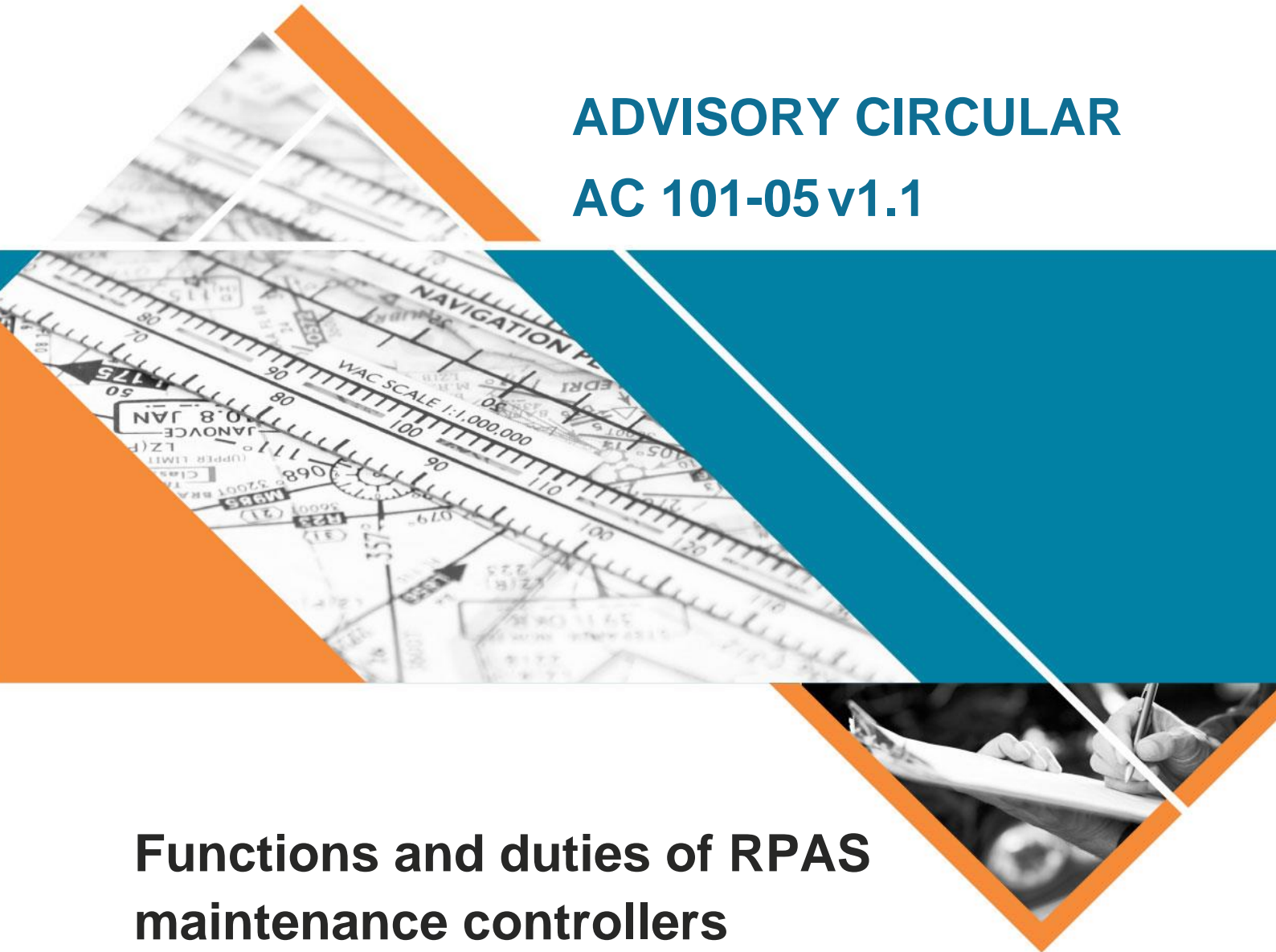




ADVISORY CIRCULAR AC 101-05 v1.1



Functions and duties of RPAS maintenance controllers

Date July 2023
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Advisory circulars are intended to provide advice and guidance to illustrate a means, but not necessarily the only means, of complying with the Regulations, or to explain certain regulatory requirements by providing informative, interpretative and explanatory material.

Advisory circulars should always be read in conjunction with the relevant regulations.

Audience

This advisory circular (AC) applies to:

- Remotely Piloted Aircraft Systems (RPAS) operators.
- RPAS crew members

Purpose

This AC provides information on the functions and duties of an RPAS maintenance controller.

For further information

For further information, contact CASA via the CASA [website](#).

Status

This version of the AC is approved by the Branch Manager, Emerging Technologies & Regulatory Change.

Note: Changes made in the current version are annotated with change bars.

Version	Date	Details
v1.1	July 2023	Updated formatting and minor revisions to content to ensure accuracy.
v1.0	September 2016	Initial AC.

Unless specified otherwise, all subregulations, regulations, Divisions, Subparts and Parts referenced in this AC are references to the *Civil Aviation Safety Regulations 1998 (CASR)*.

Functions and duties of RPAS maintenance controllers

Note: This AC 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