

Joshua Young
Air Safety Investigator
AS-ERA

Date: 6/4/2024

Subject: ERA24FA160, Polini Dealer Interview

Contact: Leon Wacker, Owner, Polini Parts

Mr. Wacker was contacted by phone by the IIC on 6/3/2024 and a voicemail was left. He returned the IIC's call on 6/4/2024 at 0918 EDT and the call lasted 6 minutes. Below is a summary of that conversation.

- Mr. Erwin the manager at Aeromarine said he had spoke with you about an issue they were having with the carburation of their engines is this true?
 - Yes, they were having an issue with the engine running too rich.
- Did you make any suggestions to address this?
 - Yes, most people change from the factory carburetor jet to a 118 jet when using 100LL aviation fuel at a mixture of 40 to 1. This will lean the mixture to account for the difference in octane of the US aviation fuel vs. that used in Europe. This was the suggestion provided though he did not know if they did this or not.
- Mr. Wacker stated that it is typical to burn a hole in the piston if the mixture is too lean and noted that a different customer who ran an engine too lean burned a hole in his piston "in about 30 seconds."
- When asked if he knew why the accident airplane would not have used the original factory air box and filter, he stated that he believes they were

unable to fit the airbox from the factory in the cowling of the airplane but that he did not know what they had done to rectify this issue.

Mr. Wacker was thanked for his time and help with the investigation.