



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Western Pacific Region

AIRFRAME AND ENGINE EXAMINATION

WPR17LA040

Accident Date: November 25, 2017
Exam Date: January 18, 2018

This document contains 1 embedded image

A. ACCIDENT

Location: Near Ukiah, Oregon
Date: November 25, 2017
Aircraft: Piper PA-28, N57351
NTSB IIC: Michael Huhn

B. EXAMINATION PARTICIPANTS:

Daniel Boggs
Air Safety Investigator
NTSB
Eastern Region

Robert Martelotti
Piper Aircraft
Vero Beach, FL

C. DETAILS OF THE EXAMINATION

The engine looked intact. The propeller blades were bent aft, midblade. (photo 1). The top spark plugs were removed for boroscoping with a lighted digital boroscope. All the valves and pistons looked like normal wear. The spark plugs looked grey in color and had normal wear. The fuel selector valve was removed and disassembled. No defects noted.

An external fuel tank was connected to the inlet side of the gascolator. The primer was utilized and the electric fuel pump worked and pumped gas to the engine. The battery was weak and a booster was used to jump the battery for starting. After several revolutions the engine started right up and idled without problems. After engine start, it was noted that the oil pressure gauge line was fractured during the accident and started leaking oil at the cracked fitting. The engine was shut down at that point. No mechanical issues were noted with the engine.



Figure 1 - Airframe with Engine Attached