

AD 2 AERODROMES**ESIB 2.1 AERODROME LOCATION INDICATOR AND NAME****ESIB – SÄTENÄS****ESIB 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | ARP coordinates and site at AD | 582542N 0124240E RWY 01/19 centre point |
| 2. | Direction and distance from (city) | W 14 NM from Lidköping |
| 3. | Elevation/Reference temperature | 181 ft/+18.5°C |
| 4. | Geoid undulation at AD ELEV PSN | 112 ft |
| 5. | MAG VAR/Annual change | 4° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | MIL AD: FM/Swedish Armed Forces
F7 Skaraborgs flygflottilj
SE-530 32 Sätenäs
TEL: +46 (0)510 47 70 00
FAX: +46 (0)510 47 71 91
E-mail: f7-flygplatsledning@mil.se
AFS: ESIBZTZX
Website: www.forsvarsmakten.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 3C |
| 8. | Remarks | PPR
72 HR PN for all foreign military aircrafts and helicopters.
Diplomatic clearance mandatory for all foreign traffic.
All PPR shall be made during HR of AD Administration
to e-mail: f7-flygplatsledning@mil.se |

ESIB 2.3 OPERATIONAL HOURS

- | | | |
|-----|-----------------------------------------|------------------------------------------------|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1500 (0600-1400)
As ATS |
| 2. | Customs and immigration | Customs O/R |
| 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 | MON-FRI 0600-1600 (0500-1500) |
| 8. | Fuelling | O/R |
| 9. | Handling | O/R |
| 10. | Security | MIL AD. For separate aircraft O/R
7 days PN |
| 11. | De-Icing | O/R |
| 12. | Remarks | - |

ESIB 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Cargo-handling facilities | O/R |
| 2. | Fuel/oil types | Fuel -
Oil - |
| 3. | Fuelling facilities/discharge capacity | - |
| 4. | De-icing facilities | Type 1 and 2, mobile unit, O/R
+46(0)708 87 00 56 |
| 5. | Hangar space for visiting ACFT | - |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | De-icing is committed to apron 6
Fuel/oil types etc according to Swedish military
standard which differs from normally used by civil
aviation. Jet A1 equivalent NATO F35 |

ESIB 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|-----------------------------|
| 1. | Hotels | In Lidköping or Trollhättan |
| 2. | Restaurants | In Lidköping or Trollhättan |
| 3. | Transportation | Taxis |
| 4. | Medical facilities | In Lidköping or Trollhättan |
| 5. | Bank and Post Office | In Lidköping or Trollhättan |
| 6. | Tourist Office | In Lidköping or Trollhättan |
| 7. | Remarks | - |

ESIB 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---------------------------------------------|-------------------------------------------|
| 1. | AD category for fire fighting | CAT 6, up to CAT 8 O/R |
| 2. | Rescue equipment | MIL equipment |
| 3. | Capability for removal of disabled aircraft | MIL equipment. Heavy loads by contractor. |
| 4. | Remarks | - |

ESIB 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|-----------------|
| 1. | Types of clearing equipment | MIL equipment |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | - |

ESIB 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron 6 CONC PCN 25 R/C/X/T Parts of apron have increased PCN values
2.	Taxiway width, surface and strength	TWY A 15 m ASPH PCN 25 F/C/X/T TWY A1 15 m ASPH PCN 25 F/C/X/T
3.	ACL, location and elevation	THR RWY 19 175 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESIB 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, CL and edges are day marked. RTHL, REDL, RENL 11/29: Designator, THR, CL and edges are day marked. RTHL, REDL, RENL TWY A: CL, HLDG day marked. Edge lights, RGL A1: CL, HLDG day marked. Edge lights, RGL
3.	Stop bars	-
4.	Remarks	RWY 01/19: MIL configuration RWY 11/29: MIL configuration

ESIB 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					
In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

ESIB 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 | TAF not produced |
| 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 | SÅTENÄS APP
SÅTENÄS TWR |
| 10. Additional information (limitation of service,
etc.) | Above info applicable to civil operations |

ESIB 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	004.59° GEO 001° MAG	2264 x 45	PCN 98 F/B/X/T ASPH	582505.39N 0124234.77E GUND 111.0 ft	THR 169.4 ft TDZ 169.9 ft
19	184.59° GEO 181° MAG	2264 x 45	PCN 98 F/B/X/T ASPH	582618.33N 0124245.94E GUND 110.8 ft	THR 175.3 ft TDZ 176.6 ft
11	111.88° GEO 108° MAG	1933 x 40	PCN 65 F/B/X/T ASPH	582559.19N 0124141.00E GUND 111 ft	THR 166 ft
29	291.91° GEO 288° MAG	1933 x 40	PCN 65 F/B/X/T ASPH	582535.90N 0124331.51E GUND 111 ft	THR 181 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
01 Info not avbl.	-	-	2384 x 300	-	MIL distance boards along RWY
19 Info not avbl.	-	-	2384 x 300	-	MIL distance boards along RWY
11	-	-	2053 x 150	-	Caution advised at RWY crossing due cambered surface on RWY 01/19. MIL distance boards along RWY Non-instrument
29	-	-	2053 x 150	-	Caution advised at RWY crossing due cambered surface on RWY 01/19. MIL distance boards along RWY Non-instrument Arresting net beyond THR 11

ESIB 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2264	2264	2264	2264	-
19	2264	2264	2264	2264	-
11	1933	1933	1933	1933	-
29	1933	1933	1933	1933	-

ESIB 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	Calvert CAT I 900 m LIL/LIH	Green	PAPI Left/3.00°	-	-	2264/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
19	Calvert CAT I 900 m LIL/LIH	Green	PAPI Left/3.00°	-	-	2264/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
11	-	Green	-	-	-	1933/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
29	-	Green	-	-	-	1933/60 m White Caution zone 600 m yellow LIL/LIH	Red	-

10 Remarks: RWY 01: EFAS 750-480 m before THR
RWY 19: EFAS 750-480 m before THR
RWY 11: TRID LIH.
RWY 29: TRID LIH.

ESIB 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- ABN/IBN location, characteristics and hours of operation -
- LDI location and LGT Windsock 270 m NW RWY intersection lighted, 200 m NW THR 19 unlighted
Anemometer location and LGT 300 m SW THR 19, 170 m NE RWY intersection, 320 m NW THR 01, all lighted
- TWY edge and centre line lighting Edge: TWY A, A1
CL: -
- Secondary power supply/switch-over time Available/15 sec
- Remarks -

ESIB 2.16 HELICOPTER LANDING AREA

RWY 01/19 or 11/29 to be used

ESIB 2.17 ATS AIRSPACE

1.	Designation and lateral limits	SÄTENÄS CTR	583818N 0124000E - 583745N 0125014E - 582248N 0125825E - 581115N 0124350E - 581136N 0123711E - 582225N 0122829E - 582440N 0122319E - 582916N 0122830E - 583818N 0124000E
2.	Vertical limits	SÄTENÄS CTR	1500 ft AMSL GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	SÄTENÄS TOWER Swedish/English	
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	CTR established during hours of TWR.	

ESIB 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	SÄTENÄS TOWER	128.200	HO	Primary channel VDF
		121.500	HO	VDF
	SÄTENÄS GROUND	121.850	MON-THU 0730- 1430 (0630-1330) FRI 0730-1100 (0630-1000)	Start-up, ATC Clearance, taxi instructions
APP	SÄTENÄS APPROACH	134.550	HO	VDF
		123.000	HO	VDF
PAR	SÄTENÄS PRECISION	119.300	HO	-

ESIB 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 ILS CAT I (4° E 2020)	IBT	111.15 MHz	H24	582630.3N 0124247.8E		372 m beyond THR 19 ILS Class I/D/2
GP		331.55 MHz	H24	582514.3N 0124243.5E		Angle 3.0° RDH 53.8 ft 285 m past THR 01 right side
L 01	SG	409 kHz	H24	582250.1N 0124219.4E		Range 25 NM
LOC 19 ILS CAT I (4° E 2020)	IBC	109.50 MHz	H24	582454.1N 0124233.1E		350 m beyond THR 01 ILS Class I/D/2
GP		332.60 MHz	H24	582608.7N 0124251.9E		Angle 3.0° RDH 50.5 ft 290 m past THR 19 left side
L 19	LG	309 kHz	H24	582714.1N 0124255.2E		Range 15 NM
DME	IBC	109.50 MHz	H24	582608.6N 0124251.7E	190 ft	DME channel 32X
DME	IBT	111.15 MHz	H24	582514.3N 0124243.4E	189 ft	DME channel 48Y

ESIB 2.20 LOKALA TRAFIKFÖRESKRIFTER

NIL

LOCAL TRAFFIC REGULATIONS

NIL

ESIB 2.21 MINSKNING AV BULLERSTÖRNING

Över tätbebyggt område, gäller ej propellerflygplan.

Vid start bana 11 får sväng inte utföras före 1.1 NM från
banslut (1.7 NM från ARP)

Vid start bana 19 får vänstersväng inte utföras före 2.2 NM
från banslut (2.7 NM från ARP).

Vid start bana 19 får högersväng inte utföras före 1.1 NM
från banslut (1.7 NM från ARP).

NOISE ABATEMENT PROCEDURES

Over built up areas, not applicable to propeller driven aircraft.

On take-off RWY 11 turn must not be initiated until 1.1 NM
from RWY end (1.7 NM from ARP).

On take-off RWY 19 left turn must not be initiated until 2.2
NM from RWY end (2.7 NM from ARP).

On take-off RWY 19 right turn must not be initiated until 1.1
NM from RWY end (1.7 NM from ARP).

ESIB 2.22 FLYGPROCEDURER

Startprocedurer, omnidirectional

FLIGHT PROCEDURES

Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
01	Climb straight ahead to MNM turning ALT 800 ft. Continue climb to appropriate MSA.	Antenna CIO exist	359	013°/4745
19	Climb straight ahead to MNM turning ALT 700 ft. Continue climb to appropriate MSA.	Wind turbine CIO exist	357	174°/6095

ESIB 2.23 ÖVRIG INFORMATION

NIL

ADDITIONAL INFORMATION

NIL

ESIB 2.24 TILLHÖRANDE KARTOR

AD chart

Area chart

List of waypoints and
significant points

ATC Surveillance

Minimum ALT chart

IAC

ILS or LOC RWY 01

IAC

PAR RWY 01

IAC

NDB RWY 01

IAC

ILS or LOC RWY 19

IAC

PAR RWY 19

IAC

NDB RWY 19

IAC

RNP RWY 01

IAC

RNP RWY 19

VAC

RELATED CHARTS

ESIB 2-1

See **ESGG 4-1**

ESIB 4-3

ESIB 4-91

ESIB 5-1

ESIB 5-2

ESIB 5-3

ESIB 5-4

ESIB 5-5

ESIB 5-6

ESIB 5-7

ESIB 5-11

ESIB 6-1