

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/+18.7°C
4. Geoid undulation at AD ELEV PSN	96 ft
5. MAG VAR/Annual change	8° E (2025)/+0.2 increasing
6. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Vilhelmina flygplats Sagadal 4 SE-912 90 Vilhelmina TEL: +46 940 398 88 FAX: +46 940 398 99 E-mail: airport@vilhelmina.se AFS: ESNVZTZX 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 operator	HX
AD Operating hours	H24
2. Customs and immigration	-
3. Health and sanitation	-
4. AIS Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
5. ATS Reporting Office (ARO)	Ref AIP SUP/NOTAM
6. MET Briefing Office	FPC, H24, +46 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 and oil types	Fuel: Jet A1 Oil: -
3. Fuelling facilities and capacity	Jet A1: 60,000 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. |
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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 | Bank: In Vilhelmina
Post: 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 70 227 02 60. |
| 4. Remarks | Higher fire fighting CAT O/R |

ESNV 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

- | | |
|--|---|
| 1. Types of clearing equipment | Blowers, sweepers, slinger, spreader |
| 2. Clearance priorities | RWY, TWY, Apron, Emergency access roads |
| 3. Use of material for movement area surface treatment | Sand, Frozen sand |
| 4. Specially prepared winter runways | - |
| 5. Remarks | - |

ESNV 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS 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 ESNV Aerodrome Chart |
| 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
TWY 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	Markings/ Type, colour
a	b	c	d	e
ESNV1	SIGN	643438.6N 0165104.7E	1150 ft / -	-
ESNV2	SIGN	643440.0N 0165112.5E	1156 ft / -	-
ESNV3	SIGN	643440.4N 0165113.3E	1157 ft / -	-
ESNV4	VEGETATION	643436.6N 0165117.1E	1160 ft / -	-
ESNV5	VEGETATION	643438.7N 0165122.0E	1170 ft / -	-
ESNV6	VEGETATION	643433.5N 0165119.5E	1176 ft / -	-
ESNV7	VEGETATION	643432.9N 0165119.5E	1177 ft / -	-
ESNV8	VEGETATION	643438.9N 0165123.4E	1181 ft / -	-
ESNV9	VEGETATION	643439.6N 0165123.9E	1184 ft / -	-
ESNV10	BUILDING	643439.8N 0165125.6E	1187 ft / -	-
ESNV11	VEGETATION	643440.2N 0165126.4E	1192 ft / -	-
ESNV12	BUILDING	643440.3N 0165127.1E	1193 ft / -	-
ESNV13	ANTENNA	643438.2N 0165130.2E	1200 ft / -	-
ESNV14	TREE	643431.6N 0165132.0E	1204 ft / -	-
ESNV15	TREE	643430.5N 0165131.7E	1210 ft / -	-
ESNV16	TREE	643430.4N 0165134.4E	1212 ft / -	-
ESNV17	TREE	643430.2N 0165140.1E	1215 ft / -	-
ESNV18	TREE	643431.7N 0165141.9E	1218 ft / -	-
ESNV19	TREE	643430.0N 0165142.7E	1219 ft / -	-
ESNV20	TREE	643430.2N 0165143.5E	1221 ft / -	-
ESNV21	TREE	643438.1N 0165150.8E	1224 ft / -	-
ESNV22	TREE	643437.3N 0165150.5E	1224 ft / -	-
ESNV23	TREE	643437.7N 0165152.8E	1226 ft / -	-
ESNV24	TREE	643421.9N 0165719.4E	1469 ft / -	-
ESNV25	TREE	643423.1N 0165735.0E	1594 ft / -	-
ESNV26	TREE	643423.6N 0165738.2E	1624 ft / -	-
ESNV27	OTHER	643452.7N 0164904.2E	1154 ft / -	-
ESNV28	TREE	643506.2N 0164737.1E	1211 ft / -	-
ESNV29	TREE	643505.6N 0164731.6E	1220 ft / -	-
ESNV30	TREE	643504.2N 0164730.5E	1220 ft / -	-
ESNV31	TREE	643504.9N 0164729.3E	1225 ft / -	-
ESNV32	TREE	643507.7N 0164725.4E	1234 ft / -	-
ESNV33	TREE	643508.5N 0164714.1E	1242 ft / -	-
ESNV34	TREE	643505.1N 0164711.0E	1244 ft / -	-
ESNV35	TREE	643506.2N 0164709.8E	1251 ft / -	-
ESNV36	TREE	643507.0N 0164708.7E	1254 ft / -	-
f Remarks:	-			

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

ESNV 2.11 METEOROLOGICAL INFORMATION PROVIDED

- | | |
|--|---|
| 1. Associated MET Office | STOCKHOLM/ARLANDA |
| 2. Hours of service | H24 |
| MET Office outside hours | |
| 3. Office responsible for TAF preparation | TAF not produced |
| Periods of validity, interval of issuance | |
| 4. Trend forecast | - |
| Interval of issuance | |
| 5. Briefing/consultation provided | FPC H24, +46 8 797 63 40, www.lfv.se/fpc |
| 6. Flight documentation | METAR, SIGMET, Upper air winds |
| Language(s) used | 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 | VILHELMINA AFIS |
| 10. Additional information (limitation of service, etc.) | Flight planning room available |

ESNV 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True 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°	1500 x 30	PCN 12/F/B/X/U ASPH	643450.20N 0164905.97E End RWY: 643439.18N 0165055.73E	THR 1139 ft
28	283.17°	1500 x 30	PCN 12/F/B/X/U ASPH	GUND 96 ft 643440.96N 0165038.13E GUND 96.4 ft	THR 1139.2 ft TDZ: 1140.4 ft
Designations RWY NR	Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	RESA dimensions (m)
1	7	8	9	10	11
10	See ESNV AOC	-	-	1620 x 280	90 x 60
28	See ESNV AOC	-	-	1620 x 280	90 x 60
Designations RWY NR	Location/ description of arresting system		OFZ (Yes/No)	Remarks	
1	12		13	14	
10	-		-	VFR traffic shall touch-down 150 m inwards from THR.	
28	-		-	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 side/3.00° 22 ft	-	-	1500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
28	CALVERT CAT I 900 M LIL/LIH	Green	PAPI Left side/3.00° 49 ft	-	-	1500/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 10: PCL LIL APCH and RWY on frequency 122.555 MHz for 10 SEC.								
RWY 28: 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** Lighted windsock E apron. Windsocks at RWY ends
- Anemometer location and LGT** 60 m N GP
- 3. **TWY edge and centre line lighting** Edge: A
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/ 643940N 0163153E - 643938N 0165231E -
RMZ 643552N 0171106E - 643007N 0170755E -
643009N 0164738E - 643357N 0162850E to point of origin.
- 2. **Vertical limits** VILHELMINA TIZ/RMZ 3200 ft AMSL
GND
- 3. **Airspace classification** G

- | | |
|---|--|
| <p>4. ATS unit call sign
Language(s)</p> <p>5. Transition altitude</p> <p>6. Hours of applicability</p> <p>7. Remarks</p> | <p>VILHELMINA INFORMATION
Swedish/English</p> <p>5000 ft AMSL</p> <p>TIZ/RMZ established during hours of AFIS.</p> <p>Continuous two-way radiocommunication required in TIZ/RMZ.</p> |
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ESNV 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
AFIS	VILHELMINA	122.555	HO	-
	INFORMATION	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	Service volume radius from GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 28 ILS CAT I (8° E 2025)	INV	109.90 MHz	H24	643451.3N 0164854.8E	-	-	152 m beyond THR 10 ILS Class I/D/2
GP 28	-	333.80 MHz	H24	643445.8N 0165019.3E	-	-	Angle 3.00° 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 28	-	-	-	643336.7N 0170155.9E	-	-	
MM 28	-	-	-	643433.2N 0165154.9E	-	-	
L 10	DK	328 kHz	H24	643528.2N 0164319.3E	-	-	Range 15 NM
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 FLYGPLATSFÖRESKRIFTER
NIL

ESNV 2.20 LOCAL AERODROME REGULATIONS
NIL

**ESNV 2.21 BULLERREDUCERANDE
FÖRFARANDE**
NIL

ESNV 2.21 NOISE ABATEMENT PROCEDURES
NIL

ESNV 2.22 FLYGPROCEDURER

ESNV 2.22 FLIGHT PROCEDURES

1. Startprocedurer, omnidirectional

1. Omnidirectional departure procedures

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
10	Climb straight ahead with MNM 240 ft/NM (3.9%) to MNM turning ALT 2200 ft. Continue climb to appropriate MSA.	Pine tree CIO exist	1678 -	094°/6696 -
28	Climb straight ahead to MNM turning ALT 2000 ft. Continue climb to appropriate MSA.	CIO exist	-	-

2. Lägsta RVR för avgående trafik är 550 m.

2. Minimum RVR for departing traffic is 550 m.

ESNV 2.23 TILLÄGGSINFORMATION

1. Flygoperatörer vid Vilhelmina flygplats med luftfartyg tillhörande referenskodsiffrorna 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.

ESNV 2.23 ADDITIONAL INFORMATION

1. Operators at Vilhelmina aerodrome with aircraft belonging to aerodrome reference code number 3 shall categorize the aerodrome as category B, i.e. 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 operator. The operator must present to the aerodrome that they can operate safely.

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, övergångsytorerna och stråkytorerna som inte kan åtgärdas.

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. Fordonskörning kan förekomma på RWY.

3. Caution due intermittent motor vehicles on 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.

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 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESNV 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

Charts	Pages
Aerodrome Chart - ICAO	AD 2 ESNV 2 - 1
AOC - ICAO Type A RWY 10/28	AD 2 ESNV 3 - 1
IAC - ICAO ILS z or LOC z RWY 28	AD 2 ESNV 8 - 1
IAC - ICAO ILS y or LOC y RWY 28	AD 2 ESNV 8 - 3
IAC - ICAO NDB RWY 10	AD 2 ESNV 8 - 5

<i>Charts</i>	<i>Pages</i>
IAC - ICAO NDB RWY 28	AD 2 ESNV 8 - 7
IAC - ICAO RNP RWY 10	AD 2 ESNV 8 - 9
IAC - ICAO RNP RWY 28	AD 2 ESNV 8 - 13
VAC - ICAO	AD 2 ESNV 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESNV VILHELMINA 4

**ESNV 2.25 GENOMTRÄNGANDE AV YTAN FÖR
VISUELLA SEGMENTET (VSS)**

**ESNV 2.25 VISUAL SEGMENT SURFACE (VSS)
PENETRATION**