



**Australian Government**

**Civil Aviation Safety Authority**

## ADVISORY CIRCULAR

### **AC 101-05**

# **Functions and duties of RPAS maintenance controllers**

## Functions and duties of RPAS maintenance controllers

**Note:** This AC only contains the functions and duties of a remotely piloted aircraft (RPA) maintenance controller. It provides the information required to satisfy sub-paragraph 101.340 (1) (c) (i) of the *Civil Aviation Safety Regulations 1998 (CASR)*.

These requirements will be inserted into Part 101 when the airworthiness regulations are developed for unmanned aircraft systems, at which point this AC will be removed from the CASA website.

The functions and duties of a maintenance controller are as follows:

- ensuring that all maintenance carried out on the operator's RPA systems is carried out in accordance with the operator's approved documented procedures
- ensuring the personnel carrying out maintenance for the operator are competent to do so
- maintaining a record of the serviceability or otherwise of the operator's RPA systems
- ensuring that each item of equipment essential to the operation of the operator's RPA is serviceable
- maintaining a thorough technical knowledge of the operator's RPA systems
- investigating all defects in the operator's RPA systems.