

## Special Condition SC-RPAS.1309-03 Equipment, systems, and installations

### **Introductory note:**

The following Special Condition has been classified as an important Special Condition and as such shall be subject to public consultation, in accordance with EASA Management Board decision 12/2007 dated 11 September 2007, Article 3 (2.) of which states:

"2. Deviations from the applicable airworthiness codes, environmental protection certification specifications and/or acceptable means of compliance with Part 21, as well as important special conditions and equivalent safety findings, shall be submitted to the panel of experts and be subject to a public consultation of at least 3 weeks, except if they have been previously agreed and published in the Official Publication of the Agency. The final decision shall be published in the Official Publication of the Agency."

### **STATEMENT OF ISSUE**

The Remotely piloted aircraft systems (RPAS) are of novel design not adequately covered by CS-23 due to the fact that there is no pilot on board. This CRI is raised on basis of Part 21, 21A.16B, to properly address the equipment, systems, and installations.

### **BACKGROUND**

At the time of Thales Alenia Space France application for Stratobus, the Agency is following a new regulatory approach for safely operating remotely piloted aircraft. This flexible approach, called "Concept of Operations", has been based on input from users and manufacturers of RPAS and provides a set of rules which are proportionate and risk based.

Considering the broad range of aircraft operations and types, it has been proposed by the Agency to establish three categories of operations and their associated regulatory regime: Open category, Specific Operation category, and Certified category. The special condition SC-RPAS.1309-03 falls within the Certified category.

This special condition and the related AMC have been mainly built upon:

- the principles laid down in the section 7.7 of the EASA policy E.Y013-01, and
- the issue 02 of the AMC RPAS.1309 from the JARUS Working Group 6.

This special condition and the related AMC are applicable to any RPAS:

- for which a type certification is requested,
- for which the kinetic energy assessment in accordance with section 6 of the EASA policy E.Y013-01 results in an initial certification basis according to CS-23 Aeroplane Certification Level 3 (as per CS 23.2005 Amendment 5), and
- with no occupant on board.

### **EASA Position**

The applicant should comply with Special Condition SC-RPAS.1309-03, at issue 01.