
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/CT4/8 Flap Actuator Assembly – Inspection

Applicability: CT/4 series aircraft, all S/N.

Applicability: To prevent loss of flap control due to the possible installation of an incorrectly manufactured flap drive fitting, accomplish the following:

Inspect the flap actuator assembly per the instructions in Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/CT/138 issue 2, dated 31 July 2018, or later approved revision and determine the P/N of the flap linear actuator fitted to the aircraft.

If a Dukes flap linear actuator P/N 4643-00 is found fitted, no further action is required.

If an APPH flap linear actuator P/N C100470 is found fitted, then accomplish the instructions in Section 2.A and Section 2.B of MSB PACSB/CT/138 issue 2, before further flight.

Compliance: Within the next 50 hours TIS, or the next maintenance inspection, whichever is the sooner.

Effective Date: 28 February 2019

Background: DCA/CT4/8 is prompted by the determination that flap linear actuator P/N C100470 manufactured by APPH Wichita, Inc. (used in the P/N 07-52586-23 installation) has been incorrectly manufactured. The ball nut in the flap drive fitting P/N 07-52579-1 does not conform to the APPH component drawing. Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/CT/138, issue 2 provides rework instructions for the flap actuator assembly P/N 07-52586-23 installation and introduces flap drive fitting P/N 07-52579-2.