

**AD 2 AERODROMES****ESTA 2.1 AERODROME LOCATION INDICATOR AND NAME****ESTA - ÄNGELHOLM****ESTA 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1. ARP coordinates and site at AD	561728N 0125118E RWY 14/32 centre point
2. Direction and distance from (city)	N 4 NM from Ängelholm
3. Elevation/Reference temperature	62 ft/+22.2°C
4. Geoid undulation at AD ELEV PSN	121 ft
5. MAG VAR/Annual change	5° E (2025)/+0.2 increasing
6. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Ängelholms flygplats AB Ängelholm Helsingborg Airport SE-262 91 Ängelholm TEL: +46 431 48 45 00 FAX: +46 431 48 45 10 E-mail: info@aghairport.se AFS: ESTAZTZX Website: www.aghairport.se
7. Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8. Remarks	PPR outside TWR hours. Request shall be made during AD operator hours. Mail: ok@aghairport.se.

**ESTA 2.3 OPERATIONAL HOURS**

1. AD operator	MON-FRI 0700-1500 (0600-1400)
AD Operating hours	As ATS
2. Customs and immigration	O/R TEL +46 40 661 32 20
3. Health and sanitation	-
4. AIS Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
5. ATS Reporting Office (ARO)	As ATS
6. MET Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
7. ATS	Ref AIP SUP/NOTAM
8. Fuelling	As ATS
9. Handling	As ATS
10. Security	O/R
11. De-Icing	As ATS
12. Remarks	Increased charges outside AD Operating HR of OPS

**ESTA 2.4 HANDLING SERVICES AND FACILITIES**

1. Cargo-handling facilities	-
2. Fuel and oil types	Fuel: Jet A1, UL 91 Oil: -
3. Fuelling facilities and capacity	Jet A1: 100,000 l fuel truck UL 91: 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

## ESTA 2.5 PASSENGER FACILITIES

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

## ESTA 2.6 RESCUE AND FIRE FIGHTING SERVICES

1. AD category for fire fighting	CAT 6. For commercial traffic exceeding 2500 kg MTOW 180 sec, other traffic 8 min
2. Rescue equipment	By arrangement
3. Capability for removal of disabled aircraft	Aircraft up to CAT C after arrangement, contact +46 70 868 70 53.
4. Remarks	-

## ESTA 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1. Types of clearing equipment	Snowploughs, blowers, sweepers, spreaders
2. Clearance priorities	RWY, TWY, Apron
3. Use of material for movement area surface treatment	RWY de-iced/anti-iced with KFOR
4. Specially prepared winter runways	-
5. Remarks	-

## ESTA 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1. Apron surface and strength	Apron D ASPH PCN 25/F/C/X/T Apron E ASPH PCN 51/F/C/X/U Apron W ASPH PCN 51/F/C/X/U
2. Taxiway width, surface and strength	TWY A 18 m ASPH PCN 51/F/C/X/U TWY C 18 m ASPH PCN 51/F/C/X/U TWY F 18 m ASPH PCN 51/F/C/X/U TWY G 15 m ASPH PCN 25/F/C/X/T TWY M 10 m CONC PCN 25/R/C/X/T
3. ACL, location and elevation	Apron E 50 ft
4. VOR checkpoints	-
5. INS checkpoints	-
6. Remarks	TWY F Distance to beginning of RWY 32 is 100 m

## ESTA 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
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- 2. **RWY and TWY markings and LGT** RWY 14/32: Designator, THR, TDZ, CL and edges are day marked RTHL, REDL, RENL  
TWY A: CL, HLDG day marked. Edge lights, RGL  
TWY C: CL, HLDG day marked. Edge lights, RGL  
TWY F: CL, HLDG day marked. Edge lights, RGL  
TWY G: CL, HLDG day marked. Edge lights, RGL  
TWY M: CL, HLDG day marked. RGL
- 3. **Stop bars** -
- 4. **Remarks** -

**ESTA 2.10 AERODROME OBSTACLES**

In Area 2				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
ESTA1	TREE	561703.0N 0125156.6E	61 ft / -	-
ESTA2	TREE	561629.8N 0125246.0E	120 ft / -	-
ESTA3	ANTENNA	561757.8N 0125024.6E	72 ft / -	-
ESTA4	TREE	561824.6N 0124923.3E	127 ft / -	-
ESTA5	TREE	561844.2N 0124842.5E	165 ft / -	-
<b>f Remarks:</b> -				

In Area 3				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
<b>f Remarks:</b> Not available				

**ESTA 2.11 METEOROLOGICAL INFORMATION PROVIDED**

- 1. **Associated MET Office** STOCKHOLM/ARLANDA
- 2. **Hours of service** H24  
**MET Office outside hours**
- 3. **Office responsible for TAF preparation** STOCKHOLM/ARLANDA  
**Periods of validity, interval of issuance** 9 HR, <https://tafplanner.smhi.se/app.php/production-program>
- 4. **Trend forecast** -  
**Interval of issuance**
- 5. **Briefing/consultation provided** FPC H24, +46 8 797 63 40, [www.lfv.se/fpc](http://www.lfv.se/fpc)
- 6. **Flight documentation** TAF, METAR, SIGMET, Upper air winds  
**Language(s) used** 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** ÄNGELHOLM TWR  
ÄNGELHOLM APP
- 10. **Additional information (limitation of service, etc.)** Flight planning room available at apron W

**ESTA 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	True 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
14	136.38°	1945 x 45	PCN 51/F/C/X/U ASPH	561752.12N 0125039.16E GUND 120.6 ft	THR 60.2 ft TDZ: 60.8 ft
32	316.39°	1945 x 45	PCN 51/F/C/X/U ASPH	561706.60N 0125157.16E GUND 121 ft	THR 52 ft
Designations RWY NR	Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	RESA dimensions (m)
1	7	8	9	10	11
14	See ESTA AOC	-	-	2065 x 300	90 x 90
32	See ESTA AOC	-	205 x 180	2065 x 300	240 x 90
Designations RWY NR	Location/ description of arresting system		OFZ (Yes/No)	Remarks	
1	12		13	14	
14	-		-	-	
32	-		-	-	

### ESTA 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14	1945	1945	1945	1945	-
32	1945	2150	1945	1945	-

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	-	Remarks
1		2	3	4	5	6
14	TWY A	1402	1402	1402	-	-
32	TWY F	1857	2062	1857	-	-

### ESTA 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
14	CAT I 900 M LIH	Green	PAPI Left side/3.00° 37 ft	-	-	1945/60 m White Caution zone 600 m yellow LIH	Red	-

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
32	SALS 420 M LIH	Green	PAPI Left side/3.00° 54 ft	-	-	1945/60 m White Caution zone 600 m yellow LIH	Red	-
<b>10 Remarks:</b> RWY 14: Barrette CL LED lights on APCH LGT  RWY 32: LED lights on APCH LGT								

**ESTA 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

- 1. **ABN/IBN location, characteristics and hours of operation** -
- 2. **LDI location and LGT** Windsocks at THRs left side, No light. Windsock N of TWY M, lighted
- Anemometer location and LGT** 400 m S THR 14 and 280 m N THR 32
- 3. **TWY edge and centre line lighting** Edge: A, C, F, G  
CL: -  
LED lights on all RGL
- 4. **Secondary power supply/switch-over time** Available/1 sec
- 5. **Remarks** -

**ESTA 2.16 HELICOPTER LANDING AREA**

RWY 14/32 to be used

**ESTA 2.17 ATS AIRSPACE**

- 1. **Designation and lateral limits** ÄNGELHOLM CTR 562721N 0124021E - 562259N 0130320E -  
561300N 0130602E - 560930N 0130004E -  
561244N 0124651E - 561459N 0124251E -  
562258N 0123255E to point of origin.
- 2. **Vertical limits** ÄNGELHOLM CTR 1500 ft AMSL  
GND
- 3. **Airspace classification** C
- 4. **ATS unit call sign** ANGELHOLM TOWER  
**Language(s)** Swedish/English
- 5. **Transition altitude** 5000 ft AMSL
- 6. **Hours of applicability** CTR established during hours of TWR.
- 7. **Remarks** -

**ESTA 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	ANGELHOLM TOWER	127.105	HO	PRIMARY
		121.500	HO	-
APP	ÄNGELHOLM APPROACH	132.455	HO	-

**ESTA 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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 14 ILS CAT II (5° E 2025)	DB	111.30 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	561657.7N 0125212.4E	-	-	380 m beyond THR 32 LOC Class II/D/3
GP 14	-	332.30 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	561747.5N 0125057.1E	-	-	Angle 3.00° RDH 50.9 ft 317 m past THR 14 left side GP Class II/T/2
L 14	LB	370.5 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	562047.6N 0124558.9E	-	-	Range 25 NM
L 32	AH	417 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	561558.2N 0125402.7E	-	-	Range 15 NM
DME	DB	111.30 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	561747.6N 0125057.3E	82 ft	-	DME Channel 50X

**ESTA 2.20 LOKALA FLYGPLATSFÖRESKRIFTER**

1. Dagligen mellan 2100 och 0500 (2000–0400) får flygplatsen inte trafikeras med flygplan certifierade enligt ICAO Annex 16, Volume I, Part II, Chapter 2.

2. Upprepade instrumentflygningar samt TGL tillåts under följande tider:  
MON–THU 0730–1900 (0630–1800)  
FRI 0730–1600 (0630–1500)  
SAT, SUN, HOL 0900–1600 (0800–1500)

3. På parkeringsplats får APU användas endast när så krävs för motorstart eller för reglering av kabinvärme. APU får därvid inte startas tidigare än 15 min före beräknad tid för taxning.

**ESTA 2.20 LOCAL AERODROME REGULATIONS**

1. 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.

2. Repeated instrument approaches and TGL accepted during the following hours:  
MON–THU 0730–1900 (0630–1800)  
FRI 0730–1600 (0630–1500)  
SAT, SUN, HOL 0900–1600 (0800–1500)

3. On parking stand APU shall not be operated unless required for engine start or adjustment of cabin heat. In no case APU may be started earlier than 15 min before estimated time for taxiing.

4. IFR-trafik ska vara redo för motorstart när start-up begärs från ATC.
5. Minsta möjliga motoreffekt ska användas på plattorna, p.g.a. jetblast.
6. Uppgift om transponderkod lämnas under uttaxning.
7. Flygtrafik utanför ATS öppethållning:
  - Flygplatsens medgivande krävs för flygtrafik.
  - Start och landning får endast ske när sikten överstiger 800 m.
  - Ingen flygtrafik får förekomma i skymning och mörker.
  - All flygtrafik inom CTR ska blandsända sin avsikt på kanal 127.105.
  - Markfordon kan förekomma utan dubbelriktad flygradioförbindelse.
  - Högervarv tillämpas vid start och landning bana 32.

### ESTA 2.21 BULLERREDUCERANDE FÖRFARANDE

1. Över de centrala delarna av Ängelholm bör luftfartyg inte framföras på lägre höjd än 2000 ft AMSL utom då så är nödvändigt i samband med start och landning.
2. Angivna flygvägar för ankommande och avgående trafik har upprättats även för att minska bullerstörningar. Luftfartyg skall noggrant följa i klareringen angiven flygväg samt i övrigt framföras så att onödiga bullerstörningar inte förorsakas.

### ESTA 2.22 FLYGPROCEDURER

#### 1 Ankommande IFR-trafik inom Ängelholm TMA/CTR

Flygvägar  
Se ESTA STARS.

#### 2 Startprocedurer, omnidirectional

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
14	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	Antenna (CIO)	91	132°/1703
32	Climb straight ahead to MNM turning ALT 700 ft. Continue climb to appropriate MSA.	CIO exist	-	-

#### 3 Avbrott i radioförbindelse

Luftfartyg skall följa de föreskrifter som anges i AIP ENR 1.3.

#### 4 Lågsiktsprocedurer (LVP)

Minimum RVR för avgångstrafik är 400 m.

4. IFR traffic shall be ready to start engines when requesting start-up from ATC.
5. Engines shall be operated at minimum thrust on aprons, due to jet blast.
6. Transponder code will be communicated during outtaxiing.
7. Air traffic outside ATS hours of operation:
  - Aerodrome consent is required for all air traffic.
  - Take-off or landing may only take place when visibility exceeds 800 m.
  - No traffic may take place during twilight and darkness.
  - All traffic within the CTR must transmit their intention on channel 127.105.
  - Ground vehicles can occur without two-way VHF communication.
  - Right hand traffic circuit applies for take-off and landing RWY 32.

### ESTA 2.21 NOISE ABATEMENT PROCEDURES

1. Over the central parts of Ängelholm aircraft should not be operated below 2000 ft AMSL except when necessary for take-off or landing.
2. The routes for inbound and outbound traffic have been established also for noise abatement purposes. Aircraft shall strictly adhere to assigned route and be operated in such a manner that unnecessary noise disturbances are not caused.

### ESTA 2.22 FLIGHT PROCEDURES

#### 1 Inbound IFR traffic within Ängelholm TMA/CTR

Routes  
See ESTA STARS.

#### 2 Omnidirectional departure procedures

#### 3 Communication failure

Aircraft shall follow the procedures laid down in AIP ENR 1.3.

#### 4 Low visibility procedures (LVP)

Minimum RVR for departures is 400 m.

LVP finns etablerade och träder ikraft senast om RVR är lägre än 550 m och/eller molnbasen är lägre än 200 ft eller på begäran. Meddelande om att LVP tillämpas lämnas av ATS.

När LVP tillämpas tillåts endast ett luftfartyg eller fordon inom LVP-området (manöverområdet enl. ESTA Aerodrome Chart).

### 5 VFR flygning inom Ängelholm TMA/CTR

Normala in- och utpasseringspunkter  
Se ESTA VAC.

Väntlägen  
Se ESTA VAC.

### 6 Inflygningsprocedur Annan än standard

Speciell inflygningsprocedur Annan än standard CAT II RWY 14 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.

## ESTA 2.23 TILLÄGGSINFORMATION

### 1 Undantag från krav i CS-ADR-DSN:

- Lutningar på plattan – 1.4 % lutning på Platta E.
- Längsgående lutningar på bana – 1.48 % sista 30 m på banan från tröskel bana 14, det vill säga utanför sättpunktszonen bana 32.
- Avstånd mellan lutningsändringar på bana – Krökningsradien finns på en övergång och har radien 10 000 m sista 30 m på banan från tröskeln bana 14, det vill säga utanför sättpunktszonen bana 32.
- Bana för precisionsinflygning - Fasta hinder genomtränger i följande hinderbegränsade ytor enligt förteckning:  
Inflygningsyta bana 32  
Horisontella ytan  
Koniska ytan  
Övergångsytan bana 14 och 32  
Stråkytan bana 14 och 32

### 2 Reducerad banseparation

Reducerad banseparation tillämpas enligt AD 1.1 punkt 10.

## ESTA 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS

Charts	Pages
Aerodrome Chart - ICAO	AD 2 ESTA 2 - 1
AOC - ICAO Type A RWY 14/32	AD 2 ESTA 3 - 1
PATC - ICAO RWY 14	AD 2 ESTA 3 - 3
Area Chart - ICAO ÄNGELHOLM TMA	AD 2 ESTA 5 - 1

LVP are established and will be in force at latest when RVR falls below 550 m and/or the cloudbase is less than 200 ft or on request. The application of LVP will be announced by ATS.

When LVP is applied only one aircraft or vehicles are allowed in the LVP area (same as manoeuvring area on ESTA Aerodrome Chart).

### 5 VFR flight within Ängelholm TMA/CTR

Normal entry and exit points  
See ESTA VAC.

Holding points  
See ESTA VAC.

### 6 Approach procedure Other Than Standard (OTS)

Special approach procedure Other Than Standard (OTS) CAT II RWY 14 available on request.

Low visibility procedures (LVP) shall be in force.

Authorization for Other Than Standard (OTS) Category II operations by the operator's National Aviation Authority is required.

## ESTA 2.23 ADDITIONAL INFORMATION

### 1 Exemptions from requirements in CS-ADR-DSN:

- Slopes on aprons – 1.4 % Slope on Apron E.
- Longitudinal slopes on RWY – 1.48 % the last 30 m on RWY from THR RWY 14, in other words outside RWY 32 touchdown zone.
- Distance between slope changes – The radius of curvature is at a transition and has a radius of 10 000 m last 30 m on RWY from THR RWY 14. In other words outside RWY 32 touchdown zone.
- Precision approach runways – Fixed obstacles penetrate the following obstacle limitation surfaces according to list:  
Approach surface RWY 32  
Horizontal surface  
Conical surface  
Transition surface RWY 14/32  
Strip RWY 14/32

### 2 Reduced runway separation

Reduced runway separation applies in accordance with AIP AD 1.1 para 10.

## ESTA 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

<i>Charts</i>	<i>Pages</i>
STAR - ICAO RNP STAR RWY 14 - NILEN 3H, XIRTO 3H	AD 2 ESTA 6 - 1
STAR - ICAO RNP STAR RWY 32 - NILEN 3G	AD 2 ESTA 6 - 3
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 ESTA 7 - 1
IAC - ICAO ILS z Cat I or LOC z RWY 14	AD 2 ESTA 8 - 1
IAC - ICAO ILS y Cat I or LOC y RWY 14	AD 2 ESTA 8 - 2
IAC - ICAO ILS SA Cat II RWY 14	AD 2 ESTA 8 - 3
IAC - ICAO NDB RWY 14	AD 2 ESTA 8 - 5
IAC - ICAO NDB RWY 32	AD 2 ESTA 8 - 7
IAC - ICAO RNP RWY 14	AD 2 ESTA 8 - 9
IAC - ICAO RNP RWY 32	AD 2 ESTA 8 - 13
VAC - ICAO	AD 2 ESTA 9 - 1

**LIST OF WAYPOINTS AND SIGNIFICANT POINTS**

See ESTA ÄNGELHOLM 4

**ESTA 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)**

NDB RWY 32 och RNP RWY 32

Hinder 0.3 NM före bantröskel genomtränger ytan för visuella segmentet.

**ESTA 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION**

NDB RWY 32 and RNP RWY 32

Obstacle 0.3 NM prior THR penetrates visual segment surface.