

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/+18.5°C |
| 4. | Geoid undulation at AD ELEV PSN | 95 ft |
| 5. | MAG VAR/Annual change | 5° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | AB Dalaflyget
Överstevägen 50
SE-784 63 Borlänge
TEL: +46 (0)243 645 00
E-mail: bleinfo@dalaflyget.se
AFS: ESSDZTZX
Website: dalaflyget.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4C |
| 8. | Remarks | - |

ESSD 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1500 (0600-1400)
H24 |
| 2. | Customs and immigration | CUST: O/R +46 (0)8 405 02 50
Immigration: MON-FRI 0700-1500 (0600-1400) |
| 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) | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 6. | MET Briefing Office | FPC H24, +46 (0)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/oil types | Fuel Jet A1, 100LL
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: Stationary 12,000 l, truck 20,000 l, 800 l/min
100LL: Stationary 10,000 l |
| 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.
Electrical charging poles, connectors type 2 and 220/380V,
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 | In Borlänge |
| 6. | Tourist Office | In Borlänge |
| 7. | Remarks | - |

ESSD 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|--|
| 1. | AD category for fire fighting | CAT 5. 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:
+46 (0)70 582 63 11, +46 (0)70 683 63 60, +46 (0)70 670 66 40 |
| 4. | Remarks | Only during ATS operational hours.
During periods of reduced aerodrome activity, RFFS level of
protection may be lowered to a level corresponding to the largest
aircraft using the aerodrome during that period.

NCO, NCC and SPO below 5700 kg exempted or O/R during tower
hours with 30 min PN. |

ESSD 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Snowploughs, sweepers, blowers, slingers, spreaders. |
| 2. | Clearance priorities | RWY, TWY, Apron, Emergency access road. |
| 3. | Remarks | RWY, TWY and apron de-iced with UREA/SAND
Snowclearance/Moving outside TWR HR of OPS can be conducted. |

ESSD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS 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 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 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 in feet	Markings/ Type, colour	Remarks
a	b	c	d	e	f
ESSD1	Vegetation	602441.5N 0153208.3E	519 / -	-	-
ESSD2	Tree	602445.0N 0153219.1E	521 / -	-	-
ESSD3	Tree	602444.1N 0153218.5E	522 / -	-	-
ESSD4	Vegetation	602444.1N 0153220.0E	523 / -	-	-
ESSD5	Vegetation	602440.3N 0153213.1E	527 / -	-	-
ESSD6	Tree	602437.9N 0153232.8E	538 / -	-	-
ESSD7	Tree	602431.7N 0153245.1E	552 / -	-	-
ESSD8	Tree	602432.0N 0153246.2E	560 / -	-	-
ESSD9	Tree	602429.1N 0153302.3E	575 / -	-	-
ESSD10	Tree	602425.1N 0153308.0E	590 / -	-	-
ESSD11	Tree	602420.0N 0153306.6E	597 / -	-	-
ESSD12	Tree	602418.3N 0153304.3E	600 / -	-	-
ESSD13	Tree	602412.1N 0153259.1E	604 / -	-	-
ESSD14	Tree	602330.6N 0153532.9E	790 / -	-	-
ESSD15	Tree	602329.1N 0153545.1E	838 / -	-	-
ESSD16	Tree	602137.0N 0154016.7E	1090 / -	-	-
ESSD17	Tree	602134.2N 0154019.2E	1096 / -	-	-
ESSD18	Vegetation	602553.6N 0152949.7E	516 / -	-	-
ESSD19	Vegetation	602554.0N 0152948.9E	523 / -	-	-
ESSD20	Building	602555.1N 0152944.6E	533 / -	-	-
ESSD21	Tree	602558.7N 0152933.0E	544 / -	-	-
ESSD22	Tree	602558.9N 0152931.1E	547 / -	-	-
ESSD23	Tree	602559.9N 0152932.9E	548 / -	-	-
ESSD24	Tree	602559.0N 0152929.0E	550 / -	-	-
ESSD25	Tree	602603.9N 0152933.6E	556 / -	-	-
ESSD26	Tree	602556.2N 0152917.5E	557 / -	-	-
ESSD27	Tree	602556.5N 0152917.4E	563 / -	-	-
ESSD28	Tree	602556.7N 0152915.4E	565 / -	-	-
ESSD29	Tree	602610.2N 0152922.4E	591 / -	-	-
ESSD30	Tree	602610.6N 0152921.8E	596 / -	-	-
ESSD31	Tree	602611.3N 0152920.0E	600 / -	-	-
ESSD32	Tree	602612.2N 0152919.6E	604 / -	-	-
ESSD33	Tree	602612.5N 0152918.9E	607 / -	-	-
ESSD34	Tree	602612.4N 0152917.4E	608 / -	-	-

In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
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, <https://tafplanner.smhi.se/app.php/production-program>
4. Type of landing forecast Not issued
Interval of issuance
5. Briefing/consultation provided FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc
6. Flight documentation TAF, METAR, SIGMET, Upper air winds
Language(s) used Swedish/English
7. Charts and other information available for SWC, WC, Nordic SIGWX Chart, Low level forecast
briefing or consultation
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 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
14	132.41° GEO 127° MAG	2313 x 45	PCN 50 F/B/X/T ASPH	602544.73N 0152959.51E GUND 95 ft	THR 504 ft
32	312.44° GEO 307° MAG	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° GEO 113° MAG	720 x 40	PCN - GRASS	602542.84N 0152923.26E GUND 95 ft	THR 506 ft
30	297.95° GEO 293° MAG	720 x 40	PCN - GRASS	602531.94N 0153004.83E GUND 95 ft	THR 501 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
14 See ESSD AOC	-	200 x 150	2433 x 280	-	-
32 See ESSD AOC	-	-	2433 x 280	-	-
12	-	-	780 x 60	-	-
30	-	-	780 x 60	-	-

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	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

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/3.25° (65.2 ft)	-	-	2313/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
32	Calvert CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (60.7 ft)	-	-	2313/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: 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

1. ABN/IBN location, characteristics and hours of operation -
2. LDI location and LGT
Anemometer location and LGT Windsock at RWY ends, no LGT, windsock NW apron, lighted.
NW TWY A and NW GP 32, lighted.
3. TWY edge and centre line lighting Edge: TWY 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 -
603540N 0151521E
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. Remarks CTR established during hours of TWR.

ESSD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	BORLÄNGE TOWER	127.305	HO	Primary channel 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	Remarks
1	2	3	4	5	6	7
L 14	BL	421 kHz	H24 *	602813.3N 0152429.9E		Range 15 NM
LOC 32 ILS CAT I (5° E 2020)	SD	109.50 MHz	H24 *	602552.8N 0152941.7E		370 m beyond THR 14 ILS Class I/E/2
GP		332.60 MHz	H24 *	602503.7N 0153140.6E		Angle 3.0° RDH 55.1 ft 314 m past THR 32 right side
L 32	LM	397 kHz	H24 *	602323.7N 0153505.1E		Range 15 NM
VOR/DME (5° E 2020)	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 *	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

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

ESSD 2.20 LOKALA TRAFIKFÖRESKRIFTER

- 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.
- Klarering före uttaxning
Klarering för IFR-trafik lämnas vid begäran om start-up. Uppgift om transponderkod lämnas under uttaxning.
- 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.
- Högervarv tillämpas till grässtråk 12.
- På grässtråk 12/30 sker inget vinterunderhåll. För information om stråkkonditionen kontakta Borlänge Flygklubb TEL 070 479 36 68.
- 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.

LOCAL TRAFFIC REGULATIONS

- 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.
- Clearance at gate
ATC clearance for IFR traffic will be delivered on request at start-up. Transponder code will be communicated during taxi.
- 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.
- Right hand traffic circuit to grass strip 12.
- No snow clearance of grass strip 12/30.
For information about condition of grass strip 12/30 contact Borlänge Flygklubb TEL +46 (0)70 479 36 68.
- 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. Under ATS öppethållning gäller PPR för all IFR skolflygning, TEL 0243 645 20.
8. Skolning, bogsering av segelflygplan och fallskärms-hoppning är endast tillåten MÅN-FRE 0600-2100 (0500-2000) samt LÖR-SÖN 0800-1700 (0700-1600).
9. När ATS är stängt får instrumentinflygningar endast genomföras av flygoperatörer som har skrivit på ett avtal med flygplatsen. Detta gäller ej samhällsviktiga uppdrag, exempelvis ambulans och polishelikopter.

7. During ATS operational hours, PPR applies for all IFR school flights. TEL +46 (0)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. 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 MINSKNING AV BULLERSTÖRNING

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 sid ESSD 6-1.
5. För jetflygplan som utför upprepade start- och landningsövningar gäller att lägsta tillåtna trafikvarvshöjd är 1500 ft AMSL.

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 page ESSD 6-1.
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

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 320 ft/NM (5,3%) to MNM turning ALT 1500 ft AMSL. Continue climb to appropriate MSA.	Tree	1199	149°/7319
		Tree (CIO)	603	140°/3341
		Antenna (CIO)	638	164°/3850
		Pylon	2657	255°/20595
32	Climb straight ahead to MNM turning ALT 1500 ft AMSL. Continue climb to appropriate MSA.	Tree (CIO)	610	318°/3091
		Tree (CIO)	590	307°/2991
		Antenna	1249	294°/12131
		Pylon	2657	261°/21945

2. Lågsiktsprocedurer (LVP)

2. Low visibility procedures (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-2-1

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.

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.

See ESSD-2-1

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-flygning inom Borlänge TMA/CTR

3. VFR flight within Borlänge TMA/CTR

Normala in- och utpasseringspunkter se ESSD 6-1

Normal entry and exit points see ESSD 6-1

Väntlägen se ESSD 6-1

Holdings see ESSD 6-1

Avbrott i radioförbindelse se ESSD 6-1

Communication failure see ESSD 6-1

ESSD 2.23 ÖVRIG INFORMATION

1. Modellflygsektor SW gräsbanan upp till 400 ft/120 m AGL. Upprättad under dager. Se ESSD-2-1.
2. Reducerad banseparation tillämpas enligt AIP AD 1.1 mom 10.
3. Omfattande vinchstarter med segelflygplan under sommarsäsong.
4. Medföljande husdjur ska hållas kopplade på färdområdet.

ADDITIONAL INFORMATION

1. Model flying area SW grass strip up to 400 ft/120 m AGL. Established during daylight. See ESSD-2-1.
2. Reduced runway separation is applied in accordance with AIP AD 1.1 para 10.
3. Extensive winch launching of gliders during summer season.
4. Accompanying pets should be kept on leash in the movement area.

ESSD 2.24 TILLHÖRANDE KARTOR

AD chart
AOC
AOC
Area Chart
List of waypoints and significant points
RNP SID
RNAV (GNSS) STAR
ATC Surveillance Minimum ALT chart
IAC
IAC
IAC
IAC
IAC
IAC
IAC
IAC
VAC

RWY 14
RWY 32

RWY 14
RWY 32

ILS z or LOC z RWY 32
ILS y or LOC y RWY 32
VOR RWY 32
NDB RWY 14
VOR RWY 14
RNP RWY 32
RNP RWY 14

RELATED CHARTS

ESSD 2-1
ESSD-3-1
ESSD-3-3
ESSD 4-1
ESSD 4-3
ESSD 4-5
ESSD 4-7
ESSD 4-91
ESSD 5-1
ESSD 5-2
ESSD 5-3
ESSD 5-4
ESSD 5-5
ESSD 5-7
ESSD 5-11
ESSD 6-1