

Airworthiness Directive Schedule

Propellers & Propeller Governors

Dowty Rotal Series

29 August 2013

- Notes**
1. This AD schedule is applicable to Dowty Rotal series propellers and governors.
 2. The UK CAA and the European Aviation Safety Agency (EASA) are the National Airworthiness Authorities (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for Dowty Rotal propellers and governors. State of Design ADs applicable to these propellers can be obtained directly from the NAA web sites. Links to NAA web sites are available on the CAA web site at http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html
 3. For aircraft with a MCTOW in excess of 5700 kg the CAA revised CAR Part 39.51(a)(2) on 1 March 2007 to require compliance with every applicable AD issued by the State of Design of the aircraft, and every applicable AD issued by the State of Design of an aeronautical product that is used on the aircraft. CAR Part 39.51(a)(1) also requires compliance with every applicable airworthiness directive issued by the Director in accordance with section 72I(3A) of the Act.
 4. For aircraft with a MCTOW below 5700 kg the CAA requires compliance with:
 - Every applicable Dowty Rotal propeller and governor AD issued by the UK CAA in CAP476, dated September 2004.
 - Every applicable Dowty Rotal propeller and governor AD issued by the UK CAA in CAP474 at the latest revision, and
 - Every AD issued by the Director in accordance with section 72I(3A) of the Act.

UK CAA CAP476 titled 'Mandatory Aircraft Modification and Inspections Summary', can be obtained from the UK CAA web site at <http://www.caa.co.uk/docs/33/CAP476SEPTEMBER04.PDF>

UK CAA CAP474 titled 'Mandatory Requirements for Airworthiness', can be obtained from the UK CAA web site at <http://www.caa.co.uk/docs/33/CAP474.PDF>
 5. The above date indicates the amendment date of this schedule.
 6. New or amended ADs are shown with an asterisk *

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*** DCA/DOWTY/1A Cancelled – EASA AD 2010-0196R1 refers****Effective Date:** 29 August 2013**DCA/DOWTY/2 Goodrich 'FASTprop' De-icers – Inspection and Replacement****Applicability:** Goodrich De-icing and Specialty Systems "FASTprop" propeller de-icers, P/Ns P4E1188 series, P4E1601 series, P4E2200 series, P4E2271-10, P4E2575-7, P4E2575-10, P4E2598-10, P5855BSW, P6199SW, P6592SW, P6662SW and P6975-11.

These propeller de-icers are installed on, but not limited to, the aircraft listed in table 1 of FAA AD 2005-18-20.

Requirement: To prevent propeller de-icers from detaching from the propeller blade, resulting in damage to the aircraft, and possible injury to passengers and crewmembers, accomplish the following:

1. Inspect propeller de-icers per the accomplishment instructions in paragraphs 2.A(3) through to (5) of Goodrich De-icing and Specialty Systems Alert Service Bulletin (ASB) No. 30-60-00-1. Repair or replace as required before further flight.
2. Inspect propeller de-icers per the 'Pre-flight Walkaround Visual Check' in paragraph 2.A(2) of ASB No. 30- 60-00-1. Repair or replace as required before further flight, per the accomplishment instructions in paragraphs 2.A(3) through to (5) of ASB No. 30-60-00-1.

(FAA AD 2005-18-20 refers)

Note 1: Certificated maintenance personnel must perform the initial inspection per requirement 1. Thereafter the pilot may perform the repetitive visual inspection per requirement 2 in accordance with CAR Part 43, Appendix A. The pilot must be trained and authorised (Part 43, Subpart B refers) and certification must be provided (Part 43, Subpart C refers).**Note 2:** The replacement of "FASTprop" propeller de-icers with a manufacturer approved propeller de-icer, per ASB No. 30- 60-00-1 is a terminating action to this AD.**Compliance:**

1. Within the next 10 hours TIS.
2. Once per day at the first daily preflight inspection.

Effective Date: 27 October 2005*** DCA/DOWTY/3 Cancelled – EASA AD 2010-0196R1 refers****Effective Date:** 29 August 2013