

AD 2 AERODROMES**ESSU 2.1 AERODROME LOCATION INDICATOR AND NAME****ESSU – ESKILSTUNA****ESSU 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 592108N 0164230E RWY 803 m N THR 36 |
| 2. | Direction and distance from (city) | E 6 NM from Eskilstuna |
| 3. | Elevation/Reference temperature | 140 ft/+19.0°C |
| 4. | Geoid undulation at AD ELEV PSN | 85 ft |
| 5. | MAG VAR/Annual change | 5° E 2015/+0.1 increasing |
| 6. | Administration, address, telephone, fax, AFS | Eskilstuna Kommunföretag AB
Eskilstuna flygplats
SE-635 06 Eskilstuna
TEL: +46 (0)16 940 20
E-mail: ats@eskilstunaflygplats.se
AFS: ESSUZZX
Website: www.eskilstunaflygplats.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 2C |
| 8. | Remarks | - |

ESSU 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1100, 1200-1600 (0600-1000, 1100-1500)
H24 |
| 2. | Customs and immigration | O/R |
| 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 0700-1100, 1200-1600 (0600-1000, 1100-1500) |
| 8. | Fuelling | MON-FRI 0700-1600 (0600-1500) |
| 9. | Handling | O/R |
| 10. | Security | - |
| 11. | De-Icing | Available |
| 12. | Remarks | Increased charges outside AFIS HR of OPS |

ESSU 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|--|
| 1. | Cargo-handling facilities | Forklift |
| 2. | Fuel/oil types | Fuel 91/96UL, Jet A1, 100LL
Oil - |
| 3. | Fuelling facilities/discharge capacity | 91/96UL: 10,000 l
Jet A1: 50,000 l
100LL: 50,000 l |
| 4. | De-icing facilities | Available, Type I |
| 5. | Hangar space for visiting ACFT | Available |
| 6. | Repair facilities for visiting ACFT | Available |
| 7. | Remarks | - |

ESSU 2.5 PASSENGER FACILITIES

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

ESSU 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

ESSU 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | 3 Snowploughs, 2 Sweepers/blowers, 2 Snowslingers, 1 Spreader |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | - |

ESSU 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--|
| 1. | Apron surface and strength | Apron N Part ASPH PCN 36 F/B/X/T
Apron S Part ASPH PCN 15 F/B/X/T |
| 2. | Taxiway width, surface and strength | TWY A 15 m ASPH PCN 36 F/B/X/T
TWY B 7.5 m ASPH PCN 15 F/B/X/T |
| 3. | ACL, location and elevation | Apron 143 ft |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | TWY B Only daylight VFR. |

ESSU 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 | Stand positions and taxi guide lines |
| 2. | RWY and TWY markings and LGT | RWY 18/36: Designator, THR, TDZ, CL, edges day marked.
RTHL, REDL, RENL

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

ESSU 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					

ESSU 2.11 METEOROLOGICAL INFORMATION PROVIDED

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|-----|--|---|
| 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 | ESKILSTUNA AFIS |
| 10. | Additional information (limitation of service,
etc.) | Flight planning room available |

ESSU 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	178.05° GEO 173° MAG	1886 x 35	PCN 36 F/B/X/T CONC+ASPH	592134.34N 0164228.21E GUND 85 ft	THR 129 ft TDZ 130 ft
36	358.05° GEO 353° MAG	1886 x 35	PCN 36 F/B/X/T CONC+ASPH	592033.42N 0164232.28E GUND 85 ft	THR 130.4 ft TDZ 134 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
18 Info not avbl.	-	-	2292 x 150	-	-
36 Info not avbl.	286 x 35	-	2292 x 150	-	-

ESSU 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
18	1886	1886	1886	1886	Starter extension 286 m in daylight VMC.
36	1886	1886	1886	1886	ASDA 2172 m in daylight VMC.

ESSU 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	-	Green	APAPI Left/2.86° (49.9 ft)	-	-	1886/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
36	Calvert CAT I 900 m LIL/LIH	Green	APAPI Left/3.00° (49.9 ft)	-	-	1886/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 18: TRID LIH. PCL LIL RWY and APCH on frequency 126.850 MHz for 10 SEC. RWY 36: PCL LIL RWY and APCH on frequency 126.850 MHz for 10 SEC.								

ESSU 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- | | | |
|----|--|---|
| 1. | ABN/IBN location, characteristics and hours of operation | ABN at TWR FLG W/G 24/min
lit DUR daylight and PCL |
| 2. | LDI location and LGT
Anemometer location and LGT | Windsocks at RWY ends
600 m N THR 36 |
| 3. | TWY edge and centre line lighting | Edge: TWY A

CL: - |
| 4. | Secondary power supply/switch-over time | Available/15 sec |
| 5. | Remarks | - |

ESSU 2.16 HELICOPTER LANDING AREA

RWY 18/36 to be used.

ESSU 2.17 ATS AIRSPACE

- | | | | |
|----|-----------------------------------|---|--|
| 1. | Designation and lateral limits | ESKILSTUNA TIZ | 593045N 0164511E - 592928N 0164942E -
591812N 0165209E - 590943N 0164722E -
590933N 0163941E - 591647N 0163411E -
592421N 0163357E - 592348N 0163944E -
593045N 0164511E |
| 2. | Vertical limits | ESKILSTUNA TIZ | 1500 ft AMSL
<u>GND</u> |
| 3. | Airspace classification | G | |
| 4. | ATS unit call sign
Language(s) | ESKILSTUNA INFORMATION
Swedish/English | |
| 5. | Transition altitude | 5000 ft AMSL | |
| 6. | Remarks | TIZ established during hours of AFIS. | |

ESSU 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	ESKILSTUNA INFORMATION	126.850 MHz	HO	Primary FREQ VDF
		121.500 MHz	HO	VDF

ESSU 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
L 18	NN	362 kHz	H24	592336.7N 0164219.8E		Range 15 NM
LOC 36 ILS CAT I (5° E 2015)	SU	110.90 MHz	H24	592147.9N 0164227.3E		420 m beyond THR 18
GP		330.80 MHz	H24	592041.7N 0164240.6E		Angle 3.0° RDH 51 ft 250 m past THR 36 right side
L 36	LX	402 kHz	H24	591631.7N 0164247.3E		Range 25 NM
DME	SU	110.90 MHz	H24	592041.8N 0164240.3E	154 ft	DME channel 46X

ESSU 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Skolflygning
 - a) För all skolflygning gäller PPR, TEL 016 940 20 MON–FRI 0700–1600 (0600–1500).
 - b) Upprepade start- och landningar, TGL, tillåts endast MON–FRI 0700–1600, TUE och THU även 1700–2100 (1600–2000).
2. VFR-flygning
 - a) För upprepade start och landningar, TGL under mörker gäller PPR, TEL 016 940 20 MON–FRI 0700–1600 (0600–1500).
 - b) Upprepade start och landningar, TGL tillåts endast MON–FRI 0700–1600 (0600–1500), TUE och THU även 1700–2100 (1600–2000) samt SAT, SUN och HOL 0800–1600 (0700–1500)
 - c) TGL får inte utföras under nyårsdagen, långfredagen, påskafton, Kristi Himmelsfärdsdag, pingstafton, midsommarafton, midsommardagen, Alla helgons dag, julafton och juldagen.

LOCAL TRAFFIC REGULATIONS

1. School flight
 - a) All school flights are subject to PPR, TEL +46 (0)16 940 20 MON–FRI 0700–1600 (0600–1500).
 - b) Repeated touch-and-go landings, TGL, are permitted only MON–FRI 0700–1600 (0600–1500), TUE and THU also 1700–2100 (1600–2000).
2. VFR flight
 - a) Repeated touch-and-go landings, TGL during darkness are subject to PPR, TEL +46 (0)16 940 20 MON–FRI 0700–1600 (0600–1500).
 - b) Repeated touch-and-go landings, TGL permitted only MON–FRI 0700–1600 (0600–1500), TUE and THU also 1700–2100 (1600–2000) and SAT, SUN and HOL 0800–1600 (0700–1500).
 - c) TGL is not permitted New Year's Day, Good Friday, Easter Eve, Ascension Day, Whitsun Eve, Midsummer Eve, Midsummer Day, All Saints Day, Christmas Eve and Christmas Day.

ESSU 2.21 MINSKNING AV BULLERSTÖRNING

1. Trafikvarvshöjd 1000 ft GND.
2. Flygning över Kjula samhälle får ej ske under 2000 ft GND.

NOISE ABATEMENT PROCEDURES

1. Altitude in aerodrome traffic circuit: 1000 ft GND.
2. Overflight of the built-up areas of Kjula is not allowed below 2000 ft GND.

ESSU 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
18	Climb straight ahead with MNM 350 ft/NM (5.6%) to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	Terrain	263	179°/2250
36	Climb straight ahead with MNM 360 ft/NM (5.9%) to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	Terrain (CIO) Terrain	279 296	004°/2100 350°/2450

ESSU 2.23 ÖVRIG INFORMATION

1. Förhandsmeddelande (PN) krävs för nedanstående flygverksamhet inom Stockholm TMA.
 - a) Skol- och övningsflygning som omfattar "airwork", flygning i väntläge och/eller upprepande instrumentinflygningar.
 - b) Fotoflygning.
 - c) Geologisk mätflygning och liknande.
 - d) Lyft av fallskärmsshoppare.
 - e) Förplanerad kontrollflygning (mätflygning) av navigerings- och inflygningshjälpmedel.

Innan färdplan lämnas in, skall förhandsmeddelande lämnas till skiftledaren vid Stockholm ACC TEL 08 585 547 02.
Undantag: om flygningen kommer att beröra sektor Västerås, skall tillstånd inhämtas från Västerås ATS TEL 021 80 00 20.

ADDITIONAL INFORMATION

1. Prior notice (PN) is required for operations mentioned below within Stockholm TMA.
 - a) School and training flights comprising "airwork", holding, and/or repeated instrument approaches.
 - b) Aerial photographing.
 - c) Geological survey flights and the like.
 - d) Lifting of parachutists.
 - e) Non-urgent nav aids and approach aids calibration flights.

Before submitting the flight plan, the operator shall give prior notice of the flight to the Watch Supervisor. Stockholm ACC TEL +46 (0)8 585 547 02.
Exception: if the flight will be conducted within Västerås sector, permission shall be obtained from Västerås ATS, TEL +46 (0)21 80 00 20.

ESSU 2.24 TILLHÖRANDE KARTOR

AD chart
 IAC NDB+DME+ILS RWY 36
 IAC NDB+DME RWY 36
 IAC NDB+DME RWY 18
 VAC

RELATED CHARTS

ESSU 2-1
 ESSU 5-1
 ESSU 5-2
 ESSU 5-3
 ESSU 6-1