

**AD 2 AERODROMES****ESMX 2.1 AERODROME LOCATION INDICATOR AND NAME****ESMX – VÄXJÖ/KRONOBERG****ESMX 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- |    |  |   |
|----|--|---|
| 1. | ARP coordinates and site at AD               | 565549N 0144344E RWY 1203 m inwards THR 01  |
| 2. | Direction and distance from (city)           | NW 3.5 NM from Växjö  |
| 3. | Elevation/Reference temperature              | 610 ft/+22.0°C  |
| 4. | Geoid undulation at AD ELEV PSN              | 108 ft  |
| 5. | MAG VAR/Annual change                        | 5° E 2015/+0.1 increasing   |
| 6. | Administration, address, telephone, fax, AFS | Smaland Airport AB<br>SE-355 93 Växjö<br>TEL: +46 (0)470 75 85 00<br>FAX: +46 (0)470 75 85 09<br>AFS: ESMXZTZX<br>Website: www.smalandairport.se                                      |
| 7. | Types of traffic permitted (IFR/VFR)         | IFR/VFR. Max RWY ref code 4E  |
| 8. | Remarks                                      | PPR compulsory to IFR school and training flights.<br>PPR for all traffic outside TWR HR of OPS.<br>Request shall be made during AD HR of Administration<br>TEL: +46 (0)470 75 85 30. |

**ESMX 2.3 OPERATIONAL HOURS**

- |     |   |   |
|-----|---|---|
| 1.  | AD Administration<br>AD Operating hours | 0700-1530 (0600-1430)<br>As ATS             |
| 2.  | Customs and immigration                 | O/R TEL +46 (0)40 661 32 20                 |
| 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 ATS                                      |
| 9.  | Handling                                | O/R   |
| 10. | Security                                | O/R   |
| 11. | De-Icing                                | As ATS                                      |
| 12. | Remarks                                 | Increased charges outside TWR HR of OPS     |

**ESMX 2.4 HANDLING SERVICES AND FACILITIES**

- |    |  |   |
|----|--|---|
| 1. | Cargo-handling facilities              | O/R   |
| 2. | Fuel/oil types                         | Fuel Jet A1, 100LL<br>Oil -                                 |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 2 x 20,000 l. Trucks<br>100LL: 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 BP  |

**ESMX 2.5 PASSENGER FACILITIES**

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

**ESMX 2.6 RESCUE AND FIRE FIGHTING SERVICES**

- |    |   |  |
|----|---|--|
| 1. | AD category for fire fighting               | CAT 6, CAT 7 available O/R               |
| 2. | Rescue equipment                            | By arrangement, municipal rescue service |
| 3. | Capability for removal of disabled aircraft | By arrangement                           |
| 4. | Remarks                                     | -  |

**ESMX 2.7 SEASONAL AVAILABILITY – CLEARING**

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

**ESMX 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

- |    |                                     |  |
|----|-------------------------------------|--|
| 1. | Apron surface and strength          | Apron ASPH PCN 40 F/B/X/T  |
| 2. | Taxiway width, surface and strength | TWY A 18 m ASPH PCN 40 F/B/X/T<br>TWY B 23 m ASPH PCN 40 F/B/X/T<br>TWY C 15 m ASPH PCN 40 F/B/X/T |
| 3. | ACL, location and elevation         | Apron 585 ft   |
| 4. | VOR checkpoints                     | -  |
| 5. | INS checkpoints                     | -  |
| 6. | Remarks                             | 50% higher ACN accepted occasionally on TWY and Apron  |

**ESMX 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 01/19: Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.<br><br>TWY A: CL, HLDG day marked. Edge lights, RGL<br>B: CL, HLDG day marked. Edge lights, RGL<br>C: CL, HLDG day marked. Edge lights, RGL |
| 3. | Stop bars   | -   |
| 4. | Remarks   | -   |

**ESMX 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					

**ESMX 2.11 METEOROLOGICAL INFORMATION PROVIDED**

- |     |   |  |
|-----|---|--|
| 1.  | Associated MET Office   | STOCKHOLM/Arlanda  |
| 2.  | Hours of service<br>MET Office outside hours  | H24  |
| 3.  | Office responsible for TAF preparation<br>Periods of validity, interval of issuance | STOCKHOLM/Arlanda<br>9 HR, <a href="https://tafplanner.smhi.se/app.php/production-program">https://tafplanner.smhi.se/app.php/production-program</a> |
| 4.  | Type of landing forecast<br>Interval of issuance                                    | Not issued   |
| 5.  | Briefing/consultation provided  | FPC H24, +46 (0)8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a>  |
| 6.  | Flight documentation<br>Language(s) used  | TAF, METAR, SIGMET, Upper air winds<br>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   | VÄXJÖ/Kronoberg TWR  |
| 10. | Additional information (limitation of service, etc.)                                | Flight planning room available   |

## ESMX 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
01	013.05° GEO 008° MAG	2106 x 45	PCN 40 F/B/X/T ASPH	565511.72N 0144326.69E  GUND 108 ft	THR 610 ft
19	193.06° GEO 188° MAG	2106 x 45	PCN 40 F/B/X/T ASPH	565618.05N 0144354.82E  GUND 107.4 ft	THR 563.2 ft TDZ 571.7 ft

  

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
01 1.25%	-	500 x 150	2226 x 300	-	50% higher ACN accepted occasionally
19 1.25%	-	300 x 150	2226 x 300	-	50% higher ACN accepted occasionally

## ESMX 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2106	2606	2106	2106	-
19	2106	2406	2106	2106	-

## ESMX 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
01	SALS 420 m LIH	Green WBAR	PAPI Left/3.00° (45.3 ft)	-	-	2106/60 m White Caution zone 600 m yellow LIH	Red	-
19	Calvert CAT I 900 m LIH	Green WBAR	PAPI Left/2.86° (59.4 ft)	-	-	2106/60 m White Caution zone 600 m yellow LIH	Red	-

  

10 Remarks: -
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**ESMX 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

- |    |  |   |
|----|--|---|
| 1. | ABN/IBN location, characteristics and hours of operation | -   |
| 2. | LDI location and LGT<br>Anemometer location and LGT      | Lighted windsock N apron<br>At RWY ends       |
| 3. | TWY edge and centre line lighting                        | Edge: TWY A, B, C<br><br>CL: -                |
| 4. | Secondary power supply/switch-over time                  | Available/15 sec, during LVP less than 1 sec. |
| 5. | Remarks  | -   |

**ESMX 2.16 HELICOPTER LANDING AREA**

RWY 01/19 to be used

**ESMX 2.17 ATS AIRSPACE**

- |    |                                   |                                      |   |
|----|-----------------------------------|--------------------------------------|---|
| 1. | Designation and lateral limits    | KRONOBERG CTR                        | 570657N 0144312E - 570536N 0145345E -<br>565412N 0145253E - 564406N 0144359E -<br>564523N 0143325E - 565608N 0143441E -<br>570657N 0144312E |
| 2. | Vertical limits                   | KRONOBERG CTR                        | <u>2000 ft AMSL</u><br>GND  |
| 3. | Airspace classification           | C                                    |   |
| 4. | ATS unit call sign<br>Language(s) | KRONOBERG TOWER                      | Swedish/English   |
| 5. | Transition altitude               | 5000 ft AMSL                         |   |
| 6. | Remarks                           | CTR established during hours of TWR. |   |

**ESMX 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	KRONOBERG TOWER	118.155	HO	-
		121.500	HO	-

## ESMX 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 01 (5° E 2015)	SMX	109.10 MHz	HO	565627.0N 0144358.6E		285 m beyond THR 19
NDB 01	VX	329 kHz	H24	565126.1N 0144151.4E		Range 30 NM
LOC 19 ILS CAT I (5° E 2015)	MX	109.70 MHz	HO	565459.3N 0144321.4E		394 m beyond THR 01
GP		333.20 MHz	HO	565607.1N 0144357.7E		Angle 2.86° RDH 56.1 ft 318 m past THR 19 left side
MM				565649.9N 0144407.3E		-
NDB 19	JX	349 kHz	H24	565946.0N 0144526.4E		Range 30 NM
DME	MX	109.70 MHz	H24	565607.0N 0144357.7E	584 ft	DME channel 34X

## ESMX 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Klarering lämnas på begäran, före begäran om start-up. Uppgift om transponderkod lämnas under uttaxning.
2. För jetflygplan samt för övriga flygplan med MTOM överstigande 5700 kg får vänstersväng inte påbörjas före 4.5 DME efter start RWY 19.
3. Normalt tillämpas högervarv när RWY 19 är i användning.

## LOCAL TRAFFIC REGULATIONS

1. ATC clearance will be delivered on request prior to start-up. Transponder code will be communicated during taxi.
2. For jet aircraft and other aircraft with MTOM exceeding 5700 kg left hand turn must not be initiated until 4.5 DME has been reached after departure RWY 19.
3. Normal procedure is right hand traffic circuit when RWY 19 is in use

## ESMX 2.21 MINSKNING AV BULLERSTÖRNING

1. Vid start RWY 19 gäller högervarv. Dock kan, när trafik så påkallar, vänstersväng tillåtas enligt mom 2.20 ovan
2. APU får inte användas vid parkering vid andra tillfällen än då så krävs för motorstart eller för reglering av kabintemperatur. Därvid får APU startas tidigast 15 min före beräknad tid för taxning.  
Om APU måste användas tidigare får detta endast ske efter överenskommelse med flygplatsen.

## NOISE ABATEMENT PROCEDURES

1. On take-off RWY 19 right hand turn applies. When the traffic situation so requires, left hand turn shall be carried out in accordance with para 2.20 above.
2. APU must not be used on parking unless required for engine start or adjustment of cabin heat. On these occasions the APU may be started not earlier than 15 min before estimated time for taxiing.  
If APUs are to be used earlier, there shall be agreement between the airline and the airport.

**ESMX 2.22 FLYGPROCEDURER**

## 1. Startprocedurer, omnidirectional

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
01	Climb straight ahead to MNM turning ALT 1100 ft. Continue climb to appropriate MSA.	Terrain	738	024°/7150
		Pylon	1404	122°/11200
19	Climb straight ahead to MNM turning ALT 1100 ft. Continue climb to appropriate MSA.	Pylon	1404	131°/12050

## 2. Lågsiktsprocedurer (LVP)

Lågsiktsprocedurer (LVP) etablerade. LPV träder i kraft senast när RVR underskrider 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft. Meddelande om att LVP tillämpas lämnas av ATS.

När LVP tillämpas tillåts endast fordon alternativt ett luftfartyg på manöverområdet.

När LVP tillämpas skall ACFT meddela att det har ankommit till uppställningsplats.

**FLIGHT PROCEDURES**

## 1. Omnidirectional departure procedures

## 2. Low visibility procedures (LVP)

Low visibility procedures (LVP) established. LVP will be in force at latest when RVR falls below 550 m or when ceiling or vertical visibility is below 200 ft. The application of LVP will be announced by ATS.

When LVP is applied vehicles or only one aircraft is allowed in the manoeuvring area.

When LVP is applied ACFT shall report arrival at stand.

**ESMX 2.23 ÖVRIG INFORMATION**

Nedsvep kan förekomma på final RWY 19 vid vindriktning mellan 120°-170° och 220°-270° och vindhastigheter på 8 kt eller mer.

Reducerad separation tillämpas för en-motor propeller luftfartyg med MTOM 2000 kg eller lägre (Kategori 1) enligt AIP AD 1.1.

**ADDITIONAL INFORMATION**

Downdraught may occur on final RWY 19 at wind directions between 120°-170° and 220°-270° and wind speeds exceeding 8 kt.

Reduced separation applies to single-engine propeller aircraft with MTOM 2000 kg or less (Category 1) in accordance with AIP AD 1.1.

**ESMX 2.24 TILLHÖRANDE KARTOR**

AD chart	
AOC	RWY 01/19
Area chart	(TMA)
List of waypoints and significant points	
ATC Surveillance	
Minimum ALT Chart	
IAC	ILS or LOC RWY 19
IAC	NDB RWY 19
IAC	LOC RWY 01
IAC	NDB RWY 01
IAC	RNP RWY 01
IAC	RNP RWY 19
VAC	

**RELATED CHARTS**

ESMX 2-1
ESMX-3-1
ESMX 4-1
ESMX 4-3
ESMX 4-91
ESMX 5-1
ESMX 5-2
ESMX 5-3
ESMX 5-4
ESMX 5-5
ESMX 5-9
ESMX 6-1