

# Airworthiness Directive

## Alpha HR200 Series and R2000 Series Aircraft



Issued by the Civil Aviation Authority of New Zealand in accordance with section 72I(3A) of the Civil Aviation Act. An Airworthiness Directive (AD) contains regulatory information which is mandatory. An operator of an aircraft must not operate the aircraft unless the operator complies with every applicable AD issued by the Director in accordance with section 72I(3A) of the Civil Aviation Act. An AD is issued where the Director believes on reasonable grounds that an unsafe condition exists in an aircraft or aeronautical product.

### DCA/R2000/42 Ignition Switch – Inspection and Modification or Replacement

**Applicability:** Model R2000 series aircraft, S/N 001 through to 378.  
Model HR200 series aircraft, S/N 001 through to 378.

**Requirement:** To prevent the metal screen shield around the ignition switch grounding the ignition terminals which could result in loss of engine power, accomplish the following:

Inspect the aircraft ignition switch per the instructions in paragraph 3.1 of Alpha Aviation Service Bulletin No. AA-SB-24-002 dated January 2014 or later approved revisions.

If the ignition switch does not have a metal screen shield, then no further AD action is required.

If the ignition switch is fitted with a metal screen shield, then modify the switch per the instructions in paragraph 3.2 or replace the ignition switch per the instructions in paragraph 3.3 of SB AA-SB-24-002.

An ignition switch with a metal screen shield shall not be installed on any aircraft.

(Alpha Aviation SB No. AA-SB-24-002 and EASA AD 2014-0003 refer)

**Compliance:** Within the next 50 hours TIS or by 30 April 2014, whichever occurs sooner.

**Effective Date:** 30 January 2014

A handwritten signature in dark ink, appearing to read 'Owen Olls', is positioned above the printed name and title.

Owen Olls  
Airworthiness Specialist  
Delegate of the Civil Aviation Authority of New Zealand  
29 January 2014