

**AD 2 AERODROMES****ESSD 2.1 AERODROME LOCATION INDICATOR AND NAME****ESSD - BORLÄNGE****ESSD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1. ARP coordinates and site at AD	602520N 0153054E RWY 1100 m in from THR 14
2. Direction and distance from (city)	SSE 4 NM from Borlänge
3. Elevation/Reference temperature	504 ft/+17.4°C
4. Geoid undulation at AD ELEV PSN	95 ft
5. MAG VAR/Annual change	6° E (2025)/+0.2 increasing
6. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Dala Airport AB Överstevägen 50 SE-784 63 Borlänge TEL: +46 243 645 00 E-mail: info@dalaairport.se AFS: ESSDZTX Website: www.dalaairport.se
7. Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4C
8. Remarks	-

**ESSD 2.3 OPERATIONAL HOURS**

1. AD operator	MON-FRI 0700-1600 (0600-1500)
AD Operating hours	H24
2. Customs and immigration	CUST: O/R +46 8 405 02 50 Immigration: MON-FRI 0700-1500 (0600-1400)
3. Health and sanitation	-
4. AIS Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
5. ATS Reporting Office (ARO)	FPC H24 , +46 (0)8 797 63 40, www.lfv.se/fpc
6. MET Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
7. ATS	MON-FRI 0700-1600 (0600-1500)
8. Fuelling	H24 Self-service MON-FRI 0700-1530 (0600-1430) Other hours O/R
9. Handling	O/R
10. Security	O/R
11. De-icing	O/R
12. Remarks	Increased charges outside TWR HR of OPS

**ESSD 2.4 HANDLING SERVICES AND FACILITIES**

1. Cargo-handling facilities	-
2. Fuel and oil types	Fuel: 100LL, Jet A1 Oil: -
3. Fuelling facilities and capacity	100LL: Stationary 10,000 l Jet A1: Stationary 12,000 l, truck 20,000 l, 800 l/min
4. De-icing facilities	Available, Type I and II. De-icing channel 121.780.
5. Hangar space for visiting ACFT	O/R

- |  |   |
|--|---|
| 6. Repair facilities for visiting ACFT | O/R   |
| 7. Remarks                             | For 100LL and Jet A1, self-service H24 with BP card.<br>Electrical charging poles, connectors type 2 and 220/380V,<br>stand 4, 5 and 6. |

## ESSD 2.5 PASSENGER FACILITIES

- |                         |  |
|-------------------------|--|
| 1. Hotels               | In Borlänge                            |
| 2. Restaurants          | At AD and in the vicinity              |
| 3. Transportation       | Buses, taxis, rental cars              |
| 4. Medical facilities   | In Borlänge                            |
| 5. Bank and Post Office | Bank: In Borlänge<br>Post: In Borlänge |
| 6. Tourist Office       | In Borlänge                            |
| 7. Remarks              | -                                      |

## ESSD 2.6 RESCUE AND FIRE FIGHTING SERVICES

- |  |   |
|--|---|
| 1. AD category for fire fighting               | CAT 3. Higher O/R. MAX CAT 9.   |
| 2. Rescue equipment                            | By arrangement, municipal rescue service  |
| 3. Capability for removal of disabled aircraft | Suitable for aircraft up to B737/A321. Contact:<br>+46 70 582 63 11, +46 70 683 63 60, +46 70 670 66 40   |
| 4. Remarks                                     | Only during ATS operational hours.<br>RFFS level corresponds to the current aircraft specification.<br>NCO, NCC and SPO below 5700 kg exempted or O/R during tower hours<br>with 30 min PN. |

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

- |  |  |
|--|--|
| 1. Types of clearing equipment                         | Snowploughs, sweepers, blowers, slingers, spreaders          |
| 2. Clearance priorities                                | RWY, TWY, Apron, Emergency access road.                      |
| 3. Use of material for movement area surface treatment | RWY, TWY and apron de-iced with UREA/SAND                    |
| 4. Specially prepared winter runways                   | -  |
| 5. Remarks   | Snowclearance/Moving outside TWR HR of OPS can be conducted. |

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

- |  |   |
|--|---|
| 1. Apron surface and strength          | Apron ASPH PCN 50/F/B/X/U                               |
| 2. Taxiway width, surface and strength | TWY A 23 m ASPH PCN 50/F/B/X/U<br>TWY B 10 m ASPH PCN - |
| 3. ACL, location and elevation         | Apron 499 ft  |
| 4. VOR checkpoints                     | -   |
| 5. INS checkpoints                     | -   |
| 6. Remarks                             | -   |

## ESSD 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 14/32: Designator, THR, TDZ, CL and edges day marked  
RTHL, RENL and REDL  
TWY A: CL, HLDG day marked. Edge LGT, RGL  
TWY B: CL, HLDG day marked. RGL

**3. Stop bars**

-

**4. Remarks**

RWY 14/32: REDL located 4.5 m from RWY edge

**ESSD 2.10 AERODROME OBSTACLES**

In Area 2				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
ESSD1	VEGETATION	602441.5N 0153208.3E	519 ft / -	-
ESSD2	TREE	602445.0N 0153219.1E	521 ft / -	-
ESSD3	TREE	602444.1N 0153218.5E	522 ft / -	-
ESSD4	VEGETATION	602444.1N 0153220.0E	523 ft / -	-
ESSD5	VEGETATION	602440.3N 0153213.1E	527 ft / -	-
ESSD6	TREE	602437.9N 0153232.8E	538 ft / -	-
ESSD7	TREE	602431.7N 0153245.1E	552 ft / -	-
ESSD8	TREE	602432.0N 0153246.2E	560 ft / -	-
ESSD9	TREE	602429.1N 0153302.3E	575 ft / -	-
ESSD10	TREE	602425.1N 0153308.0E	590 ft / -	-
ESSD11	TREE	602420.0N 0153306.6E	597 ft / -	-
ESSD12	TREE	602418.3N 0153304.3E	600 ft / -	-
ESSD13	TREE	602412.1N 0153259.1E	604 ft / -	-
ESSD14	TREE	602330.6N 0153532.9E	790 ft / -	-
ESSD15	TREE	602329.1N 0153545.1E	838 ft / -	-
ESSD16	TREE	602137.0N 0154016.7E	1090 ft / -	-
ESSD17	TREE	602134.2N 0154019.2E	1096 ft / -	-
ESSD18	VEGETATION	602553.6N 0152949.7E	516 ft / -	-
ESSD19	VEGETATION	602554.0N 0152948.9E	523 ft / -	-
ESSD20	BUILDING	602555.1N 0152944.6E	533 ft / -	-
ESSD21	TREE	602558.7N 0152933.0E	544 ft / -	-
ESSD22	TREE	602558.9N 0152931.1E	547 ft / -	-
ESSD23	TREE	602559.9N 0152932.9E	548 ft / -	-
ESSD24	TREE	602559.0N 0152929.0E	550 ft / -	-
ESSD25	TREE	602603.9N 0152933.6E	556 ft / -	-
ESSD26	TREE	602556.2N 0152917.5E	557 ft / -	-
ESSD27	TREE	602556.5N 0152917.4E	563 ft / -	-
ESSD28	TREE	602556.7N 0152915.4E	565 ft / -	-
ESSD29	TREE	602610.2N 0152922.4E	591 ft / -	-
ESSD30	TREE	602610.6N 0152921.8E	596 ft / -	-
ESSD31	TREE	602611.3N 0152920.0E	600 ft / -	-
ESSD32	TREE	602612.2N 0152919.6E	604 ft / -	-
ESSD33	TREE	602612.5N 0152918.9E	607 ft / -	-
ESSD34	TREE	602612.4N 0152917.4E	608 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
f Remarks: Not available				

## ESSD 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, <a href="https://tafplanner.smhi.se/app.php/production-program">https://tafplanner.smhi.se/app.php/production-program</a> |
| 4. Trend forecast  | -   |
| Interval of issuance   |   |
| 5. Briefing/consultation provided                                      | FPC H24, +46 8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a>  |
| 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                                 | BORLÄNGE TWR  |
| 10. Additional information (limitation of service, etc.)               | -   |

## ESSD 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	132.41°	2313 x 45	PCN 50/F/B/X/T ASPH	602544.73N 0152959.51E GUND 95 ft	THR 504 ft
32	312.44°	2313 x 45	PCN 50/F/B/X/T ASPH	602454.32N 0153151.09E GUND 94.7 ft	THR 493.0 ft TDZ: 495.3 ft
12	117.94°	720 x 40	PCN - GRASS	602542.84N 0152923.26E GUND 95 ft	THR 506 ft
30	297.95°	720 x 40	PCN - GRASS	602531.94N 0153004.83E GUND 95 ft	THR 501 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 ESSD AOC	-	200 x 150	2433 x 280	90 x 90
32	See ESSD AOC	-	-	2433 x 280	90 x 90
12	-	-	-	780 x 60	-
30	-	-	-	780 x 60	-

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
14	-	-	-
32	-	-	-
12	-	-	-
30	-	-	-

**ESSD 2.13 DECLARED DISTANCES**

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks	
1	2	3	4	5	6	
14	2313	2513	2313	2313	-	
32	2313	2313	2313	2313	-	
12	720	720	720	720	-	
30	720	720	720	720	-	
RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	-	Remarks
1		2	3	4	5	6
14	TWY A	2020	2220	2020	-	-

**ESSD 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	SALS 420 M LIL/LIH	Green	PAPI Left side/3.25° 65 ft	-	-	2313/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
32	CALVERT CAT I 900 M LIL/LIH	Green	PAPI Left side/3.00° 61 ft	-	-	2313/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
<b>10 Remarks:</b> RWY 14: PCL RWY LIL on channel 127.305 for 10 SEC.  RWY 32: PCL RWY LIL on channel 127.305 for 10 SEC.								

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

- ABN/IBN location, characteristics and hours of operation** -
- LDI location and LGT** Windsock at RWY ends, no LGT, windsock NW apron, lighted.  
**Anemometer location and LGT** NW TWY A and NW GP 32, lighted
- TWY edge and centre line lighting** Edge: A  
CL: -

- 4. Secondary power supply/switch-over time Available/1 sec.
- 5. Remarks -

**ESSD 2.16 HELICOPTER LANDING AREA**

RWY 14/32 to be used.

**ESSD 2.17 ATS AIRSPACE**

- 1. Designation and lateral limits BORLÄNGE CTR 603540N 0151521E - 602928N 0153754E - 601842N 0155526E - 601409N 0154717E - 602058N 0152254E - 603135N 0150744E to point of origin.
- 2. Vertical limits BORLÄNGE CTR 2500 ft AMSL  
GND
- 3. Airspace classification C
- 4. ATS unit call sign Language(s) BORLÄNGE TOWER Swedish/English
- 5. Transition altitude 5000 ft AMSL
- 6. Hours of applicability CTR established during hours of TWR.
- 7. Remarks -

**ESSD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	BORLÄNGE TOWER	127.305	HO	PRIMARY VDF
		121.500	HO	VDF

**ESSD 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 32 ILS CAT I (6° E 2025)	SD	109.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	602552.8N 0152941.7E	-	-	370 m beyond THR 14 LOC Class I/E/2
GP 32	-	332.60 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	602503.7N 0153140.6E	-	-	Angle 3.00° RDH 55.1 ft 314 m past THR 32 right side GP Class I/C/2

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
L 14	BL	421 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	602813.3N 0152429.9E	-	-	Range 15 NM
L 32	LM	397 kHz	H24 Monitoring of signal in space limited to ATS HR of OPS	602323.7N 0153505.1E	-	-	Range 15 NM
VOR/DME (6° E 2025)	BOR	117.60 MHz	H24	602517.4N 0153109.1E	513 ft	-	DME Channel 123X Limited range of DME within sector 140°-290°
DME	SD	109.50 MHz	H24 Monitoring of signal in space limited to ATS HR of OPS	602503.8N 0153140.7E	517 ft	-	Low signal in sector 10°-35° left/SW of extended CL below 4000 ft, 17 NM and beyond. DME Channel 32X

**ESSD 2.20 LOKALA FLYGPLATSFÖRESKRIFTER**

1. Samtliga luftfartyg som avser operera till/från Borlänge flygplats skall vara utrustade med VHF-flygradioutrustning som medger dubbelriktad radioförbindelse på kanal 127.305 samt 121.500. Detta gäller även utanför ATS publicerad öppethållning.

## 2. Klarering före uttaxning

Klarering för IFR-trafik lämnas vid begäran om start-up. Uppgift om transponderkod lämnas under uttaxning.

3. Utanför TWR öppethållning skall trafikvarv flygas öster om RWY 14/32, när verksamhet pågår på grässtråk 12/30 som är beläget väster om banbörjan RWY 14.

4. Högervarv tillämpas till grässtråk 12.

5. På grässtråk 12/30 sker inget vinterunderhåll. För information om stråkkonditionen kontakta Borlänge Flygklubb TEL 070 479 36 68.

6. Efter start RWY 14 eller 32 skall lätta luftfartyg stiga rakt fram till MNM 500 ft GND innan sväng påbörjas, dock skall alltid bullerkänsligt område undvikas.

7. Under ATS öppethållning gäller PPR för all IFR skolflygning, TEL 0243 645 20.

8. Skolning, bogsering av segelflygplan och fallskärmshoppning är endast tillåten MÅN-FRE 0600-2100 (0500-2000) samt LÖR-SÖN 0800-1700 (0700-1600).

**ESSD 2.20 LOCAL AERODROME REGULATIONS**

1. All aircraft operating to/from Borlänge aerodrome must be equipped with VHF-radio which allows two-way radio communication on channel 127.305 and 121.500. This is mandatory also outside ATS HR of OPS.

## 2. Clearance at gate

ATC clearance for IFR traffic will be delivered on request at start-up. Transponder code will be communicated during taxi.

3. Outside TWR operational hours the traffic circuit shall be flown east of RWY 14/32 when there is activity on the grass strip 12/30 situated west of the beginning RWY 14.

4. Right hand traffic circuit to grass strip 12.

5. No snow clearance of grass strip 12/30. For information about condition of grass strip 12/30 contact Borlänge Flygklubb TEL +46 70 479 36 68.

6. After take-off RWY 14 or 32 light aircraft shall climb straight ahead to MNM 500 ft GND before commencing turn. Noise-sensitive areas shall always be avoided.

7. During ATS operational hours, PPR applies for all IFR school flights. TEL +46 243 645 20.

8. School flights, glider towing and skydiving are only allowed MON-FRI 0600-2100 (0500-2000) and SAT-SUN 0800-1700 (0700-1600).

9. När ATS är stängt får instrumentflygningar endast genomföras av flygoperatörer som har skrivit på ett avtal med flygplatsen. Detta gäller ej samhällsviktiga uppdrag, exempelvis ambulans och polishelikopter.

9. When ATS is closed instrument approach procedures can only be carried out by flight operators who has signed an agreement with the aerodrome. This does not apply to missions of importance to society, for example ambulance and police helicopter.

## ESSD 2.21 BULLERREDUCERANDE FÖRFARANDE

1. För jetflygplan och flygplan med MTOM överstigande 7000 kg gäller att start RWY 32 och landning RWY 14 endast är tillåten om vind- eller trafikförhållanden så kräver.

2. För luftfartyg med MTOM överstigande 7000 kg: efter start RWY 32 skall normalt vänstersväng tillämpas. Avsteg från detta tillåts endast om vind- eller trafikförhållanden så kräver.

3. Flygning över tätbebyggt område

a) Vid start och landning med lätta luftfartyg (< 2000 kg) skall sådana trafikvarv följas som innebär att tätbebyggda områden N RWY; Naglarby, Yttre Svärdsjö, Rommeholen, St.Tuna k:a, Långsjö, Västansjö, Skärsjö och Sörbo inte överflygs.

b) Ovan angivna byar bör i övrigt inte överflygas under 2000 ft AMSL.

4. Bullerkänsliga områden och byar finns publicerade på ESSD VAC.

5. För jetflygplan som utför upprepade start- och landningsövningar gäller att lägsta tillåtna trafikvarvshöjd är 1500 ft AMSL.

## ESSD 2.21 NOISE ABATEMENT PROCEDURES

1. For jet ACFT and ACFT with MTOM exceeding 7000 kg take-off RWY 32 and landing RWY 14 only permitted when wind or traffic conditions so require.

2. For ACFT with MTOM exceeding 7000 kg: after takeoff RWY 32, left turn after departure is normal procedure. Deviation from this permitted only due to wind or traffic situation.

3. Flight over densely populated areas

a) On take-off and landing with light aircraft (< 2000 kg) a traffic circuit shall be followed that not causes overflight of built up areas N RWY, Naglarby, Yttre Svärdsjö, Rommeholen, St.Tuna k:a, Långsjö, Västansjö, Skärsjö and Sörbo.

b) Overflight of above mentioned villages should be avoided below 2000 ft AMSL.

4. Noise sensitive areas and villages are published on ESSD VAC.

5. For jet aircraft making repeated take-off and landing practices a lowest altitude of 1500 ft AMSL in traffic circuit applies.

## ESSD 2.22 FLYGPROCEDURER

## ESSD 2.22 FLIGHT PROCEDURES

### 1 Startprocedurer, omnidirectional

### 1 Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
14	Climb straight ahead with MNM 335 ft/NM (5.5%) to MNM turning ALT 1500 ft AMSL. Continue climb to appropriate MSA.	Tree	1200	149°/7350
		CIO exist		
32	Climb straight ahead with MNM 360 ft/NM (5.9%) to MNM turning ALT 1500 ft AMSL. Continue climb to appropriate MSA.	Antenna	2676	261°/21945
		CIO exist		

### 2 Lågsiktsprocedurer (LVP)

Banor och tillhörande utrustning.  
Bana 14 och 32 är godkända för avgångstrafik när RVR underskrider 550 m, minimum RVR för avgångstrafik är 400 m.

Initiering och verkställande av LVP.

ATC förbereder LVP när RVR underskrider 800 m och/eller molntäckeshöjd/vertikalsikten underskrider 300 ft. LVP träder i kraft när RVR underskrider 550 m och/eller molntäckeshöjden eller vertikalsikten underskrider 200 ft.

Dagermarkering och belysning.  
Se ESSD Aerodrome Chart.

### 2 Low visibility procedures (LVP)

Runways and equipment.  
Runway 14 and 32 are approved for departures in RVR conditions less than 550 m, minimum RVR for departure is 400 m.

Initiation and termination of LVP.

LVP operations will be prepared by ATC when RVR is below 800 m and/or ceiling/vertical visibility is below 300 ft. LVP will be in force when RVR is below 550 m and/or ceiling/vertical visibility is below 200 ft.

Ground marking and lighting.

LVP beskrivning.

- a) När LVP är i drift tillåts för avgångstrafik endast en rörelse åt gången, ett luftfartyg alternativt fordonstrafik.
- b) Luftfartygs rörelse på plattor får endast ske efter klarering från ATC.
- c) Väntläge taxibana A kan användas. Luftfartyg kommer bli instruerade att invänta taxiklarering på uppställningsplats i avvaktan på trafikavveckling.
- d) När LVP är i drift tillåts normalt endast ett luftfartyg åt gången att taxa. Fordon inom manöverområdet är ej tillåtet i samband med avgångstrafik. Undantag ges för fordon som utför mätning av RVR.
- e) In- och uttaxning till RWY 14/32 endast via TWY A.

**3 VFR-flygning inom Borlänge TMA/CTR**

Normala in- och utpasseringspunkter se ESSD VAC.

Väntlägen se ESSD VAC.

Avbrott i radioförbindelse se ESSD VAC.

**ESSD 2.23 TILLÄGGSINFORMATION**

- 1. Modellflygsektor VIGGEN SW gräsbanan kan upprättas under dagar.  
Höjdbegränsning under ATS öppethållningstid 400ft/120 m AGL.  
Övrig tid upp till högst 1000ft/300 m AGL. Se ESSD Aerodrome Chart.
- 2. Reducerad banseparation tillämpas enligt AIP AD 1.1 punkt 10.
- 3. Omfattande verksamhet med segelflygplan samt fallskärmshoppning under sommarsäsong.
- 4. Medföljande husdjur ska hållas kopplade på färdområdet.

**ESSD 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS**

Charts	Pages
Aerodrome Chart - ICAO	AD 2 ESSD 2 - 1
AOC - ICAO Type A RWY 14	AD 2 ESSD 3 - 1
AOC - ICAO Type A RWY 32	AD 2 ESSD 3 - 3
Area Chart - ICAO BORLÄNGE TMA	AD 2 ESSD 5 - 1
SID - ICAO RNP RWY 14 NEWKI 3B	AD 2 ESSD 6 - 1
STAR - ICAO RNAV RWY 32 XOTBU 2F	AD 2 ESSD 6 - 3
SID - ICAO RNP RWY 32 NEWKI 2C	AD 2 ESSD 6 - 5

See ESSD Aerodrome Chart.

Description of LVP.

- a) Aircraft and vehicle movements will be restricted to one aircraft movement at a time while departures when LVP is active.
- b) Aircraft movements on aprons after clearance from ATC only.
- c) Holding point TWY A can be used. Normally aircraft will be instructed to hold on parking until no other aircraft- or vehicle movements are under way.
- d) Taxiing is normally restricted to one aircraft movement at a time. Vehicles on the maneuvering area are not permitted during departure operations when LVP is active. Exception is made for vehicles manually measuring RVR.
- e) Entry and exit to RWY 14/32 is only permitted via TWY A.

**3 VFR flight within Borlänge TMA/CTR**

Normal entry and exit points see ESSD VAC.

Holdings see ESSD VAC.

Communication failure see ESSD VAC.

**ESSD 2.23 ADDITIONAL INFORMATION**

- 1. Model airplane sector VIGGEN SW of the grass runway can be established during daylight hours.  
Height restriction during ATS operational hours is 400ft/120 m AGL.  
At other times, up to a max 1000ft/300 m AGL. See ESSD Aerodrome Chart.
- 2. Reduced runway separation is applied in accordance with AIP AD 1.1 para 10.
- 3. Extensive activities with gliders and parachute jumping during the summer season.
- 4. Accompanying pets should be kept on leash in the movement area.

**ESSD 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME**

<i>Charts</i>	<i>Pages</i>
STAR - ICAO RNAV RWY 14 XOTBU 2E	AD 2 ESSD 6 - 7
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 ESSD 7 - 1
IAC - ICAO ILS z or LOC z RWY 32	AD 2 ESSD 8 - 1
IAC - ICAO ILS y or LOC y RWY 32	AD 2 ESSD 8 - 2
IAC - ICAO VOR RWY 14	AD 2 ESSD 8 - 3
IAC - ICAO NDB RWY 14	AD 2 ESSD 8 - 4
IAC - ICAO VOR RWY 32	AD 2 ESSD 8 - 5
IAC - ICAO RNP RWY 14	AD 2 ESSD 8 - 7
IAC - ICAO RNP RWY 32	AD 2 ESSD 8 - 11
VAC - ICAO	AD 2 ESSD 9 - 1

**LIST OF WAYPOINTS AND SIGNIFICANT POINTS**

See ESSD BORLÄNGE 4

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

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