

<u>NATIONAL TRANSPORTATION SAFETY BOARD</u>		Time 10:00 am	Date 10/5/2021
RECORD OF: ☐ VISIT ☐ CONFERENCE ☒ TELEPHONE CALL			
Name (s) of Person (s) contacted or in conference and location		Routing	
Mr. Mark Gonzales-Pilot/Builder/ Mechanic		Symbol	Initials
Subject: N1225G-Amateur Built-Quad City Challenger II			
Digest: In a telephone discussion with Mr. Gonzales discussed the findings of the engine examination. Mr. Gonzales removed the engine and borescoped all of the cylinders and the internals of the case. All four spark plugs were removed and examined with no anomalies found. Prior to the accident Mr. Gonzales was making adjustments to the carburetors. He said that both of them were rebuilt with factory parts and in good working order. He said that he did see a small cut on the carburetor fuel line where the clamp holds the fuel line. The line was not pressurized at the time of removal so no leak was observed. Mr. Gonzales also observed that the rubber boot on the carburetor manifold was dry rotted. Mr Gonzales said it could have been a vacuum leak, but he doesn't know. The engine was placed on another airframe for a test run. The engine was started, and a test run was completed successfully with no anomalies. Mr. Gonzales said that looking back he should have not let the RPM get to low.			
Conclusions, Action Taken, or Required: This correspondence was reviewed with Pilot/Builder/Mechanic			
Date 10/5/2021	Title ASI	Signature Alleyne	