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/+18.5°C
4.	Geoid undulation at AD ELEV PSN	120 ft
5.	MAG VAR/Annual change	3° E 2015/+0.1 increasing
6.	Administration, address, telephone, fax, AFS	Ljungbyheds Flygplats Ulanvägen 6 SE-260 70 Ljungbyhed TEL: +46 (0)435 44 55 00 FAX: +46 (0)435 44 55 04 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 0630-1530 (0530-1430) H24
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	O/R
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	CAT 2 O/R
2.	Rescue equipment	By arrangement, MIL equipment
3.	Capability for removal of disabled aircraft	By arrangement, MIL equipment
4.	Remarks	-

ESTL 2.7 SEASONAL AVAILABILITY – CLEARING

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

ESTL 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron 2 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 ASPH/CONC 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 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	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
3.	Stop bars	-		
4.	Remarks	-		

ESTL 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					

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	STOCKHOLM/Arlanda 9 HR HO
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 TMC 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	113.00° GEO 110° MAG	2010 x 40	PCN 25 R/B/X/T ASPH	560518.69N 0131132.70E GUND 120 ft	THR 126 ft
29R	293.10° GEO 290° MAG	2010 x 40	PCN 25 R/B/X/T ASPH	560453.24N 0131319.68E GUND 120 ft	THR 139 ft
11R	113.90° GEO 111° MAG	1989 x 40	PCN 25 R/B/X/T CONC+ASPH	560511.48N 0131052.27E GUND 120 ft	THR 122 ft
29L	293.90° GEO 291° MAG	1989 x 40	PCN 25 R/B/X/T CONC+ASPH	560445.44N 0131237.46E GUND 120 ft	THR 136.2 ft TDZ 136 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	2010	2010	2010	2010	-
29R	2010	2010	2010	2010	-
11R	1989	1989	1989	1989	-
29L	1989	1989	1989	1989	-

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/2.86°	-	-	1989/60 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)	-	-	1989/60 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/8 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 Language(s)	LJUNGBYHED TOWER 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	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	LJUNGBYHED TOWER	130.700 MHz	HO	Primary FREQ
		129.700 MHz	HX	-
		121.500 MHz	HO	-
	LJUNGBYHED GROUND	121.650 MHz	HX	Taxi freq
TMC	LJUNGBYHED CONTROL	129.550 MHz	HO	-
ATIS	LJUNGBYHED ATIS	132.750 MHz	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 (3° E 2015)	DA	111.70 MHz	H24	560518.9N 0131022.3E		567 m beyond THR 11R
GP		333.50 MHz	H24	560453.0N 0131224.1E		Angle 3.0° RDH 51 ft 306 m past THR 29L right side
OM				560303.1N 0131930.5E		-
MM				560431.7N 0131333.2E		-
VOR/DME (3° E 2015)	LJU	113.40 MHz	H24	560459.1N 0131204.0E	154 ft	DME channel 81X

ESTL 2.20 LOKALA TRAFIKFÖRESKRIFTER

Högervarv tillämpas när RWY 29L/R är i användning.

LOCAL TRAFFIC REGULATIONS

Right hand traffic circuit when RWY 29L/R is in use.

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.	Pylon	820	225°/3425
29L	Climb straight ahead to MNM turning ALT 900 ft. Continue climb to appropriate MSA.	Terrain Terrain	590 689	284°/9350 262°/9375

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

NIL

ADDITIONAL INFORMATION

NIL

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
SID and STAR	11R	ESTL-4-3
SID and STAR	29L	ESTL-4-5
ATC Surveillance Minimum ALT chart		ESTL 4-91
IAC	VOR/DME+ILS 29L	ESTL-5-1
IAC	VOR/DME 29L	ESTL-5-2
IAC	VOR/DME 11R	ESTL-5-3
VAC		ESTL 6-1