



European Union Aviation Safety Agency

## FAQ n.44270

### FAQs:

#### ADS-B certification

### Question:

**What does the Continuity requirement imply and how is Continuity calculated?**

### Answer:

'Continuity' means the probability that a system will perform its required function without unscheduled interruption (e.g. system failure).

In practice, the Continuity of the ADS-B out system should be assessed with common industry methods. In particular:

- The assessment should encompass all equipment contributing to the ADS-B function and not just the transponder.
- The reliability of each component contributing to the function (e.g. transponder, control panels, position and velocity source) has to be considered,
- The probability of failure of the power source failure has to be considered,
- Common modes have to be considered.

In case of multiple sources or systems, a temporary indicated loss allowing the pilot to switch from one source or ADS-B system to the other is acceptable and not considered as a continuity event.

### Last updated:

04/12/2017

### Link:

<https://www.easa.europa.eu/el/faq/44270>