Consultation Draft
Proposed amendments to CAO 100.5 - General requirements in respect of maintenance of Australian aircraft

Summary of Proposed Change
December 2014

Introduction
In preparation for the application of Parts 42 and 145 to other than regular public transport operations, CASA is reviewing on-going and general certification and maintenance matters currently covered within Airworthiness Directives, legislative and non-legislative instruments and Aviation Advisory Circulars. Where those matters are more appropriately dealt with via CAO 100.5, CASA is seeking to incorporate those matters with the Order.

Purpose and scope of the proposed amendments
The airworthiness standard for Approved Single Engine Turbine Powered Aeroplane (ASETPA) operations is currently published in Airworthiness Advisory Circular AAC 1-116 and an associated letter instrument. In the short term CASA intends to deal with ASETPA matters within CAO 100.5 for aircraft whose maintenance is covered by under the CAR 1988. In the longer term, CASA intends to create a Part 21 Manual of Standards (MOS) and utilise the new MOS and the existing Part 42 and 90 MOS to deal with ASETPA.

This consultation draft therefore provides for the outcomes sought by the CASA Projects:

- MS 14/06 Migration of maintenance-related ADs and approval of advisory material for maintenance.

The policy of recognising certain instructions as maintenance data (if current maintenance data is deficient) contained within the cancelled CASA instrument 515/11 Approval of instructions as maintenance data would be re-introduced by this amendment.

The proposed amendment would also more permanently provide for the policy outcomes currently dealt with by these CASA instruments:

- 307/03 direction - headsets are not components
- 347/07 direction - night vision goggles are not components
- 481/07 Approval maintenance release form
Following a review of Australian unique ADs, a number of ADs covering maintenance requirements were identified that did not fully satisfy the requirements for issuing of an AD under Part 39 of CASR 1998. The ADs identified for transition are:

- AD/PFP/1: Propellers
- AD/ENG/6: Propeller Strike
- AD/Prop/2: Feathering Propellers - Functional Check
- AD/GEN/37: Emergency exits
- AD/EMY/2: Life jackets & inflatable flotation devices
- AD/EMY/4: Life rafts
- AD/REC/1: All CVR Systems
- AD/SUPP/16: Electrical hoist assemblies
- AD/Rad/47: Periodic Testing of ATC Transponders
- AD/SUPP/8: Towing release systems
- AD/GAS/1: Rechargeable compressed gas cylinders
- AD/AIRCON/9: Combustion type cabin heaters.

In addition, a particular requirement detailed in cancelled AD/GEN/48 Amdt 3 has been determined to be still applicable. The requirement for ensuring the integrity of the fire protection in toilet areas on an aircraft would be reinstated.

**Impact on industry**

Besides the fire protection for toilet areas (the previous obligation set by AD/GEN/48 Amdt 3), the matters dealt with by this proposed amendment:

- are current obligations set by AD
- provide for permanent recognition of CASA policy as set by current legislative instruments
- formalise current ASETPA and policy/procedure.

The matters dealt with therefore provide relief or reflect the status quo.

**Regulation impact statement**

The Office of Best Practice Regulation is expected to determine that the proposed amendments will have only machinery impacts and that no further analysis in the form of a Regulation Impact Statement will be required.

**Closing date for comment**

CASA will consider all comments received as part of this consultation process and incorporate these into a final draft, as appropriate. Comments on the Consultation Draft of CAO 100.5 are to be forwarded to the Project Leader, David Skeoch by close of business 12 January 2015.