

AD 2 AERODROMES**ESTL 2.1 AERODROME LOCATION INDICATOR AND NAME****ESTL – LJUNGBYHED****ESTL 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	560507N 0131225E RWY 11L/29R centre point
2.	Direction and distance from (city)	W 1 NM from Ljungbyhed
3.	Elevation/Reference temperature	139 ft/+22.0°C
4.	Geoid undulation at AD ELEV PSN	120 ft
5.	MAG VAR/Annual change	4° E 2020/+0.2 increasing
6.	Administration, address, telephone, fax, AFS	Ljungbyheds Flygplats Ulanvägen 6 SE-264 51 Ljungbyhed TEL: - E-mail: flygplatsen@estl.eu AFS: ESTLZTZX Website: www.ljungbyhedpark.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 2C
8.	Remarks	PPR for all flights.

ESTL 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	MON-FRI 0700-1500 (0600-1400) As ATS
2.	Customs and immigration	-
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	-
9.	Handling	-
10.	Security	-
11.	De-Icing	-
12.	Remarks	Increased charges outside TWR HR of OPS

ESTL 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|-----------------|
| 1. | Cargo-handling facilities | - |
| 2. | Fuel/oil types | Fuel -
Oil - |
| 3. | Fuelling facilities/discharge capacity | - |
| 4. | De-icing facilities | - |
| 5. | Hangar space for visiting ACFT | - |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | - |

ESTL 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|---------------------------|
| 1. | Hotels | In Ljungbyhed and Klippan |
| 2. | Restaurants | At AD |
| 3. | Transportation | Taxis |
| 4. | Medical facilities | In Ljungbyhed and Klippan |
| 5. | Bank and Post Office | In Ljungbyhed and Klippan |
| 6. | Tourist Office | In Klippan |
| 7. | Remarks | - |

ESTL 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|------------------------------------|
| 1. | AD category for fire fighting | - |
| 2. | Rescue equipment | - |
| 3. | Capability for removal of disabled aircraft | By arrangement +46 (0)435 44 55 13 |
| 4. | Remarks | - |

ESTL 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Snowploughs, blowers, sweepers, spreaders |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | RWY de-iced/anti-iced with UREA |

ESTL 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron 1 CONC PCN - Apron 2 CONC PCN - Apron 3 CONC PCN - Apron 4 CONC PCN - Apron 5 CONC PCN -
2.	Taxiway width, surface and strength	TWY A 8 m CONC PCN - TWY B 10 m CONC+ASPH PCN - TWY C 8 m CONC PCN - TWY D 10 m CONC PCN - TWY E 10 m CONC PCN - TWY F 10 m CONC PCN - TWY H 8 m ASPH PCN - TWY J 4.8 m ASPH PCN - TWY K 8 m CONC PCN - TWY Y 8 m CONC+ASPH PCN -
3.	ACL, location and elevation	Apron 139 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESTL 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.																																				
2.	RWY and TWY markings and LGT	<table border="0"> <tr> <td style="vertical-align: top;">RWY</td> <td style="vertical-align: top;">11L/29R:</td> <td style="vertical-align: top;">Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL</td> </tr> <tr> <td></td> <td style="vertical-align: top;">11R/29L:</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</td> <td style="vertical-align: top;">A:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL</td> </tr> <tr> <td></td> <td style="vertical-align: top;">B:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL</td> </tr> <tr> <td></td> <td style="vertical-align: top;">C:</td> <td style="vertical-align: top;">CL, HLDG day marked.</td> </tr> <tr> <td></td> <td style="vertical-align: top;">D:</td> <td style="vertical-align: top;">CL, HLDG day marked.</td> </tr> <tr> <td></td> <td style="vertical-align: top;">E:</td> <td style="vertical-align: top;">CL, HLDG day marked.</td> </tr> <tr> <td></td> <td style="vertical-align: top;">F:</td> <td style="vertical-align: top;">CL, HLDG day marked.</td> </tr> <tr> <td></td> <td style="vertical-align: top;">H:</td> <td style="vertical-align: top;">CL day marked.</td> </tr> <tr> <td></td> <td style="vertical-align: top;">J:</td> <td style="vertical-align: top;">CL, HLDG day marked. RGL</td> </tr> <tr> <td></td> <td style="vertical-align: top;">K:</td> <td style="vertical-align: top;">CL day marked. Edge lights</td> </tr> <tr> <td></td> <td style="vertical-align: top;">Y:</td> <td style="vertical-align: top;">CL, HLDG day marked. Edge lights, RGL</td> </tr> </table>	RWY	11L/29R:	Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL		11R/29L:	Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL	TWY	A:	CL, HLDG day marked. Edge lights, RGL		B:	CL, HLDG day marked. Edge lights, RGL		C:	CL, HLDG day marked.		D:	CL, HLDG day marked.		E:	CL, HLDG day marked.		F:	CL, HLDG day marked.		H:	CL day marked.		J:	CL, HLDG day marked. RGL		K:	CL day marked. Edge lights		Y:	CL, HLDG day marked. Edge lights, RGL
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3.	Stop bars	-																																				
4.	Remarks	-																																				

ESTL 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
ESTL1	Shrub	560440.9N 0131244.6E	151 / -	-	-
ESTL2	Shrub	560439.0N 0131252.8E	161 / -	-	-
ESTL3	Forest	560436.3N 0131256.8E	178 / -	-	-
ESTL4	Forest	560434.7N 0131303.3E	189 / -	-	-
ESTL5	Forest	560434.8N 0131304.6E	191 / -	-	-
ESTL6	Forest	560433.8N 0131304.7E	202 / -	-	-
ESTL7	Forest	560433.0N 0131305.4E	206 / -	-	-
ESTL8	Forest	560429.8N 0131343.0E	236 / -	-	-
ESTL9	Shrub	560509.2N 0131050.3E	134 / -	-	-
ESTL10	Forest	560516.5N 0131046.0E	141 / -	-	-
ESTL11	Forest	560517.4N 0131042.7E	145 / -	-	-
ESTL12	Forest	560514.1N 0131029.5E	154 / -	-	-
ESTL13	Forest	560522.1N 0131029.1E	161 / -	-	-
ESTL14	Forest	560522.5N 0131029.3E	165 / -	-	-
ESTL15	Forest	560515.4N 0131015.4E	180 / -	-	-

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

ESTL 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://tafplanner.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 | LJUNGBYHED APP
LJUNGBYHED TWR |
| 10. Additional information (limitation of service,
etc.) | - |

ESTL 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
11L	113.04° GEO 109° MAG	1998 x 40	PCN 25 R/B/X/T ASPH	560518.61N 0131133.02E GUND 119 ft	THR 126 ft
29R	293.06° GEO 289° MAG	1998 x 40	PCN 25 R/B/X/T ASPH	560453.31N 0131319.36E GUND 119 ft	THR 139 ft
11R	113.86° GEO 110° MAG	1986 x 40	PCN 25 R/B/X/T CONC+ASPH	560511.45N 0131052.36E GUND 119 ft	THR 123 ft
29L	293.89° GEO 290° MAG	1986 x 40	PCN 25 R/B/X/T CONC+ASPH	560445.46N 0131237.35E GUND 119.3 ft	THR 136.1 ft TDZ 136.1 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
11L	-	-	2130 x 150	-	Non instrument
29R	-	-	2130 x 150	-	Non instrument
11R See ESTL AOC	-	-	2109 x 150	-	-
29L See ESTL AOC	-	-	2109 x 150	-	-

ESTL 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
11L	1998	1998	1998	1998	-
29R	1998	1998	1998	1998	-
11R	1986	1986	1986	1986	-
29L	1986	1986	1986	1986	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	Remarks
1	2	3	4	5	6
11L	TWY D	1643	1643	1643	-
11R	TWY A	1633	1633	1633	-
11R	TWY J	1148	1148	1148	-

ESTL 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
11R	-	Green	APAPI Left/3.00°	-	-	1986/60 m White Caution zone 600 m yellow LIH	Red	-
29L	Calvert CAT I 750 m LIL/LIH	Green WBAR	PAPI Left/3.00° (57.4 ft)	-	-	1986/60 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks: RWY 29L: APAPI
Left/2.86° (back-up)

ESTL 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 350 m past THR 11R right side,
550 m E THR 29L
3. TWY edge and centre line lighting Edge: TWY A, B, K, Y
CL: -
LED lights on all RGL

4. Secondary power supply/switch-over time Available/15 sec
5. Remarks -

ESTL 2.16 HELICOPTER LANDING AREA

RWY 11R/29L to be used

ESTL 2.17 ATS AIRSPACE

1. Designation and lateral limits LJUNGBYHED CTR 560918N 0130132E - 560730N 0131850E -
560503N 0132709E - 555903N 0132130E -
560130N 0130750E - 560514N 0125857E -
560918N 0130132E
2. Vertical limits LJUNGBYHED CTR 1500 ft AMSL
GND
3. Airspace classification C
4. ATS unit call sign LJUNGBYHED TOWER
Language(s) Swedish/English
5. Transition altitude 5000 ft AMSL
6. Remarks CTR established during hours of TWR.

ESTL 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	LJUNGBYHED TOWER	130.705	HO	Primary channel
		129.705	HX	-
		121.500	HO	-
	LJUNGBYHED GROUND	121.655	HX	Taxi freq
APP	LJUNGBYHED APPROACH	129.555	HO	-
ATIS	LJUNGBYHED ATIS	132.755	HO	-

ESTL 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 29L ILS CAT I (4° E 2020)	DA	108.55 MHz	H24 *	560518.9N 0131022.3E		569 m beyond THR 11R
GP		329.75 MHz	H24 *	560453.0N 0131224.1E		Angle 3.0° RDH 50.9 ft 303 m past THR 29L right side
VOR/DME (4° E 2020)	LJU	113.40 MHz	H24 *	560459.2N 0131204.5E	144 ft	DME channel 81X
DME	DA	108.55 MHz	H24 *	560453.1N 0131224.2E	169 ft	303 m past THR 29L right side. DME channel 22Y

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

ESTL 2.20 LOKALA TRAFIKFÖRESKRIFTER

- 1 Högervarv tillämpas när RWY 29L/R är i användning.
- 2 Flygtrafik utanför ATS öppethållning
 - Flygplatsens medgivande krävs för flygtrafik.
 - Start och landning får endast ske när sikten överstiger 800 m.
 - Ingen flygtrafik får förekomma i skymning och mörker.
 - All flygtrafik inom CTR ska blindsända sin avsikt på kanal 130.705.
 - Markfordon kan förekomma utan dubbelriktad flygradioförbindelse.

LOCAL TRAFFIC REGULATIONS

- 1 Right hand traffic circuit when RWY 29L/R is in use.
- 2 Air traffic outside ATS hours of operation
 - Aerodrome consent is required for all traffic.
 - Take-off or landing may only take place when visibility exceeds 800 m.
 - No traffic may take place during twilight and darkness.
 - All traffic within the CTR must transmit their intention on channel 130.705.
 - Ground vehicles can occur without two-way VHF communication.

ESTL 2.21 MINSKNING AV BULLERSTÖRNING

Full banlängd skall användas vid start RWY 29L för att undvika bullerstörningar.

NOISE ABATEMENT PROCEDURES

Full runway length shall be used for departure RWY 29L to avoid noise disturbance.

ESTL 2.22 FLYGPROCEDURER

- 1 Startprocedurer, omnidirectional

FLIGHT PROCEDURES

- 1 Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
11R	Climb straight ahead to MNM turning ALT 800 ft. Continue climb to appropriate MSA.	Antenna CIO exists	853	210°/3398
29L	Climb straight ahead to MNM turning ALT 900 ft. Continue climb to appropriate MSA.	Antenna CIO exists	828	251°/4256

- 2 VFR-flygning inom Ljungbyhed CTR

Normala in- och utpasseringspunkter
Se ESTL 6-1

Väntlägen
Se ESTL 6-1

Avbrott i radioförbindelse
Se ESTL 6-1

- 2 VFR flight within Ljungbyhed CTR

Normal entry and exit points
See ESTL 6-1

Holdings
See ESTL 6-1

Communication failure
See ESTL 6-1

ESTL 2.23 ÖVRIG INFORMATION

Flygplatsen är ej tillgänglig när RVR understiger 800 m.

ADDITIONAL INFORMATION

Aerodrome is not available when RVR is less than 800 m.

ESTL 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart		ESTL 2-1
AOC	RWY 11R/29L	ESTL 3-1
Area chart	(TMA)	ESTL 4-1
List of waypoints and significant points		ESTL 4-3
SID	RWY 11R	ESTL 4-5
SID	RWY 29L	ESTL 4-7
STAR	RWY 11R	ESTL 4-9
STAR	RWY 29L	ESTL 4-11
ATC Surveillance		ESTL 4-91
Minimum ALT chart		
IAC	ILS or LOC RWY 29L	ESTL 5-1
IAC	VOR RWY 29L	ESTL 5-2
IAC	VOR RWY 11R	ESTL 5-3
IAC	RNP RWY 11R (Cat A/B)	ESTL 5-5
IAC	RNP RWY 29L (Cat A/B)	ESTL 5-9
VAC		ESTL 6-1