



SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: NE-17-27

Date: September 29, 2017

SUBJ: Engine Fuel and Control, Engine Fuel Filter

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) alerts owners, operators, and certificated repair facilities of a quality escape of **Wencor parts manufacturer approval (PMA) main engine fuel filters, part number (P/N) 5905587WE**, used on the Pratt and Whitney Canada Corporation (PWC) engines listed in Table 1. The engines listed in Table 1 are all multi-engine aircraft. At this time, the airworthiness concern is not an unsafe condition that would warrant an Airworthiness Directive (AD) action under Title 14 of the Code of Federal Aviation Regulations (14 CFR) part 39.

Background

During a visual check prior to installation an operator noted excess blue epoxy used in the construction of Wencor fuel filters on the downstream side of the fuel filter's filter media. One quarter of the 36 filters Wencor had in stock had this issue. The concern is the effects on fuel flow to the engine if this epoxy were to liberate. To date, there have been no in service events nor reports of epoxy liberation.

Recommendation

The FAA recommends that all owners and operators of the PWC engines listed in Table 1, with Wencor PMA fuel filters, P/N 5905587WE, installed, or in stock, implement the actions outlined in the Wencor Service Bulletin 160330-5905587WE, Rev A, or later versions.

TABLE 1

PWC Series Engines	Next Higher Assembly (NHA) P/Ns	NHA Description	Air Transport Association (ATA)
PW118, PW119, PW120, PW121, PW123, PW124, PW125, PW126, PW127	5006488, 5008269, 5009980, 5009982, 5009984, 5009986	Power driven rotary fuel pump	73-10-09, 73-10-07

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