



ENGINE MAINTENANCE RECORDS

Aircraft Registration _____
Engine Position SINGLE
Engine Serial No. 1075536



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N1564D

Engine Manufacturer TOM

Model 10-550-B

Serial No. 675536

Date installed on aircraft _____

Time Between Overhauls (TBO) 1700 Hours

If used on multi-engine aircraft:

Right Left

254/752-8381

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

FAX 254-752-3307

1-800-445-9713

"LOGBOOK FORMAT REPRINTED WITH THE PERMISSION OF AEROTECH PUBLICATIONS, INC.,
THE ADLOG (TM) SYSTEM, COPYRIGHT 1979."

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
7/09/08	988.0 (SFR)	0.0	



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM IO-550-B Engine S/N 675536

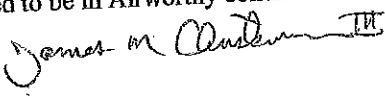


Above referenced engine overhauled to new parts limits per FAR 43.2 (a)(1)(2) to conform w/TCM SM X-30568A. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnafluxed and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. J dated 2/19/08. Installed new RAM camshaft P/N 1058-1A, S/N A08038 as direct PMA replacement of TCM camshaft. Installed overhauled VAR crankshaft p/n 649900 s/n E309706N per TCM CSB96-8. C/W ultrasonic inspection per MSB96-10 due at next overhauled or when crankshaft removed. AD 99-19-01 C/W and found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled TCM heavy style crankcase P/N 646613-2, S/N L179712R. Installed new ECI Titan Nickel cylinders. AD 88-17-03 is C/W per starter adapter P/N 642087A69 installed. Installed overhauled oil cooler P/N 635996, S/N J07-52293-4. AD 86-13-04 R3 and AD 93-10-02 N/A per cylinders installed. MSB02-9 (ECI Cylinders) N/A per date of manufacture. AD 2004-08-10 (ECI MSB04-1,(Rev. 2) N/A per cylinder serial numbers installed. MSB06-2, Rev. 2 (ECI Cylinders) N/A per cylinder serial numbers installed. Engine accessories exchanged for overhauled or new units with exception of prop governor, tach generator, hydraulic pump and vacuum pump, which were not installed per this work order. Alternator shipped with engine to be installed by engine installer. Slick magnetos P/N 6310 installed. MSB94-8C on magnetos timing procedure C/W per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Installed RAM/FAA/PMA rocker arms P/N 1842-3 and 1842-4. AD 98-01-08 N/A per installation of RAM/FAA/PMA rocker arms. AD 93-08-17 not applicable per oil pick-up tube P/N. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Above referenced engine eligible for 1700 hr. TBO per TCM SIL98-9 Rev. A. AD 88-03-06 and AD 91-19-03 are N/A per oil filter installed this date. Installed RAM/FAA/PMA rocker box cover gaskets P/N 1387-1. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-2. C/W AD 93-16-15 per TCM MSB95-6 installation of fuel pump drive coupling P/N 653359. Aluminum alloy engine parts were coated per RAM specifications No. 1142. Engine ground run on test stand per RAM specifications for 4 hours. C/W Slick Service Bulletin SB3-08, Compliance Step 1. All components inspected and found acceptable limits at this time. Re-inspect magneto every 15-20 hours of operating time until the total magneto operating time exceeds 50 hours. See Service Bulletin instructions for subsequent inspections. Engine run in with Phillips 20W-50 Type mineral oil. See RAM recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under project no. 4217/47324.

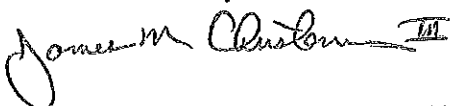
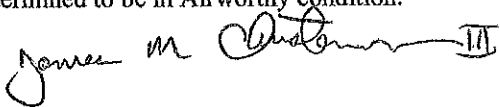
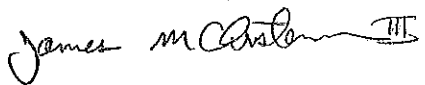
RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
09-01-08				Hobbs ans TT 580 TSMOH 0 Remove engine and replace with RAM IO-550-B s/n 675536. Replace all FWF hose assemblies with new. Replace all engine lord mounts with new, repaired, prime and paint engine baffling. Replace all baffle seal with new, replace de-ice brushes with new, replace back-up generator with new, evacuate freon and service A/C with R12. Engine ground run and fuel system set up performed. Aircraft test flown and no leaks noted. All found to be satisfactory for service. All work performed IAW Beechcraft A-36 service manual, RAM engine installation instructions. James M. Chrestensen III AP587110844 <i>James M Chrestensen III</i>
03-22-09				Tach 602 TSMOH 22 Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50. Oil sample taken. Diff. Comp. (1)76/80(2)75/80(3)78/80(4)72/80(5)78/80(6)78/80, adjust magneto timing adjusted to spec. Inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual. I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition. James M. Chrestensen III AP587110844IA <i>James M Chrestensen III</i>

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
04-11-10				<p>Hobbs 657 TSMOH 77</p> <p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend. Oil sample taken. Diff. Comp. (1)78/80(2)75/80(3)78/80(4)74/80(5)76/80(6)78/80, adjust magneto timing adjusted to spec. Inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall. Replace 1 defective Autolite with new champion spark plug, clean spark plugs, gap and reinstall. C/W AD 09-16-03 n/a by no Sap installed, C/W AD 09-19-07 C2 n/a by no TCM installed, C/W AD 09-24-52E n/a by p/n installed. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP587110844IA</p> 
05-01-11				<p>Hobbs 697 TSMOH 117</p> <p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend. Diff. Comp. (1)78/80(2)78/80(3)78/80(4)78/80(5)78/80(6)78/80, inspect magneto timing, ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. C/W AD 10-11-04 n/a by no TCM p/n installed. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 
06-22-12				<p>Hobbs 731 TSMOH 151</p> <p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend. Diff. Comp. (1)70/80(2)60/80(3)74/80(4)72/80(5)74/80(6)72/80, inspect magneto timing, ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. C/W AD 12-03-06 n/a by p/n installed, C/W AD 12-10-13 N/A by p/n. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
08-11-13	Hobbs 759	TSMOH 179		<p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend.Diff. Comp. (1)70/80(2)60/80(3)74/80(4)72/80(5)74/80(6)72/80, inspect magneto timing , ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 
09-07-14	Hobbs 811	TSMOH 231		<p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend.Diff. Comp. (1)74/80(2)70/80(3)78/80(4)78/80(5)74/80(6)76/80, inspect magneto timing , ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 
11-11-15	Hobbs 861.8	TSMOH 281.8		<p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend.Diff. Comp. (1)71/80(2)76/80(3)74/80(4)75/80(5)78/80(6)77/80, inspect magneto timing , ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 
02-01-17	Hobbs 892.5	TSMOH 312.5		<p>Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell 15w50 and 2 cans Avblend.Diff. Comp. (1)72/80(2)79/80(3)74/80(4)78/80(5)76/80(6)72/80, inspect magneto timing , ok. Replace induction air filter, inspect induction and exhaust system, clean fuel strainer and clear vents. Clean all fuel nozzles and reinstall, clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Beechcraft A36 maintenance schedule in service manual.</p> <p>I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.</p> <p>James M. Chrestensen III AP 3507385 IA</p> 