

# **European Aviation Safety Agency**

## **European Technical Standard Order (ETSO)**

**Subject: AUTOMATIC FLIGHT GUIDANCE AND CONTROL SYSTEM (AFGCS)  
EQUIPMENT**

### **1 – Applicability**

This ETSO gives the requirements which Automatic Flight Guidance and Control System (AFGCS) Equipment that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

### **2 – Procedures**

#### 2.1 – General

Applicable procedures are detailed in CS-ETSO, Subpart A.

#### 2.2 – Specific

None.

### **3 – Technical conditions**

#### 3.1 – Basic

##### 3.1.1 – Minimum performance standard

Standards set forth in the RTCA DO-325, Automatic Flight Guidance and Control Systems and Equipment, dated 08/12/2010.

##### 3.1.2 – Environmental standard

See CS-ETSO, Subpart A, paragraph 2.1.

##### 3.1.3 – Software

See CS-ETSO, Subpart A, paragraph 2.2.

##### 3.1.4 – Airborne electronic hardware

See CS-ETSO, Subpart A, paragraph 2.3.

#### 3.2 – Specific

##### 3.2.1 Failure condition classification

See CS-ETSO, Subpart A, paragraph 2.4.

There is no standard minimum failure condition classification for this ETSO. The failure condition classification appropriate to the equipment will depend on the intended use of the equipment in a specific aircraft.

**ETSO-C198**

**Date: 12.07.2013**

#### **4 — Marking**

##### 4.1 — General

Marking as detailed in CS-ETSO, Subpart A, paragraph 1.2.

##### 4.2 — Specific

None.

#### **5 — Availability of referenced document**

See CS-ETSO, Subpart A, paragraph 3.