AD2 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**	6° E (2020)/+0.2 increasing
6.	**Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website**	Växjö Småland Airport AB SE-355 93 Växjö TEL: +46 470 75 85 00 AFS: ESMXZTZX Website: www.smalandairport.se
7.	**Types of traffic permitted (IFR/VFR)**	IFR/VFR. Max RWY ref code 4E
8.	**Remarks**	PPR for all school and training flights. PPR for all traffic outside TWR HR of OPS. Request shall be made during HR of AD operator TEL: +46 470 75 85 30.

ESMX 2.3 OPERATIONAL HOURS

1.	**AD operator**	0700-1530 (0600-1430)
	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**	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 and oil types**	Fuel: 91UL, Jet A1 Oil: -
3.	**Fuelling facilities and capacity**	91UL: 10,000 l. Stationary Jet A1: 2 x 20,000 l. Trucks
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**	Bank: In Växjö Post: 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 for SKED traffic, RFFS level corresponds to the current ACFT specifications. Other traffic O/R. CAT 7 O/R.
2.	**Rescue equipment**	By arrangement, municipal rescue service
3.	**Capability for removal of disabled aircraft**	By arrangement, contact dutyofficer TEL +46 470 75 85 01.
4.	**Remarks**	-

ESMX 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

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

ESMX 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1.	**Apron surface and strength**	Apron ASPH PCN 40/F/B/X/T. 50% higher ACN accepted occasionally
2.	**Taxiway width, surface and strength**	TWY A 18 m ASPH PCN 40/F/B/X/T TWY B 23 m ASPH PCN 40/F/B/X/T 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**	TWY A 50% higher ACN accepted occationally TWY B 50% higher ACN accepted occationally TWY C 50% higher ACN accepted occationally

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. TWY: 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**
a	**b**	**c**	**d**	**e**
ESMX1	POLE	565617.5N 0144359.1E	564 ft / -	-
ESMX2	VEGETATION	565641.6N 0144359.8E	619 ft / -	-
ESMX3	VEGETATION	565644.6N 0144359.5E	629 ft / -	-
ESMX4	VEGETATION	565503.8N 0144326.8E	629 ft / -	-
ESMX5	VEGETATION	565504.1N 0144319.1E	629 ft / -	-
ESMX6	VEGETATION	565503.0N 0144319.5E	630 ft / -	-
ESMX7	VEGETATION	565502.2N 0144325.3E	631 ft / -	-
ESMX8	NAVAID	565502.4N 0144322.7E	626 ft / -	-
ESMX9	VEGETATION	565459.6N 0144325.4E	630 ft / -	-
ESMX10	VEGETATION	565459.0N 0144324.8E	633 ft / -	-
ESMX11	VEGETATION	565454.3N 0144318.3E	646 ft / -	-
ESMX12	VEGETATION	565454.1N 0144313.9E	651 ft / -	-
ESMX13	VEGETATION	565453.6N 0144313.2E	653 ft / -	-
ESMX14	VEGETATION	565452.7N 0144314.9E	657 ft / -	-
ESMX15	VEGETATION	565447.8N 0144307.6E	674 ft / -	-
ESMX16	VEGETATION	565445.8N 0144310.4E	681 ft / -	-
ESMX17	VEGETATION	565433.5N 0144303.2E	697 ft / -	-
ESMX18	VEGETATION	565432.7N 0144302.0E	703 ft / -	-
ESMX19	VEGETATION	565432.7N 0144301.5E	706 ft / -	-
f Remarks:	-			

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

ESMX 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, interval of issuance**	STOCKHOLM/ARLANDA 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
6.	**Flight documentation** **Language(s) used**	TAF, 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**	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	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°	2106 x 45	PCN 40/F/B/X/T ASPH	565511.72N 0144326.69E GUND 108 ft	THR 610 ft
19	193.06°	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

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
01	1.25%	-	500 x 150	2226 x 300	90 x 90
19	1.25%	-	300 x 150	2226 x 300	90 x 90

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
01	-	-	50% higher ACN accepted occasionally
19	-	-	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 side/3.00° 45 ft	-	-	2106/60 m White Caution zone 600 m yellow LIH	Red	-
19	CALVERT CAT I 900 M LIH	Green WBAR	PAPI Left side/2.86° 59 ft	-	-	2106/60 m White Caution zone 600 m yellow LIH	Red	-
10 Remarks:	-							

ESMX 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	**ABN/IBN location, characteristics and hours of operation**	-
2.	**LDI location and LGT**	Lighted windsock N apron
	Anemometer location and LGT	At RWY ends
3.	**TWY edge and centre line lighting**	Edge: A, B, C CL: - LED lights on TWY A and TWY B edge lights.
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 - 565412N 0145253E - 564406N 0144359E - 564523N 0143325E - 565608N 0143441E to point of origin.
2.	**Vertical limits**	KRONOBERG CTR	2000 ft AMSL GND
3.	**Airspace classification**	C	
4.	**ATS unit call sign** **Language(s)**	KRONOBERG TOWER Swedish/English	
5.	**Transition altitude**	5000 ft AMSL	
6.	**Hours of applicability**	CTR established during hours of TWR.	
7.	**Remarks**	-	

ESMX 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	KRONOBERG TOWER	118.155	HO	PRIMARY
		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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 01 (6° E 2020)	SMX	109.10 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565627.0N 0144358.6E	-	-	285 m beyond THR 19
LOC 19 ILS CAT I (6° E 2020)	MX	109.70 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565459.3N 0144321.4E	-	-	394 m beyond THR 01
GP 19	-	333.20 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565607.1N 0144357.7E	-	-	Angle 2.86° RDH 56.1 ft 318 m past THR 19 left side
MM 19	-	-	-	565649.9N 0144407.3E	-	-	
NDB 01	VX	329 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565126.1N 0144151.4E	-	-	Range 30 NM
NDB 19	JX	349 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565946.0N 0144526.4E	-	-	Range 30 NM
DME	MX	109.70 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	565607.0N 0144357.7E	584 ft	-	DME Channel 34X

ESMX 2.20 LOKALA FLYGPLATSFÖRESKRIFTER

1. Klarering lämnas på begäran, före begäran om startup. 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.

4. Utanför ATS öppethållning är blindsändning obligatoriskt inom det geografiska området för upprättad ESMX CTR. Avsikt att starta eller landa ska tydligt aviseras på kanal 118.155. Är banan inte tillgänglig i sin fulla längd och bredd ska inte start eller landning genomföras.

ESMX 2.20 LOCAL AERODROME 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

4. Outside ATS operational hours, blind transmission is mandatory within the geographical area of the established ESMX CTR. The intention to take-off or land must be clearly announced on channel 118.155. If the runway is not available in its full length and width, take-off or landing should not be performed.

5. Fordonstrafik utan dubbelriktad flygradioförbindelse kan förekomma på manöverområdet utanför ATS öppethållning.

5. Vehicle traffic without two-way radio communication may occur in the manoeuvering area outside ATS operational hours.

ESMX 2.21 BULLERREDUCERANDE FÖRFARANDEN

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.

ESMX 2.21 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

ESMX 2.22 FLIGHT PROCEDURES

1 Omnidirectional departure procedures

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.	CIO exist		
19	Climb straight ahead to MNM turning ALT 1100 ft. Continue climb to appropriate MSA.	CIO exist		

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.

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 vechicles or only one aircraft is allowed in the manoeuvering area.

When LVP is applied ACFT shall report arrival at stand.

ESMX 2.23 TILLÄGGSINFORMATION

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

Instrumentinflygningsprocedurerna får inte användas för att landa utanför ATS öppethållning.

ESMX 2.23 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.

Prohibited to use instrument approach procedures for landing outside ATS operational hours.

ESMX 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESMX 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

Charts	*Pages*
Aerodrome Chart - ICAO	AD 2 ESMX 2 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESMX VÄXJÖ-KRONOBERG 4

ESMX 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

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ESMX 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

-