



**ENGINE
MAINTENANCE
RECORDS**

Aircraft Registration N7937M
Engine Position _____
Engine Serial No. 675391



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N7937M

Engine Manufacturer TCM

Model 10-550-B

Serial No. 675391

Date installed on aircraft SEPT. 15, 2006

Time Between Overhauls (TBO) 1,700 Hours

If used on multi-engine aircraft:

Right Left

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME

TOTALS brought forward from previous page

Engine Previous Total: 1261.7
 Since Major Overhaul: 0.0
 Date: 08-22-06



TCM IO-550-B Engine S/N 675391

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. F dated 7/06/05. Installed new RAM camshaft P/N 1058-1A S/N L05010 as direct PMA replacement of TCM camshaft. AD 97-26-17 C/W per installation of overhauled VAR crankshaft P/N 649900 S/N J279801N per TCM CSB96-8. C/W ultrasonic inspection of overhauled due at next overhaul or when crankshaft removed. AD 99-19-01 P/C/W dated 4-30-99. See TCM compliance tag. C/W TCM MSB99-3C per para C (1) (2). AD 2000-23-21 and MSB00-5D P/C/W 7-7-2000. See logbook entry for TCM core sample sign off. Engine assembled with new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. 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 letter "A" or "E" stamped on flange of rocker box. Engine accessories exchanged for overhauled units with exception of prop governor, tach generator, alternator and vacuum pump which were not installed per this work order. CSB 02-80 (Bendix Magnetos) N/A per capacitor and vacuum red insulator installed. C/W TCM CSB04-5 per capacitor ground stud torque check. AD 82-13-01 (Bendix Magnetos) is N/A per Quality Aircraft Accessories, Inc. overhauled magnetos installed. MSB94-8A on magneto 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 -4. AD 98-01-08 n/a per installation of RAM/FAA/PMA rocker arms. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416C Class 2, Type II. Installed re-cored oil cooler P/N 635996, S/N D06-47375-6. AD 93-08-17 not applicable per oil pick-up tube P/N. C/W AD 95-03-14 per installation of new style engine mount brackets P/N 653305 and 653306, this terminates inspection requirements of this AD. 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. Unpainted aluminum alloy engine parts were coated per RAM Specifications No. 1142. Engine ground run on test stand per RAM specifications for 4 hours. Engine run-in with Phillips 20W-50 Type M 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. 2876.

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

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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
2006	1261	0	4365	TOTALS brought forward from previous page
September 15, 2006				
N7937M TTAF 4365 TTE 0.0 Removed engine model IO-550B4F s/n 281825-R with a total time of 937 hours... Installed zero time RAM Engine model number IO-550B4F s/n 675391 which included new lord mounts and fuel / oil hoses; reinstalled overhauled prop governor s/n 751540. I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. 9-15-06 Hal Brannon IA 417621366A & P Hal Brannon 3045231				
10/15/06	1284 4388	23	4388	Changed oil & filter 124TS AeroShell 100 Plus Owner/Pilot S Holden
12/15/06	1314 4418	53 83	4418	Changed oil & filter Owner/Pilot S Holden
6/8/07	1344 4448	83	4448	Changed Oil & Filter 120TS AeroShell 100 Plus Owner/Pilot S Holden
8/6/07	1376	115	4480	Changed Oil & Filter 120TS Aeroshell 100 Plus Owner Pilot S Holden
SUB-TOTALS this page				
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				TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE

Nov.19-2007 Engine TSOH 123.5 hr TTAF 4488.5 N7937M

Annual inspection this tach time and date. Checked compressions as follows. #1-76, #2-76, #3-74, #4-78, #5-76, #6-76. Cleaned and rotated spark plugs. Replaced vacuum filters P/N's 1J4-7 and D9-18-1 and foam filter to induction system P/N BA7112. I certify that this ^{ENGINE} aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Hal Brannon IA 3045231 *Hal Brannon IA 3045231*

MAKE/MODEL: Beechcraft/35-C33A S/N: CE79 Reg: N7937M Date: Sept. 19, 2008

Engine: TCM IO-550B S/N 675391
 Aircraft Total Time: 4518.0
 Engine Previous Total: 1261.7
 Since Major Overhaul: 153.0

100 hr. and annual inspection completed this date in accordance with current TCM maintenance and inspection guide, and Beechcraft 35-C33A Maintenance Guide. Compression check, 1-79/80, 2-77/80, 3-77/80, 4-78/80, 5-75/80, 6-76/80. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

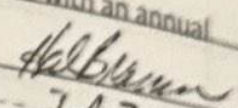
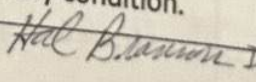
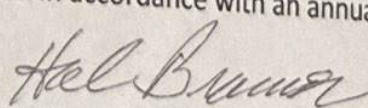
Hal Brannon
 Hal Brannon A&P 3045231-IA

MAKE/MODEL: Beechcraft/ 35-C33A S/N: CE79 Reg: N7937M Date: Oct. 15, 2009
 Total Time: 4540.0 Eng Model: 10-550-B S/N: 675391 TSO: 175.0

100hr and annual inspection completed this date in accordance with current TCM maintenance and inspection guide, and Beechcraft 35-C33A Maintenance guide. Compression check, 1-75/80 2-74/80, 3-76/80, 4-75/80, 5-74/80, 6-75/80. Changed oil and filter, serviced with aeroshell 100 plus. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

Hal Brannon
 Hal Brannon A&P 3045231 IA

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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
N7937M MODEL: 35-C33A S/N: CE79 Aug. 5, 2011 TTAF: 4575.0 ENG				
TSO: 210.0 ENG MODEL: IO-550-B S/N: 675391				
ENGINE LOG				
100 hour and annual inspection completed this date per FAR 43 appendix D. Changed oil and filter. Serviced with Aeroshell 100 plus. Installed new CH48109-1 oil filter. Compression check: 1-79/80, 2-76/80, 3-78/80, 4-76/80, 5-77/80, 6-78/80. Cleaned and inspected spark plugs. AD's checked thru Bi-weekly 2011-16 Dated Aug 1, 2011.				
I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.				 IA-3045231
ENGINE LOG				
N7937M MODEL: 35-C33A S/N: CE79 Sept. 11, 2012 TTAF: 4605.0				
Engine TSO: 240.0 ENG MODEL: IO-550-B S/N: 67539				
100 hour and annual inspection completed this date per FAR 43 appendix D. Changed oil and filter. Serviced with Aeroshell 100 plus. Installed new CH48109-1 oil filter. Compression check: 1-72/80, 2-72/80, 3-79/80, 4-74/80, 5-75/80, 6-72/80. Cleaned and inspected spark plugs.				
I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.				 IA 3045231 AFP
MAKE/MODEL: BEECHCRAFT 35-C33A S/N: CE79 REG: N7937M DATE 10/24/2013 Aircraft Total Time: 4624.0 ENG. MODEL IO-550-B S/N: 67539 ENGINE TSO: 259.0				
100hr and annual inspection completed this date per FAR 43 Appendix D. Serviced with Aeroshell 100 plus. Installed new filter p/n: CH48109-1. Compression check: 1-78/80, 2-76/80, 3-76/80, 4-78/80, 5-74/80, 6-75/80.				
I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.				 Hal Brannon IA3045231 A&P
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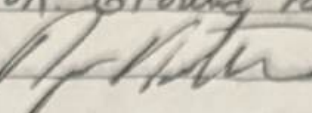
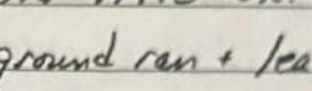
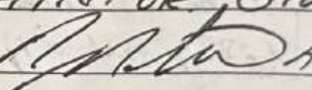
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	TIAF			TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE N7937M
10/12/17	4628.0	263.0	4628.0	100hr and annual inspection completed this date in accordance with FAR 43 appendix D. Changed oil and filter, CH48109-1 oil filter and Aeroshell 100 plus. Compression check 1-74/80, 2-74/80, 3-74/80, 4-74/80, 5-74/80, 6-72/80. AD 2016-16-12, FCI cylinders applies. All cylinders must be replaced by no later than cylinder time 1160 hrs. I certify that this engine has been inspected IAW AN annual insp and was found to be in airworthy condition. AJP Buehler IA304513A
March 7, 2018			Tach Reads - 4649.91 Hrs.	Changed oil and filter. Added 12qts Aeroshell 15W50 and new CH48109-1 filter. Inspected old filter - ok. Ground run - leak checked ok. AJP Buehler AIP3507009
				N7937M Beechcraft 35-C33A Engine Log.
			6-22-2018 Tach Reads - 4676.31 Hrs.	Changed oil and filter. Added 11qts Aeroshell 15W50 and new CH48109-1. Inspected old filter - ok. Ground run and leak checked. AJP Buehler AIP3507009
				NOBLE AVIATION L.L.C. 1332 ADAMS ROAD EAGLE RIVER, WI 54521 715-477-0719
				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
November 27, 2018				<p>Tach Reads and ACTT- 4720.15 Hrs. SMOH- 355.15 Hrs.</p> <p>Performed Annual/100Hrs. inspection this date. Changed oil and filter. Added 12 qts Aeroshell 15W50 and new CH48109-1 Filter. Inspected old filter-ok. Cleaned, gapped and tested plugs. Checked mag timing using dial indicator-both 22° BTC. Checked compression- #1 75/80 #2 75/80 #3 76/80 #4 74/80 #5 75/80 #6 74/80. Ground ran and leak checked. Operated normally in all parameters. *AD 2016-16-12 FCI cylinders must be replaced by 1000 hrs - (5365 Hrs- ACTT) See complete AD list in "Aircraft Permanent Records." I certify that this Engine has been inspected JAW an Annual/100Hrs. inspection and was determined to be in Airworthy condition.</p> <p><i>[Signature]</i> ATP 3509009 JA Noble Aviation LLC</p>
March 22, 2019				<p>Tach Reads - 4754.8 Hrs. Changed oil and Filter. Added 11 qts Aeroshell 15W50 and new CH48109-1 Filter. Inspected old filter-ok. Added 1 can of Cam Guard per owner. Ground ran. leak checked.</p> <p><i>[Signature]</i> ATP 3509009</p>
				SUB-TOTALS this page
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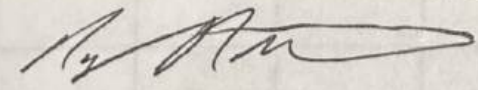
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
July 10, 2019			Tach + ACTT - 4781.02	Changed oil and filter. Added 11qts Aeroshell 15w50 and one bottle Camguard. Installed new CH48109-1 filter. Inspected old filter - ok. Took oil sample for customer. Ground run + leak checked. <i>[Signature]</i> ATP 3509009
December 5, 2019			Tach + ACTT - 4999.93	SMOH - 434.93 Performed Annual/100Hrs inspection JAW FAR43 AppD. Changed oil and filter. Added 11qts Aeroshell 15w50 and new CH48109-1 filter. Inspected old filter - ok. Sent out oil for analysis - see report - ok. Cleaned, gapped and tested plugs. Reamed mag's for 500 Hrs. inspection and re-installed w/new gaskets. timed to 22° BTC using dial indicator method. Checked compression - #1 79/80 #2 79/80 #3 79/80 #4 68/80 #5 79/80 #6 75/80. Installed IPI sensors on LH mag, oil pressure, mp, OAT. parallel wire to existing shadin transducer. Installed Tenis preheater Kit s/n 54762. See Aircraft Permanent Records for above kit information - 337's, STC's, JCA etc. and airworthiness directives. Ground run and leak checked. Normal in all parameters. AD 2016-16-12 due @ 5365.0 Hrs. ACTT.
I certify that this Engine has been inspected JAW an Annual/100Hrs inspection and was determined to be in airworthy condition. <i>[Signature]</i> ATP 3509009 JA				

SUB-TOTALS this page Noble Aviation LLC

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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				
Jan 7, 2020	2020	Tach	Reads - 4832.78 Hrs.	Changed oil and filter. Added 11 qts Aeroshell 15W50 and new CH48109-1 filter. Inspected old filter - OK. Ground ran + leak checked.  A&P 3509009
March 10, 2020	2020	Tach	Reads - 4872.59	Changed oil and filter. Added 11 qts 15W50 and new CH48109-1. Inspected old filter - OK. Took oil sample for customer. Ground ran + leak checked.  A&P 3509009
June 23, 2020	2020	Tach	Reads - 4906.93	Changed oil and filter. Added 11 qts 15W50 and new CH48109-1 filter. Added 1 bottle Cam Guard. Inspected old filter - OK. Ground ran + leak checked.  A&P 3509009

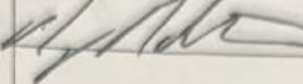
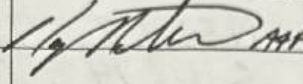
JANUARY 12, 2021 TACH AND ACTT- 4935.12 HRS. 570.12 SMOH PERFORMED ANNUAL/100 HRS. INSPECTION IAW FAR 43 APP D AND BEECHCRAFT 35-C33A MAINTENANCE MANUAL. CHANGED OIL AND FILTER. ADDED 10 QUARTS AEROSHELL 15W50 AND 16 OZ. CAMGUARD. INSTALLED NEW CH48109-1 FILTER. INSPECTED OLD FILTER-OK. SENT OIL SAMPLE OUT FOR ANALYSIS. CLEANED, GAPPED AND TESTED PLUGS. INSTALLED WITH NEW M674 GASKETS. CHECKED MAG TIMING USING DIAL INDICATOR METHOD. BOTH 22 DEGREES BTC. CHECKED COMPRESSION- #1- 77/80, #2- 78/80, #3- 78/80, #4- 77/80, #5- 79/80, #6- 79/80. RE-TORQUED ALL INTAKE HOSE CLAMPS. CHECKED INTAKE DRAIN CHECK VALVE FOR PROPER OPERATION. REPLACED ALTERNATOR (500 HR.) AND ENGINE SHOCK MOUNTS. SEE AIRFRAME LOG FOR MORE INFO. GROUND RAN AND LEAK CHECKED. SET IDLE MIX AND SPEED TO SPEC. PERFORMED NORMALLY IN ALL PARAMETERS. AD2016-16-12, CYLINDER REPLACEMENT IS DUE AT 5365 ACTT. SEE COMPLETE AD LIST IN AIRCRAFT PERMANENT RECORDS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL/100 HRS. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.




ROGER SHADICK A&P3509009IA NOBLE AVIATION L.L.C. EAGLE RIVER, WI.

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TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE				
May 8, 2021			Tach + ACTT- 4972.8 Hrs.	Changed oil and filter. Added 11qts Aeroshell 15w50 and new CH48109-1 filter. 1 bottle of Camguard added. Ground ran + leak checked. Filter -ok.  AIP 3509009
July 8, 2021			Tach Reads- 5003.35 Hrs.	Changed oil and filter. Added 11qts 15w50 Aeroshell and CH48109-1. Inspected old filter-ok. Added 1 bottle of CamGuard. Installed Replacement JPI Magneto RPM Sensor pt. no. 420815-2 S/N-123395. Ground ran + leak checked -ok.  AIP 3509009 Noble Aviation LLC
Nov 8, 2021			Tach Reads- 5033.06 Hrs	Changed oil and filter. Added 11 qts 15w50 Aeroshell and CH48109-1 oil filter. Added 1 16oz bott# Camguard. Ground ran + leak checked. Inspected oil filter -ok. Approved Owner/operator PP cert # 2755439

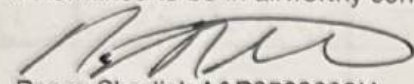
January 25, 2022 Tach and ACTT- 5048.52 hrs. SMOH- 683.52 hrs. Performed annual/100 hrs. inspection this date. Changed oil and filter. Added 11 quarts Aeroshell 15W50, 1 Camguard and new CH48109-1 filter. Inspected old filter-ok. Cleaned, gapped and tested plugs. Installed with new M674 gaskets. Reset mags to 22 degrees BTC. Checked compression- #1- 75/80, #2- 79/80, #3- 78/80, #4- 75/80, #5- 79/80, #6- 79/80. Ground ran and leak checked. Performed normally in all parameters. AD16-16-12 cylinder replacement is due at 5365.0 ACTT. See complete AD list in aircraft permanent records. I certify that this engine has been inspected IAW an annual/100 hrs. inspection and was determined to be in airworthy condition.


 Roger Shadick A&P3509009IA

Noble Aviation L.L.C. Eagle River, WI.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	YARD OR REPAIRS/ALTER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
August 10, 2022			Tach Reads	TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE 5074.95 Changed oil + filter Added 11 qts Aeroshell 15W50 and CH 48109-1 oil filter. Added 1 pint bottle Camguard. Ground ran + leak checked. Inspected oil filter-ok. Annual Owner/operator PP cert # 2755439

February 8, 2023 Tach and ACTT- 5110.17 hrs. SMOH- 745.17 hrs. Changed oil and filter. Added 11 quarts Aeroshell 15W50 and new AA48109 filter. Inspected old filter-ok. See oil analysis dated 1-30-23 US Oil Chek. Cleaned, gapped and tested plugs. Installed with new M674 gaskets. Reset magnetos to 22 degrees BTC. Checked compression- #1- 73/80, #2- 78/80, #3- 78/80, #4- 75/80, #5- 79/80, #6- 76/80. Boroscoped cylinders-ok. Installed new throttle/mixture spring part no. 628371. Replaced throttle control to throttle arm bolt with new. Ground ran and leak checked. Performed normally in all parameters. AD16-16-12 cylinder replacement is due at 5365.0 ACTT. See complete AD list in aircraft permanent records. I certify that this engine has been inspected IAW an annual/100 hrs. inspection and was determined to be in airworthy condition.


Roger Shadick A&P3509009IA

Noble Aviation L.L.C. Eagle River, WI.

August 6, 2023			Tach Reads	N334WS 5146.14 Changed oil + filter Added 11 qts Aeroshell 15W50 and CH 48109-1 oil filter. Added 1 pint bottle Camguard. Ground ran + leak checked -ok. Inspected oil filter-ok Annual Owner/operator PP cert # 2755439
Dec 17, 2023			Tach Reads	N334WS 5180.14 Changed oil + filter Added 11 qts Aeroshell 15W50 and CH 48109-1 oil filter. Added 1 pint bottle Camguard. Ground ran + leak checked -ok. Inspected oil filter-ok Annual Owner/operator PP cert # 2755439

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March 5, 2024	Tach and AGTT- 5182.97 hrs.	SMOH- 817.97 hrs.		<p>Removed oil filter and inspected for gapped and tested plugs. Installed new AA48109 filter. Added 1 quart Aeroshell 15W50. Oil was not changed. Cleaned method. Both 22 degrees BTC. Checked compression- #1- 71/80, #2- 75/80, #3- 77/80, #4- 79/80, #5- normally in all parameters. AD16-16-12 cylinder removal and replacement is due at 5365.0 AGTT. See complete AD list in aircraft permanent records. I certify that this engine has been inspected IAW an annual/100 hrs. inspection and was determined to be in airworthy condition.</p> <p><i>[Signature]</i> Roger Shadick A&P3509009IA Noble Aviation L.L.C. Eagle River, WI.</p>
June 16, 2024	Tach Reads 5002.13			<p>Changed oil + filter Added 11 qts Aeroshell 15W50 and CH 48109-1 oil filter. Added 1 pint bottle of Camguard. Ground ran + leak checked - ok. Inspected oil filter - ok. Approved Owner/Operator PPLcat #2755489</p>
Oct 4, 2024	Tach Reads 5255.06			<p>Changed oil + filter. Added 11 qts Aeroshell 15W50 and AA 48109 oil filter. Added 1 pint bottle of Camguard. Ground ran + leak checked - ok. Inspected oil filter - ok. Approved Owner/Operator PPLcat #2755439</p>
Jan 14, 2025	Tach Reads 5291.83			<p>Changed oil + filter Added (1) qts Aeroshell 15W50 oil and (1) CH 48109-1 oil filter. Added (1) pint bottle of Camguard. Ground ran + leak checked - ok. Inspected oil filter - ok. Approved Owner/Operator PPLcat #27554</p>

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ENGINE ENTRY
637 Aviation Way
Walterboro, SC 29488
Acr S/N: CE-79
Work Order: LC25-0560

Date: 03/24/2025	Reg #: N334WS	Acrft Make/Model: Beech 35-C33A	
Acrft TT & Tach Time: 5,292.64 Acrft Hobbs: 506.9	Eng Make/Model: Continental IO-550-B	Eng Serial: 675391	

SCHEDULED MAINTENANCE:

1) Complied with Annual Engine Inspection IAW Beech 35-C33A Maintenance Manual. Engine Compression: check complied with. Cyl #1: 79, Cyl #2: 78, Cyl #3: 79, Cyl #4: 79, Cyl #5: 78, & Cyl #6 76. Run-up and leak check satisfactory. Oil filter and Oil change previously on January, 14th, 2025 at Tach Time: 5,291.83. Current Tach Time 5,292.64.
The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Sign: Jalr M. ... A&P and IA # 2770150

October 27, 2025	Tach reads 5329.13	Charged oil and oil filter Added (11) quarts ArcoShell 15W50 oil and (1) CH 48109-1 oil filter. Added (1) pint bottle Comguard. Ground ran and leak checked - ok. Inspected oil filter - ok. Manning Owner/Operator PP Cert# 2755439
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May 9, 2026 JPI Tach and ACTT- 5341.33 hrs. Engine TT- 2238.03 Hrs. Since Ram overhaul- 976.33 hrs. Since Top Overhaul- "0" hrs. Changed oil and filter. Added 11 quarts Phillips 20W50 type "M" mineral oil. Installed new AA48109 oil filter. Inspected old filter- ok. See oil analysis dated 4-30-2026. Cleaned, gapped and tested plugs. Re-installed magnetos after 500 hrs. inspection by Horizon Aircraft Engine Services, Inc. See release tags dated 4-20-2026 for more info. Set magneto timing to 22 degrees BTC using dial indicator method. New gaskets and drive cushions installed with mags. Removed all 6 cylinders due to ECI AD2016-16-12. Installed 6 new Superior Millennium cylinder assemblies part number SA52006-A23P. Serial numbers as follows- #1- 1467-526000032998, #2- same prefix- 32999, #3- same prefix- 33000, #4- same prefix- 33001, #5- same prefix- 33002, #6- same preifx- 33003. Installed with all new supplied seals and gaskets. Replaced 8 intake hoses 654439-1. Replaced all lifters with new Superior SA646277 (exhaust) and SA628488 (intake) due to very minor surface pitting of originals. Cam was inspected per TCM guidelines and found to be like new. All work was done per Chapter 10 of TCM Standard Practice Maintenance Manual, IO-550 Permold Series Engine Maintenance and Overhaul Manual and Superior Service Letter- L05-09 B (ring gap) instructions. Re-installed starter, alternator and prop governor with new seals and gasket as required. Installed new seals and gasket on oil filler adapter and cap. Ground ran per break-in instructions. Performed normally in all parameters. See complete AD list in aircraft permanent records. I certify that this engine has been inspected IAW an annual/100 hrs. inspection and was determined to be in airworthy condition.

Roger Shadick A&P3509009IA Noble Aviation LLC Eagle River, WI.

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				



ENGINE ENTRY
637 Aviation Way
Walterboro, SC 29488

Date: 03/24/2025	Reg #: N334WS	Acft Make/Model: Beech 35-C33A	Acft S/N: CE-79
Acft TT & Tach Time: 5,292.64 Acft Hobbs: 506.9	Eng Make/Model: Continental IO-550-B	Eng Serial: 675391	Work Order: LC25-0560

SCHEDULED MAINTENANCE:

1) Complied with Annual Engine Inspection IAW Beech 35-C33A Maintenance Manual. Engine Compression: check complied with. Cyl #1: 79, Cyl #2: 78, Cyl #3: 79, Cyl #4: 79, Cyl #5: 78, & Cyl #6 76. Run-up and leak check satisfactory. Oil filter and Oil change previously on January, 14th, 2025 at Tach Time: 5,291.83. Current Tach Time 5,292.64.
The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Sign: *[Signature]*

SERVICEABLE PARTS TAG

W. O. NO. 37788 SER. NO. B005380
 OWNER Noble Aviation PART NO. 10-349350-4
 PART NAME Bendix 56RN-1225 mag.
 REMARKS 500hr. inspection and test mag, ADA022-16-03
New bearing installed. AD2005-12-06 N/A by Eng. Mod. No.
AD94-06-09 capacitor OK, AD94-01-03R2 coil OK, AD82-20-01
N/A to snap ring style cam, AD82-13-01 N/A no green block,
 DATE 4-20-2026 INSPECTOR Justin A. Hunt
AD74-26-09 N/A by Part No,

*150 oil and
Added (1) pint
ran and checked
filter-ok.
PP Cost# 2755439*

Oil. Installed new AR40109 oil filter. Inspected old filter OK. See oil analysis dated 4-30-2026. Cleaned, gapped and tested plugs. Re-installed magnetos after 500 hrs. inspection by Horizon Aircraft Engine Services, Inc. See release tags dated 4-20-2026 for more info. Set magneto timing to 22 degrees BTC using dial indicator method. New gaskets and drive cushions installed with mags. Removed all 6 cylinders due to ECI AD2016-16-12. Installed 6 new Superior Millennium cylinder assemblies part number SA52006-A23P. Serial numbers as follows- #1- 1467-526000032998, #2- same prefix- 32999, #3- same prefix- 33000, #4- same prefix- 33001, #5- same prefix- 33002, #6- same preifx- 33003. Installed with all new supplied seals and gaskets. Replaced 8 intake hoses 654439-1. Replaced all lifters with new Superior SA646277 (exhaust) and SA628488 (intake) due to very minor surface pitting of originals. Cam was inspected per TCM guidelines and found to be like new. All work was done per Chapter 10 of TCM Standard Practice Maintenance Manual, IO-550 Permold Series Engine Maintenance and Overhaul Manual and Superior Service Letter- L05-09 B (ring gap) instructions. Re-installed starter, alternator and prop governor with new seals and gasket as required. Installed new seals and gasket on oil filler adapter and cap. Ground ran per break-in instructions. Performed normally in all parameters. See complete AD list in aircraft permanent records. I certify that this engine has been inspected IAW an annual/100 hrs. inspection and was determined to be in airworthy condition.

[Signature]
 Roger Shadick A&P3509009IA Noble Aviation LLC Eagle River, WI.

