



MEMORANDUM FOR RECORD

Eric Alleyne
Air Safety Investigator
National Transportation Safety Board
Office of Aviation Safety - Eastern
Region

FAA Inspector: Cheryl King
Interview date: 4/13/2023
Aircraft: N1907A / Piper PA-18AS
Subject: Hydraulic system discussion

The information below was discussed via telephone interview.

In a telephone discussion with Inspector King, it was determined that the hydraulic hand pump leak was not significant enough to deplete the system. Although wear marks were identified on the hand pump shaft, they did not result in a failure. Despite the pilot being aware that the landing gear was not retracted, the pilot proceeded with the decision to land on water, resulting in the airplane flipping over and becoming inverted. Therefore, the wing spars were found to be bent, leading to substantial damage to the aircraft.