

20
DATE

wo: WO_472

Engine annual - page 1 of 1

er of
tries.)

KJC Aircraft Services

N7857F
TACH: 71.2Lycoming, IO-540-K1G5D, S/N: RL-15930-48A
Since new: 3079.7Since Overhaul:
~~2555.5~~

March 24, 2022

1. Completed Annual Inspection reference FAR 43 appendix D.
2. Completed compression test with the following results: #1 cyl. 70/80, #2 cyl. 75/80, #3 cyl. 75/80, #4 cyl. 78/80, #5 cyl. 74/80, #6 cyl. 72/80.

I certify this engine has been inspected in accordance with an Annual Inspection reference FAR 43 appendix D and was determined to be in an airworthy condition. Details of work performed are on file with KJC Aircraft Services under work order: WO_472.

*Muph AIP 3538229 IA**aircraft is approved for
return to service,**Engine total time - 6423.9**Engine time since overhaul - 677.7**Muph AIP 3048232*

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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wo: WO_40

Engine - page 1 of 1



IFly STL

N7857F
tach: 120.9

March 15, 2023

Drained oil, removed oil filter, cut and inspected with no metal found. Installed new 48103-2 oil filter and serviced with 10 qts of Aeroshell 15W50 oil. Ground ran engine and leak checked.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with IFly STL under work order: WO_40.

Aaron Cockrell A&P 3899380

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ACTT: 7510.7
INE SMOH: 787.5

DEN STOPPAGE.
DIRECTOR LINE

ICE MANUAL.

SECTION AND WAS

A&P 3058520 IA
CITY, MO 63390

A&P 3058520 IA
CITY, MO 63390

2 MAY 2, 2024 N7857F PIPER PA32R-300 S/N: 32R-7780084 TACH: 219.7 ACTT: 7600.4
1 LYCOMING IO-540-K1G5D S/N: RL-15930-48A ENGINE TT: 6623.4 ENGINE SMOH: 877.2

- 1) PERFORMED 100 HOUR INSPECTION PER FAR 43, APPENDIX D.
- 2) CHECKED CYLINDER COMPRESSIONS; #1 76/80, #2 76/80, #3 76/80, #4 76/80, #5 76/80, #6 76/80.
- 3) CLEANED, INSPECTED, GAPPED AND TESTED SPARK PLUGS. REINSTALLED WITH NEW GASKETS AND TORQUED.
- 4) INSTALLED (1) NEW SPARK PLUG P/N: RHM38E.
- 5) CHECKED AND ADJUSTED MAGNETO-TO-ENGINE TIMING TO 20 DEGREES BTDC.
- 6) INSTALLED OVERHAULED ENGINE DRIVEN FUEL PUMP P/N: LW15473. SEE FAA FORM 8130-3 FROM AERO ACCESSORIES DATED JANUARY 25, 2024 FOR COMPLETE DETAILS.
- 7) REPLACED LEFT UNDER CYLINDER BAFFLING ROD P/N: 65103-002.
- 8) INSTALLED NEW AIR FILTER P/N BA-3.
- 9) REPLACED (6) OIL RETURN HOSES P/N: SL-STD-1821.
- 10) REPLACED (6) INTAKE GASKETS P/N: SL71978, AND (6) NEW INTAKE SEALS PN: SL72711.
- 11) REPLACED #1 AND #2 CYLINDER PUSHROD TUBE SEALS, (8) P/N: SL18661, AND (4) ROCKER SHAFT GASKETS P/N: SL66732.

AIRWORTHINESS DIRECTIVES

AD2004-10-14 CRANKSHAFT GEAR RETAINING BOLT. N/A AT THIS TIME. DUE AT PROP STRIKE OR SUDDEN STOPPAGE.
AD2015-19-07 FUEL INJECTOR FUEL LINES AND CLAMPS. N/A AT THIS TIME. DUE AT ANYTIME FUEL INJECTOR LINE SUPPORT CLAMP MAINTENANCE IS PERFORMED.

ALL APPLICABLE AD'S COMPLIED WITH AT THIS TIME, SEE AD LIST FOR COMPLETE DETAILS.

OPERATIONAL CHECKS, LEAK CHECKS AND ENGINE GROUND RUN WAS GOOD.

ALL WORK PERFORMED PER PIPER PA32R-300 SERVICE MANUAL AND LYCOMING DIRECT DRIVE SERVICE MANUAL.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

CURTIS H. KELLEY

Curtis H. Kelley A&P 3058520 IA
KELLEY AERO SERVICES, LLC. 26433 VALLEY LAKE DRIVE, WRIGHT CITY, MO 63390

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.)

NOVEMBER 7, 2024 N7857F PIPER PA32R-300 S/N: 32R-7780084 TACH: 293.2 ACTT: 7673.9
LYCOMING IO-540-K1G5D S/N: RL-15930-48A ENGINE TT: 6696.9 ENGINE SMOH: 950.7

- DRAINED ENGINE OIL AND REMOVED OIL FILTER, OPENED AND INSPECTED FILTER. NO DISCREPANCIES NOTED.
- INSTALLED NEW OIL FILTER P/N: AA48103-2 AND SERVICED ENGINE WITH 10 QUARTS OF AEROSHELL 15W-50.
- 1. INSTALLED NEW LYCOMING VERNATHERM OIL CONTROL VALVE P/N: 53E22144.
- 2. ADJUSTED OIL PRESSURE TO LYCOMING SPECIFICATIONS.
- ENGINE GROUND RUN WAS GOOD. NO LEAKS OR DISCREPANCIES.
- ALL WORK PERFORMED PER PIPER PA32R-300 SERVICE MANUAL AND LYCOMING DIRECT DRIVE SERVICE MANUAL.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FAA IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED.

CURTIS H. KELLEY

Curtis H. Kelley A&P 3058520 IA
KELLEY AERO SERVICES, LLC. 26433 VALLEY LAKE DRIVE, WRIGHT CITY, MO 63390

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.)
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APRIL 18, 2025	N7857F	PIPER PA32R-300	S/N: 32R-7780084	TACH: 320.0	ACTT: 7700.7
LYCOMING IO-540-K1G5D		S/N: RL-15930-48A	ENGINE TT: 6723.7	ENGINE SMOH: 977.5	

- 1) PERFORMED 100 HOUR INSPECTION PER FAR 43, APPENDIX D.
- 2) CHECKED CYLINDER COMPRESSIONS AND BORESCOPED; #1 76/80, #2 76/80, #3 76/80, #4 76/80, #5 76/80, #6 76/80.
- 3) CLEANED, INSPECTED, GAPPED AND TESTED SPARK PLUGS. REINSTALLED WITH NEW GASKETS AND TORQUED.
- 4) INSTALLED (1) NEW SPARK PLUG P/N: RHM38E.
- 5) REMOVED AND INSTALLED MAGNETO TO FACILITATE 500 HOUR INSPECTION PERFORMED BY AIRCRAFT ACCESSORIES OF OKLAHOMA, CRS#RV3R829L SEE FAA FORM 8130-3 DATED MARCH 31, 2025 FOR COMPLETE DETAILS.
- 6) INSTALLED NEW AIR FILTER P/N BA-3.
- 7).REPLACED OIL COOLER HOSE FITTING O-RING P/N: MS28778-10 AT THE REAR ACCESSORY CASE.
- 8) REMOVED VACUUM PUMP TO CHECK CONDITION OF GAR-LOK SEAL. NO ISSUES NOTED. INSTALLED VACUUM PUMP WITH NEW GASKET P/N: SL8313.
- 9) REPLACED OIL FILTER ADAPTER GASKET P/N: 06B23072 PER LYCOMING SERVICE INSTRUCTION 1453B.

AIRWORTHINESS DIRECTIVES

AD2004-10-14 CRANKSHAFT GEAR RETAINING BOLT. N/A AT THIS TIME. DUE AT PROP STRIKE OR SUDDEN STOPPAGE.

AD2015-19-07 FUEL INJECTOR FUEL LINES AND CLAMPS. N/A AT THIS TIME. DUE AT ANYTIME FUEL INJECTOR LINE SUPPORT CLAMP MAINTENANCE IS PERFORMED.

ALL APPLICABLE AD'S COMPLIED WITH AT THIS TIME, SEE AD LIST FOR COMPLETE DETAILS.

OPERATIONAL CHECKS, LEAK CHECKS AND ENGINE GROUND RUN WAS GOOD.

ALL WORK PERFORMED PER PIPER PA32R-300 SERVICE MANUAL AND LYCOMING DIRECT DRIVE SERVICE MANUAL.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

CURTIS H. KELLEY

Curtis H. Kelley A&P 3058520 IA
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