

Rayner Brian

From: david.carreau [REDACTED]
Sent: Thursday, June 20, 2013 11:42 AM
To: Rayner Brian
Subject: RE: "N2585V
Attachments: image2013-06-20-113554.pdf

Importance: High

Brain- My narrative from the 8020-23 and weather repots attached for June 8-9, 2013 from the NWS.

ON JUNE 9, 2013 AT 1320 ZULU HRS. A PRIVATE PILOT OF AIRCRAFT REGISTRATION NUMBER N2585V MODEL CE-170 S/N 18090 OPERATING UNDER 14 CFR 91 FLIGHT RULES DECLARED AN EMERGENCY DUE TO LOSS OF ENGINE POWER (CARBURATOR ICE) DURING HIS FINAL DESCENT TO RUNWAY 02 AT ROBERTSON FIELD, PLAINVILLE, CT (4B8). THE FINAL AIRCRAFT ACCIDENT LOCATION WAS APPROXIMATELY 200 FT. ADJACENT TO THE RIGHT OF RUNWAY 02 IN A WOODED MARSH AREA. THE PILOT ESCAPED WITHOUT INJURY. UPON FURTHER INVESTIGATION OF THE AIRCRAFT IT WAS NOTED THAT THE FUEL SYSTEM CONTAINED EXCESSIVE AMOUNTS OF WATER AT THE DRAINING POINTS OF BOTH WINGS, GASULATOR FILTER BOWL AND CARBURATOR. A DAY LATER AFTER THE AIRCRAFT WAS RECOVERED FROM THE ACCIDENT SCENE, IT WAS NOTED THAT WATER WAS PRESENT IN THE FUEL SYSTEM AT THE WING PORT FROM A RAINSTORM THE PREVIOUS NIGHT. AN ENGINE PERFORMANCE RUN-UP WAS PERFORMED WITH SATISFACTORY RESULTS.

THE ACCIDENT INVESTIGATION REVEALED THAT BOTH MAIN WING FUEL TANK FILLER SUPPLY CAP GASKETS (L/H & R/H) DID NOT ADEQUATELY SEAL THE FUEL TANK SUPPLY FILLER OPENING SURFACES WHEN THE CAPS WERE INSTALLED AND ROTATED TO THE LOCKED POSITION TO THE UPPER SURFACE OF THE WING. ANY RAIN PRECIPITATION WAS ABLE TO SEEP PAST THE CLOSED FILLER CAP TO GASKET AT THE WING FILLER PORT OPENING SURFACES, THEREBY CONTAMINATING THE FUEL SUPPLY IN EACH TANK AND THE FUEL SYSTEM ITSELF. A WEATHER REPORT OBTAINED FROM THE NATIONAL WEATHER SERVICE FOR MERIDEN COUNTY FOR THE DATE OF JUNE 8, 2013 RECORDED A TOTAL OF 3.33 INCHES OF RAINFALL. THE PILOT STATED THAT THE AIRCRAFT WAS NORMALLY PARKED ON THE RAMP AT THE MERIDEN AIRPORT (MMK), LEAVING IT VUNERABLE TO ALL THE WEATHER ELEMENTS. THE AIRCRAFT HAD NOT BEEN FLOWN SINCE JUNE 4, 2013 PER THE ENTRIES MADE BY THE PIC IN HIS PILOT LOGBOOK. SEE WEATHER REPORTS ATTACHED DATED JUNE 8 & 9, 2013.

Mr. David R. Carreau
Aviation Safety Inspector
Flight Standards District Office EA-63
[REDACTED]

Bradley Int'l Airport
Windsor Locks, CT 06096

Please visit our Stakeholder feedback page @:
<http://www.faa.gov/go/afsfeedback>

Tel. [REDACTED]
[REDACTED]