

## AD 2 AERODROMES

## ESDF 2.1 AERODROME LOCATION INDICATOR AND NAME

## ESDF – RONNEBY

## ESDF 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

- |    |  |   |
|----|--|---|
| 1. | ARP coordinates and site at AD               | 561600N 0151554E RWY centre point   |
| 2. | Direction and distance from (city)           | N 5 NM from Ronneby   |
| 3. | Elevation/Reference temperature              | 191 ft/+18.5°C  |
| 4. | Geoid undulation at AD ELEV PSN              | 109 ft  |
| 5. | MAG VAR/Annual change                        | 5° E 2015/+0.1 increasing   |
| 6. | Administration, address, telephone, fax, AFS | MIL AD: FM/Swedish Armed Forces<br>F17 Ronneby<br>SE-372 25 Ronneby<br>TEL: +46 (0)457 47 10 00<br>+46 (0)457 47 24 85, +46 (0)721 87 78 32 (MIL OPS)<br>FAX: +46 (0)457 47 14 23 (MIL OPS)<br>E-mail: f17-milairporthandling@mil.se (MIL OPS)<br>CIV OPR: Swedavia AB<br>Ronneby Airport<br>SE-372 92 Ronneby<br>TEL: +46 (0)457 255 90<br>FAX: +46 (0)457 245 84<br>E-mail: ronnebyairport@swedavia.se<br>AFS: ESDFZTZX<br>Website: www.ronnebyairport.se |
| 7. | Types of traffic permitted (IFR/VFR)         | IFR/VFR. Max RWY ref code 4D  |
| 8. | Remarks                                      | PPR outside TWR hours.<br>MIL PPR. Foreign state ACFT, diplomatic clearance required  |

## ESDF 2.3 OPERATIONAL HOURS

- |     |   |   |
|-----|---|---|
| 1.  | AD Administration<br>AD Operating hours | MON-FRI 0600-1430 (0500-1330)<br>MON-FRI 0415-2200 (0315-2100), SAT 0600-1200 (0500-1100),<br>SUN 1100-2200 (1000-2100) |
| 2.  | Customs and immigration                 | O/R TEL +46 (0)40 661 32 20<br>Immigration 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                                     | Ref AIP SUP/NOTAM   |
| 8.  | Fuelling                                | As AD Operating hours   |
| 9.  | Handling                                | As AD Operating hours<br>Passangerhandling O/R  |
| 10. | Security                                | O/R 5 banking days PN   |
| 11. | De-Icing                                | As AD Operating hours   |
| 12. | Remarks                                 | Increased charges outside TWR HR of OPS   |

**ESDF 2.4 HANDLING SERVICES AND FACILITIES**

- |    |  |  |
|----|--|--|
| 1. | Cargo-handling facilities              | Available O/R  |
| 2. | Fuel/oil types                         | Fuel Jet A1, 100LL<br>Oil -  |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 110,000 l<br>100LL: 20,000 l   |
| 4. | De-icing facilities                    | Type I and II, mobile unit   |
| 5. | Hangar space for visiting ACFT         | -  |
| 6. | Repair facilities for visiting ACFT    | -  |
| 7. | Remarks                                | Fuel supplier AirBP Swedavia Ramp Groundhandling<br>TEL +46 (0)10 109 55 96, +46 (0)733 85 32 81,<br>FAX +46 (0)457 245 85<br>Holder of AirBP carnet have the possibility to self-service when fuelling<br>100LL<br>Passanger handling SGS/SAS Ronneby Airport<br>TEL +46 (0)709 45 90 14, FAX +46 (0)457 65 90 29 |

**ESDF 2.5 PASSENGER FACILITIES**

- |    |                      |            |
|----|----------------------|------------|
| 1. | Hotels               | In Ronneby |
| 2. | Restaurants          | At AD      |
| 3. | Transportation       | O/R        |
| 4. | Medical facilities   | In Ronneby |
| 5. | Bank and Post Office | In Ronneby |
| 6. | Tourist Office       | In Ronneby |
| 7. | Remarks              | -          |

**ESDF 2.6 RESCUE AND FIRE FIGHTING SERVICES**

- |    |   |   |
|----|---|---|
| 1. | AD category for fire fighting               | CAT 6 / CAT 8 O/R                           |
| 2. | Rescue equipment                            | Tracked vehicle, rescue boat, MIL equipment |
| 3. | Capability for removal of disabled aircraft | By arrangement, MIL equipment available     |
| 4. | Remarks                                     | -   |

**ESDF 2.7 SEASONAL AVAILABILITY – CLEARING**

- |    |                             |   |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Sweepers, blowers, snow ploughs, slingers and spreaders |
| 2. | Clearance priorities        | RWY, TWY, Apron   |
| 3. | Remarks                     | -   |

**ESDF 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1.	Apron surface and strength	Apron ASPH PCN 45 F/B/X/T CIV apron
2.	Taxiway width, surface and strength	TWY A 18 m ASPH PCN 45 F/B/X/T Holding point on RWY 01 situated 200 m from centre line, close to apron. Not to be mistaken from RGL. TWY D 18 m ASPH PCN 29 F/B/X/T TWY W 7.5 m ASPH/GRASS PCN - TWY Y northern part 18 m ASPH PCN 29 F/B/X/T
3.	ACL, location and elevation	CIV apron 181 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

**ESDF 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	<table border="0"> <tr> <td style="vertical-align: top;">RWY 01/19:</td> <td style="vertical-align: top;">Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.</td> </tr> <tr> <td style="vertical-align: top;">TWY A:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL.</td> </tr> <tr> <td style="vertical-align: top;">D:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL.</td> </tr> <tr> <td style="vertical-align: top;">W:</td> <td style="vertical-align: top;">HLDG day marked. RGL.</td> </tr> <tr> <td style="vertical-align: top;">Y northern part:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL.</td> </tr> </table>	RWY 01/19:	Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.	TWY A:	CL, HLDG day marked. Edge lights, RGL.	D:	CL, HLDG day marked. Edge lights, RGL.	W:	HLDG day marked. RGL.	Y northern part:	CL, HLDG day marked. Edge lights, RGL.
RWY 01/19:	Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.											
TWY A:	CL, HLDG day marked. Edge lights, RGL.											
D:	CL, HLDG day marked. Edge lights, RGL.											
W:	HLDG day marked. RGL.											
Y northern part:	CL, HLDG day marked. Edge lights, RGL.											
3.	Stop bars	-										
4.	Remarks	RWY 01/19: Also MIL markings TWY A: Also MIL markings TWY D: Also MIL markings TWY Y northern part: Also MIL markings										

**ESDF 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					

## ESDF 2.11 METEOROLOGICAL INFORMATION PROVIDED

- |     |  |  |
|-----|--|--|
| 1.  | Associated MET Office  | STOCKHOLM/Arlanda                                      |
| 2.  | Hours of service<br>MET Office outside hours                           | H24  |
| 3.  | Office responsible for TAF preparation<br>Periods of validity          | STOCKHOLM/Arlanda<br>9 HR HO                           |
| 4.  | Type of landing forecast<br>Interval of issuance                       | Not issued   |
| 5.  | Briefing/consultation provided   | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc            |
| 6.  | Flight documentation<br>Language(s) used                               | TAF, METAR, SIGMET, Upper air winds<br>Swedish/English |
| 7.  | Charts and other information available for<br>briefing or consultation | SWC, WC, Nordic SIGWX Chart, Low level forecast        |
| 8.  | Supplementary equipment available for<br>providing information         | -  |
| 9.  | ATS units provided with information                                    | RONNEBY TMC<br>RONNEBY TWR                             |
| 10. | Additional information (limitation of service,<br>etc.)                | Flight planning room available.                        |

## ESDF 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	008.69° GEO 004° MAG	2331 x 45	PCN 50 F/B/X/T ASPH	561524.95N 0151545.17E  GUND 109 ft	THR 181.3 ft
19	188.69° GEO 184° MAG	2331 x 45	PCN 50 F/B/X/T ASPH	561639.45N 0151605.63E  GUND 109 ft	THR 188.2 ft TDZ 191 ft

  

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
01 See ESDF AOC	-	-	2451 x 300	-	MIL marker boards 600 m from RWY end. Grass strip 757x46 m W and parallel to beginning RWY 01. Distance from edge 64 m. Arresting net beyond THR 19
19 See ESDF AOC	-	-	2451 x 300	-	MIL marker boards 600 m from RWY end. Arresting net beyond THR 01.

## ESDF 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2331	2331	2331	2331	-
19	2331	2331	2331	2331	Intermediate distances, see ESDF-3-1

## ESDF 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 600 m LIL/LIH	Green	PAPI Left/3.25° (59.0 ft)	-	-	2331/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
19	Barrette CL CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (71.2 ft)	-	-	2331/60 m White Caution zone 600 m yellow LIL/LIH	Red	-

10 Remarks: RWY 01: EFAS 600-360 m before THR.  
RWY 19: EFAS 900-660 m before THR.

## ESDF 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- |   |   |
|---|---|
| 1. ABN/IBN location, characteristics and hours of operation | -   |
| 2. LDI location and LGT<br>Anemometer location and LGT      | Windsock 200 m NE RWY mid point<br>200 m NE RWY mid point |
| 3. TWY edge and centre line lighting                        | Edge: TWY A, D, Y northern part<br><br>CL: -              |
| 4. Secondary power supply/switch-over time                  | Available/10 sec  |
| 5. Remarks  | -   |

## ESDF 2.16 HELICOPTER LANDING AREA

RWY 01/19 to be used.

## ESDF 2.17 ATS AIRSPACE

1.	Designation and lateral limits	RONNEBY CTR	562827N 0150915E - 562701N 0152830E - 561208N 0152453E - 560617N 0151955E - 560716N 0150654E - 561332N 0150552E - 562827N 0150915E
2.	Vertical limits	RONNEBY CTR	1500 ft AMSL <u>          </u> GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	RONNEBY TOWER Swedish/English	
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	CTR established during hours of TWR.	

## ESDF 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	RONNEBY TOWER	119.200 MHz	HO	Primary FREQ VDF
		121.500 MHz	HO	VDF
	RONNEBY GROUND	121.700 MHz	MON-THU 0730- 1500 (0630-1400)	-
TMC/APP	RONNEBY CONTROL	128.450 MHz	HO	-
		129.900 MHz	HO	-
PAR	RONNEBY PRECISION	120.000 MHz	MON-THU 0630- 1500 (0530-1400) FRI 0630-1100 (0530-1000) 15 SEP-1 APR also TUE 1500-2100 (1400-2000)	-
		134.100 MHz	MON-THU 0630- 1500 (0530-1400) FRI 0630-1100 (0530-1000) 15 SEP-1 APR also TUE 1500-2100 (1400-2000)	Primary FREQ

## ESDF 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 01	LF	380 kHz	H24	561142.4N 0151449.8E		Range 25 NM
LOC 19 ILS CAT I (5° E 2015)	DF	110.70 MHz	H24	561515.7N 0151542.6E		291 m beyond THR 01 ILS Class I/E/2
GP		330.20 MHz		561626.6N 0151555.2E		Angle 3.0° RDH 72 ft 421 m past THR 19 right side
OM				562023.2N (*) 0151709.7E		-
MM				561713.0N 0151614.8E		-
L 19	LP	318 kHz	H24	562023.2N 0151709.7E		Range 25 NM
DME	RON	109.20 MHz	H24	561515.4N 0151548.9E	197 ft	DME channel 29X

## ESDF 2.20 LOKALA TRAFIKFÖRESKRIFTER

Tillstånd för motorstart, taxi- och klarering begärs på "Ground" 121.700 Mhz.

## LOCAL TRAFFIC REGULATIONS

Request for engine-start, taxi and clearance shall be made on "Ground" 121.700 Mhz.

## ESDF 2.21 MINSKNING AV BULLERSTÖRNING

NIL

## NOISE ABATEMENT PROCEDURES

NIL

## ESDF 2.22 FLYGPROCEDURER

1. Ankommande trafik IFR

Flygvägar  
STAR är upprättade enligt sid ESDF-4-3.

2. Startprocedurer, omnidirectional

## FLIGHT PROCEDURES

1. Inbound traffic IFR

Routes  
STARs established in accordance with page ESDF-4-3.

2. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
01	Climb straight ahead to MNM turning ALT 700 ft. Continue climb to appropriate MSA.	Tree (CIO)	296	015°/3200
19	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	Tree (CIO)	225	183°/2850

## 3. Start MIL jet

RWY19:  
Standard Departure 220°. Vid passage av järnväg söder om banan, högersväng till 220° därefter enligt klarering.

RWY 01:  
Standard Departure 030°. Vid passage av banände, högersväng till 030°, därefter enligt klarering.

## 4. Lågsiktsprocedurer (LVP) etablerade

LVP träder i kraft när bansynvidden (RVR) är lägre än 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.

Meddelande om att LVP är i kraft lämnas av ATS.

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

## 5. VFR-flygning inom Ronneby TMA/CTR

Normala in- och utpasseringspunkter  
Se ESDF 6-1

Väntlägen  
Se ESDF 6-1

Avbrott i radioförbindelse  
Se ESDF 6-1

## 3. Take-off MIL jet

RWY 19:  
Standard Departure 220°. When passing railway south of RWY turn right to 220° and follow ATC clearance.

RWY 01:  
Standard Departure 030°. When passing end of RWY turn right to 030° and follow ATC clearance.

## 4. Low visibility procedures (LVP) established

LVP will be in force when RVR is below 550 m or ceiling or vertical visibility is below 200 ft.

The application of LVP will be announced by ATS.

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

## 5. VFR flight within Ronneby TMA/CTR

Normal entry and exit points  
See ESDF 6-1

Holdings  
See ESDF 6-1

Communication failure  
See ESDF 6-1

**ESDF 2.23 ÖVRIG INFORMATION**

NIL

**ADDITIONAL INFORMATION**

NIL

**ESDF 2.24 TILLHÖRANDE KARTOR**

AD chart	
AOC	RWY 01/19
Area Chart	TMA
STAR	RWY 19
ATC Surveillance Minimum ALT chart	
IAC	ILS or LOC RWY 19
IAC	PAR RWY 19
IAC	NDB RWY 19
IAC	PAR RWY 01
IAC	NDB RWY 01
VAC	

**RELATED CHARTS**

ESDF 2-1  
ESDF-3-1  
ESDF 4-1  
ESDF-4-3  
ESDF 4-91  
ESDF-5-1  
ESDF-5-2  
ESDF-5-3  
ESDF-5-5  
ESDF-5-6  
ESDF 6-1