

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
F17 Ronneby
SE-372 25 Ronneby
TEL: +46 (0)457 47 10 00
+46 (0)457 47 24 85, +46 (0)721 87 78 32 (MIL OPS)
FAX: +46 (0)457 47 14 23 (MIL OPS)
E-mail: f17-milairporthandling@mil.se (MIL OPS)
CIV OPR: Swedavia AB
Ronneby Airport
SE-372 92 Ronneby
TEL: +46 (0)10 109 54 00
FAX: +46 (0)457 245 84
E-mail: ronnebyairport@swedavia.se
AFS: ESDFZTZ
Website: www.ronnebyairport.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4D |
| 8. | Remarks | PPR outside TWR hours.
MIL PPR. Foreign state ACFT, diplomatic clearance required |

ESDF 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration
AD Operating hours | MON-FRI 0600-1430 (0500-1330)
MON-FRI 0415-2200 (0315-2100), SAT 0600-1200 (0500-1100),
SUN 1100-2200 (1000-2100) |
| 2. | Customs and immigration | O/R TEL +46 (0)40 661 32 20
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
Passengerhandling 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
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: Stationary unit 110,000 l, 600 l/min
100LL: Stationary unit 20,000 l, 140 l/min |
| 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
TEL +46 (0)10 109 55 96, +46 (0)733 85 32 81,
FAX +46 (0)457 245 85
For payment of fuel only major credit cards or BP-carnet
accepted (no cash).
Self-service available with BP-carnet (only 100LL).
Passenger handling by Swedavia
rnb.groundhandling@swedavia.se, TEL +46 (0)10 109 54 00 |

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
MET Office outside hours | H24 |
| 3. | Office responsible for TAF preparation
Periods of validity, interval of issuance | STOCKHOLM/Arlanda
9 HR, https://tafportalen.smhi.se/app.php/production-program |
| 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 | RONNEBY TWR
RONNEBY TMC |
| 10. | Additional information (limitation of service,
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. 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 900 m LIL/LIH	Green	PAPI Left/3.00° (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
Anemometer location and LGT Windsock 200 m NE RWY mid point
200 m NE RWY mid point
3. TWY edge and centre line lighting
Edge: TWY A, D, Y northern part
CL: -
4. Secondary power supply/switch-over time Available/10 sec. During LVP without interruption.
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 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	121.850 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 0730- 1500 (0630-1400) FRI 0730-1100 (0630-1000) 15 SEP-1 APR also THU 1500-2100 (1400-2000)	-
		134.100 MHz	MON-THU 0730- 1500 (0630-1400) FRI 0730-1100 (0630-1000) 15 SEP-1 APR also THU 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
LOC 01 ILS CAT I (5° E 2015)	NDF	108.30 MHz	HO	561649.3N 0151608.4E		310 m beyond THR 19 ILS Class I/D/2
GP		334.10 MHz	HO	561535.1N 0151540.9E		Angle 3.0° RDH 51 ft 299 m past THR 01 left side
L 01	LF	380 kHz	HO	561142.4N 0151449.8E		Range 25 NM
LOC 19 ILS CAT I (5° E 2015)	DF	110.70 MHz	HO	561515.7N 0151542.6E		291 m beyond THR 01 ILS Class I/E/2
GP		330.20 MHz	HO	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	HO	562023.2N 0151709.7E		Range 25 NM
DME	NDF	108.30 MHz	HO	561535.1N 0151541.1E	179 ft	DME channel 20X
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" 121.850 MHz.

LOCAL TRAFFIC REGULATIONS

Request for engine-start, taxi and clearance shall be made on "Ground" 121.850 MHz.

ESDF 2.21 MINSKNING AV BULLERSTÖRNING

NADP 1 guideprofil eller NADP enligt operatör.

Luftfartyg överstigande 5700 kg MTOM bör undvika överflygning av Kallinge och Ronneby på lägre höjd än 3000 ft AMSL i enlighet med miljötillståndet.

Start RWY 19, då avsikten är vänstersväng efter start: Bullerminskande startprocedur (NADP) bör tillämpas av alla luftfartyg. Vänster sväng bör tidigast påbörjas på 3000 ft AMSL, om inte ATC medger annat.

NOISE ABATEMENT PROCEDURES

NADP 1 guidance profile or operators NADP.

Aircraft exceeding 5700 kg MTOM should avoid overflying of Kallinge and Ronneby below 3000 ft AMSL in accordance with the environmental permit.

Departure RWY 19 when left turn is intended: Noise Abatement Departure Procedure (NADP) should apply to all aircraft. Left turn should not be initiated before reaching 3000 ft AMSL, unless an ATC approval.

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. MIL JET Utflygning

Tillämpas vid start/ studs och gå/omdrag

Standard utflygning 030° (RWY 01):
Stig rakt fram med en stigvinkel 3° - 5° till Sväng Punkten (TP01). Vid TP01 sväng höger till kurs 030°. Fortsätt stigning med stigvinkel minimum 5°. Följ ATC färdtillstånd.

Definition av TP 01:

Distans 0.7 NM från ARP eller

Distans 1.4 NM från DME RON eller
Banslutet

Standard utflygning 220° (RWY 19):

Stig rakt fram med en stigvinkel 3° - 5° till Sväng Punkten (TP19). Vid TP19 sväng höger till kurs 220°. Fortsätt stigning med stigvinkel minimum 5°. Följ ATC färdtillstånd.

Definition av TP 19:

Distans 1.0 NM från ARP eller

Distans 0.2 NM från DME RON förbi RON eller
Banslutet

MIL JET: Fart 380 kt under utflygningen i TMA, om inget annat sägs.

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

ESDF 2.23 ÖVRIG INFORMATION

NIL

3. MIL JET Departure

Applicable to take-off / touch and go landing /go

Standard departure 030° (RWY 01):

Climb straight ahead with a climb angle of 3° - 5° to Turning Point (TP01). At TP01 turn right to HDG 030°. Continue climb with a minimum climb angle of 5°. Follow ATC clearance.

Definition of TP 01:

Distance 0.7 NM from ARP or

Distans 1.4 NM from DME RON or
Runway end

Standard departure 220° (RWY 19):

Climb straight ahead with a climb angle of 3° - 5° to Turning Point (TP19). At TP19 turn right to HDG 220°. Continue climb with a minimum climb angle of 5°. Follow ATC clearance.

Definition of TP 19:

Distance 1.0 NM from ARP or

Distans 0.2 NM from DME RON past RON or
Runway end

MIL JET: speed 380 kt during departure in TMA, unless otherwise prescribed.

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

ADDITIONAL INFORMATION

NIL

ESDF 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart		ESDF 2-1
AOC	RWY 01/19	ESDF-3-1
Area chart	(TMA)	ESDF 4-1
List of waypoints and significant points		ESDF 4-3
STAR	RWY 19	ESDF 4-5
ATC Surveillance		ESDF 4-91
Minimum ALT chart		
IAC	ILS or LOC RWY 19	ESDF-5-1
IAC	PAR RWY 19	ESDF-5-2
IAC	NDB RWY 19	ESDF-5-3
IAC	ILS or LOC RWY 01	ESDF-5-5
IAC	PAR RWY 01	ESDF-5-6
IAC	NDB z RWY 01	ESDF-5-7
IAC	NDB y RWY 01	ESDF-5-8
VAC		ESDF 6-1