



NTSB MEMORANDUM OF RECORD

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Eastern Region, Office of Aviation Safety (AS-ERA)
National Transportation Safety Board

NTSB Accident Number: ERA22LA369
Subject: Correspondence Summary Related to Engine Overhaul History
Date: 10/26/2022

I wrote to the operator (Vector Aviation, LLC) to inquire about the overhaul history of the accident airplane on October 25, 2022. I received a response the same day which stated:

It is our understanding that the engine had been overhauled prior to us purchasing the aircraft. We have no record of any engine overhauls. The logbooks from 12/1/1995 through 5/18/2016 were missing when we purchased the aircraft, so the first entries we have which estimate SMOH were from our pre-purchase inspection on 5/19/2016 (see attached). The mechanic who completed the pre-purchase inspection indicated that, in his files, he had records of the engine being overhauled.

The attachment is included as pages 2 and 3 of this memorandum.

YEAR 20 <u>16</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/19/16	2110.6	HOBBS 17.4		- THIS LOG IS STARTED ON 5-18-16 DUE TO THE LOSE OF LOG BOOKS FROM 12-1-95 THRU 5-18-16 THE TOTAL TIMES ESTABLISHED ABOVE WERE BASED ON MAINTENANCE RECORDS ON FILE AT OUR STATION.
5-18-16	TAT (TACH) 2110.6	& HM 17.4	(ADD 160.0)	TET SMCH 777.4 COMPRESSION CHECK - ① 71/80 ② 74/80 ③ 71/80 ④ 72/80 - CHANGED OIL & FILTER, ADDED 5 QTS AEROSHELL 15W50. CLEAN & CHECK PLUGS & TIMING. WASHED ENGINE. COMPLIED WITH AD 98-02-08, CRANKSHAFT INSPECTION. VERY MINOR Pitting, & NO CRACKS WERE FOUND, NEXT

YEAR 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
CONT.				MEASUREMENT OF CRANKSHAFT ID WAS 1.879. THIS SHAFT HAS BEEN FOUND TO BE AIRWORTHY FOR CONTINUED SERVICE. NEXT INSPECTION IS DUE AT TACH 2210.6 OR HM 117.4
				Date <u>5/19/16</u> TACH Hr Meter <u>2110.6</u> Total Time <u>117.4</u> SMCH I certify that this <u>ENGINE</u> Has been inspected in accordance with a <u>LOCAL/FAA/CAA</u> Inspection using the Manufactures Service Instruction Manual and FAR 43 Appendix "D" as a guide. This inspection is completed and this <u>ENGINE</u> Was found to be airworthy for return to service. AD Notes thru BW <u>2016-08</u> have been checked for compliance. Discrepancies are found in the aircraft permanent records. <u>[Signature]</u> Bruce Bulloch <u>[Signature]</u> AF <u>[Signature]</u> A