



European Union Aviation Safety Agency

FAQ n.44267

FAQs:

ADS-B certification

Question:

Should I choose CS-ACNS, or AMC 20-24 as part of the certification / compliance basis for installation of ADS-B (for a new TC or a change to a TC/STC)?

Answer:

The intents of CS-ACNS and AMC 20-24 are different. The former provides the means to comply with the rules set forth in the Commission Implementing Regulation (EU) No 1207/2011 (amended by (EU) No 1028/2014) ('SPI regulation') and supports applications where the ADS-B could be used to replace Radar (RAD) applications with a 3 Nm separation between aircraft. The latter is intended to support Non-Radar Areas (NRA) applications, with a 5 Nm separation and less stringent integrity and continuity needs.

For certification of ADS-B installations, CS-ACNS applies to aircraft with a maximum certified take-off mass exceeding 5700 kg or having a maximum cruising true airspeed capability greater than 250 knots.

Compliance to CS-ACNS (including book 2) has to be demonstrated for the initial airworthiness and changes to those aircraft. For a new TC, CS-ACNS is expected to be part of the certification basis.

For other aircraft, the applicant may elect to use AMC 20-24 instead of CS-ACNS.

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Link:

<https://www.easa.europa.eu/bg/faq/44267>