

The Standard

ENGINE LOG

ONE-STEP

Engine Record General Information

Manufacturer Lycoming Model O-540-J3C5D

Serial L-19692-40A Type Certificate _____

This engine is currently installed in aircraft: N4248C

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

20 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.)
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Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1A4 KPJC)

12/01/2016 N4248C O-540-J3C5D s/n L-19692-40A Tach 1018.7 Eng TT: 3197.7 Eng SMOH: 1125.1

Performed Annual inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Added Oil level to 8 qts X/C 20W-50.. Engine cylinder compressions: **1)75 2)70 3)75 4)72 5)77 6)74 over 80 psi.** Cleaned and gapped spark plugs. Installed 4 new plugs, RHM38E. Cleaned and inspected fuel bowl. lubed and inspected engine control cables. Checked Magneto timing set to 23 BTC. Per AD2005-12-06, 500 hr **Magneto** inspection next check due at Tach **1424.4**. Installed overhauled alternator pn DOFF10300B. sn F014677. Inspected exhaust and muffler and found normal. Induction system normal. Performed engine ground run and no leaks detected, operation check normal. All AD's complied with per Zook Aviation, The AD Tool Box this date 11-2016. I certify that this powerplant has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. /-----END-----/

Steven C. Hurd, A&P2685696IA

YEAR
20
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.)

AirQuest Aviation

485 Airport Road
Butler, PA 16002

AIRQUEST AVIATION

Date: 6/28/2017; Aircraft: N4248C; Type: 182R; S/N: R18200345
Shop Order #: 17-2821

ENGINE:

1.) Drained engine oil, took sample. Removed oil filter, cut and inspected. No problems noted. Installed and secured new filter p/n: CH48103-1 on aircraft. Serviced engine with 8 qts. of Phillips XC20W-50. Ground run engine. No leaks noted at this time. Work done in accordance with Textron Aviation R182 Maintenance Manual CH 12 instructions.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.
Hobbs time: 2706.7

Authorized Signature



Matt Steele, AirQuest Aviation CRS # Q3ER924K

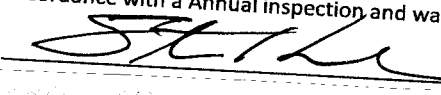
YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
4/1/2017	1132.6			Hobbs 2737.2 Drained And service engine oil with 8qts Aeroshell 100 Cleaned And gapped plugs from R. Olszewski Joseph Olszewski 3119540
11/7/2017	1163.8			Hobbs 2776.2 Drained And Serviced engine oil with 8qts Phillips XC 20w 50 Installed And secured new oil filter CH48103-1 Joseph Olszewski R. O. 3119540

YEAR
20
DATE

Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1D1 KPJC)

01/14/2018 N4248C O-540-J3C5D s/n L-19692-40A Tach 1187.1 Eng TT: 3366.1 Eng SMOH: 1293.5

Performed Annual inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Added Oil level at 8 qts X/C 20W-50. Engine cylinder compressions: **1)78 2)74 3)76 4)76 5)77 6)78 over 80 psi.** Cleaned and gapped spark plugs. Cleaned and inspected fuel bowl. Lubed and inspected engine control cables. Checked Magneto timing set to 23 BTC. Per AD2005-12-06, **500 hr Magneto** inspection next check due at Tach **1424.4.** Inspected exhaust and muffler and found normal. Induction system normal. Installed new air induction filter p/n BA-2505. Performed engine ground run and no leaks detected, operation check normal. All AD's complied with per Zook Aviation, The AD Tool Box this date 01-2018. I certify that this powerplant has been Inspected in accordance with a Annual inspection and was determined to be in airworthy condition. /----END----/



Steven C. Hurd, A&P2685696IA



SKYWARD
AVIATION

663 Skyway Lane
Wheeling Ohio County Airport, KHLG
Wheeling, WV 26003
(p) 304.277.2121 (f) 304.277.4678
www.skywardaviation.com

ENGINE LOG DATED: 4/28/2018
ENG TSO:

REG #: N4248C
ENG TT:

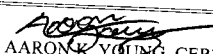
SERIAL #: R18200345
TACH: 1219.6

ENG. S/N: L-19629-40A
HOBBS: 2829.9

COMPLIED WITH THE FOLLOWING MAINTENANCE / INSPECTIONS:

1. DRAINED OIL, RETAINED OIL SAMPLE FOR ANALYSIS, INSTALLED NEW OIL FILTER P/N: CH48103-1, AND SERVICED WITH 8 QTS PHILLIPS XC 20W50. CUT OPEN OIL FILTER AND INSPECTED, NO DEFECTS NOTED. RUN UP AND LEAK CHECK OK. **NEXT DUE AT TACH: 1269.6**

ALL WORK COMPLETED IN ACCORDANCE WITH THE CESSNA MODEL 172 SERVICE MANUAL AND THE LYCOMING O-540 SERVICE MANUAL. THIS ENGINE HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION AND IS RETURNED FOR SERVICE WITH RESPECT TO THE WORK PERFORMED.

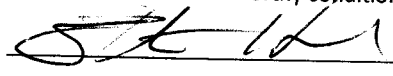

MECHANIC, INSPECTOR: AARON K. YOUNG, CERTIFICATE #: A&P 3921207
FOR SKYWARD AVIATION

YEAR 20 <u>18</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.)
19 Jun	1274.6	-	4732.0	Hobbs 28880 Drained and serviced engine oil with Aerod 100w 7qts. Changed oil filter CH48103-1 Cleaned and gapped plugs Joseph Obzimecki J. Obzimecki 3119540

Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1D1 KPJC)

02/11/2019 N4248C O-540-J3C5D s/n L-19692-40A Tach: 1329.9 Eng TT: 3366.1 Eng SMOH: 1436.3

Performed Annual inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Added Oil level at 8 qts X/C 20W-50. Engine cylinder compressions: 1)75 2)76 3)74 4)75 5)73 6)75 over 80 psi. Installed all new spark plugs RHM38E. Installed new 28V starter SkyTec p/n 149-NL/EC. Cleaned and inspected fuel bowl. lubed and inspected engine control cables. Checked Magneto timing set to 23 BTC. Per AD2005-12-06, 500 hr Magneto inspection next check due at Tach 1424.4. Inspected exhaust and muffler and found normal. Induction system normal. Installed new air induction filter p/n BA-2505. Performed engine ground run and no leaks detected, operation check normal. All AD's complied with per Zook Aviation, The AD Tool Box this date 01-2019. I certify that this powerplant has been Inspected in accordance with a Annual inspection and was determined to be in airworthy condition. /---END---/

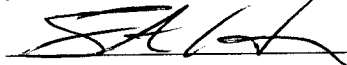
 Steven C. Hurd, AP2685696IA

YEAR 20 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.)
2/01/20	1373.0		4830.4	HOBBS - 2996.5 // DRAINED LEWG OIL AND REMOVED OIL FILTER. INSTALLED NEXT DUE: 1408.0 NEW OIL FILTER CH46103-1 AND SAFETY WIRED. ADDED 8 QTS PHILLIPS X/C 20W-50. S C HURD STEVEN HURD, 2685696A

Premier Aviation Services, LLC - KBVI

02/27/2020 N4248C O-540-J3C5D s/n L-19692-40A Tach: 1401.2 Eng TT: 3398.1 Eng SMOH: 1468.3

Performed 100hr/Annual inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Added Oil level at 8 qts Airoshell 15W-50. Checked cylinder compressions: 1)73 2)74 3)74 4)72 5)73 6)72 over 80 psi. Cleaned and gapped spark plugs. Cleaned and inspected fuel bowl. lubed and inspected engine control cables. Checked Magneto timing set to 23 BTC. Per AD2005-12-06, 500 hr Magneto inspection next check due at Tach 1424.4. Inspected fuel linres. Inspected exhaust and muffler and found normal. Induction system normal. Installed new air induction filter p/n BA-2505. Performed engine ground run and no leaks detected, operation check normal. All AD's complied with per Zook Aviation, The AD Tool Box this date 02-2020. I certify that this powerplant has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. END



Steven C. Hurd, AP2685696IA