

AD 2 AERODROMES**ESGT 2.1 AERODROME LOCATION INDICATOR AND NAME****ESGT - GÖTEBORG/STALLBACKA****ESGT 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1. ARP coordinates and site at AD	581905N 0122042E RWY centre point
2. Direction and distance from (city)	NE 2.9 NM from Trollhättan, S 3.8 NM from Vänersborg
3. Elevation/Reference temperature	137 ft/+18.5°C
4. Geoid undulation at AD ELEV PSN	114 ft
5. MAG VAR/Annual change	5° E (2025)/+0.2 increasing
6. Name of aerodrome operator, address, telephone, telefax numbers, AFS, e-mail, website	Fyrstads Flygplats AB Göteborg Stallbacka Airport SE-461 93 Trollhättan TEL: +46 520 825 00 FAX: +46 520 838 17 E-mail: info@gsairport.se AFS: ESGTZTZX Website: www.gairport.se
7. Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 3C
8. Remarks	PPR applies for school and training flights with repeated instrument approaches and TGL. PPR for all military registered aircraft, for other than transport flights PPR shall be issued 14 days ahead of flight. TEL: +46 520 42 93 61 during ATS operational hours. E-mail: ats.trollhattan@acr-sweden.se

ESGT 2.3 OPERATIONAL HOURS

1. AD operator	As ATS
AD Operating hours	As ATS.
2. Customs and immigration	MON-SUN 0600-2000 (0500-1900)
3. Health and sanitation	-
4. AIS Briefing Office	FPC, H24, +46 8 797 63 40, www.lfv.se/fpc
5. ATS Reporting Office (ARO)	As ATS
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	As ATS
10. Security	As ATS
11. De-Icing	As ATS
12. Remarks	Increased charges outside TWR HR of OPS

ESGT 2.4 HANDLING SERVICES AND FACILITIES

1. Cargo-handling facilities	Available, forklift
2. Fuel and oil types	Fuel: 91UL, Jet A1 Oil: -

- | | |
|--|--|
| 3. Fuelling facilities and capacity | 91UL: 20,000 l
Jet A1: 15,000 l in fuelling truck, 100,000 l in store |
| 4. De-icing facilities | Available, Type I and Type II |
| 5. Hangar space for visiting ACFT | - |
| 6. Repair facilities for visiting ACFT | Available |
| 7. Remarks | Fuel supplier: Fyrstads Flygplats AB (AD Operator).
Battery charger: Pipistrel skycharge M20 Portable charger.
Fuel can only be paid by VISA or Mastercard credit cards, invoice or Swish. |

ESGT 2.5 PASSENGER FACILITIES

- | | |
|-------------------------|--|
| 1. Hotels | In Trollhättan and Vänersborg |
| 2. Restaurants | In Trollhättan and Vänersborg |
| 3. Transportation | Taxis |
| 4. Medical facilities | In Trollhättan and Vänersborg |
| 5. Bank and Post Office | Bank: In Trollhättan and Vänersborg
Post: In Trollhättan and Vänersborg |
| 6. Tourist Office | In Trollhättan and Vänersborg |
| 7. Remarks | - |

ESGT 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | |
|--|--|
| 1. AD category for fire fighting | CAT 4 for scheduled traffic requiring, CAT 6 O/R |
| 2. Rescue equipment | By arrangement, municipal rescue service |
| 3. Capability for removal of disabled aircraft | Contact +46 520 825 00 for arrangements |
| 4. Remarks | - |

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

- | | |
|--|--|
| 1. Types of clearing equipment | Sweepers/blowers |
| 2. Clearance priorities | RWY, TWY, Apron |
| 3. Use of material for movement area surface treatment | RWY 15/33 de-iced with SAND. |
| 4. Specially prepared winter runways | - |
| 5. Remarks | Not cleared outside operational hours. |

ESGT 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

- | | |
|--|--|
| 1. Apron surface and strength | Apron ASPH PCN 15/F/C/X/T |
| 2. Taxiway width, surface and strength | TWY M 15 m ASPH PCN 15/F/C/X/T
TWY S 7 m ASPH PCN 8/F/C/Y/T |
| 3. ACL, location and elevation | Apron 137 ft |
| 4. VOR checkpoints | - |
| 5. INS checkpoints | - |
| 6. Remarks | - |

ESGT 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 | TWY guide lines |
|--|-----------------|

2. **RWY and TWY markings and LGT** RWY 15/33: Designator, THR, CL and edges are day marked.
RTHL, REDL, RENL.
TWY M: CL, HLDG day marked. Edge lights and signs, RGL
TWY S: CL, HLDG day marked. RGL
3. **Stop bars** -
4. **Remarks** -

ESGT 2.10 AERODROME OBSTACLES

In Area 2				
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour
a	b	c	d	e
ESGT1	FENCE	581841.1N 0122117.3E	145 ft / -	-
ESGT2	OTHER	581839.1N 0122113.6E	153 ft / -	-
ESGT3	VEGETATION	581838.4N 0122113.4E	146 ft / -	-
ESGT4	VEGETATION	581805.6N 0122209.6E	204 ft / -	-
ESGT5	VEGETATION	581803.5N 0122217.8E	213 ft / -	-
ESGT6	VEGETATION	581749.8N 0122242.7E	253 ft / -	-
ESGT7	ANTENNA	581938.7N 0121957.2E	165 ft / -	-
ESGT8	OTHER	581943.8N 0121950.6E	224 ft / -	-
ESGT9	VEGETATION	581949.1N 0121950.1E	186 ft / -	-
ESGT10	VEGETATION	581946.6N 0121942.5E	189 ft / -	-
ESGT11	VEGETATION	581947.2N 0121932.6E	214 ft / -	-
ESGT12	VEGETATION	581950.6N 0121935.0E	231 ft / -	-
ESGT13	VEGETATION	581950.2N 0121933.4E	232 ft / -	-
ESGT14	VEGETATION	581950.2N 0121932.5E	248 ft / -	-
ESGT15	VEGETATION	581952.0N 0121928.7E	257 ft / -	-
ESGT16	VEGETATION	582003.4N 0121927.6E	276 ft / -	-
ESGT17	VEGETATION	582003.5N 0121927.5E	277 ft / -	-
ESGT18	VEGETATION	582003.3N 0121924.4E	284 ft / -	-
ESGT19	VEGETATION	582004.8N 0121922.1E	288 ft / -	-
ESGT20	VEGETATION	582004.6N 0121919.4E	294 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			

ESGT 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** STOCKHOLM/ARLANDA
Periods of validity, interval of issuance 9 HR, <https://tafplanner.smhi.se/app.php/production-program>
4. **Trend forecast** -
Interval of issuance
5. **Briefing/consultation provided** FPC H24, +46 8 797 63 40, www.lfv.se/fpc
6. **Flight documentation** TAF, 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 | GÖTEBORG/STALLBACKA TWR |
| 10. Additional information (limitation of service, etc.) | Flight planning room available |

ESGT 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
15	146.07°	1710 x 30	PCN 18/F/C/X/T ASPH	581927.26N 0122011.78E End RWY: 581841.41N 0122110.38E GUND 113 ft	THR 136 ft
33	326.08°	1710 x 30	PCN 18/F/C/X/T ASPH	581847.00N 0122103.24E GUND 113.4 ft	THR 134.8 ft TDZ: 135.3 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
15	See ESGT AOC	-	-	1830 x 180	90 x 60
33	See ESGT AOC	-	-	1830 x 180	240 x 60

Designations RWY NR	Location/ description of arresting system	OFZ (Yes/No)	Remarks
1	12	13	14
15	-	-	See AD chart for non-standard dimensions
33	-	-	THR 33 displaced 209 m. See AD chart for non-standard dimensions

ESGT 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
15	1710	1710	1710	1710	-
33	1710	1710	1710	1501	-

ESGT 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	SALS 420 M LIL/LIH	Green	PAPI Left side/3.00° 42 ft	-	-	1710/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
33	CALVERT CAT I 900 M LIL/LIH	Green	PAPI Left side/3.00° 42 ft	-	-	1710/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 15: PCL LIL RWY on channel 122.730 for 5 SEC.								
RWY 33: PCL LIL RWY on channel 122.730 for 5 SEC.								

ESGT 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- ABN/IBN location, characteristics and hours of operation** -
- LDI location and LGT** At RWY THRs. Lighted windsock S apron
Anemometer location and LGT At PAPI 15, N TWY S, lighted
- TWY edge and centre line lighting**
Edge: M
CL: -
- Secondary power supply/switch-over time** Available/ 1 sec
- Remarks** -

ESGT 2.16 HELICOPTER LANDING AREA

RWY 15/33 to be used

ESGT 2.17 ATS AIRSPACE

- Designation and lateral limits** STALLBACKA CTR 582849N 0121344E - 582440N 0122319E - 582225N 0122829E - 581136N 0123711E - 580828N 0122806E - 581631N 0121206E - 582604N 0120608E to point of origin.
- Vertical limits** STALLBACKA CTR 1500 ft AMSL
GND
- Airspace classification** C
- ATS unit call sign** STALLBACKA TOWER
Language(s) Swedish/English
- Transition altitude** 5000 ft AMSL
- Hours of applicability** CTR established during hours of TWR.
- Remarks** -

ESGT 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channels	Hours of operation	Remarks
1	2	3	4	5
TWR	STALLBACKA TOWER	122.730	HO	PRIMARY
		121.500	HO	-

ESGT 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 33 ILS CAT I (5° E 2025)	TRH	111.90 MHz	H24	581935.3N 0122001.5E	-	-	300 m beyond THR 15 ILS Class I/D/2
GP 33	-	331.10 MHz	H24	581851.6N 0122049.2E	-	-	Angle 3.00° RDH 40.0 ft 245 m past THR 33 left side
OM 33	-	-	-	581547.2N 0122452.6E	-	-	
MM 33	-	-	-	581816.7N 0122141.9E	-	-	
L 15	FM	399 kHz	H24	582139.2N 0121724.1E	-	-	Range 15 NM
L 33	PG	325 kHz	H24	581547.7N 0122452.2E	-	-	Range 15 NM

ESGT 2.20 LOKALA FLYGPLATSFÖRESKRIFTER**ESGT 2.20 LOCAL AERODROME REGULATIONS****1. Restriktioner för skol- och övningsflygning****1. Restrictions for school and training flights**

Start och landningsövningar, TGL, med motorflygplan med MTOM lägre än 2000 kg samt avancerad flygning får endast utföras:
MÅN-FRE 0600-2100 (0500-2000)
LÖR, SÖN och HOL 0800-1600 (0700-1500).

Take-off and landing exercises, TGL, with aircraft with MTOM below 2000 kg and aerobatic flights are only permitted:
MON-FRI 0600-2100 (0500-2000)
SAT, SUN and HOL 0800-1600 (0700-1500).

Start och landningsövningar, TGL, med motorflygplan med MTOM lägre än 2000 kg samt avancerad flygning får inte utföras långfredagen, påskafton, påskdagen, annandag påsk, Kristi himmelsfärdsdag, pingstafton, pingstdagen, midsommarafton, midsommardagen, Alla Helgons dag, julafton, juldagen och annadag jul.

Take-off and landing exercises, TGL, with aircraft with MTOM below 2000 kg and aerobatic flights are not permitted on Good Friday, Easter Eve, Easter Day, Easter Monday, Ascension Day, Whitsun Eve, Whitsun Day, Midsummers Eve, Midsummers Day, All Saints Day, Christmas Eve, Christmas Day and Boxing Day.

2. Högervarv tillämpas till grässtråk 15.**2. Right-hand traffic circuit applies for grass strip 15.**

3. Operatörer av kommersiell flygtransport (CAT) vid GÖTEBORG/Stallbacka flygplats med luftfartyg av ICAO kod C skall klassificera flygplatsen som kategori B, ref EASA AMC1 ORO.FC.105 (b) (2);(c), p.g.a. avvikelser från standardmått. Se ESGT Aerodrome Chart.

3. Commercial air transport (CAT) operators at GÖTEBORG/Stallbacka AD with ICAO code letter C aircraft shall classify the aerodrome as category B, ref EASA AMC1 ORO.FC.105 (b) (2);(c). This is due to the nonstandard dimensions. See ESGT Aerodrome Chart.

ESGT 2.21 BULLERREDUCERANDE FÖRFARANDE**ESGT 2.21 NOISE ABATEMENT PROCEDURES**

1. Begränsningar för militärt registrerade luftfartyg:

- Verksamhet är tillåten 0600-1200 (0500-1100), förutom vid oförseddade händelser.
- Instrumentflygningar utan landning får inte utföras.

2. Avgångar IFR RWY 15 och 33:

Stig rakt fram till 1500 ft AMSL innan sväng påbörjas.

3. APU får inte användas vid parkering vid andra tillfällen än då så krävs för motorstart eller för reglering av kabintemperatur. Därvid får APU startas tidigast 15 min före beräknad tid för taxning.

4. Reversering får endast användas med motorerna på tomgång vid landning mellan 2100-0500 (2000-0400) om detta ej krävs av säkerhetsskäl.

5. Provkörning av motorer får endast ske med ett flygplan åt gången.
Provkörning av motorer mellan 2100-0500 (2000-0400) får endast ske i samband med förestående start och inte med mer än ett flygplan åt gången.

ESGT 2.22 FLYGPROCEDURER**1 Startprocedurer, omnidirectional**

RWY	Procedure	Significant obstacle		
		Obstacle	Elevation (ft)	Direction (GEO)/Dist (m) from THR
15	Climb straight ahead to MNM turning ALT 900 ft. Continue climb to appropriate MSA.	CIO exist	-	-
33	Climb straight ahead to MNM turning ALT 600 ft. Continue climb to appropriate MSA.	CIO exist	-	-

2 Lågsiktsprocedurer (LVP) etablerade

LVP träder i kraft när bansynvidden (RVR) är lägre än 600 m eller när molntäckeshöjden eller vertikalsikten är lägre än 200 ft.

Meddelande om att LVP är i kraft lämnas av ATS.

Lägsta RVR för avgående trafik är 400 m. Lägsta RVR för avgående trafik är 300 m för operatörer med särskilt LVTO-tillstånd från behörig myndighet.

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

3 VFR-flygning inom Göteborg TMA Sektor Trollhättan samt inom Stallbacka CTR

Normala in- och utpasseringspunkter

Se ESGT VAC

Väntlägen

Se ESGT VAC

Avbrott i radioförbindelse

Se ESGT VAC

ESGT 2.23 TILLÄGGSINFORMATION**1. Limitations for military registered aircraft:**

- Operations are permitted 0600-1200 (0500-1100), except for unforeseen events.
- Instrument approaches without landing are not permitted.

2. IFR departures RWY 15 and 33:

Climb straight ahead to 1500 ft AMSL until turn is initiated.

3. APU must not be used on parking unless required for engine start or adjustment of cabin heat. On these occasions the APU may be started not earlier than 15 min before estimated time for taxiing.

4. IDLE REVERSE shall only be used for landing between 2100-0500 (2000-0400) unless otherwise is required for flight safety reasons.

5. Test running of engines may only be carried out with one aircraft at the same time.
Test running of engines between 2100-0500 (2000-0400) may only be carried out in connection with take-off and with no more than one aircraft at the same time.

ESGT 2.22 FLIGHT PROCEDURES**1 Omnidirectional departure procedures****2 Low visibility procedures (LVP) established**

LVP will be in force when RVR is below 600 m or when ceiling or vertical visibility is below 200 ft.

The application of LVP will be announced by ATS.

Minimum RVR for departing traffic is 400 m. Minimum RVR for departing traffic is 300 m with LVTO approval from competent authority.

When LVP is applied only one aircraft or vehicles are allowed in the manoeuvring area.

3 VFR flight within Göteborg TMA Sektor Trollhättan and within Stallbacka CTR

Normal entry and exit points

See ESGT VAC

Holdings

See ESGT VAC

Communication failure

See ESGT VAC

ESGT 2.23 ADDITIONAL INFORMATION

1 Reducerad banseparation

Reducerad banseparation tillämpas för luftfartyg med MTOM 2000 kg enligt AIP AD 1.1 mom 10.

2 Medgivanden från krav i CS-ADR-DSN:

- Delar av stråket uppfyller inte kravställd stråkbredd.
- RDH RWY 15: 42 ft / RDH RWY 33: 40 ft.
- Centrumlinjeljus finns ej.
- Fasta hinder genomtränger hinderbegränsande ytor.

1 Reduced runway separation

Reduced runway separation is applied to aircraft with MTOM 2000 kg in accordance with AIP AD 1.1 para 10.

2 Granted exemptions from requirement in CS-ADR-DSN:

- Parts of runway strip is non standard.
- RDH RWY 15: 42 ft / RDH RWY 33: 40 ft.
- No runway centre line lights.
- Fixed obstacles penetrate the obstacle limitation surfaces.

ESGT 2.24 FLYGKARTOR AVSEENDE EN FLYGPLATS

ESGT 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

<i>Charts</i>	<i>Pages</i>
Aerodrome Chart - ICAO	AD 2 ESGT 2 - 1
AOC - ICAO Type A RWY 15/33	AD 2 ESGT 3 - 1
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 ESGT 7 - 1
IAC - ICAO ILS or LOC RWY 33	AD 2 ESGT 8 - 1
IAC - ICAO NDB RWY 33	AD 2 ESGT 8 - 2
IAC - ICAO NDB RWY 15	AD 2 ESGT 8 - 3
IAC - ICAO RNP RWY 15	AD 2 ESGT 8 - 5
IAC - ICAO RNP RWY 33	AD 2 ESGT 8 - 9
VAC - ICAO	AD 2 ESGT 9 - 1

LIST OF WAYPOINTS AND SIGNIFICANT POINTS

See ESGT GÖTEBORG-STALLBACKA 4

AREA CHART

See [ESGG Area Chart - ICAO GÖTEBORG TMA](#) (ESGG GÖTEBORG-LANDVETTER 5)

ESGT 2.25 GENOMTRÄNGANDE AV YTAN FÖR VISUELLA SEGMENTET (VSS)

ESGT 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NDB RWY 15 och RNP (LNAV) RWY 15

NDB RWY 15 and RNP (LNAV) RWY 15

Terräng och vegetation från 0.8 NM till 0.5 NM före bantröskel genomtränger ytan för visuella segmentet.

Terrain and vegetation from 0.8 NM to 0.5 NM prior to THR penetrates visual segment surface.