

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 | 6° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Växjö Småland Airport AB SE-355 93 Växjö TEL: +46 (0)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 AD HR of Administration TEL: +46 (0)470 75 85 30. |

ESMX 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration AD Operating hours | 0700-1530 (0600-1430) 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 Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 2 x 20,000 l. Trucks 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, Contact dutyofficer TEL +46 (0)470 75 85 01. |
| 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 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 | 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. TWY A: CL, HLDG day marked. Edge lights, RGL B: CL, HLDG day marked. Edge lights, RGL 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 in feet | Markings/ Type, colour | Remarks |
| a | b | c | d | e | f |
| ESMX1 | Pole | 565617.5N 0144359.1E | 564 / - | - | - |
| ESMX2 | Vegetation | 565641.6N 0144359.8E | 619 / - | - | - |
| ESMX3 | Vegetation | 565644.6N 0144359.5E | 629 / - | - | - |
| ESMX4 | Vegetation | 565503.8N 0144326.8E | 629 / - | - | - |
| ESMX5 | Vegetation | 565504.1N 0144319.1E | 629 / - | - | - |
| ESMX6 | Vegetation | 565503.0N 0144319.5E | 630 / - | - | - |
| ESMX7 | Vegetation | 565502.2N 0144325.3E | 631 / - | - | - |
| ESMX8 | Navaid | 565502.4N 0144322.7E | 626 / - | - | - |
| ESMX9 | Vegetation | 565459.6N 0144325.4E | 630 / - | - | - |
| ESMX10 | Vegetation | 565459.0N 0144324.8E | 633 / - | - | - |
| ESMX11 | Vegetation | 565454.3N 0144318.3E | 646 / - | - | - |
| ESMX12 | Vegetation | 565454.1N 0144313.9E | 651 / - | - | - |
| ESMX13 | Vegetation | 565453.6N 0144313.2E | 653 / - | - | - |
| ESMX14 | Vegetation | 565452.7N 0144314.9E | 657 / - | - | - |
| ESMX15 | Vegetation | 565447.8N 0144307.6E | 674 / - | - | - |
| ESMX16 | Vegetation | 565445.8N 0144310.4E | 681 / - | - | - |
| ESMX17 | Vegetation | 565433.5N 0144303.2E | 697 / - | - | - |
| ESMX18 | Vegetation | 565432.7N 0144302.0E | 703 / - | - | - |
| ESMX19 | Vegetation | 565432.7N 0144301.5E | 706 / - | - | - |
| 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 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. | 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 | 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 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 007° 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 187° 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: - | | | | | | | | |

ESMX 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

ESMX 2.16 HELICOPTER LANDING AREA

RWY 01/19 to be used

ESMX 2.17 ATS AIRSPACE

- Designation and lateral limits KRONOBERG CTR 570657N 0144312E - 570536N 0145345E -
565412N 0145253E - 564406N 0144359E -
564523N 0143325E - 565608N 0143441E -
570657N 0144312E
- Vertical limits KRONOBERG CTR 2000 ft AMSL
GND
- Airspace classification C
- ATS unit call sign KRONOBERG TOWER
Language(s) Swedish/English
- Transition altitude 5000 ft AMSL
- 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 (6° E 2020) | SMX | 109.10 MHz | H24 * | 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 (6° E 2020) | MX | 109.70 MHz | H24 * | 565459.3N 0144321.4E | | 394 m beyond THR 01 |
| GP | | 333.20 MHz | H24 * | 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 |

* Monitoring of signal in space limited to ATS HR of OPS

ESMX 2.20 LOKALA TRAFIKFÖRESKRIFTER

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

LOCAL TRAFFIC REGULATIONS

- ATC clearance will be delivered on request prior to start-up. Transponder code will be communicated during taxi.
- 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.
- Normal procedure is right hand traffic circuit when RWY 19 is in use

ESMX 2.21 MINSKNING AV BULLERSTÖRNING

- Vid start RWY 19 gäller högervarv. Dock kan, när trafik så påkallar, vänstersväng tillåtas enligt mom 2.20 ovan
- 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

- 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.
- 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**FLIGHT PROCEDURES**

1. Startprocedurer, omnidirectional

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)

2. Low visibility procedures (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.

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.

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

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

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

When LVP is applied ACFT shall report arrival at stand.

ESMX 2.23 ÖVRIG INFORMATION**ADDITIONAL INFORMATION**

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

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

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

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**RELATED CHARTS**

| | | |
|--|-------------------|-----------|
| AD chart | | ESMX 2-1 |
| AOC | RWY 01/19 | ESMX-3-1 |
| Area chart | (TMA) | ESMX 4-1 |
| List of waypoints and significant points | | ESMX 4-3 |
| ATC Surveillance Minimum ALT Chart | | ESMX 4-91 |
| IAC | ILS or LOC RWY 19 | ESMX 5-1 |
| IAC | NDB RWY 19 | ESMX 5-2 |
| IAC | LOC RWY 01 | ESMX 5-3 |
| IAC | NDB RWY 01 | ESMX 5-4 |
| IAC | RNP RWY 01 | ESMX 5-5 |
| IAC | RNP RWY 19 | ESMX 5-9 |
| VAC | | ESMX 6-1 |