



MEMORANDUM OF RECORD

Eric Alleyne
Air Safety Investigator
Eastern Region Aviation

May 23, 2015

Subject: Worn cam lobes
Party member: Lycoming
Follow up discussion: Engine examination findings

During the examination of the engine it was noted that the cam lobe which services the No. 3 intake and No. 4 exhaust cam followers was worn. The cam lobe was measured at 1.364 inches using an uncalibrated dial caliper. The No. 4 exhaust lobe was measured at 1.464 inches. The No. 3 intake and No. 4 exhaust cam followers were pitted and worn. It was asked how this discovery would affect the performance of the engine. The Lycoming representative stated that they have no engine performance data with worn cam lobes that would show performance numbers.