



MEMORANDUM OF RECORD

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

Pilot/owner: Zachary Voorhees
Aircraft: N196DJ
Subject: Experimental engine
examination (Lycoming O-320 series)

The statement below was taken during an NTSB investigator interview with the Pilot/owner.

According to pilot/owner he just purchased the airplane and it was sitting for 10 years. He said that the engine was assembled in the mid 90's, and he wasn't sure if new parts were used. The engine was disassembled for inspection of the engine and the oil pressure relief valve was removed. The housing was inspected and no anomalies were noted. When the spring was removed it was discovered that the oil pressure relief valve spring corroded, pitted, and broken. The crankshaft was removed and the bearing journals displayed scoring and overheating from lack of lubrication.