AD 2 AERODROMES

ESNO 2.1 AERODROME LOCATION INDICATOR AND NAME

ESNO – ÖRNSKÖLDSVIK

ESNO 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	632428N 0185933E RWY 800 m from THR 30
2.	Direction and distance from (city)	NE 10 NM from Örnsköldsvik
3.	Elevation/Reference temperature	354 ft/+18.5°C
4.	Geoid undulation at AD ELEV PSN	78 ft
5.	MAG VAR/Annual change	7° E 2015/+0.1 increasing
6.	Administration, address, telephone, fax, AFS	Örnsköldsvik Airport AB Västanå 100 SE-896 91 Husum TEL: +46 (0)660 874 00 FAX: +46 (0)660 874 07 E-mail: info@oer.se AFS: ESNOZTZX Website: www.oer.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8.	Remarks	PPR outside TWR HR of OPS. Request during TWR HR of OPS. TEL +46 (0)60 19 75 05

ESNO 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)8 405 05 70, FAX +46 (0)8 654 06 11, tuk@tullverket.se
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 AD Operating HRS
9.	Handling	O/R
10.	Security	O/R
11.	De-Icing	O/R
12.	Remarks	Increased charges outside AD HR of OPS. For information TEL +46 (0)60 19 75 05

ESNO 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Available, limited
2.	Fuel/oil types	Fuel 100LL, Jet A1 Oil -
3.	Fuelling facilities/discharge capacity	100LL: 20,000 l stationary Jet A1: 120,000 l 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	O/R
7.	Remarks	Fuel Supplier Air BP

ESNO 2.5 PASSENGER FACILITIES

1.	Hotels	In Örnsköldsvik
2.	Restaurants	At AD
3.	Transportation	Taxis, rental cars
4.	Medical facilities	In Örnsköldsvik
5.	Bank and Post Office	In Örnsköldsvik
6.	Tourist Office	In Örnsköldsvik
7.	Remarks	-

ESNO 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	CAT 6, higher up to CAT 8 O/R
2.	Rescue equipment	Tracked vehicle
3.	Capability for removal of disabled aircraft	By arrangement
4.	Remarks	Rescue service for ACFT exceeding 27,000 kg MTOW O/R

ESNO 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Snowploughs, blowers/sweepers, slingers, spreaders
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	-

ESNO 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron ASPH PCN 81 F/B/X/T
2.	Taxiway width, surface and strength	TWY A 23 m ASPH PCN 65 F/B/X/T
3.	ACL, location and elevation	At holding point 340 ft
4.	VOR checkpoints	At holding point TWY A
5.	INS checkpoints	At holding point TWY A
6.	Remarks	-

ESNO 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:	HLDG and CL day marked. Edge lights, RGL
3.	Stop bars	-	
4.	Remarks	-	

ESNO 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					

ESNO 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	ÖRNSKÖLDSVIK TWR
10.	Additional information (limitation of service, etc.)	-

ESNO 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	121.59° GEO 115° MAG	2016 x 45	PCN 77 F/B/X/T ASPH	632450.37N 0185815.78E GUND 78 ft	THR 354.2 ft TDZ 354 ft
30	301.62° GEO 295° MAG	2016 x 45	PCN 77 F/B/X/T ASPH	632416.25N 0190019.49E GUND 78 ft	THR 331 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
12 See ESNO AOC	-	150 x 180	2136 x 300	-	-
30 See ESNO AOC	-	-	2136 x 300	-	-

ESNO 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
12	2016	2166	2016	2016	-
30	2016	2016	2016	2016	-

ESNO 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/3.25° (57.0 ft)	-	-	2016/50 m White Caution zone 600 m yellow LIH	Red	-
30	SALS 420 m LIH	Green	PAPI Left/3.00° (25.1 ft)	-	-	2016/50 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks: -

ESNO 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 apron At GP and NW THR 30, lighted
3.	TWY edge and centre line lighting	Edge: TWY A CL: -
4.	Secondary power supply/switch-over time	Available/15 sec
5.	Remarks	-

ESNO 2.16 HELICOPTER LANDING AREA

RWY 12/30 to be used

ESNO 2.17 ATS AIRSPACE

1.	Designation and lateral limits	ÖRNSKÖLDSVIK CTR	633055N 0184559E - 632939N 0190619E - 632101N 0191947E - 631759N 0191535E - 631927N 0185218E - 632656N 0184033E - 633055N 0184559E
2.	Vertical limits	ÖRNSKÖLDSVIK CTR	2400 ft AMSL / GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	ÖVIK TOWER Swedish/English	
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	CTR established during hours of TWR.	

ESNO 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	ÖVIK TOWER	122.250 MHz	HO	Primary FREQ
		121.500 MHz	HO	-

ESNO 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 I (7° E 2015)	**NO**	**110.10 MHz**	**H24**	**632413.7N 0190028.8E**		**152 m beyond THR 30 ILS Class I/E/2**
GP		**334.40 MHz**	**H24**	**632449.0N 0185837.3E**		**Angle 3.25° RDH 50 ft 276 m past THR 12 left side**
L 12	**OD**	**322 kHz**	**H24**	**632613.3N 0185313.5E**		**Range 15 NM**
L 30	**OO**	**369 kHz**	**H24**	**632213.7N 0190756.5E**		**Range 15 NM**
VOR/DME (7° E 2015)	**OSK**	**115.00 MHz**	**H24**	**632421.8N 0185936.8E**	**351 ft**	**DME channel 97X**
DME	**NO**	**110.10 MHz**	**H24**	**632449.2N 0185837.4E**	**391 ft**	**DME channel 38X**

ESNO 2.20 LOKALA TRAFIKFÖRESKRIFTER

NIL

LOCAL TRAFFIC REGULATIONS

NIL

ESNO 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESNO 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
12	Climb straight ahead to MNM turning ALT 800 ft. Continue climb to appropriate MSA.	-		
30	Climb straight ahead with MNM 310 ft/NM (5.1%) to MNM turning ALT 1200 ft. Continue climb to appropriate MSA.	Terrain	935	284°/7500

2. Lågsiktsprocedurer (LVP) etablerade

LVP ska vara i kraft inför start, när bansynvidden (RVR) är lägre än 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.

Att LVP är aktiverade meddelas av ATS.

När LVP är aktiverade tillåts endast ett luftfartyg åt gången på manöverområdet.
Då luftfartyg befinner sig på manöverområdet får inga fordon förekomma där.

Att LVP är avslutade meddelas av ATS.

2. Low visibility procedures (LVP) established

LVP shall be in force prior to any departure, when the Runway Visual Range (RVR) is below 550 m or ceiling or vertical visibility is below 200 ft.

The application of LVP will be announced by ATS.

When LVP applies only one aircraft is allowed on the manoeuvring area.
No vehicles are allowed on the manoeuvring area at the same time as an aircraft.

ATS announces when LVP no longer applies.

ESNO 2.23 ÖVRIG INFORMATION

ATS-tjänst bedrivs från RTC.

ADDITIONAL INFORMATION

ATS provided from RTC.

ESNO 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart		ESNO 2-1
AOC	RWY 12/30	ESNO-3-1
Area chart	(TMA)	ESNO 4-1
ATC Surveillance Minimum ALT chart		ESNO 4-91
IAC	VOR/DME+ILS 12	ESNO-5-1
IAC	NDB/DME+ILS 12	ESNO-5-2
IAC	VOR/DME 12	ESNO-5-3
IAC	VOR/DME 30	ESNO-5-5
IAC	NDB 30	ESNO-5-6
VAC		ESNO 6-1