

Follow-up Action on Occurrence Report

ACCIDENT TO PIPER PA-28-161, G-BGPJ, AT WOODVALE AIRFIELD, LANCS ON 17 AUGUST 2006

CAA FACTOR NUMBER : F29/2007
FACTOR PUBLICATION DATE : 13 September 2007
OPERATOR : Private
CAA OCCURRENCE NUMBER : 2006/07484
AAIB REPORT : Bulletin 8/2007

SYNOPSIS

From AAIB Report:

The engine stopped twice following an uneventful local flight. The pilot tried to restart the engine but with no success and he was told that there were flames around the nose landing gear leg. The pilot and passenger evacuated the aircraft rapidly and the fire was quickly extinguished. Examination revealed that one of the two hollow arms of the horse-shoe shaped float in the carburettor contained a substantial amount of fuel, which prevented the needle valve from fully closing. This allowed excess fuel to flow through the carburettor's jets, giving a rich mixture and, at low power, caused the engine to suffer a rich fuel mixture cut. It also caused fuel to pour out of the carburettor into the air box. Safety Recommendation 2007-040 is made to the FAA.

FOLLOW UP ACTION

The one Safety Recommendation made by the AAIB following their investigation is reproduced below together with the CAA's response.

Recommendation 2007-040

It is recommended that the Federal Aviation Administration (FAA) review the continued airworthiness of the Precision Airmotive float, part number 30-804, fitted to Marvel-Schebler/Precision Airmotive carburettors.

CAA Response

This Recommendation is not addressed to the CAA.

CAA Status - Closed