

AD 2 AERODROMES**ESUT 2.1 AERODROME LOCATION INDICATOR AND NAME****ESUT – HEMAVAN TÄRNABY****ESUT 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	654822N 0150458E RWY centre point
2.	Direction and distance from (city)	SSW 0.5 NM from Hemavan
3.	Elevation/Reference temperature	1503 ft/+19.1°C
4.	Geoid undulation at AD ELEV PSN	107 ft
5.	MAG VAR/Annual change	7° E 2020/+0.2 increasing
6.	Administration, address, telephone, fax, AFS	Hemavan Tärnaby Airport Älvstigen SE-925 93 Hemavan TEL: +46 (0)954 305 30 E-mail: info@htairport.se AFS: ESUTZTZX Website: www.hemavantarnabyairport.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 3C
8.	Remarks	PPR request shall be made to www.hemavantarnabyairport.se

ESUT 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	HX O/R TEL +46 (0)954 305 30
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	O/R
9.	Handling	O/R
10.	Security	O/R
11.	De-Icing	O/R
12.	Remarks	Increased charges outside hours of scheduled operations

ESUT 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|--|
| 1. | Cargo-handling facilities | O/R |
| 2. | Fuel/oil types | Fuel Jet A1
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 30,000 l stationary pressure fuelling |
| 4. | De-icing facilities | Available, Type I and II, mobile unit |
| 5. | Hangar space for visiting ACFT | O/R |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | For payment of fuel major credit cards accepted. |

ESUT 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|---|
| 1. | Hotels | In Hemavan |
| 2. | Restaurants | In Hemavan |
| 3. | Transportation | Taxis |
| 4. | Medical facilities | In Tärnaby 20 km |
| 5. | Bank and Post Office | ATM in Tärnaby 20 km, Post Office in Hemavan 1 km |
| 6. | Tourist Office | In Hemavan 1 km |
| 7. | Remarks | - |

ESUT 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|---|
| 1. | AD category for fire fighting | CAT 5 for SKED TFC, CAT 6 O/R 24HR PN |
| 2. | Rescue equipment | Tracked vehicles, rescue boat |
| 3. | Capability for removal of disabled aircraft | Aerodrome Coordinator during AD Operating hours
TEL: +46 (0)703 33 07 49 |
| 4. | Remarks | During periods of reduced aerodrome activity, RFFS level of protection may be lowered to a level corresponding to the largest aircraft using the aerodrome during that period. Non-commercial operations and specialised operation below 5700 kg exempted or O/R. |

ESUT 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Snowplough, blower, sweeper, slinger, spreader |
| 2. | Clearance priorities | RWY, TWY, other rescue access roads, PAPI, ILS, Apron |
| 3. | Remarks | AD uses frozen SAND for treatment of RWY
No clearing SAT and outside TWR HR of OPS |

ESUT 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron ASPH PCN 19 F/B/X/T
2.	Taxiway width, surface and strength	TWY A 15 m ASPH PCN 19 F/B/X/T
3.	ACL, location and elevation	See ESUT 2-1
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESUT 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 15/33: Designator, THR, TDZ, CL and edges are day marked RTHL, REDL, RENL TWY A: CL, HLDG day marked. Edge lights, RGL
3.	Stop bars	-
4.	Remarks	-

ESUT 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
ESUT1	Pole	654755.9N 0150525.8E	1509 / -	-	-
ESUT2	Sign	654753.4N 0150530.1E	1510 / -	-	-
ESUT3	Vegetation	654736.7N 0150546.1E	1541 / -	-	-
ESUT4	Vegetation	654736.0N 0150548.2E	1544 / -	-	-
ESUT5	Vegetation	654737.8N 0150600.7E	1548 / -	-	-
ESUT6	Vegetation	654735.9N 0150607.1E	1552 / -	-	-
ESUT7	Vegetation	654735.6N 0150607.9E	1554 / -	-	-
ESUT8	Vegetation	654735.6N 0150614.3E	1599 / -	-	-
ESUT9	Vegetation	654721.2N 0150637.9E	1626 / -	-	-
ESUT10	Pole	654843.0N 0150436.4E	1510 / -	-	-
ESUT11	Pole	654843.6N 0150427.4E	1511 / -	-	-
ESUT12	Vegetation	654844.6N 0150421.5E	1516 / -	-	-
ESUT13	Vegetation	654844.9N 0150422.3E	1518 / -	-	-
ESUT14	Vegetation	654845.6N 0150422.2E	1519 / -	-	-
ESUT15	Vegetation	654849.0N 0150434.1E	1522 / -	-	-
ESUT16	Vegetation	654851.7N 0150426.9E	1530 / -	-	-
ESUT17	Vegetation	654854.0N 0150424.6E	1549 / -	-	-
ESUT18	Vegetation	654855.0N 0150425.0E	1555 / -	-	-

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

ESUT 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 | TAF not produced |
| 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 | 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 | HEMAVAN AFIS |
| 10. | Additional information (limitation of service,
etc.) | Flight planning room available |

ESUT 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
15	152.54° GEO 146° MAG	1445 x 30	PCN 24 F/B/X/T ASPH	654839.69N 0150435.37E GUND 107 ft	THR 1503 ft
33	332.56° GEO 326° MAG	1445 x 30	PCN 24 F/B/X/T ASPH	654758.27N 0150527.81E GUND 107.1 ft	THR 1502.5 ft TDZ 1503 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
15 Info not avbl.	-	-	1744 x 280	-	-
33 Info not avbl.	-	-	1744 x 280	-	-

ESUT 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
15	1594	1594	1594	1445	Including RWY starter extension 148 m
33	1593	1593	1593	1445	Including RWY starter extension 147 m

ESUT 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
15	-	Green	PAPI Left/3.50° (40.0 ft)	-	-	1445/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
33	Barrette CL CAT I 720 m LIL/LIH	Green	PAPI Left/3.00° (26.2 ft)	-	-	1445/60 m White Caution zone 600 m yellow LIL/LIH	Red	-

10 Remarks: -

ESUT 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 NW RWY centre point lighted, at RWY ends unlighted 96 m SW THR 15 lighted, 310 m NW THR 33 lighted
3. TWY edge and centre line lighting Edge: TWY A
CL: -
4. Secondary power supply/switch-over time Available/15 sec
5. Remarks -

ESUT 2.16 HELICOPTER LANDING AREA

RWY 15/33 to be used

ESUT 2.17 ATS AIRSPACE

1. Designation and lateral limits HEMAVAN TIZ/RMZ 655603N 0150308E - 653844N 0153053E - 653407N 0150913E - 655235N 0144659E - 655603N 0150308E
2. Vertical limits HEMAVAN TIZ/RMZ 1000 ft GND
GND
3. Airspace classification G
4. ATS unit call sign Language(s) HEMAVAN INFORMATION Swedish/English
5. Transition altitude 9000 ft AMSL
6. Remarks Continuous two-way radiocommunication required in TIZ/RMZ. TIZ/RMZ established during hours of AFIS.

ESUT 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	HEMAVAN INFORMATION	122.980	HO	-
		121.500	HO	-

ESUT 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 15 (7° E 2020)	WUT	111.50 MHz	H24	654749.9N 0150538.4E		293 m beyond THR 33 Limited coverage to ±10° from CL
LOC 33 ILS CAT I (7° E 2020)	IUT	110.10 MHz	H24	654851.5N 0150420.4E		412 m beyond THR 15 ILS Class I/D/2 Limited coverage to ±10° from CL
GP		334.40 MHz	H24	654805.2N 0150509.2E		Angle 3.0° RDH 53.8 ft 300 m past THR 33 left side W CL coverage limited to 4°
L 33	SUT	342 kHz	H24	654239.5N 0151205.2E		Range 25 NM
L	NUT	325 kHz	H24	655009.8N 0150244.0E		Range 25 NM
DME	IUT	110.10 MHz	H24	654805.1N 0150508.7E	1535 ft	Limited coverage outside sectors 130-170° and 260-360° DME channel 38X

ESUT 2.20 LOKALA TRAFIKFÖRESKRIFTER

- Högervarv tillämpas när RWY 15 är i användning.
- Vid landning enligt VFR utanför ATS öppethållning ska avsikt att landa samt ETA tydligt aviseras på kanal 122.980 och en s.k. "visuell överflygning" av banan genomförs för att säkerställa fri tillgänglighet samt att uppmärksamma eventuell flygplatspersonal och annan trafik på banan. Är banan inte tillgänglig i sin fulla längd och bredd ska inte landning genomföras.
- Vid start utanför ATS öppethållning ska avsikt att starta tydligt aviseras på kanal 122.980. Är banan inte tillgänglig i sin fulla längd och bredd ska inte start genomföras.
- Fordonstrafik kan förekomma på färdområdet utanför ATS öppethållning.

LOCAL TRAFFIC REGULATIONS

- Right hand traffic circuit when RWY 15 is in use.
- For VFR landing outside ATS hours of operation the intention to land and the ETA shall be clearly declared on channel 122.980 followed by a "visual fly over check" in order to verify runway availability and alerting any AD personnel and other traffic on the runway. If the runway is not available in its full length and width, the landing shall not be carried out.
- For take-off outside ATS hours of operation the intention to take-off shall clearly be declared on channel 122.980. If the runway is not available in its full length and width, the take-off shall not be carried out.
- Vehicles may occur in the movement area outside ATS opening hours.

ESUT 2.21 MINSKNING AV BULLERSTÖRNING

NIL

NOISE ABATEMENT PROCEDURES

NIL

ESUT 2.22 FLYGPROCEDURER

FLIGHT PROCEDURES

1 Startprocedurer, omnidirectional

1 Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
15	Climb straight ahead with MNM 610 ft/NM (10.0%) to MNM turning ALT 3800 ft. Continue climb to appropriate MSA. Sector 010° – 124° GEO from ARP not to be entered until ALT 5700 ft is reached.	Tree (CIO)	1544	159°/1568
		Terrain (CIO)	1657	162°/2600
		Tree	2931	131°/6784
		Terrain	2953	130°/6600
		Terrain	4380	357°/9900
		Tree	5418	049°/9694
		Terrain	5732	042°/12510
		Terrain	5830	044°/12600
33	Climb straight ahead with MNM 700 ft/NM (11.5%) to MNM turning ALT 4700 ft. Continue climb to appropriate MSA. Sector 010° – 124° GEO from ARP not to be entered until ALT 5700 ft is reached.	Antenna (CIO)	1535	339°/1525
		Terrain (CIO)	1657	346°/3000
		Tree	3612	352°/9260
		Terrain	4032	357°/10825
		Terrain	4380	354°/11000
		Tree	4400	354°/11195
		Terrain	5732	038°/13124
		Terrain	5830	039°/13000

2 Lägsta RVR för avgående trafik är 400 m.

2 Minimum RVR for departing traffic is 400 m.

ESUT 2.23 ÖVRIG INFORMATION

ADDITIONAL INFORMATION

1 Flygplatsen är belägen i fjällterräng. Svår turbulens och nedsvep kan förekomma i flygplatsens närhet vid vindhastigheter över 20 kt samtliga vindriktningar.

1 The aerodrome is surrounded by high ground. Severe turbulence and down draft may occur in the vicinity of the aerodrome at wind speeds above 20 kt, all directions.

2 Beviljade undantag från krav i CS-ADR-DSN

2 Granted exemptions from requirements in CS-ADR-DSN

- Helikopterhangar tränger igenom inflygningsytan.
- Terminal/Torn genomtränger övergångsytan.
- Det finns fasta hinder i flygplatsens hinderlytor som inte är försedda med hinderljus.

- Helicopter hangar is penetrating approach surface.
- Terminal/Tower penetrating transitional surface.
- There are fixed obstacles in the airport's obstacle areas that are not lighted.

3 Belysning från bilväg samt skidbackar kan vara missledande/störande vid inflygning till bana 15/33.

3 Lights from road and ski area may be misleading/disturbing during approach to RWY 15/33.

ESUT 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

AD chart		ESUT 2-1
AOC	RWY 15/33	ESUT-3-1
List of waypoints and significant points		ESUT 4-3
IAC	ILS or LOC RWY 33	ESUT 5-1
IAC	LOC RWY 15	ESUT 5-2
IAC	RNP RWY 15 (LNAV only)	ESUT 5-3
IAC	RNP RWY 33 (LNAV, LPV only)	ESUT 5-5
VAC		ESUT 6-1