

AD 2 AERODROMES**ESOW 2.1 AERODROME LOCATION INDICATOR AND NAME****ESOW - STOCKHOLM/VÄSTERÅS****ESOW 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1. ARP coordinates and site at AD	593522N 0163801E RWY centre point
2. Direction and distance from (city)	E 3.0 NM from Västerås
3. Elevation/Reference temperature	21 ft/+18.7°C
4. Geoid undulation at AD ELEV PSN	84 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	Nya Västerås Flygplats AB SE-721 31 Västerås TEL: +46 21 80 56 00 FAX: +46 21 80 11 20 E-mail: operations@vasterasairport.se AFS: ESOWZTZX Website: www.vst.nu
7. Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8. Remarks	PPR. See para 2.20.

ESOW 2.3 OPERATIONAL HOURS

1. AD operator	MON-FRI 0700-1600 (0600-1500)
AD Operating hours	H24
2. Customs and immigration	O/R
3. Health and sanitation	O/R
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	Fuel truck Jet A1: Available 30 min after ATS opening until 30 min before ATS closing. Self Service: Jet A1, 100LL and UL91, see para 2.4.7.
9. Handling	O/R
10. Security	O/R
11. De-Icing	O/R
12. Remarks	Increased charges outside TWR HR of OPS

ESOW 2.4 HANDLING SERVICES AND FACILITIES

1. Cargo-handling facilities	Available, all types
2. Fuel and oil types	Fuel: 100LL, Jet A1, UL91 Oil: -
3. Fuelling facilities and capacity	100LL: 1 stationary x 20,000 l. Jet A1: 2 trucks x 20,000 l. Fuel tank 100,000 l for fuel trucks on APN 1. Stationary 10,000 l on APN 4. UL91: Stationary 20,000 l.
4. De-icing facilities	Available, Type I and II

- | | |
|--|---|
| 5. Hangar space for visiting ACFT | O/R operations@vasterasairport.se |
| 6. Repair facilities for visiting ACFT | O/R operations@vasterasairport.se |
| 7. Remarks | <p>Jet A1 AirBP: self service APN 4 (AirBP carnet)
 100LL AirBP: self service APN 4 (AirBP carnet)
 UL91 AirBP: self service APN 4 (AirBP carnet)
 For inquiry about self service payment options other than listed above,
 contact TEL +46 21 41 06 30 MON-FRI 0800-1600 (0700-1500) prior to
 flight.</p> |

ESOW 2.5 PASSENGER FACILITIES

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

ESOW 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | |
|--|--|
| 1. AD category for fire fighting | CAT 7 for SKED TFC. CAT 5 for TFC up to 10 000 kg MTOM during TWR HR of OPS. Others O/R TEL +46 21 80 56 01 or email operations@vasterasairport.se |
| 2. Rescue equipment | - |
| 3. Capability for removal of disabled aircraft | TEL +46 70 465 80 31 |
| 4. Remarks | - |

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

- | | |
|--|---|
| 1. Types of clearing equipment | Blowers/sweepers |
| 2. Clearance priorities | RWY, TWY, Apron |
| 3. Use of material for movement area surface treatment | RWY 01/19 de-iced/anti-iced with NAFO/KFOR and/or SAND. |
| 4. Specially prepared winter runways | - |
| 5. Remarks | - |

ESOW 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

- | | |
|--|---|
| 1. Apron surface and strength | <p>Apron 1 ASPH PCN 55/F/C/X/T
 Apron 2 ASPH PCN 30/F/C/X/T
 Apron 3 ASPH PCN 30/F/C/X/T
 Apron 4 ASPH PCN 30/F/C/X/T
 Apron 5 ASPH PCN 30/F/C/X/T
 Apron 6 ASPH PCN 30/F/C/X/T</p> |
| 2. Taxiway width, surface and strength | <p>TWY A 11 m ASPH PCN 30/F/C/X/T
 TWY B 11 m ASPH PCN 30/F/C/X/T
 TWY C 12 m ASPH PCN 30/F/C/X/T
 TWY D 11 m ASPH PCN 30/F/C/X/T
 TWY E 11 m ASPH PCN 30/F/C/X/T
 TWY F 25 m ASPH PCN 55/F/C/X/T
 TWY G 12 m ASPH PCN 30/F/C/X/T</p> |

3. ACL, location and elevation	Apron 1, Stand 3 37 ft
4. VOR checkpoints	-
5. INS checkpoints	-
6. Remarks	-

ESOW 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, edges day marked. RTHL, REDL, RENL TWY A: CL, ITHP day marked, Edge LGT TWY B: CL, HLDG day marked, Edge LGT, RGL TWY C: CL, HLDG day marked, Edge LGT, RGL TWY D: CL day marked, blue reflective edge markers TWY E: CL, HLDG day marked, blue reflective edge markers, RGL TWY F: CL, HLDG day marked, Edge LGT, RGL TWY G: CL day marked, Edge LGT
3. Stop bars	-
4. Remarks	-

ESOW 2.10 AERODROME OBSTACLES

In Area 2				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
ESOW1	VEGETATION	593617.9N 0163815.9E	59 ft / -	-
ESOW2	VEGETATION	593618.0N 0163815.6E	61 ft / -	-
ESOW3	VEGETATION	593701.3N 0163822.7E	142 ft / -	-
ESOW4	VEGETATION	593735.1N 0163833.3E	198 ft / -	-
ESOW5	VEGETATION	593736.3N 0163835.5E	212 ft / -	-
ESOW6	VEGETATION	593737.0N 0163836.9E	214 ft / -	-
ESOW7	VEGETATION	593433.8N 0163734.4E	27 ft / -	-
ESOW8	VEGETATION	593432.3N 0163749.1E	27 ft / -	-
ESOW9	VEGETATION	593411.2N 0163718.3E	84 ft / -	-
ESOW10	VEGETATION	593410.6N 0163722.6E	88 ft / -	-
ESOW11	VEGETATION	593355.6N 0163720.1E	109 ft / -	-
ESOW12	VEGETATION	593355.0N 0163719.0E	113 ft / -	-
ESOW13	VEGETATION	593348.6N 0163723.8E	121 ft / -	-
ESOW14	VEGETATION	593340.5N 0163722.6E	141 ft / -	-
ESOW15	VEGETATION	593331.7N 0163737.0E	152 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				

ESOW 2.11 METEOROLOGICAL INFORMATION PROVIDED

1. Associated MET Office	STOCKHOLM/ARLANDA
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- | | |
|--|--|
| 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 | STOCKHOLM/VÄSTERÅS TWR |
| 10. Additional information (limitation of service, etc.) | Flight planning room |

ESOW 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	011.64°	2581 x 45	PCN 55/F/B/X/T ASPH	593442.54N 0163745.30E GUND 84 ft	THR 6 ft
19	191.65°	2581 x 45	PCN 55/F/B/X/T ASPH	593604.23N 0163818.51E GUND 83.7 ft	THR 21.7 ft TDZ: 21.7 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	-	-	-	2701 x 300	90 x 90
19	-	-	-	2701 x 300	90 x 90
Designations RWY NR	Location/ description of arresting system		OFZ (Yes/No)	Remarks	
1	12		13	14	
01	-		-	-	
19	-		-	-	

ESOW 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks	
1	2	3	4	5	6	
01	2581	2581	2581	2581	-	
19	2581	2581	2581	2581	-	
RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	-	Remarks
1		2	3	4	5	6
01	TWY B	2013	2013	2013	-	-

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	-	Remarks
1		2	3	4	5	6
01	TWY C	1154	1154	1154	-	-
19	TWY C	1438	1438	1438	-	-
19	TWY E	1995	1995	1995	-	-

ESOW 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 330 M LIH	Green	PAPI Left side/3.25° 59 ft	-	-	2581/60 m White Caution zone 600 m yellow LIH	Red	-
19	CAT I 900 M LIH	Green	PAPI Left side/3.00° 50 ft	-	-	2581/60 m White Caution zone 600 m yellow LIH	Red	-
10 Remarks: RWY 01: Barrette CL PCL LIL RWY and TWY on channel 130.605 7 sec carrier wave RWY 19: Barrette CL PCL LIL RWY and TWY on channel 130.605 7 sec carrier wave								

ESOW 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- | | |
|---|---|
| 1. ABN/IBN location, characteristics and hours of operation | ABN at TWR FLG W/G 24/min, H24 |
| 2. LDI location and LGT
Anemometer location and LGT | Lighted windsock E TWY C. Windsocks at RWY ends and E Apron 3
366 m NE THR 01, lighted
403 m SW THR 19, lighted |
| 3. TWY edge and centre line lighting | Edge: A, B, C, F, G
CL: - |
| 4. Secondary power supply/switch-over time | Available/No interruption |
| 5. Remarks | - |

ESOW 2.16 HELICOPTER LANDING AREA

RWY 01/19 or grass strip 01/19 to be used

ESOW 2.17 ATS AIRSPACE

- | | | |
|-----------------------------------|--------------|--|
| 1. Designation and lateral limits | VÄSTERÅS CTR | 594704N 0163615E - 594556N 0164805E -
593406N 0164749E - 592348N 0163944E -
592454N 0162810E - 593633N 0162752E to point
of origin. |
|-----------------------------------|--------------|--|

2. Vertical limits	VÄSTERÅS CTR	1500 ft AMSL
		GND
3. Airspace classification	C	
4. ATS unit call sign	VÄSTERÅS TOWER	
Language(s)	Swedish/English	
5. Transition altitude	5000 ft AMSL	
6. Hours of applicability	CTR established during hours of TWR.	
7. Remarks	Johannisberg ATZ with airspace class G penetrates CTR. The lower limit of Västerås CTR in this part is 1000 ft AMSL. For details see ENR 2.2 and AD 2 ESOV VAC.	

ESOV 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	VÄSTERÅS TOWER	130.605	HO	PRIMARY VDF
		121.500	HO	-
APP	VÄSTERÅS APPROACH	125.955	HO	VDF
		121.500	HO	-
ATIS	VÄSTERÅS ATIS	127.555	HO	-

ESOV 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 19 ILS CAT I (6° E 2020)	SCD	108.30 MHz	H24	593433.2N 0163741.5E	-	-	294 m beyond THR 01 ILS Class I/E/2
GP 19	-	334.10 MHz	H24	593555.0N 0163807.0E	-	-	Angle 3.00° RDH 49.9 ft 315 m past THR 19 right side
L 01	RD	419 kHz	H24	593103.2N 0163616.3E	-	-	Range 15 NM
L 19	LE	333 kHz	H24	593946.9N 0163948.7E	-	-	Range 15 NM
DVOR/DME (8° E 2025)	ARS	112.80 MHz	H24	593510.4N 0163901.2E	40 ft	-	1012 m ESE ARP DME Channel 75X
DME	SCD	108.30 MHz	H24	593554.8N 0163807.2E	32 ft	-	DME Channel 20X

ESOV 2.20 LOKALA FLYGPLATSFÖRESKRIFTER**ESOV 2.20 LOCAL AERODROME REGULATIONS****1 Tillgänglighet**

PPR för all trafik i ESOV CTR samt TMA Sektor Västerås under ATS öppethållningstid. TEL 021 80 00 20. SKED TFC, SAR, HOSP, MIL och polisflygningar är undantagna.

1 Availability

PPR for all TFC in ESOV CTR and in TMA Sector Västerås during ATS HR of OPS. TEL +46 21 80 00 20. SKED TFC, SAR, HOSP, MIL and Police flights exempted.

Alla starter och landningar utanför ATS öppethållning kräver förhandstillstånd (PPR). SAR, HOSP och polisflygningar är undantagna. PPR-bokning för icke-kommersiell trafik utanför ATS öppethållning sker via hemsidan www.vst.nu "Boka PPR".

För mer information och PPR för kommersiell trafik kontakta e-mail: flightrequest@vasterasairport.se

2 Föreskrifter för skol- och övningsflygning

Upprepade studs-och-gå (TGL) tillåts endast:

15 MAY–14 JUN MON–FRI 0600–1900 (0500–1800), SAT 0900–1300 (0800–1200).

15 JUN–15 AUG MON–FRI 0800–1700 (0700–1600).

16 AUG–14 MAY MON–FRI 0600–1900 (0500–1800), SAT 0800–1600 (0700–1500).

TGL får inte utföras under långfredagen, påskafton, påskdagen, Kristi Himmelsfärdsdag, pingstafton, pingstdagen, nationaldagen, midsommarafton, midsommardagen, Alla Helgons dag, julafton och juldagen.

3 Trafikföreskrifter

Utanför ATS öppethållningstider:

VFR in- och utpasseringspunkter bör användas.

Ankommande VFR-trafik bör passera plats på 1500 ft AMSL innan angöring av trafikvarv.

Reducering av höjd sker därefter enligt eget avgörande.

Trafikvarv till RWY skall förläggas E RWY.

Gräsbana stängd, får endast användas av lokal operatör efter särskild överenskommelse.

Under ATS öppethållning:

Rätt VFR in- och utpasseringspunkt bör nyttjas i förhållande till bana i användning.

Bana 01 inpasseringspunkter är Vikhus och Golfbanan.

Bana 01 utpasseringspunkter är Romfartuna och Björksta.

Bana 19 inpasseringspunkter är Romfartuna och Björksta.

Bana 19 utpasseringspunkter är Vikhus och Golfbanan.

ATC-klarering kan avvika.

4 Parkering allmänflyg

Parkering för allmänflyg på platta 4 om inget annat anges av ATS. In- och utpassering till airside sker genom grind vid Hässlö Flygförening. För information om tillträde, kontakta Hässlö Flygförening, se hemsida www.hasslo.org

ESOW 2.21 BULLERREDUCERANDE FÖRFARANDE

1. Flygning över Västerås centrala delar, Irsta och Björnön bör undvikas under 2000 ft AMSL utom i direkt samband med in- eller utflygning.

Överflygning av Vattenreningsverket söder om TWR ska undvikas, se Flygplatskarta AD 2 ESOW 2-1.

Flermotoriga flygplan med MTOM \geq 5700 kg och som avser svänga vänster efter start från bana 01 ska fortsätta att stiga på kurs 010° till passage av 3000 ft AMSL innan vänstersväng påbörjas.

ESOW 2.22 FLYGPROCEDURER

1 Startprocedurer, omnidirectional

For all takeoffs and landings outside ATS operating hours, Prior Permission Required (PPR). SAR, HOSP, MIL and Police flights are exempted. PPR booking for non-commercial traffic outside ATS opening hours is through webpage www.vst.nu "Book PPR".

For more information and PPR for commercial traffic contact e-mail: flightrequest@vasterasairport.se

2 Provisions to school and training flights

Repeated touch-and-go landings (TGL) only permitted:

15 MAY–14 JUN MON–FRI 0600–1900 (0500–1800), SAT 0900–1300 (0800–1200).

15 JUN–15 AUG MON–FRI 0800–1700 (0700–1600).

16 AUG–14 MAY MON–FRI 0600–1900 (0500–1800), SAT 0800–1600 (0700–1500).

TGL not permitted Good Friday, Easter Eve, Easter Day, Ascension Day, Whitsun Eve, Whitsun Day, National Day, Midsummer Eve, Midsummer Day, All Saints Day, Christmas Eve and Christmas Day.

3 Traffic regulations

Outside ATS HR of OPS:

VFR entry and exit points should be used.

Arriving VFR traffic should pass overhead at 1500 ft AMSL before joining traffic circuit and descending at own discretion.

Traffic circuit to RWY shall be flown E RWY.

Grass RWY closed, may only be used by local operator after special agreement.

During ATS HR of OPS:

VFR entry and exit point should be used in accordance with current RWY in use.

RWY 01 entry points are Vikhus and Golfbanan.

RWY 01 exit points are Romfartuna and Björksta.

RWY 19 entry points are Romfartuna and Björksta.

RWY 19 exit points are Vikhus and Golfbanan.

Deviations may occur according to ATC clearance.

4 Parking General Aviation

General Aviation parking at apron 4 unless otherwise instructed by ATS. Entry and exit to airside through gate at Hässlö Flygförening. For information about access, contact Hässlö Flygförening, se webpage www.hasslo.org

ESOW 2.21 NOISE ABATEMENT PROCEDURES

1. Flights should be avoided over central part of Västerås City, Irsta and Björnön below 2000 ft AMSL, except in direct connection with approach or departure.

Overflying of the Water Treatment Plant located south of TWR must be avoided, see Aerodrome Chart AD 2 ESOW 2-1.

Multi engine airplanes with MTOM \geq 5700 kg with intension to make a left turn after departure must continue to climb on heading 010° until reaching 3000 ft AMSL before commencing left turn.

ESOW 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 with MNM 380 ft/NM (6.2%) to MNM turning ALT 500 ft. Continue climb to appropriate MSA.	Pylon	151	018°/3200
		Pylon	1191	299°/14650
19	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	(CIO) Terrain	181	198°/3260
		Pylon	1191	291°/14100

2 VFR-flygning inom CTR

Vid upprepade start- och landningsövningar med luftfartyg i turbulenskategori L ska trafikvarvet ske på lägst 1000 ft (300 m) AMSL.

Vid upprepade start- och landningsövningar med luftfartyg i turbulenskategori M och H ska trafikvarvet ske på lägst 2 000 ft (600 m) AMSL.

Upprepade start- och landningsövningar för luftfartyg i turbulenskategori L (med undantag för övning med helikopter) ska genomföras i det östra trafikvarvet, om inte ATS anger annat.

ESOW 2.23 TILLÄGGSINFORMATION

1 Förhandstillstånd (PPR)/Förhandsmeddelande (PN) krävs för nedanstående flygverksamhet inom Stockholm TMA.

- Skol- och övningsflygning som omfattar "airwork", flygning i väntläge och/eller upprepande instrumentflygningar (PN).
- Fotoflygning (PPR).
- Geologisk mätflygning och liknande (PN).
- Fällning av fallskärmshoppare (PN).
- Förplanerad kontrollflygning (mätflygning) av navigerings- och inflygningshjälpmedel (PN).

Innan färdplan lämnas in, skall förhandstillstånd (PPR) inhämtas eller förhandsmeddelande (PN) lämnas till skiftledaren vid Stockholm ACC TEL 08 585 547 02.

Undantag: Om flygningen kommer att beröra sektor Västerås, se punkt 2.20.

2 Reducerad banseparation

Reducerad banseparation tillämpas på flygplatsen enligt AD 1.1 mom 10.

3 Modellflygsektor Arosängen

Aktivitet med obemannade luftfartyg kan förekomma. Position 594028N 0163416E med 400 m radie och max 120 m över marken.

4 Undantag från krav i CS-ADR-DSN:

Fasta hinder genomtränger följande hinderbegränsande ytor enligt förteckning:

- Inflygningsytan bana 01

2 VFR flight within CTR

When repeated take-off and landing exercises are performed with aircraft in wake turbulence category L, traffic pattern shall be flown at minimum 1000 ft (300 m) AMSL.

When repeated take-off and landing exercises are performed with aircraft in wake turbulence category M and H, traffic pattern shall be flown at minimum 2000 ft (600 m) AMSL.

Repeated take-off and landing exercises with aircraft in wake turbulence category L (with the exception of exercises with helicopters) should be carried out in the eastern traffic circuit, unless otherwise instructed by ATC.

ESOW 2.23 ADDITIONAL INFORMATION

1 Prior Permission (PPR)/Prior notice (PN) required for operations mentioned below within Stockholm TMA.

- School and training flights comprising "airwork", holding/or repeated instrument approaches (PN).
- Aerial photographing (PPR).
- Geological survey flights and the like (PN).
- Parachute dropping (PN).
- Non-urgent nav aids and approach aids calibration flights (PN).

Before submitting the flight plan, the operator shall get prior permission or give prior notice of the flight to the Watch Supervisor at Stockholm ACC, TEL +46 8 585 547 02.

Exception: If the flight will be conducted within sector Västerås, see para 2.20.

2 Reduced RWY separation

Reduced RWY separation applies at the aerodrome according to AD 1.1 para 10.

3 Model flying sector Arosängen

Unmanned aircraft activity may occur. Position 594028N 0163416E with 400 m radius and max 120 m above ground.

4 Exemptions from requirements in CS-ADR-DSN:

Fixed obstacles penetrate the following obstacle limitation surfaces according to list:

- Approach surface RWY 01

- | | |
|---|---|
| <ul style="list-style-type: none"> • Inflygningsytan bana 19 • Horisontella ytan • Start- och Stigytan bana 19 • Övergångsytan bana 01 • Övergångsytan bana 19 | <ul style="list-style-type: none"> • Approach surface RWY 19 • Horizontal surface • Takeoff/climb surface RWY 19 • Transition surface RWY 01 • Transition surface RWY 19 |
|---|---|

ESOW 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS
ESOW 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

<i>Charts</i>	<i>Pages</i>
Aerodrome Chart - ICAO	AD 2 ESOW 2 - 1
AOC - ICAO Type A RWY 01/19	AD 2 ESOW 3 - 1
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 ESOW 7 - 1
IAC - ICAO NDB + DME + ILS RWY 19	AD 2 ESOW 8 - 1
IAC - ICAO NDB RWY 19	AD 2 ESOW 8 - 2
IAC - ICAO NDB RWY 01	AD 2 ESOW 8 - 3
IAC - ICAO RNP RWY 01	AD 2 ESOW 8 - 5
IAC - ICAO RNP RWY 19	AD 2 ESOW 8 - 9
VAC - ICAO	AD 2 ESOW 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESOW STOCKHOLM-VÄSTERÅS 4

AREA CHART

See [Area Chart - ICAO STOCKHOLM TMA](#) (ESSA STOCKHOLM-ARLANDA 5)

ESOW 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

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ESOW 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

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