

AD 2 AERODROMES**ESOH 2.1 AERODROME LOCATION INDICATOR AND NAME****ESOH – HAGFORS****ESOH 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | |
|---|---|
| 1. ARP coordinates and site at AD | 600116N 0133444E RWY 625 m from THR 18 |
| 2. Direction and distance from (city) | NE 5.4 NM from Hagfors |
| 3. Elevation/Reference temperature | 474 ft/+22.5°C |
| 4. Geoid undulation at AD ELEV PSN | 99 ft |
| 5. MAG VAR/Annual change | 4° E 2015/+0.1 increasing |
| 6. Administration, address, telephone, fax, AFS | Hagfors flygplats
Rådaheden 1
SE-683 93 Råda
TEL: +46 (0)563 603 68
FAX: +46 (0)563 601 23
E-mail: flygplats@hagfors.se
AFS: ESOH2TZX |
| 7. Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 2C |
| 8. Remarks | PPR for IFR traffic TEL +46 (0)563 603 68, +46 (0)563 601 75 (AFIS) |

ESOH 2.3 OPERATIONAL HOURS

- | | |
|--|--|
| 1. AD Administration
AD Operating hours | MON-FRI 0500-0900, 1500-1900 (0400-0800, 1400-1800)
H24 |
| 2. Customs and immigration | - |
| 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 | MON-FRI 0445-0600, 0715-0830, 1515-1625, 1715-1835
(0345-0500, 0615-0730, 1415-1525, 1615-1735) |
| 8. Fuelling | MON-FRI O/R +46 (0)563 603 68 |
| 9. Handling | As AD Administration |
| 10. Security | - |
| 11. De-Icing | As AD Administration |
| 12. Remarks | Increased charges outside AFIS and AD Administration hours |

ESOH 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: 20 000 l
100LL: 10 000 l |
| 4. | De-icing facilities | Available, Type I |
| 5. | Hangar space for visiting ACFT | O/R |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | For payment of fuel major credit cards accepted. |

ESOH 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|------------|
| 1. | Hotels | In Hagfors |
| 2. | Restaurants | In Hagfors |
| 3. | Transportation | Taxi |
| 4. | Medical facilities | In Hagfors |
| 5. | Bank and Post Office | In Hagfors |
| 6. | Tourist Office | In Hagfors |
| 7. | Remarks | - |

ESOH 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|----------------|
| 1. | AD category for fire fighting | CAT 3 O/R |
| 2. | Rescue equipment | By arrangement |
| 3. | Capability for removal of disabled aircraft | - |
| 4. | Remarks | - |

ESOH 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|------------------------------|
| 1. | Types of clearing equipment | Snowplough, sweeper, blower |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | No clearing SAT, SUN and HOL |

ESOH 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--------------------------------|
| 1. | Apron surface and strength | Apron ASPH PCN 8 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 15 m ASPH PCN 18 F/B/X/T |
| 3. | ACL, location and elevation | Apron 474 ft |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | - |

ESOH 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 |
| 2. | RWY and TWY markings and LGT | RWY 18/36: Designator, THR, CL and edges are day marked RTHL, REDL, RENL

TWY A: CL, HLDG day marked. Edge LGT, RGL |
| 3. | Stop bars | - |
| 4. | Remarks | - |

ESOH 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					

ESOH 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 | TAF not produced |
| 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 | 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 | HAGFORS AFIS |
| 10. | Additional information (limitation of service, etc.) | Flight planning room available |

ESOH 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
18	176.69° GEO 173° MAG	1509 x 30	PCN 18 F/B/X/T ASPH	600136.56N 0133441.25E GUND 99 ft	THR 473.8 ft
36	356.69° GEO 353° MAG	1509 x 30	PCN 18 F/B/X/T ASPH	600047.89N 0133446.88E GUND 99 ft	THR 469 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
18 See ESOH AOC	-	-	1629 x 150	-	-
36 See ESOH AOC	-	-	1629 x 150	-	-

ESOH 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
18	1509	1509	1509	1509	-
36	1509	1509	1509	1509	-

ESOH 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
18	Barrette CL CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (50.0 ft)	-	-	1509/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
36	-	Green	PAPI Left/3.00° (21.5 ft)	-	-	1509/60 M White Caution zone 600 m yellow LIL/LIH	Red	-

10 Remarks:	-
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ESOH 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 S apron
At windsock S apron |
| 3. | TWY edge and centre line lighting | Edge: TWY A

CL: - |
| 4. | Secondary power supply/switch-over time | Available/7 sec |
| 5. | Remarks | - |

ESOH 2.16 HELICOPTER LANDING AREA

RWY 18/36 to be used

ESOH 2.17 ATS AIRSPACE

- | | | | |
|----|-----------------------------------|--|---|
| 1. | Designation and lateral limits | HAGFORS TIZ | 600844N 0133718E - 600132N 0134406E -
595352N 0133915E - 595339N 0133141E -
600100N 0132526E - 600832N 0133016E -
600844N 0133718E |
| 2. | Vertical limits | HAGFORS TIZ | <u>1000 ft GND</u>
GND |
| 3. | Airspace classification | G | |
| 4. | ATS unit call sign
Language(s) | HAGFORS INFORMATION
Swedish/English | |
| 5. | Transition altitude | 5000 ft AMSL | |
| 6. | Remarks | TIZ established during hours of AFIS. | |

ESOH 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	HAGFORS INFORMATION	122.225 MHz	HO	-
		121.500 MHz	HO	-

ESOH 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 18 ILS CAT I (4° E 2015)	IHF	110.10 MHz	H24	600042.9N 0133447.5E		155 m beyond THR 36
GP		334.40 MHz	H24	600125.7N 0133434.4E		Angle 3.0° RDH 49.9 ft 330 m THR 18 right side
OM				600634.8N 0133403.4E		-
MM				600210.4N 0133437.5E		-
L 18	HT	345 kHz	H24	600634.7N 0133403.0E		Range 15 NM
L 36	AB	393 kHz	H24	595701.5N 0133509.0E		Range 15 NM
DME	IHF	110.10 MHz	H24	600116.3N 0133451.0E	492 ft	DME channel 38X

ESOH 2.20 LOKALA TRAFIKFÖRESKRIFTER

NDB 36 och AB väntläge får användas efter tillstånd från ESOK ATS. Se ESOH-5-4.

LOCAL TRAFFIC REGULATIONS

NDB 36 and AB holding is available with prior permission from ESOK ATS. See ESOH-5-4.

ESOH 2.21 MINSKNING AV BULLERSTÖRNING

Överflygning av Råda samhälle (SE RWY 18) och Uddeholm samhälle bör undvikas.

NOISE ABATEMENT PROCEDURES

Overflying Råda (SE end RWY 18) and Uddeholm should be avoided.

ESOH 2.22 FLYGPROCEDURER

Startprocedurer, omnidirectional

FLIGHT PROCEDURES

Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
18	Climb straight ahead with MNM 240 ft/NM (3.9%) to MNM turning ALT 1300 ft. Continue climb to appropriate MSA.	Terrain	788	166°/4550
		Terrain	1444	132°/9800
36	Climb straight ahead with MNM 320 ft/NM (5.2%) to MNM turning ALT 1400 ft.	Terrain	1100	015°/6000
		Antenna	1050	005°/7441
		Terrain	1247	017°/9700

ESOH 2.23 ÖVRIG INFORMATION

NIL

ADDITIONAL INFORMATION

NIL

ESOH 2.24 TILLHÖRANDE KARTOR

AD Chart	
AOC	RWY 18/36
IAC	ILS or LOC RWY 18
IAC	NDB RWY 18
IAC	NDB z RWY 36
IAC	NDB y RWY 36
VAC	

RELATED CHARTS

ESOH-2-1
ESOH-3-1
ESOH-5-1
ESOH-5-2
ESOH-5-3
ESOH-5-4
ESOH 6-1