



Department of the Interior

ACCIDENT PREVENTION BULLETIN

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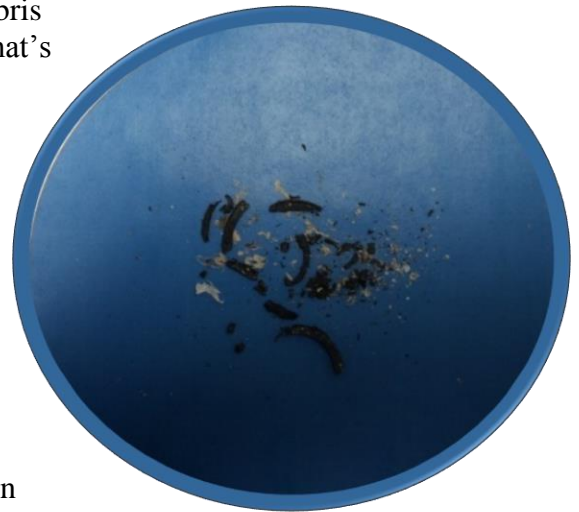
Subject: Aircraft Fuel Nozzle Filters

Area of Concern: Flight Safety

Distribution: All Aviation Activities

Discussion: Last year we discussed aviation fuel filters and how they are a critical fuel system component to ensure fuel delivered at the nozzle is contaminate free ([DOI APB 15-02](#)). Using aviation fuel filters is critical but fuel system component failure downstream of filtration can also occur.

The photograph to the right illustrates an alarming amount of debris that was captured in an aviation fuel servicing nozzle screen. What's more alarming is some aviation fuel dispensing nozzles fail to possess these screens! Pilots should always check to verify that the servicing nozzle has a screen installed. If a screen is missing, a fuel sample into a clean glass container should be analyzed for contamination prior to fuel servicing. Nozzles without screens should be replaced with ones that do have them as soon as possible. The nozzle screen is a critical last chance to prevent contamination...and perhaps worse.



Fuel experts claim that it's not uncommon to find fuel nozzles without these filters installed and that refueling systems using a "service station" type nozzle are typically missing this fuel screen unless modified with the Gammon In-Line screen (Gammon Technical Bulletin 152). If you require any additional information on this subject, please contact Charles Mathwig (OAS Aviation Fuels Specialist) at (907) 271-5061 or charles_mathwig@ios.doi.gov

/s/ Keith Raley

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