

AD 2 AERODROMES**ESST 2.1 AERODROME LOCATION INDICATOR AND NAME****ESST – TORSBY****ESST 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|--|
| 1. | ARP coordinates and site at AD | 600917N 0125937E RWY 475 m from THR 34 |
| 2. | Direction and distance from (city) | NNW 1.5 NM from Torsby |
| 3. | Elevation/Reference temperature | 394 ft/+21.5°C |
| 4. | Geoid undulation at AD ELEV PSN | 106 ft |
| 5. | MAG VAR/Annual change | 6° E 2025/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Torsby flygplats
Vasserudsvägen 3
SE-685 34 Torsby
TEL: +46 (0)560 717 24, +46 (0)560 106 54
FAX: +46 (0)560 143 99
E-mail: airport.esst@torsby.se
AFS: ESSTZTX
Website: www.torsbyflygplats.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 3C |
| 8. | Remarks | PPR for IFR and commercial traffic: TEL +46 (0)560 717 24,
E-mail: ats.torsby@acr-sweden.se.
IFR traffic is only allowed when ATS is open. |

ESST 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | O/R
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 0430-0545, 0815-0950, 1500-1615, 1730-1905
(0330-0445, 0715-0850, 1400-1515, 1630-1805)
OTHER HR O/R TEL +46 (0)560 717 24 |
| 8. | Fuelling | O/R MON-FRI 0600-1600 (0500-1500) TEL +46 (0)560 717 24
OTHER HR O/R TEL +46 (0)560 106 54 |
| 9. | Handling | O/R |
| 10. | Security | O/R |
| 11. | De-icing | HX |
| 12. | Remarks | - |

ESST 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: 30,000 l, stationary unit
100LL: 10,000 l, stationary unit |
| 4. | De-icing facilities | Available, Type I and II |
| 5. | Hangar space for visiting ACFT | - |
| 6. | Repair facilities for visiting ACFT | Limited |
| 7. | Remarks | For payment of fuel major credit cards accepted. |

ESST 2.5 PASSENGER FACILITIES

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

ESST 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|--|
| 1. | AD category for fire fighting | CAT 3 for SKED traffic, other O/R (Max CAT 6) |
| 2. | Rescue equipment | By arrangement, municipal rescue service |
| 3. | Capability for removal of disabled aircraft | By arrangement, contact Accountable manager.
TEL: +46 (0)70 398 83 76 |
| 4. | Remarks | - |

ESST 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|------------------------------|
| 1. | Types of clearing equipment | Sweeper/blower, snow slinger |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | No clearing SAT, SUN and HOL |

ESST 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|-------------------------------------|--|
| 1. | Apron surface and strength | Apron ASPH PCN 37 F/C/W/T |
| 2. | Taxiway width, surface and strength | TWY A 15 m ASPH PCN 37 F/C/W/T
TWY B 10 m ASPH PCN 15 F/B/X/T |
| 3. | ACL, location and elevation | Apron 396 ft |
| 4. | VOR checkpoints | - |
| 5. | INS checkpoints | - |
| 6. | Remarks | TWY B max code letter B aircraft. |

ESST 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 16/34: Designator, THR, CL and edges are day marked.
RTHL, REDL, RENL.

TWY A: CL, HLDG day marked, edge LGT, RGL.

B: CL, HLDG day marked, edge LGT, RGL.
3. Stop bars

-
4. Remarks

-

ESST 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
ESST1	Forest	600857.6N 0130000.7E	123.3 / -	-	-
ESST2	LOC	600855.2N 0125955.0E	125.3 / -	-	-
ESST3	Forest	600853.7N 0130005.7E	129.3 / -	-	-
ESST4	Forest	600848.1N 0125959.1E	132.4 / -	-	-
ESST5	Forest	600843.4N 0125953.8E	138.6 / -	-	-
ESST6	Building	600814.9N 0130049.0E	158.4 / -	-	-
ESST7	Shrub	600954.2N 0125859.9E	109.8 / -	-	-
ESST8	Shrub	600957.0N 0125859.7E	111.4 / -	-	-
ESST9	Forest	601006.1N 0125846.6E	121.0 / -	-	-
ESST10	Forest	601012.2N 0125838.8E	125.9 / -	-	-
ESST11	Forest	601051.9N 0125756.3E	150.3 / -	-	-
ESST12	Forest	601054.2N 0125755.8E	151.1 / -	-	-
ESST13	Forest	601102.9N 0125754.5E	154.8 / -	-	-
ESST14	Forest	601213.5N 0125632.8E	215.2 / -	-	-
ESST15	Forest	601212.8N 0125624.0E	231.6 / -	-	-
ESST16	Forest	601235.0N 0125603.3E	252.1 / -	-	-
ESST17	Forest	601237.2N 0125606.8E	256.3 / -	-	-
ESST18	Forest	601239.1N 0125615.7E	257.4 / -	-	-
ESST19	Pole	601241.1N 0125610.0E	273.9 / -	-	-
ESST20	Forest	601243.6N 0125617.8E	286.9 / -	-	-
ESST21	Forest	601315.9N 0125634.5E	300.3 / -	-	-
ESST22	Forest	601324.1N 0125620.2E	314.9 / -	-	-
ESST23	Forest	601330.9N 0125559.6E	328.5 / -	-	-
ESST24	Forest	601335.0N 0125606.6E	334.5 / -	-	-
ESST25	Forest	601338.6N 0125559.3E	344.8 / -	-	-
In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

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

ESST 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
16	157.70° GEO 152° MAG	1590 x 30	PCN 37 F/C/W/T ASPH	600950.31N 0125909.75E GUND 107 ft	THR 350 ft
34	337.71° GEO 332° MAG	1590 x 30	PCN 37 F/C/W/T ASPH	600902.77N 0125948.85E GUND 106 ft	THR 394 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
16 See ESST AOC	-	-	1770 x 280	-	See AD chart for strip limitation.
34 See ESST AOC	-	-	1770 x 280	-	See AD chart for strip limitation.

ESST 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
16	1590	1590	1590	1590	-
34	1590	1590	1590	1590	-

ESST 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
16	Barrette CAT I 900 m LIH	Green	PAPI Left/3.50° (16.4 ft)	-	-	1590/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
34	SALS 420 m LIH	Green	PAPI Left/3.50° (16.4 ft)	-	-	1590/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: -								

ESST 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

-
At RWY ends, lighted. 15 m north DME NST, lighted.
3.

TWY edge and centre line lighting

Edge: TWY A, B

CL: -
4.

Secondary power supply/switch-over time

Available/4.5 sec
5.

Remarks

-

ESST 2.16 HELICOPTER LANDING AREA

RWY 16/34 to be used

ESST 2.17 ATS AIRSPACE

1.	Designation and lateral limits	TORSBY TIZ/RMZ	601836N 0125436E - 601047N 0130416E - 600308N 0130822E - 600154N 0130215E - 600843N 0125414E - 601741N 0125008E - 601836N 0125436E
2.	Vertical limits	TORSBY TIZ/RMZ	2600 ft AMSL GND
3.	Airspace classification	G	
4.	ATS unit call sign Language(s)	TORSBY INFORMATION	Swedish/English
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	Continuous two-way radiocommunication required in TIZ/RMZ. TIZ/RMZ established during hours of AFIS.	

ESST 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	TORSBY INFORMATION	122.055	HX	-
		121.500	HX	-

ESST 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 16 (6° E 2025)	NST	108.70 MHz	HO	600855.3N 0125955.0E		250 m beyond THR 34
L 16	TH	402 kHz	H24	601546.7N 0125401.5E		Range 15 NM
LOC 34 (6° E 2025)	ST	110.90 MHz	HO	601001.7N 0125900.4E		380 m beyond THR 16 Positive guidance only between ±10° from approach line
L 34	TY	384 kHz	H24	600555.0N 0130216.7E		Range 25 NM
DME	NST	108.70 MHz	H24	600927.9N 0125933.4E	400 ft	DME channel 24X

ESST 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Skol- och övningsflygning med upprepade start och landningar ej tillåtet mellan 2100-0500 (2000-0400).
2. Då ATS är stängt ska visuell kontroll av start- och landningsbana genomföras innan start med luftfartyg för att säkerställa att ingen fordonstrafik eller verksamhet pågår inom manöverområdet.
- Inför landning ska en s.k. "visuell överflygning" genomföras, för att säkerställa att ingen fordonstrafik eller annan verksamhet pågår inom manöverområdet.

LOCAL TRAFFIC REGULATIONS

1. School and training flights with repeated TKOF and LDG not permitted between 2100-0500 (2000-0400).
2. When ATS is closed, a visual check of the runway shall be conducted before take off to ensure that there are no other activities or vehicles occupying the movement area.
- Before landing, a "visual fly over check" shall be conducted to ensure that there are no other activities or vehicles occupying the movement area.

ESST 2.21 MINSKNING AV BULLERSTÖRNING

Start och landning över Torsby samhälle ska undvikas om det kan ske utan flygsäkerhetspåverkan.

NOISE ABATEMENT PROCEDURES

Take off and landning over Torsby community should be avoided if possible without flight safety impact.

ESST 2.22 FLYGPROCEDURER

FLIGHT PROCEDURES

Startprocedurer, omnidirectional

Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
16	Climb straight ahead to MNM turning ALT 1500 ft AMSL. Continue climb to appropriate MSA.	CIO exist	-	-
34	Climb straight ahead with MNM 290 ft/NM (4.7%) to MNM turning ALT 1800 ft AMSL. Continue climb to appropriate MSA.	Pylon CIO exist	1905	354°/15730

Lägsta RVR för avgående trafik är 550 m.

Minimum RVR for departing traffic is 550 m.

ESST 2.23 ÖVRIG INFORMATION

ADDITIONAL INFORMATION

1. Omfattande segelflygverksamhet JUN – JUL

2. Störande belysning från sportfält 1100 m S om THR RWY 34.

3. Nya flygoperatörer vid Torsby flygplats med luftfartyg tillhörande referenskodsiffr 3 skall ha tagit del av den aktuella hindersituationen och övriga avsteg från referenskod 3C innan flygplatsen trafikeras. Dokumentation tillhandahålls av flygplatsen. Flygoperatören skall innan trafiken påbörjas redovisa för flygplatsen att de kan operera på ett säkert sätt.

4. Undantag från krav i CS ADR-DSN för flygplatsreferenskod 3C:
 - Delar av stråket uppfyller inte krav på stråkbredd.
 - Tvärlutningen på den del av stråket som är mellan banan och den östra hangarplattan uppfyller inte lutningskravet på max 2.5% på den graderade delen.
 - Det finns fasta föremål på stråket, vilka avviker från kravet.
 - Avstånd från väntplats för TWY B till banans centrumlinje är 60 m, vilket avviker från kravet på 75 m.
 - Det finns hinder i den koniska ytan, horisontella ytan, inflygningsytan, start- och stigyten, övergångsytorna och stråkytorna.
1. Extensive gliding activity JUN – JUL

2. Disturbing lights from sports ground located 1100 m S of THR RWY 34.

3. New operators at Torsby AD with aircraft belonging to aerodrome reference code number 3 shall review the obstacle situation and other deviations from reference code 3C. Documentation of the deviations is available from the aerodrome administration. Before the traffic commences, the operator must present to the aerodrome that they can operate safely.

4. Exemptions from requirements in CS ADR-DSN for aerodrome reference code 3C:
 - Parts of the runway strip does not fulfil the requirement for width of runway strip.
 - The transverse slope on the strip between the runway and the hangar apron east of the runway does not fulfil the requirement of max 2.5% on the graded part.
 - There are objects on the runway strip, which do not fulfil the requirement.
 - Distance between the runway holding position on TWY B and the runway centre line is 60 m, the requirement is 75 m.
 - There are obstacles penetrating the conical surface, horizontal surface, approach surface, take-off- and climb surface, transitional surfaces and the strip surface.

ESST 2.24 TILLHÖRANDE KARTOR**RELATED CHARTS**

AD chart		ESST 2-1
AOC	RWY 16/34	ESST-3-1
List of waypoints and significant points		ESST 4-3
IAC	LOC RWY 16	ESST 5-1
IAC	NDB RWY 16	ESST 5-2
IAC	LOC RWY 34	ESST 5-3
IAC	NDB RWY 34	ESST 5-4
IAC	RNP RWY 16	ESST 5-5
IAC	RNP RWY 34	ESST 5-9
VAC		ESST 6-1