

FLYING CONTROL SYSTEM - DUPLICATE INSPECTION

ADVISORY
NOTICE

ADVISORY NOTICE NO: 08082014 REVISION 2
ISSUE DATE: 14 March 2017
TO: All owners of 19 AMATEUR BUILT and 95.10 aircraft
FROM: National Technical Manager
SUBJECT: Flying Control System - Duplicate inspection

Background: The initial issue (Revision 1) of this AN was released on August 8 2014. All applicable aircraft identified above must have complied with this AN. The RAAus Technical Manual states that if any maintenance is carried out on primary flight control systems involving disconnection, adjustment or modification, a duplicate inspection of primary flight control systems or items is mandatory before the aircraft is used. Investigations have identified potential areas of concern relating to the integrity of primary flight controls after adjustment and with concerns that duplicate inspections are not being carried out. As a result Recreational Aviation Australia has mandated this Airworthiness Notice.

Action Required: **MANDATORY duplicate inspection requirement before next flight.**

- 1 Inspections required:
 - 1.1 Following assembly of an aircraft and prior to flight, two inspections of the primary flying control system shall be made to ensure correct assembly and operation.
 - 1.2 Following adjustment, overhaul, repair or replacement of any part of the primary flying control system of an aircraft, two inspections of affected systems shall be made prior to next flight to ensure correct assembly and operation.
 - 1.3 "Correct Assembly and Operation" means that the primary flight control systems and all components and parts have been correctly assembled and adjusted and that locking devices are made safe in accordance with approved procedures and accepted practices. Additionally, inspection should confirm that the controls have full and free movement in the correct sense throughout the specified operating range.
 - 1.4 Each aircraft inspection shall be performed and certified by two individuals that must hold one of the following accreditations: A Recreational Aviation Pilot Certificate holder, L1, L2 Maintenance Authority holder or Licensed Aircraft Maintenance Engineer. One of the inspectors may have been involved in carrying out the work but at least one of the inspectors must have been independent of the work.
 - 1.5 During the inspections specified in this Airworthiness Notice, care should be exercised to ensure no loose objects remain unaccounted for which could subsequently affect the operation of the primary flight control system and the safety of the aircraft.
- 2 REPORTS AND RECORDING:
 - 2.1 On completion of the inspections if any issues are identified, a Recreational Aviation Australia Occurrence report is to be completed through the website oms.raa.asn.au. On completion of the inspection, if nil defects are evident, a statement to that effect is to be recorded in the aircrafts maintenance log book citing 08082014 rev2.