



RECORD OF CONVERSATION

Joshua D. Cawthra
Senior Aviation Accident Investigator
Western Pacific Region

Date: June 24, 2020
Person Contacted: Marty King – Vintage Carburetors
NTSB Accident Number: WPR19LA157

Narrative:

During a telephone conversation with Mr. King, he reported that if the enrichment valve is stiff, it effects the fuel flow of the carburetor in the auto lean and auto rich settings. He stated that when the diaphragm of the enrichment valve starts to stiffen up, at engine power settings from idle to high cruise, the engine will run rich with the mixture lever in the auto rich and auto lean positions. However, at higher power settings, such as takeoff power, the fuel flow would be lean with the mixture lever in the auto rich position, inducing the possibility of detonation.