

Folkerts Michael

From: Folkerts Michael
Sent: Friday, April 8, 2022 10:27 AM
To: Folkerts Michael
Subject: Correspondence with carburetor repair station

Mike,

I have had a chance to review the FAA report you forwarded to me. The fuel that they saw coming from the carburetor was likely due to the pressure coming from the fuel pump. If the pressure is much greater than 6psi it will overcome the float/needle & seat. As the bowl fills up it will start dripping out the vent.

Best regards,

Kevin Felts
Mike's Aircraft Fuel Metering Service

From: Folkerts Michael [REDACTED]
Sent: Monday, March 14, 2022 2:01 PM
To: [REDACTED]
Subject: Fuel pump influence on a leak from carb to air box

Hi Kevin,

Hope all is well with you in Tulsa. I'm working on getting caught up! 😊

Regarding a fuel fed fire from last year (FAA report attached): When the FAA rep turned on the fuel pump, although there weren't any fuel line leaks, fuel dripped from the carburetor to the air box (last paragraph in FAA report)

Your exam of carb had no issues identified. With pressure from the fuel pump, how likely would it be for a leak at the needle valve, etc. to be an issue, but that it wouldn't show up unless there was pressure from the fuel pump?

Thanks very much for your thoughts,

Mike

Blue Skies ..

Mike Folkerts
National Transportation Safety Board, Central Region

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