-4-30.
3. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
12	Climb straight ahead with MNM 260 ft/NM (4.4%) to MNM turning ALT 2800 ft. Continue climb to appropriate MSA.	Pylon	1664	107°/6200
		Pylon	2615	148°/11400
30	Climb straight ahead to MNM turning ALT 2000 ft. Continue climb to appropriate MSA.	Pylon	2615	155°/9500

4. Lågsiktsprocedurer (LVP)
LVP träder i kraft senast när bansynvidden (RVR) underskrider 750 m för landning, för start senast när RVR underskrider 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.
Meddelande om att LVP är i kraft lämnas av ATS.
Uppstart/driftsättning av LVP tar upp till 30 min.
När LVP tillämpas tillåts endast fordon alternativt ett luftfartyg på manöverområdet.
5. VFR-flygning inom Östersund TMA/CTR
Normala in- och utpasseringspunkter
Se ESNZ 6-1
Väntlägen
Se ESNZ 6-1
Avbrott i radioförbindelse
Se ESNZ 6-1
6. Inflygningsprocedur Annan än standard
Speciell inflygningsprocedur Annan än standard CAT II RWY 12 tillgänglig på begäran.
Lågsiktsprocedurer skall vara i kraft.
Godkännande för användning av Annan än Standard CAT II krävs av Transportstyrelsen och för utländska operatörer deras nationella flygsäkerhetsmyndighet.

4. Low visibility procedures (LVP)
LVP will be in force at latest when, for landing, RVR falls below 750 m and for take-off, when RVR falls below 550 m or ceiling or vertical visibility is below 200 ft.
The application of LVP will be announced by ATS.
The preparation phase of LVP lasts approximately 30 min.
When LVP is applied vehicles or only one aircraft is allowed in the manoeuvring area.
5. VFR flight within Östersund TMA/CTR
Normal entry and exit points
See ESNZ 6-1
Holdings
See ESNZ 6-1
Communication failure
See ESNZ 6-1
6. Approach procedure Other Than Standard (OTS)
Special approach procedure Other Than Standard CAT II RWY 12 available on request.
Low visibility procedures (LVP) shall be in force.
Authorization for Other Than Standard CAT II operations by the operator's National Aviation Authority is required.

ESNZ 2.23 ÖVRIG INFORMATION

1. Taxningslinje i vändzon målad 11 m från bankant RWY 12.

ADDITIONAL INFORMATION

1. Taxi guideline in runway turning bay painted 11 m from edge RWY 12.

2. GÖVIKEN helikopterlandningsplats

Med anledning av helikopterlandningsplats vid Göviken, ca 6500 m öster om ARP, kan försening uppstå för ankommande och avgående trafik när start sker från Göviken med ambulanshelikopter anmäld som HOSP.

2. GÖVIKEN Helicopter Landning Area

Owing to helicopter landing area at Göviken, aprx 6500 m E ARP, arriving and departing traffic may be delayed when takeoff with ambulance helicopter notified as HOSP is going on from Göviken.

ESNZ 2.24 TILLHÖRANDE KARTOR

AD chart	
AOC	
PATC	RWY 12
Area chart	(TMA)
SID/STAR	RWY 12
SID/STAR	RWY 30
RNAV (GNSS) STAR	RWY 12
RNAV (GNSS) STAR	RWY 30
RNAV (GNSS) SID	RWY 12
RNAV (GNSS) SID	RWY 30
ATC Surveillance	
Minimum ALT chart	
IAC	VOR/DME+ILS CAT I 12
IAC	VOR/DME+ILS OTS CAT II 12
IAC	VOR/DME 12
IAC	VOR/DME+NDB 30
IAC	NDB+DME 30
IAC	RNP RWY 30
VAC	

RELATED CHARTS

ESNZ 2-1
ESNZ-3-1
ESNZ-3-3
ESNZ 4-1
ESNZ-4-3
ESNZ-4-5
ESNZ-4-9
ESNZ-4-15
ESNZ-4-23
ESNZ-4-27
ESNZ 4-91
ESNZ-5-1
ESNZ-5-2
ESNZ-5-3
ESNZ-5-5
ESNZ-5-6
ESNZ-5-7
ESNZ 6-1