

**AD 2 AERODROMES****ESNV 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNV – VILHELMINA****ESNV 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- |    |  |   |
|----|--|---|
| 1. | ARP coordinates and site at AD               | 643443N 0165023E RWY 450 m from THR 28  |
| 2. | Direction and distance from (city)           | SE 5 NM from Vilhelmina   |
| 3. | Elevation/Reference temperature              | 1141 ft/info not avbl   |
| 4. | Geoid undulation at AD ELEV PSN              | 96 ft   |
| 5. | MAG VAR/Annual change                        | 7° E 2020/+0.2 increasing   |
| 6. | Administration, address, telephone, fax, AFS | Vilhelmina flygplats<br>Sagadal 4<br>SE-912 90 Vilhelmina<br>TEL: +46 (0)940 398 88<br>FAX: +46 (0)940 398 99<br>E-mail: bokning@southlaplandairport.com<br>AFS: ESNVZTZX<br>Website: www.southlaplandairport.com |
| 7. | Types of traffic permitted (IFR/VFR)         | IFR/VFR. Max RWY ref code 3C  |
| 8. | Remarks                                      | -   |

**ESNV 2.3 OPERATIONAL HOURS**

- |     |   |   |
|-----|---|---|
| 1.  | AD Administration<br>AD Operating hours | HX<br>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)              | Ref AIP SUP/NOTAM                           |
| 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                                 | -   |

**ESNV 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	-
2.	Fuel/oil types	Fuel Jet A1 Oil -
3.	Fuelling facilities/discharge capacity	Jet A1: 25,000 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	Dual operators required to perform fuelling Jet A1. For payment of fuel major credit cards accepted.

**ESNV 2.5 PASSENGER FACILITIES**

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

**ESNV 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1.	AD category for fire fighting	CAT 4 only 5 min before departure and arriving for SKED TFC, other hours O/R.
2.	Rescue equipment	By arrangement, municipal rescue service
3.	Capability for removal of disabled aircraft	Suitable for aircraft up to ATR 72. Contact Aerodrome manager +46(0)70 603 98 95.
4.	Remarks	Higher fire fighting CAT O/R

**ESNV 2.7 SEASONAL AVAILABILITY – CLEARING**

1.	Types of clearing equipment	Blowers, sweepers, slinger, spreader
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	-

**ESNV 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1.	Apron surface and strength	Apron ASPH PCN 12 F/B/X/U
2.	Taxiway width, surface and strength	TWY A 15 m ASPH PCN 12 F/B/X/U TWY to hangar 10 m ASPH PCN -
3.	ACL, location and elevation	Apron, see AD 2 ESNV 2-1.
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

**ESNV 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 10/28: Designator, THR, TDZ, CL and edges are day marked. RTHL, REDL, RENL.  TWY A: CL, HLDG day marked. Edge lights, RGL to hangar: CL
3.	Stop bars	-
4.	Remarks	-

## ESNV 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
ESNV1	Sign	643438.6N 0165104.7E	1150 / -	-	-
ESNV2	Sign	643440.0N 0165112.5E	1156 / -	-	-
ESNV3	Sign	643440.4N 0165113.3E	1157 / -	-	-
ESNV4	Shrub	643436.6N 0165117.1E	1160 / -	-	-
ESNV5	Shrub	643438.7N 0165122.0E	1170 / -	-	-
ESNV6	Shrub	643433.5N 0165119.5E	1176 / -	-	-
ESNV7	Shrub	643432.9N 0165119.5E	1177 / -	-	-
ESNV8	Shrub	643438.9N 0165123.4E	1181 / -	-	-
ESNV9	Shrub	643439.6N 0165123.9E	1184 / -	-	-
ESNV10	Building	643439.8N 0165125.6E	1187 / -	-	-
ESNV11	Shrub	643440.2N 0165126.4E	1192 / -	-	-
ESNV12	Building	643440.3N 0165127.1E	1193 / -	-	-
ESNV13	Antenna	643438.2N 0165130.2E	1200 / -	-	-
ESNV14	Forest	643431.6N 0165132.0E	1204 / -	-	-
ESNV15	Forest	643430.5N 0165131.7E	1210 / -	-	-
ESNV16	Forest	643430.4N 0165134.4E	1212 / -	-	-
ESNV17	Forest	643430.2N 0165140.1E	1215 / -	-	-
ESNV18	Forest	643431.7N 0165141.9E	1218 / -	-	-
ESNV19	Forest	643430.0N 0165142.7E	1219 / -	-	-
ESNV20	Forest	643430.2N 0165143.5E	1221 / -	-	-
ESNV21	Forest	643438.1N 0165150.8E	1224 / -	-	-
ESNV22	Forest	643437.3N 0165150.5E	1224 / -	-	-
ESNV23	Forest	643437.7N 0165152.8E	1226 / -	-	-
ESNV24	Forest	643421.9N 0165719.4E	1469 / -	-	-
ESNV25	Forest	643423.1N 0165735.0E	1594 / -	-	-
ESNV26	Forest	643423.6N 0165738.2E	1624 / -	-	-
ESNV27	Road traffic	643452.7N 0164904.2E	1154 / -	-	-
ESNV28	Forest	643506.2N 0164737.1E	1211 / -	-	-
ESNV29	Forest	643505.6N 0164731.6E	1220 / -	-	-
ESNV30	Forest	643504.2N 0164730.5E	1220 / -	-	-
ESNV31	Forest	643504.9N 0164729.3E	1225 / -	-	-
ESNV32	Forest	643507.7N 0164725.4E	1234 / -	-	-
ESNV33	Forest	643508.5N 0164714.1E	1242 / -	-	-
ESNV34	Forest	643505.1N 0164711.0E	1244 / -	-	-

ESNV35	Forest	643506.2N 0164709.8E	1251 / -	-	-
ESNV36	Forest	643507.0N 0164708.7E	1254 / -	-	-
<b>In Area 3</b>					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

**ESNV 2.11 METEOROLOGICAL INFORMATION PROVIDED**

- |   |   |
|---|---|
| 1. Associated MET Office  | STOCKHOLM/Arianda   |
| 2. Hours of service<br>MET Office outside hours                           | H24   |
| 3. Office responsible for TAF preparation<br>Periods of validity          | TAF not produced  |
| 4. Type of landing forecast<br>Interval of issuance                       | Not issued  |
| 5. Briefing/consultation provided   | FPC H24, +46 (0)8 797 63 40, <a href="http://www.lfv.se/fpc">www.lfv.se/fpc</a> |
| 6. Flight documentation<br>Language(s) used                               | METAR, SIGMET, Upper air winds<br>Swedish/English                               |
| 7. Charts and other information available for<br>briefing or consultation | SWC, WC, Nordic SIGWX Chart, Low level forecast                                 |
| 8. Supplementary equipment available for<br>providing information         | -   |
| 9. ATS units provided with information                                    | VILHELMINA AFIS   |
| 10. Additional information (limitation of service,<br>etc.)               | Flight planning room available  |

## ESNV 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
10	103.14° GEO 096° MAG	1500 x 30	PCN 12 F/B/X/U ASPH	643450.20N 0164905.97E  End RWY: 643439.18N 0165055.73E  GUND 96 ft	THR 1139 ft
28	283.17° GEO 276° MAG	1500 x 30	PCN 12 F/B/X/U ASPH	643440.96N 0165038.13E  GUND 96.4 ft	THR 1139.2 ft TDZ 1140.4 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
10 See ESNV AOC	-	-	1620 x 280	-	VFR traffic shall touch-down 150 m inwards from THR.
28 See ESNV AOC	-	-	1620 x 280	-	THR 28 displaced 241 m

## ESNV 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
10	1500	1500	1500	1500	-
28	1500	1500	1500	1260	-

## ESNV 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
10	SALS 420 m LIL/LIH	Green	PAPI Left/3.00° (21.7 ft)	-	-	1500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
28	Calvert CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (49.2 ft)	-	-	1500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks:	RWY 10: RWY 28:	PCL LIL APCH and RWY on frequency 122.555 MHz for 10 SEC. PCL LIL APCH and RWY on frequency 122.555 MHz for 10 SEC.						

**ESNV 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

- |    |  |   |
|----|--|---|
| 1. | ABN/IBN location, characteristics and hours of operation | -   |
| 2. | LDI location and LGT<br>Anemometer location and LGT      | Lighted windsock E apron. Windsocks at RWY ends.<br>60 m N GP |
| 3. | TWY edge and centre line lighting                        | Edge: TWY A<br><br>CL: -                                      |
| 4. | Secondary power supply/switch-over time                  | Available/15 sec  |
| 5. | Remarks  | -   |

**ESNV 2.16 HELICOPTER LANDING AREA**

RWY 10/28 to be used

**ESNV 2.17 ATS AIRSPACE**

- |    |                                   |  |
|----|-----------------------------------|--|
| 1. | Designation and lateral limits    | VILHELMINA TIZ/RMZ 643940N 0162913E - 643938N 0165231E -<br>643523N 0171329E - 643007N 0171040E -<br>643009N 0164738E - 643424N 0162635E -<br>643940N 0162913E |
| 2. | Vertical limits                   | VILHELMINA TIZ/RMZ <u>1000 ft GND</u><br>GND   |
| 3. | Airspace classification           | G  |
| 4. | ATS unit call sign<br>Language(s) | VILHELMINA INFORMATION<br>Swedish/English  |
| 5. | Transition altitude               | 5000 ft AMSL   |
| 6. | Remarks                           | Continuous two-way radiocommunication required in TIZ/RMZ.<br>TIZ/RMZ established during hours of AFIS.  |

**ESNV 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Channel/Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	VILHELMINA INFORMATION	122.555	HO	-
		121.500	HO	-

## ESNV 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 10	DK	328 kHz	H24	643528.2N 0164319.3E		Range 15 NM
LOC 28 ILS CAT I (6° E 2015)	INV	109.90 MHz	H24	643451.3N 0164854.8E		152 m beyond THR 10 ILS Class I/D/2
GP		333.80 MHz	H24	643445.8N 0165019.3E		Angle 3.0° RDH 49.2 ft 279 m past THR 28 left side During winter angle may vary btn 3.0° and 3.3° due snow.
OM				643336.7N 0170155.9E		-
MM				643433.2N 0165154.9E		-
L 28	NV	406 kHz	H24	643336.5N 0170156.3E		Range 40 NM
DME	INV	109.90 MHz	H24	643451.1N 0164954.8E	1178 ft	DME channel 36X

## ESNV 2.20 LOKALA TRAFIKFÖRESKRIFTER

NIL

## LOCAL TRAFFIC REGULATIONS

NIL

## ESNV 2.21 MINSKNING AV BULLERSTÖRNING

NIL

## NOISE ABATEMENT PROCEDURES

NIL

## ESNV 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
10	Climb straight ahead with MNM 230 ft/NM (3.7%) to MNM turning ALT 2200 ft. Continue climb to appropriate MSA.	Terrain	1647	094°/6700
28	Climb straight ahead to MNM turning ALT 2000 ft. Continue climb to appropriate MSA.	Terrain	1539	263°/8842

2. Lägsta RVR för avgående trafik är 400 m.

2. Minimum RVR for departing traffic is 400 m.



**ESNV 2.23 ÖVRIG INFORMATION**

1. Flygoperatörer vid Vilhelmina flygplats med luftfartyg tillhörande referenskodsiffran 3 skall klassificera flygplatsen som kategori B, ref EASA AMC1 ORO.FC 105 (b)(2);(c), p.g.a avvikelser från krav i CS-ADR-DSN för referenskod 3C. Detaljerad dokumentation tillhandahålls av flygplatsen. Flygoperatören ska redovisa till flygplatsen att de kan operera på ett säkert sätt.
2. Beviljade undantag från krav i CS-ADR-DSN
  - Delar av stråket uppfyller inte krav på stråkbredd.
  - Separationsavståndet mellan taxibana "TWY to hangar" och banan underskrider minimikrav.
  - Separationsavståndet för inkörningslinjen på plattan till fasta föremål uppfyller inte kravet.
  - Minsta säkerhetsavstånd mellan luftfartyg och intilliggande byggnader avviker från kravet.
  - Det finns fasta föremål på stråket, vilka avviker från kravet.
  - Avståndet för väntplats TWY A till banans centre line avviker från kravet.
  - Det finns fasta hinder i den koniska ytan, horisontella ytan, inflygningsytan, start- och stigyten, övergångsytorna och stråkytorna som inte kan åtgärdas.
3. Fordonskörning kan förekomma på RWY.
4. För flygplan som utför VFR flygningar gäller följande: Banan får ej användas för start eller landning när personer eller fordon befinner sig på banan eller manöverområdet

**ADDITIONAL INFORMATION**

1. Operators at Vilhelmina aerodrome with aircraft belonging to aerodrome reference code number 3 shall categorize the aerodrome as category B, i.a.w. EASA AMC1 ORO.FC 105 (b) (2);(c). This is due to deviations from requirements in CS-ADR-DSN for aerodrome reference code 3C. Detailed documentation is available from the aerodrome administration. The operator must present to the aerodrome that they can operate safely.
2. Granted exemptions from requirements in CS-ADR-DSN
  - Parts of the runway strip does not fulfil the requirement for width of runway strip.
  - The separation distance between TWY and "TWY to hangar" and RWY do not fulfil the requirement.
  - The separation distance between aircraft stand taxilane centre line to object do not fulfil the requirement.
  - The clearance distance on aircraft stand do not fulfil the requirement.
  - There are objects on the runway strip, which do not fulfil the requirement.
  - The distance between the runway-holding position on TWY A and the runway centre line do not fulfil the requirement.
  - There are obstacles penetrating the conical surface, horizontal surface, approach surface, take-off climb surface, transitional surfaces and the strip surface.
3. Caution due intermittent motor vehicles on RWY.
4. For aircraft performing VFR flights, the following applies: The runway may not be used for take-off or landing when persons or vehicles are on the runway or in the maneuvering area.

**ESNV 2.24 TILLHÖRANDE KARTOR**

AD chart		ESNV 2-1
AOC	RWY 10/28	ESNV 3-1
List of waypoints and significant points		ESNV 4-3
IAC	ILS or LOC RWY 28	ESNV 5-1
IAC	NDB RWY 28	ESNV 5-2
IAC	NDB RWY 10	ESNV 5-3
IAC	RNP RWY 10	ESNV 5-5
IAC	RNP RWY 28	ESNV 5-9
VAC		ESNV 6-1

**RELATED CHARTS**