

Technical specification

The subject of the tender is to provide maintenance and services in the continuing airworthiness for one aeroplane Beechcraft B300 type, registration OK-ANS as well as delivery of necessary spare parts. The owner and operator of the aircraft is the Air Navigation Services of the Czech Republic, (ANS).

CURRENT STATUS

Type of operation

ANS is an operator of non-commercial operation of complex motor aircraft according to Regulation (EU) No. 965/2012 Annex Part NCC and at the same time as an operator of special operation according to Regulation (EU) No. 965/2012 Annex Part SPO. For the mentioned activities, ANS holder of Declaration DEC CZ – 0005. The types of operations performed are calibration flights for verification of aeronautical ground equipment and flight verification of procedures for instrument flights in the Czech Republic and abroad.

ANS also holds a Maintenance Organization Authorization in accordance with Regulation (EU) No. 1321/2014 Annex I Part 145 to perform line maintenance of Beech Model B300 aircraft.

Description of the aircraft

Beechcraft B300 reg OK-ANS

- year of manufacture: 2018
- serial number: FL-1108
- manufacturer: Textron Aviation Inc.
- take-off mass: 7,484 kg
- number of engines: 2 x PT6A-60A
- avionics: Pro-Line Fusion
- special device: FIS (change of type design - STC 10067518)
- damage history for the last 4 years: 2021 collision with a bird, 2023-24 warranty repairs of manufacturing defects

Actual accumulated flight hours (10.5.2024)

Reg. OK-ANS	FL 1108	1528	flight hours (FH)	682 Ldg./Cyc.
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FIS

The Flight Inspection System (FIS) is part of the operated aircraft as special equipment.

Description:

„The Flight Inspection System (FIS) is on-board equipment for the flight inspection of ground or space based navigation aids and communication facilities. It further provides functions for validation of instrument flight procedures. The complete FIS installation AD-AFIS-1013 consists of an Flight Inspection System (FIS) P/N: AD-AFIS-1013-(01) mounted on a Seat Rail Adapter (SIADAPKA) P/N: AD-SIADAPKA-0400 and an Equipment Holder (EQHORA) P/N: AD-EQHORA-0102 mounted on an Equipment Holder Adapter (EQHOAD) P/N: AD-EQHOAD-0111“.

The FIS was delivered with the aircraft and instalation was approved as an STC.

FIS maintenance is being provided through contract with manufacturer Aerodata AG.

Valid STCs with an impact on aircraft maintenance:

Designation	Name	Issued By	Approval Date
10067518 for A/C: FL-1108	AD-AFIS-1013	Aerodata AG EASA .21J.040	14.11.2018
10067515	OSD elements MMEL and FCD for B300 aircraft equipped with AD-AFIS	Aerodata AG EASA .21J.040	14-11.2018
FAA SA5151NM LBA STC SA1011	Dual Aft Body Strakes	Raisbeck Engineering	20.10.1997
FAA SA5152NM LBA STC 0783/2074	Nacelle Wing Lockers	Raisbeck Engineering	30.09.1996

Use of the aircraft

ANS performs regular flight calibration of Aeronautical ground equipment and flight validations in the territory of the Czech Republic and abroad. The area of operation is "World wide".

Expected flight hours until 31.12.2024

The expected flight hours from June 2024 to 31.12.2024 are 250 flight hours.