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Aviation Accident Investigator

**Date:** January 17, 2023 with discovery confirmed May 2024

**Subject:** Fuel Pump and Control Unit

The IIC (McCarter) and P&W Canada (Mathieu Renaud & Robert Duma) removed two components from the engine for further examination and testing. A fuel pump and a fuel control unit were removed, documented, secured, and placed in a box for shipping to the PWC Labs. Chain of custody documentation was also generated.

PWC provided AMF the shipping details via an e-mail generated on January 17, 2023; included were the "Mishap Investigation" placard, FedEx shipping user account number, and shipping directions. The box with the components, was given to the AMF representative for shipping, however, during this handoff, no FedEx shipping authorization was generated by AMF and the box was not shipped. See figures on the following pages for details.

The IIC and PWC assumed the units were delivered to the labs. Several months later (May 2024), it was discovered that the units were never delivered. Subsequent calls with PWC and AMF revealed that during this handoff, the box was misplaced. A reliable determination could not be made as to what happened to the components or if the items were placed with the wreckage that had been sold.

Components Removed:

1. Fuel Pump 386100 Serial Number: 0730SB73
2. Fuel Control Unit 4138008-3 Serial Number: C75059

Figure 1: Fuel Pump, Fuel Control Unit, and the components shipping box.

**Mishap Engine component**  
for  
**Service Investigation**  
**DO NOT OPEN**

Engine Model: PT6-34AG  
Engine S/N: PH0116  
To the attention of: Mathieu Renaud [REDACTED]  
Please advise Investigator upon arrival

EXPORT CONTROL CLASSIFICATION  
This document does not contain technical data

Hello,

- 1) Use **FEDEX** and specify "Third Party Billing" using account # [REDACTED]  
If a different carrier is used, the shipping costs will be at the shipper's expense unless otherwise agreed with P&WC.
- 2) **-IMPORTANT-**  
Apply the attached label to the containers being shipped and include the engine model and serial numbers.
- 3) Once the hardware is in transit, please forward a copy of the shipping details, including date shipped, shipping company, air waybill and any other relevant information to:  
  
Mathieu Renaud  
E-mail: [REDACTED]
- 4) Ship to:  
  
Pratt & Whitney Canada Corp.  
[REDACTED]  
St Hubert, Québec, J3Y 8Y9  
Canada  
Attn. Mr. Mathieu Renaud [REDACTED]
- 5) Please provide an address for the hardware to be returned after completion of the investigation. Please note that P&WC is not responsible for duties and or customs fees incoming or outgoing.

**Robert Duma, Eng.**  
Air Safety Investigator - Service Investigation | Pratt & Whitney Canada  
[REDACTED]

*Figure 2: E-mail with placard, directions, and shipping details.*