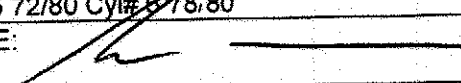


MODEL:	Lycoming TIO-540-AH1A	DATE:	August 21, 2014
REGISTRATION:	N492BC	TACH:	1366.1
S/N:	L-12111-61A	TTSMO:	1366.1

- I certify that I have performed an **ANNUAL INSPECTION** of this **Engine IAW 14 CFR 43 Appendix D** and along with the use of the inspection guide provided in the appropriate manufacture maintenance manual and found it to be in **AIRWORTHY** condition at this time and ok for return to service
- Checked all AD's Using the Avantext IA Library Rev 2014-16 See AD list
- Serviced Engine with 10 Quarts of Phillips 20-50 XC Oil replaced CH48110 Filter cleaned and inspected oil screen
- Checked magneto timing cleaned inspected and gapped spark plugs
- pulled all fuel injectors and clean in ultrasonic cleaner and reinstall And replace all upper deck seals and hoses
- replaced intake gasket on cylinder #2
- Performed compression check Cyl #1 78/80 Cyl #2 78/80 Cyl #3 74/80 Cyl #4 78/80 Cyl#5 72/80 Cyl#6 78/80

SIGNATURE:		A&P Alan Walewski	AP3056984IA
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ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

**RAMAIR Aircraft Maintenance
Work Order # 25**

**Engine Logbook Entry
N492BC**

Model: Lycoming TIO-540-AH1A

Serial No.: L-12111-61A

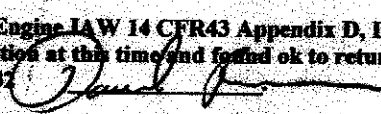
Date: August 20, 2015

Hobbs: 1427.2

Total Time: 1427.2

1. Performed Cylinder compression with the following results: Cyl # 1-75/80, # 2-72/80, # 3-75/80, # 4-78/80, # 5-77/80, and # 6-76/80.
2. Drained Oil, Serviced Engine with 12 Qts of Phillips 20W-50, new Champion Oil Filter Part No.: CH48110-1 inspected Oil Screen as required as per MM, Found Satisfactory.
3. Ran engine no leaks noted at this time
4. AD reviewed thru 2015-17
5. Performed Annual/100 hrs inspection on this Engine IAW 14 CFR43 Appendix D, Lycoming Check list as a guide and found to be in an Airworthy condition at this time and found ok to return to service.

Daniel Ram IA 111689131



Total To Carry Forward				

and Remarks	Signature	Certificate No.
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Engine Logbook Entry
N492BC

Model: Lycoming TIO-540-AH1A

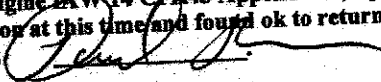
RamAir #116
Serial No.: L-12111-61A
Total Time: 1534.5

Date: August 24, 2016

Hobbs: 1534.5

1. Performed Cylinder compression with the following results: Cyl # 1-76/80, # 2-75/80, # 3-70/80, # 4-76/80, # 5- 75/80, and # 6- 70/80.
2. Drained Oil, Serviced Engine with 11 Qts of Phillips 20W-50, new Champion Oil Filter Part No.: CH48110-1 inspected Oil Screen as required as per MM, Found Satisfactory.
3. Installed new induction filter P15-1936
4. C/W AD2015-19-07 Externally mounted fuel lines next due hobbs 1634.5 08-2017
5. Ran engine no leaks noted at this time
6. AD reviewed thru 2016-15
7. Performed Annual/100 hrs inspection on this Engine IAW 14 CFR43 Appendix D, Lycoming Check list as a guide and found to be in an Airworthy condition at this time and found ok to return to service.

Daniel Ram IA 111689132




Engine Logbook Entry
N492BC

Date: August 2, 2016

RamAir Aircraft Maintenance
Model: Lycoming TIO-540-AH1A
Hobbs: 1664.7

Work Order #307
Serial No.: L-12111-61A
Total Time: 1664.7

- Performed Cylinder compression with the following results: Cyl # 1-78/80, # 2-77/80, # 3-71/80, # 4-76/80, # 5- 76/80, and # 6- 70/80.
1. Performed Cylinder compression with the following results: Cyl # 1-78/80, # 2-77/80, # 3-71/80, # 4-76/80, # 5- 76/80, and # 6- 70/80.
 2. Drained Oil, Serviced Engine with 11 Qts of Phillips 20W-50, new Champion Oil Filter Part No.: CH48110-1 inspected Oil Screen as required as per MM, Found Satisfactory.
 3. Removed #2 Cylinder and Replaced after Repaired and Serviced by Certified Engine Unlimited under Work Order #49086-000, P/N LW-12988 TIO-540 AH1A, S/N 67473
 4. Removed and Replaced all Spark Plugs with 12 New RHB38E
 5. Removed waste gate and clean /reinstalled no leaks
 6. Removed 4 Engine Mounts and Replaced with New P/N J9613-12
 7. C/W AD2015-19-07 Externally mounted fuel lines next due hobbs 1764.7
 8. Ran engine no leaks noted at this time
 9. AD reviewed thru 2017-17
 10. Performed Annual/100 hrs inspection on this Engine IAW 14 CFR43 Appendix D, and found to be in an Airworthy condition at this time and found ok to return to service.

Daniel Ram IA 111689132 

Engine Logbook Entry
N492BC

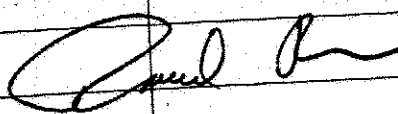
Date: January 17, 2018

RamAir Aircraft Maintenance
Model: Lycoming TIO-540-AH1A
Hobbs: 1748.8

Work Order #415
Serial No.: L-12111-61A
Total Time: 1748.8

1. Removed Wastegate Pipe P/N 40B22317 and Replaced after Overhaul by Plane Exhaust Corp, Under W/O # 31909
2. Removed Tail Pipe P/N 40B22316 and Replaced after Overhaul by Plane Exhaust Corp, Under W/O # 31908
3. Removed HET Wastegate P/N 47J22459, S/N IDN00852 and Replaced after Overhaul by Approved Turbo Components-Florida, Inc, Under W/O # 37490
4. Ran engine no leaks noted at this time
5. Return Aircraft to service.

Daniel Ram A&P 111689132 

and Remarks	Signature	Certificate No.
JUNE, 2018 Removed Engine and sent to Aircraft for overhaul.		11168913Z AEP

BOOK CLOSED SEE Engine Log #2