AD 2 AERODROMES

ESMT 2.1 AERODROME LOCATION INDICATOR AND NAME

ESMT – HALMSTAD

ESMT 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	564127N 0124912E RWY centre point
2.	Direction and distance from (city)	NW 1 NM from Halmstad
3.	Elevation/Reference temperature	101 ft/+23.5°C
4.	Geoid undulation at AD ELEV PSN	120 ft
5.	MAG VAR/Annual change	4° E 2020/+0.1 increasing
6.	Administration, address, telephone, fax, AFS	Halmstad City Airport Trehjärtansväg 12 SE-302 41 Halmstad TEL: +46 (0)35 18 26 00 FAX: +46 (0)35 18 26 09 E-mail: halmstadcityairport@halmstad.se AFS: ESMTZTZX Website: www.halmstadsflygplats.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4D
8.	Remarks	PPR outside TWR HR of OPS. Request shall be made during hours of AD administration TEL +46 (0)35 18 26 00. PPR for IFR school and training flights at all times. PPR for VFR flights planning to carry out repeated TGL. Requests shall be made during TWR HR of OPS TEL +46 (0)35 21 16 82.

ESMT 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	MON-FRI 0600-1500 (0500-1400) As ATS
2.	Customs and immigration	O/R TEL +46 (0)31 63 38 00
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 ATS
9.	Handling	O/R
10.	Security	O/R
11.	De-Icing	O/R
12.	Remarks	Increased charges outside TWR HR of OPS

ESMT 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	O/R
2.	Fuel/oil types	Fuel Jet A1, 100LL, 91 UL Oil -
3.	Fuelling facilities/discharge capacity	Jet A1: 140,000 l 100LL: 20,000 l 91 UL: 10,000 l
4.	De-icing facilities	Available, Type I and II, mobile unit
5.	Hangar space for visiting ACFT	-
6.	Repair facilities for visiting ACFT	-
7.	Remarks	Fuel supplier AirBP

ESMT 2.5 PASSENGER FACILITIES

1.	Hotels	In Halmstad
2.	Restaurants	In Halmstad
3.	Transportation	Taxis, rental cars
4.	Medical facilities	In Halmstad
5.	Bank and Post Office	In Halmstad
6.	Tourist Office	In Halmstad
7.	Remarks	-

ESMT 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Cat 6 higher O/R
2.	Rescue equipment	By arrangement
3.	Capability for removal of disabled aircraft	Contact aerodrome coordinator +46 (0)70 840 53 33.
4.	Remarks	-

ESMT 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Snowploughs, blowers, sweepers, slinger, spreaders
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	RWY 01/19 de-iced/anti-iced with KFOR or SAND

ESMT 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron 1 ASPH PCN 45 F/C/X/T Apron CIV ASPH PCN 45 F/C/X/T Apron EAST CONC PCN 45 F/C/X/T
2.	Taxiway width, surface and strength	TWY A 10 m CONC PCN 25 F/C/X/T TWY C 23 m ASPH PCN 45 F/C/X/T TWY D 15 m CONC PCN 25 F/C/X/T TWY F 10 m CONC PCN 25 F/C/X/T TWY M 15 m ASPH PCN 45 F/C/X/T TWY N 15 m ASPH PCN 45 F/C/X/T TWY W 7.5 m ASPH+GRASS PCN -
3.	ACL, location and elevation	Apron C 63 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	50% higher ACN accepted occasionally on TWY and Apron

ESMT 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, TDZ, CL and edges are day marked RTHL, REDL, RENL, RCLL.
		TWY A:	CL day marked. Edge lights
		C:	CL, HLDG day marked. Edge lights, RGL
		D:	CL, HLDG day marked. Edge lights, RGL
		F:	CL, HLDG day marked. Edge lights, RGL
		M:	CL, HLDG day marked. Edge lights, RGL
		N:	CL day marked. Edge lights
		W:	CL day marked
3.	Stop bars	-	
4.	Remarks	-	

ESMT 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
ESMT1	TREE	564255.0N 0124936.6E	148 / -	-	-
ESMT2	TOWER	564306.3N 0124917.4E	171 / -	-	-
ESMT3	TOWER	564310.4N 0124927.3E	177 / -	-	-
ESMT4	TREE	564330.6N 0124926.9E	229 / -	-	-
ESMT5	TREE	564335.7N 0124914.3E	251 / -	-	-
ESMT6	TREE	564348.3N 0124933.7E	273 / -	-	-
ESMT7	TREE	564348.8N 0124929.1E	276 / -	-	-
ESMT8	TREE	564350.5N 0124930.7E	282 / -	-	-
ESMT9	TREE	564457.9N 0124910.8E	444 / -	-	-
ESMT10	SIGN	564047.1N 0124907.6E	70 / -	-	-
ESMT11	NAVAID	564038.0N 0124902.8E	83 / -	-	-
ESMT12	ANTENNA	564037.7N 0124906.3E	88 / -	-	-
ESMT13	TREE	564035.1N 0124906.0E	91 / -	-	-
ESMT14	VEGETATION	564034.8N 0124903.3E	95 / -	-	-
ESMT15	TREE	564028.7N 0124910.9E	107 / -	-	-
ESMT16	TREE	564019.1N 0124849.6E	134 / -	-	-
ESMT17	TREE	564011.9N 0124851.4E	146 / -	-	-
ESMT18	TREE	564009.6N 0124845.6E	149 / -	-	-

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

ESMT 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	HALMSTAD TWR
10.	Additional information (limitation of service, etc.)	Flight planning room available

ESMT 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	006.20° GEO 002° MAG	2268 x 45	PCN 45 F/C/X/T ASPH	564051.49N 0124905.53E GUND 120 ft	THR 64 ft
19	186.20° GEO 182° MAG	2268 x 45	PCN 45 F/C/X/T ASPH	564204.39N 0124919.93E GUND 120.3 ft	THR 84.2 ft TDZ 102 ft
06	052.24° GEO 048° MAG	609 x 30	PCN - GRASS	564103.45N 0124825.93E GUND 120 ft	THR 62 ft
24	232.24° GEO 228° MAG	609 x 30	PCN - GRASS	564115.50N 0124854.21E GUND 120 ft	THR 70 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
01 See ESMT AOC	-	-	2388 x 280	-	50% higher ACN accepted occasionally
19 See ESMT AOC	-	-	2388 x 280	-	50% higher ACN accepted occasionally
06	-	-	-	-	-
24	-	-	-	-	-

ESMT 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2268	2268	2268	2268	-
19	2268	2268	2268	2268	-
06	609	609	609	609	-
24	609	609	609	609	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS						
RWY	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)		Remarks
1		2	3	4	5	6
01	TWY C	2232	2232	2232	-	-
01	TWY APRON EAST	2195	2195	2195	-	-
01	TWY M	1584	1584	1584	-	-

ESMT 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	SALS 420 m LIL/LIH	Green	PAPI Left/3.25° (55.8 ft)	-	2268/30 m 0-1368 m white 1368-1968 m white/red 1968-2268 m red LIH	2268/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
19	Barrette CL CAT I 885 m LIH	Green	PAPI Left/3.00° (50.8 ft)	-	2268/30 m 0-1368 m white 1368-1968 m white/red 1968-2268 m red LIH	2268/60 m White Caution zone 600 m yellow LIL/LIH	Red	-

10 Remarks:		
	RWY 01:	LED lights on THR LGT, RWY Centre Line LGT, RWY Edge LGT and RWY End LGT.
	RWY 19:	LED lights on THR LGT, RWY Centre Line LGT, RWY Edge LGT and RWY End LGT.

ESMT 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	Windsocks at PAPI 01/19 and N CIV Apron At GP 19 and NE THR 01, lighted
3.	TWY edge and centre line lighting	Edge: TWY A, C, D, F, M, N CL: -
4.	Secondary power supply/switch-over time	Available/15 sec, during LVP less than 1 sec.
5.	Remarks	-

ESMT 2.16 HELICOPTER LANDING AREA

RWY 01/19 to be used

ESMT 2.17 ATS AIRSPACE

1.	Designation and lateral limits	HALMSTAD CTR	565451N 0124411E - 565426N 0125705E - 564130N 0125822E - 563924N 0125755E - 563325N 0125212E - 563340N 0124432E - 564013N 0123945E - 564225N 0124017E - 565451N 0124411E
2.	Vertical limits	HALMSTAD CTR	2000 ft AMSL GND
3.	Airspace classification	C	
4.	ATS unit call sign Language(s)	HALMSTAD TOWER Swedish/English	
5.	Transition altitude	5000 ft AMSL	
6.	Remarks	CTR established during hours of TWR.	

ESMT 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	HALMSTAD TOWER	130.105	HO	Primary channel
		135.055	HO	-
		121.500	HO	-

ESMT 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	MF	421 kHz	H24 *	563908.9N 0124830.2E		Range 15 NM
LOC 19 ILS CAT I (4° E 2020)	MT	110.10 MHz	H24 *	564038.0N 0124902.9E		418 m beyond THR 01 ILS Class I/D/2
GP		334.40 MHz	H24 *	564155.5N 0124924.1E		Angle 3.0° RDH 50.9 ft 264 m past THR 19 left side.
L 19	LT	336 kHz	H24 *	564749.3N 0125032.2E		Range 25 NM
DME	MT	110.10 MHz	H24 *	564155.5N 0124924.3E	118 ft	Poor DME coverage below 3000 ft AMSL beyond 17 NM. DME channel 38X

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

ESMT 2.20 LOKALA TRAFIKFÖRESKRIFTER

1. Högervarv tillämpas när RWY 19 är i användning.

2. Upprepade instrumentinflygningar endast efter PPR.

3. På parkeringsplats får APU användas endast när så krävs för motorstart. APU får därvid inte startas tidigare än 15 min före beräknad tid för taxning.

4. Särskilda föreskrifter för IFR-trafik omkring stängning.
Senaste avgångstid för IFR-trafik är 15 MIN före stängning enligt tornets öppethållning.

LOCAL TRAFFIC REGULATIONS

1. Right hand traffic circuit when RWY 19 is in use.

2. PPR for repeated instrument approaches

3. APU must not be used on parking unless required for engine start. On these occasions APU must not be started earlier than 15 min before estimated time for taxiing.

4. Special regulations for IFR traffic around closing time.
Latest airborne time for IFR traffic should not be later than 15 MIN before closing time according to TWR HR of OPS.

ESMT 2.21 MINSKNING AV BULLERSTÖRNING

1. Över tättbebyggt område

Luftfartyg ska noggrant följa i klarering angiven flygväg samt i övrigt framföras så att onödiga bullerstörningar inte förosakas.

2. För avgående IFR-trafik med MTOM överstigande 5700 kg som inte följer SID gäller:
Efter start bana 19 utflygning via NDB MF innan sväng påbörjas.

3. Start bana 19 och landning bana 01 får endast ske när vindförhållanden eller andra säkerhetsskäl så kräver.

4. Visuellinflygning

Luftfartyg med MTOM överstigande 5700 kg skall bibehålla 2000 ft till final.

NOISE ABATEMENT PROCEDURES

1. Over built up areas

Aircraft shall strictly adhere to the assigned route and be operating in such manner that unnecessary noise are not caused.

2. For departing IFR-traffic with a MTOM exceeding 5700 kg and not cleard via SID the following applies:
After take-off RWY 19 turn must not be initiated until passing NDB MF.

3. Start RWY 19 and landing RWY 01 accepted only when wind conditions or other flight safety reasons so require.

4. Visual approach

Aeroplane with MTOM exceeding 5700 kg shall maintain 2000 ft until final.

ESMT 2.22 FLYGPROCEDURER

1. Flygvägar för ankommande och avgående trafik IFR
Se ESMT–4–3 till –4–12

2. Startprocedurer, omnidirectional

FLIGHT PROCEDURES

1. Arrival and departure routes IFR
See ESMT–4–3 through –4–12

2. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
01	Climb straight ahead with MNM 360 ft/NM (5.8%) to MNM turning ALT 1300 ft. Continue climb to appropriate MSA.	Pylon	1550	031°/14180
19	Climb straight ahead to MNM turning ALT 500 ft. Continue climb to appropriate MSA.	Mast (CIO) Pylon	180 1550	193°/3480 036°/12160

3. Lågsiktsprocedurer (LVP) etablerade

Minimum RVR för avgångstrafik är 350 m.

LVP träder ikraft när RVR är lägre än 550 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.

Meddelande om att LVP är ikraft lämnas av ATS.

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

4. VFR-flygning inom Halmstad CTR
Normala in- och utpasseringspunkter
Se ESMT 6–1

Väntlägen
Se ESMT 6–1

Avbrott radioförbindelse
Se ESMT 6–1.

3. Low visibility procedures (LVP) established

Minimum RVR for departures is 350 m.

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 only vehicles are allowed in the manoeuvring area.

4. VFR flight within Halmstad CTR
Normal entry and exit points
See ESMT 6–1

Holdings
See ESMT 6–1

Communication failure
See ESMT 6–1.

ESMT 2.23 ÖVRIG INFORMATION

1. Undantag från krav i CS-ADR-DSN:
- Längdlutningen får inte på någon del av banan överstiga 1.25 % när kodsiffran är 4, med undantag för banans första och sista fjärdedel där längdlutningen inte får överstiga 0.8 %. Sista fjärdedelen av banan lutar MAX 1.04 %.
- Längdlutningskravet (minsta krökningsradie på 30 000 m) för bansystem med kodsiffra 4 uppfylls inte för bana 01/19. Nuvarande krökningsradie är 10 000 m.
- Frisiktskravet uppfylls inte för bana 01/19. Rullbanans siktförhållanden med obruten siktlinje 3 m över banan till en annan punkt 3 m över banan respektive obruten siktlinje 1.5 m över banan till en annan punkt 1.5 m över banan inom 1000 m uppfylls inte.
- Hinder på hinderbegränsande ytor enligt hinderlistan.
- Höghus, Halmstad 9:173, genomtränger den horisontella ytan.

ADDITIONAL INFORMATION

1. Exemptions from requirements in CS-ADR-DSN:
- At no portion of the runway should the longitudinal slope exceed 1.25 % when the code number is 4, except for the first and last quarter of the length of the runway where the longitudinal slope should not exceed 0.8%. Slope for the last quarter of the runway is MAX 1.04%.
- Longitudinal slope requirements (minimum radius of curvature of 30 000 m) for RWY with code number 4 is not met for RWY 01/19. Current radius of curvature is 10 000 m.
- Unobstructed sight requirement for RWY 01/19 is not met. RWY unobstructed line of sight from any point 3 m above a runway to all other points 3 m above RWY and unobstructed line of sight from any point 1.5 m above a runway to all other points 1.5 m above RWY within 1000 m, is not met.
- Obstacles on the obstacle limitation surfaces according to the obstacle list.
- High-rise building, Halmstad 9:173, penetrates the horizontal surface.

ESMT 2.24 TILLHÖRANDE KARTOR — RELATED CHARTS

AD chart		ESMT 2-1
AOC	RWY 01/19	ESMT-3-1
Area chart	TMA	ESMT 4-1
List of Waypoints and significant points		ESMT 4-3
RNAV SID/STAR		ESMT 4-4
RNAV (GNSS) SID	RWY 01	ESMT 4-5
SID	RNAV (GNSS) RWY 19 VAKTA 4L	ESMT 4-7
RNAV (GNSS) STAR	RWY 01	ESMT 4-9
RNAV (GNSS) STAR	RWY 19	ESMT 4-11
ATC Surveillance Minimum ALT chart		ESMT 4-91
IAC	ILS z or LOC z RWY 19	ESMT 5-1
IAC	ILS y or LOC y RWY 19	ESMT 5-2
IAC	NDB RWY 19	ESMT 5-3
IAC	NDB z RWY 01	ESMT 5-4
IAC	NDB y RWY 01	ESMT 5-5
IAC	RNP RWY 01	ESMT 5-7
IAC	RNP RWY 19	ESMT 5-11
VAC		ESMT 6-1