

Tealeye Cornejo
Air Safety Investigator (Field)
AS-WPR

Date: July 8, 2024

Subject: WPR24LA030, Record of Conversation

Contact: Don Brooks, Maintenance, West Valley Aviation

Routine maintenance was performed from 2018-2023 for the hoses. Maintenance consisted of visual checks and making sure the fittings and connections were tight and there were no fluids leaking. Regular maintenance was performed utilizing the United States (US) Army maintenance procedures for a phase inspection check.

The fuel lines on the airframe side located by the fuel shutoff valve are on-condition items to be replaced as needed. At the last annual inspection, the fuel lines on the airframe side were torqued at the fuel valve. There was no logbook entries found that identified that the fuel shutoff valve had been replaced and the operator believed the part to be original equipment manufacturer (OEM). The fuel shutoff valve is an "on-condition" item, which would require replacement only when the component failed to operate.

Due to the fire damage, there was no way to tell if the fuel hoses were OEM or replaced during the 2018 inspection; per maintenance personnel it is likely they were replaced during the 2018 inspection. According to maintenance, the operator utilized the US Army maintenance manual for the UH-1H and noted that the fuel hoses are a replace as needed item. There is also a repair section with approval for the operator to repair and manufacture the fuel hose. As a result of this accident, the operator has instituted a replacement program for the hoses for every 10 years. Additionally, they checked all the hoses on their other helicopters and replaced the fuel hoses as necessary.