



NAVIAIR

AD 2. AERODROMES

Remarks: AD available all seasons.

Aerodrome Location Indicator and Name: EKYT - Aalborg 1. 2. **Aerodrome Geographical and Administrative Data** 1 ARP PSN 57 05 34.04N 009 50 56.99E AD ADM: Aalborg Lufthavn a.m.b.a and site at AD: AD address: Lufthavnsvej 100 DK-9400 Nørresundby 2. Distance and 3.5 NM NW of Aalborg TEL: +45 98 17 11 44 (AD) direction from city: +45 99 33 17 75 (TWR/APP) +45 98 17 36 84 (AD/ARO/Briefing) +45 99 33 17 79 (TWR/APP) ELEV: 10 FT FAX. REF temperature: 19.3°C 1.5°E (JUL 2010) MAG VAR: E-mail: aalborg.airport@aal.dk Annual change: Increasing: 10' AFS: Types of traffic IFR/VFR permitted: Remarks: NIL **Operational Hours** Daily 0500-2230 (0400-2130) 7. ATS: H24 (H24) 1. AD: 2. Customs and The airport is open for traffic to/from all States. 8. Fuelling: 100LL -self-service only immigration: Hours for customs clearance and immigration as daily 0500-2230 (0400-2130) for AD. Jet A1 - daily 0500-2100 (0400-2000). - SAT 0500-2000 (0400-1900) Health and NIL 3. For fuel outside opening hours, contact Aalborg Airport Office. Please note that sanitation: Daily 0500-2100 (0400-2000) AIS Briefing Office: an exstra fee will be charged. ATS Reporting Daily 0500-2100 (0400-2000) 9 Handling: As AD Office (ARO): Security: As AD 10. MET Briefing Office: De-icing: As AD 12. Remarks: Outside stated hours PPR submitted to airport office not later than 2100 (2000), and for ambulance flights 1 HR PN to TWR, TEL: +45 99 33 17 75 **Handling Services and Facilities** 4. Cargo-handling Yes Hangar space No facilities for visiting aircraft: 2. Fuel and Fuel: 100LL. Jet A1. Repair facilities Minor repairs only Oil: Nil for visiting aircraft: oil types: 100LL: 300 L/MIN Frequency used for handling: 131.550 - call sign "Aalborg Handling" Hydraulic oil not available Fuelling facilities Remarks: Jet A1: 900 L/MIN and capacity: De-icing facilities: De-icing fluid and equipment Jet A1 Daily 0500-2100 (0400-2000) **Passenger Facilities** Cash dispenser only Hotels in town Bank and 1. Hotels: Post Office: (Major credit cards accepted) 2. Restaurants: Tourist Office: In Aalborg Transportation: Taxi. Bus in connection with regular scheduled TFC 3 +45 98 12 60 22 TFI Medical facilities: Hospital in Aalborg +45 98 12 63 55 FAX +45 98 16 69 22 Remarks: NIL **Rescue and Fire Fighting Services** 6. Capability for removal 1. AD category for CAT 7 and boats fire fighting: of disabled aircraft: 2. Rescue equipment: Remarks: Rescue and fire fighting services available within AD hours except for the first 30 minutes. 7. Seasonal Availability - Clearing Type of clearing See snow plan in section AD 1.2 2. Clearance priorities: See snow plan in section AD 1.2 equipment:

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Aprons, Taxiways and Check Locations Data

Apron surface and strength:

Taxiway width,

Concrete/Asphalt

In front of passenger terminal: PCN 42/R/D/X/U

Other parts of apron: PCN 39/R/D/X/U Composite construction

TWY A: 23 M TWY B: 15 M surface and strength: TWY C, D, and E: 22 M Concrete/Asphalt TWY C: PCN 42/R/D/X/U Other TWY: PCN 39/R/D/X/U Composite construction

ACL and ELEV:

At civil apron 8 FT VOR checkpoints:

INS checkpoints:

See Aircraft Parking/Docking Chart

Remarks: NIL

Surface Movement Guidance and Control System and Markings

signs, Taxi guide lines, Visual docking/parking guidance system: See item 20 - Local Traffic Regulations and Aircraft Parking/Docking Chart

RWY and TWY markings:

RWY 08L/26R:

THR, RWY NR, TDZ, centre line, side stripes

RWY 08R/26L:

THR, RWY NR, centre line, side stripes TWY:

Centre line, side stripes, holding position

3. Stop bars:

4. Remarks: NIL

10. Aerodrome Obstacles

| | In approach/TKOF areas | | In circling area and at AD | | |
|-----------------------|--|-----|--|-----|--|
| а | b | С | a | b | |
| RWY/ Area affected | Obstacle type Elevation Markings/LGT | PSN | Obstacle type Elevation Markings/LGT | PSN | |

Remarks: All obstacles are marked by day and night

11. Meteorological Information Provided

1. Associated MET Office:

Central Forecasting Office (VTC) TEL +45 39 15 72 72

H24

Hours of service: Outside Hours:

Office responsible for TAF preparation:

Interval of issuance:

Central Forecasting Office

Periods of validity: Type of landing forecast:

24 hours NII

Briefing/Consultation provided:

Self briefing and telephone consultation

Flight documentation:

Language(s) used:

Charts and other information available:

Supplementary equipment available:

ATS units provided 9. with information:

Additional information (limitation of service, etc.):

Charts. Abbreviated plain language

texts.

English and Danish

Surface analysis (current chart) Prognostic upper air chart Significant weather chart

Aalborg Tower, Aalborg Approach

12. Runway Physical Characteristics

| RWY | Direction | RWY dimensions | Strength (PCN), Surface of RWY and SWY (SFC friction Calibration NR) | THR PSN | THR ELEV/ Highest ELEV of TDZ of precision APCH RWY |
|------------|--------------------------------|-------------------|---|-------------------------------|--|
| 08L | 083.3° GEO 081.8° MAG | 2650 x 45 M | PCN 64/R/D/X/U Concrete/Asphalt Composite construction | 57 05 37.37N 009 50 00.30E | 7 FT/- |
| 26R | 263.3° GEO 261.8° MAG | 2650 x 45 M | PCN 64/R/D/X/U Concrete/Asphalt Composite construction | 57 05 47.43N 009 52 36.63E | 10 FT/- |
| 08R | 083.3° GEO 081.8° MAG | 2549 x 22.5 M | PCN 52/F/D/X/U Asphalt | 57 05 30.87N 009 50 07.68E | 7 FT/- |
| 26L | 263.3° GEO 261.8° MAG | 2549 x 22.5 M | PCN 52/F/D/X/U Asphalt | 57 05 40.52N 009 52 38.07E | 10 FT/- |
| RWY | RWY-SWY slope | SWY dimensions | CWY dimensions | Strip dimensions | Obstacle-free zone |
| 08L | less than 1 % | - | - | 2774 x 300 M | - |
| 26R | less than 1 % | - | - | 2774 x 300 M | - |
| 08R 26L | less than 1 % less than 1 % | - | - | 2669 x 300 M 2669 x 300 M | - |

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| Remarks: Runway classification | RWY NR | RUNWAY CODE | TYPE |
|--------------------------------|--------|-------------|-------|
| | 08L | 4C | PA-1 |
| | 08R | 2B | NINST |
| | 26L | 2B | NINST |
| | 26R | 4C | PA-2 |

13. Declared Distances

| RWY | TORA | TODA | ASDA | LDA | Remarks |
|---------|--------|--------|--------|--------|---------|
| RWY 08L | | | | 2650 M | _ |
| TWY E/F | 2650 M | 2650 M | 2650 M | | |
| TWY D/G | 2070 M | 2070 M | 2070 M | | |
| TWY C/H | 1220 M | 1220 M | 1220 M | | |
| RWY 26R | | | | 2650 M | - |
| TWY A/K | 2650 M | 2650 M | 2650 M | | |
| TWY B/J | 2070 M | 2070 M | 2070 M | | |
| TWY C/H | 1430 M | 1430 M | 1430 M | | |
| RWY 08R | | | | 2549 M | - |
| TWY E | 2549 M | 2549 M | 2549 M | | |
| RWY 26L | | | | 2549 M | _ |
| TWY A | 2549 M | 2549 M | 2549 M | | |

14. Approach and Runway Lighting

| | | _ | | | | | | |
|-----|--|-------------------------------|------------------------|-----------------------|--|--|-----------------------------------|---------------------------------|
| RWY | APCH LGT: Type Length Intensity | THR LGT: Colour WBAR | PAPI: Angle MEHT | TDZ LGT: Length | RWY centre line LGT: Length Spacing Colour Intensity | RWY edge LGT: Length Spacing Colour Intensity | RWY end LGT: Colour WBAR | SWY LGT: Length Colour |
| 08L | 470 M White LIH | Green | 2.75° | - | 2650 M 15 M Standard colour LIH | 2650 M 60 M White LIH | Red | - |
| 26R | CAT II 900 M LIH | Green | 2.75° | 900 M White | 2650 M 15 M Standard colour LIH | 2650 M 60 M White LIH | Red | - |
| 08R | 150 M White LIL Crossbar 150 M from THR | Green | 2.75° | - | - | 2550 M LIL | Red | - |
| 26L | 150 M White LIL Crossbar 150 M from THR | Green | 2.75° | - | - | 2550 M LIL | Red | - |

Remarks: NIL

15. Other Lighting and Secondary Power Supply

ABN/IBN location, characteristics and hours of operation:

ABN on TWR BLDG, FLG W every 2.5 SEC, operating when aircraft are expected at night or in poor visibility by day

LDI location and LGT: Anemometer location and LGT:

57 08 38N 009 33 55E.

3. TWY edge and centre line LGT:

4. Secondary power supply/switch-over time:

Blue edge, LIL. RGL for RWY 08L/26R

Yes, switch-over time CAT II MAX 1 SEC, otherwise MAX 15 SEC

5. Remarks: NIL

16. Helicopter Landing Area

17. ATS Airspace

Designation and lateral limits:

AALBORG CTR 57 08 38N 009 33 55E - 57 08 58N 009 39 55E -57 12 28N 009 46 25E - 57 12 58N 009 53 55E - 57 10 28N 010 01 25E - 57 10 48N 010 06 55E - 57 02 48N 010 08 55E - 57 02 28N 010 03 15E -56 58 58N 009 56 45E - 56 58 28N 009 49 10E - 57 01 08N 009 41 25E - 57 00 48N 009 35 55E -

2. Vertical limits: Airspace

1500 FT MSL/GND classification:

ATS unit call sign: AALBORG TOWER EN, DA Language(s): 5. Transition altitude: 3000 FT MSL

Remarks: NIL

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18. ATS Communication Facilities

| Service | CS | Channels/ Frequencies | HR | Remarks |
|-------------|-----------------------------------|---|-----|--|
| TWR | AALBORG TOWER | 118.300 284.775 257.800 121.500 243.000 | H24 | DOC: 4000 FT/25 NM MIL MIL Emergency Emergency |
| ATIS | AALBORG AIRPORT INFORMATION | 120.475 | H24 | DOC: FL 200/60 NM Language: EN |
| PSR MSSR | AALBORG APP/TWR | 2750/2855 1030 | | DOC: FL 250/50 NM Radar 4 DOC: FL 450/250 NM Radar 4 Radar 4/ From multi radar track from ACC København |

19. Radio Navigation and Landing Aids

| FAC ILS CAT VAR | ID | Channel/ Frequency | HR | PSN | DME ELEV | Remarks |
|-----------------------|-----|-----------------------|-----|-------------------------------|----------|---|
| LLZ 26R CAT II | YT | 109.900 MHZ | НО | 57 05 35.97N 009 49 38.62E | | ILS class II/D/4 |
| GP 26R | | 333.800 MHZ | НО | 57 05 50.45N 009 52 21.82E | | Angle 2.75°, RDH 35 FT |
| DME 26R | YT | CH 36x | НО | 57 05 50.20N 009 52 21.87E | 18.7 FT | FREQ paired with LLZ 08L and 26R |
| VOR 1°E 2008 | AAL | 116.700 MHZ | H24 | 57 06 13.39N 009 59 44.08E | | DOC: FL 500/100 NM DME INFO from TACAN AAL |
| TACAN 1°E 2008 | AAL | CH 114x | H24 | 57 06 14.16N 009 59 34.11E | 56.8 FT | DOC FL 500/200 NM |
| LLZ 08L CAT I | AE | 109.900 MHZ | НО | 57 05 49.02N 009 53 01.40E | | ILS class I/D/4 |
| GP 08L | | 333.800 MHZ | НО | 57 05 42.19N 009 50 13.42E | | Angle 2.75°, RDH 37 FT |
| DME 08L | AE | CH 36x | НО | 57 05 50.20N 009 52 21.87E | 18.7 FT | FREQ paired with LLZ 08L and 26R |
| L | GL | 398 KHZ | H24 | 57 05 03.80N 009 40 53.20E | | DOC 20 NM |

20. Local Traffic Regulations

1. Parking

TWR will allocate aircraft stand or parking area for arriving civil flights.

Aircraft shall normally park without marshaller assistance. Marshaller assistance can be obtained from Aalborg Airport Office on frequency 131.550.

Parking stand 1, 2, 3, 4, 5, 6, 7, 8 and 10 are marked with number, guidelines and stoplines.

General Aviation parking and other parking areas are not marked. Due to security regulations, General Aviation pilots and passengers are not allowed to leave the aircraft unless a Marshall is present. Therefore all aircraft parked at the General Aviation parking area and refuelling area, must contact the Airport Office (ARO) on frequency 131.550 for Marshall assistance. As Marshall can be occupied elsewhere, some waiting time can be expected. Therefore contact the Airport Office (if possible) during approach.

All crew and airline staff (who are not flying as regular passengers, for example technicians) needs to wear high visibility wests on the apron.

Refuelling is not permitted without advising the Airport Office.

2. Flight Plan

1.1 For all departing flights a complete flight plan or an abbreviated flight plan shall be submitted to the ATS reporting office at Aalborg before taxiing.

3. Exit from stand

In general:

Aircraft taxiing on the apron has to coordinate this with Aalborg Tower (118.300 MHz) before commencing taxi. To minimize blast on terminal, reduce power to idle after break away.

Aircraft leaving the stand, by own power shall obtain start up approval and taxi instruction from Aalborg Tower (118.300 MHz). Aircraft requiring push-back shall obtain push-back approval from Aalborg Tower (118.300 MHz). Aircraft has to be connected to push-back truck and in contact with driver of push-back truck before requesting push-back approval from the tower. Push back is compulsory for departing A/C from stand 2-5 for aircraft type A319/320/321, B737-3/5/7/9 and MD80/90, if similar or larger A/C is parked on the stand to the right. Stand 1-2:

Smaller category C and all category B Aircraft (if parked at the ATR, CRJ, F70 marking) are allowed to leave the stand by self-manoeuvring with a right turn if the right regardless of A/C parked in front of the North Flying hangar or on stand 1.

Stand 3:

Smaller category C and all category B Aircraft (if parked at the ATR, CRJ, F70 marking) are allowed to leave the stand by self-manoeuvring with a left or a right turn. The side to which the A/C turns has to be free from any other A/C Stand 4.7:

Smaller category C and all category B Aircraft (when parked at the marking) are allowed to leave the stand by self-manoeuvring with a left or a right turn. The side to which the A/C turns has to be free from any other A/C.

Stand 8:

Smaller category C and all category B Aircraft (when parked at the marking) are allowed to leave the stand by self-manoeuvring with a right turn if stand 7 is free from any other A/C.

Stand 10:

Stand 10 is vacated by self-manoeuvring with a left turn

4. Use of auxiliary power unit (APU)

Use of APU on aircraft stands shall be limited as far as possible.

APU may be used:

- 5 minutes after on block.
- 5 minutes before leaving apron.

Exemptions

When the outside air temperature (OAT) is below -10°C or above +25°C APU may be used as follows, unless otherwise instructed by marshall:

- 5 minutes after on block.
- 15 minutes before leaving apron.

Engine run-ups may only take place on test sites assigned by ATS reporting office (VHF 131.550 Mhz) $\,$

5. De-icing

De-icing and anti-icing

When ready for de-icing, request de-icing/anti-icing at Aalborg Airport Office/Aalborg Handling frequency 131,550. De-icing will take place on the stand. Information about treatment and consumption of fluid to be obtained from the sprayer of the de-icing vehicle. De-icing will be done in the order de-icing is requested, however the sprayer of the de-icing vehicle may change the order in accordance to the scheduled time of departure of the A/C. This in order to ensure as smooth an operation as possible.

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6. Non-Schengen flights

Aalborg Airport does not have H24 customs and immigrations, and therefore Aalborg Airport must to be notified of all non-Schengen flights, either via the slot coordination (www.online-coordination.com) or via e-mail

(aalborg.airport@aal.dk). If Aalborg Airport is not notified in due time (at least 3 hours prior arrival/departure) delays can be expected as immigrations has to be present prior to boarding and de-boarding of passengers.

7. Removal of disabled aircraft from the runway

In case an aircraft is damaged on the runway, it is the duty and responsibility of the owner or user of the aircraft to ensure that it is removed as soon as pos-

sible. E.g. in case of punctures, it may be necessary that an aircraft - before replacement of wheels has taken place - moves away from the runway under its own power.

If a damaged aircraft is not removed from the runway as quickly as the Duty Airport Manager consider it necessary for reasonable dispatch of the traffic, he shall be entitled to have the aircraft removed for the account of the owner or user. Aalborg Airport is in some cases able to remove the aircraft free of charge (light aircraft only), but in such case, the owner or PIC has to sign a document stating that Aalborg Airport cannot be held responsible for any damage applied to the aircraft during removal.

21. Noise Abatement Provisions

1. General Provisions

- 1.1 The noise abatement provisions may be deviated, if the Air Traffic Controller or the Pilot-in-Command judges it necessary for safety reasons.
- 1.2 Violation of the noise abatement provisions can be punished in pursuance of the Regulation for Civil Aviation BL 3-40 "Abatement of Noise from Controlled Aerodromes".

2. Jet aircraft

- 2.1 In connection with approach to landing, a minimum height of 2300 FT shall be observed over greater Aalborg.
- 2.2 Take-off restrictions:
- 2.2.1 RWY 08L/R:
- a. Turn must not be commenced until having passed 2 NM on radial 262 of AAL VOR/DME.
- 2.2.2 RWY 26L/R:
- a. Turn to the South must not be commenced until having passed 2000 FT
- 2.3 School and training flights with A/C with MTOW > 20.000 kg.will only be allowed if prior permission (PPR) has been obtained from the Airport Office. Permission will only be given, in very special cases and will never be given for flights in weekends, holiday periods and evening/night times.

School- and training flights are not allowed outside normal opening hours 2230-0500 (2130-0400)

3. Propeller and turboprop aeroplanes

3.1 No restrictions.

4. Helicopters

4.1 No restrictions.

5. Reporting

- 5.1 Reporting by the Air Navigation Services Aalborg to the Danish Transport Authority.
- 5.1.1 The Air Navigation Services Aalborg shall notify the Danish Transport Authority of every clearance deviating from the above mentioned provisions.
- 5.1.2 The Air Navigation Services Aalborg shall notify the Danish Transport Authority of every clearance according to the provision in item 1.1.
- 5.1.3 The Air Navigation Services Aalborg shall notify the Danish Transport Authority of every operation where it is observed, that it is carried out contrary to the clearance issued according to the provisions in item 2.2 on take-off restrictions.
- 5.2 Aalborg Lufthavn (Aalborg Airport) reporting to the Danish Transport Authority.
- 5.2.1 Aalborg Lufthavn (Aalborg Airport) shall notify the Danish Transport Authority when it has been ascertained that school or training flights have taken place against the provision in item 2.3.
- 5.3 The Danish Transport Authority follow-up of reports.
- 5.3.1 The Danish Transport Authority will make further investigation based on the received reports. The investigation will include an evaluation of whether liability to punishment shall be exercised according to Regulations for Civil Aviation BL 3-40.

22. Flight Procedures

1. IFR Arrival

- 1.1 Aircraft will normally be cleared by ACC KØBENHAVN to AALBORG HOLDING.
- Radio Communication failure

Navigation aid designated for radio communication failure during IMC for arriving aircraft is VOR/DME AAL.

1.3 Precision Approach. Category II Operations

The operations are subject to the following procedures and conditions:

a. ATC procedures.

ATC will apply special safeguards and procedures during Category II operations. These procedures will only be introduced when the ceiling is 200 FT or less and/or RVR 800 M or less.

The minimum distance between an aircraft on final approach carrying out a Category II ILS approach and any other preceding aircraft will not be less than 5 NM. The separation must be established at the latest when preceding aircraft passes THR.

Departing aircraft must have commenced take-off run before arriving aircraft has left 2000 FT on final approach.

b. Pilot procedures

Pilots who intend to carry out a Category II ILS approach are to use the following phrase: "Request Category II ILS approach runway 26R".

Above mentioned request shall be made to COPENHAGEN CONTROL and confirmed on first contact with AALBORG APPROACH.

2. IFR Departure

2.1 Standard Instrument Departures

Standard Instrument Departures (SID) have not been established.

2.2 Omnidirectional departures

RWY 08L/R and 26R/L: Climb straight ahead to at least 600 FT MSL before turn is commenced.

2.3 Unless otherwise instructed, when airborne contact Aalborg Approach on 123.975 MHZ (IFR flights only).

VFR Flights

3.1 VFR reporting points, VFR holdings and VFR routes are established, see ANC 1:500 000 - Denmark. Aircraft established in EGHOLM VFR holding, must not hold north of the coastline west of Aalborg City.

23. Additional Information

1. MIL jet aircraft

1.1 MIL jet aircraft execute right hand pattern to RWY 26R

2. Arrester Cables

- 2.1 Arrester cables for military aircraft may be suspended across:
- RWY 08L, 450 M prior to runway end
 RWY 26R, 450 M prior to runway end

- RWY 08R, 450 M prior to runway end
- RWY 26L, 450 M prior to runway end Cables disengaged in approach end.

3. Parachuting

3.1 Parachuting may take place.

24. Charts related to the Aerodrome

Chart type

Aerodrome Chart-ICAO Aircraft Parking/Docking Chart-ICAO Precision Approach Terrain Chart-ICAO Instrument Approach Chart-ICAO

Chart title

ADC
APDC
PATC 26R
ILS RWY 08L
NDB RWY 08L
ILS RWY 26R (CAT I+II)
VOR RWY 26R

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