

Shearer Aviation Services, Inc.
LOG ID# 6382 06-June-2022
N720RP S/N 32-8006027 PIPER PA32-301 TACH 4454.6

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N720RP

INSTALLED NEW NOSE TIRE 5.00-6/6 PLY S/N 1337T00172 AND TUBE. END.

[REDACTED]
JEFFREY W SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 6458 11-August-2022 HOBBS 1634.8
N720RP S/N 32-8006027 PIPER PA32-301 TACH 4509.9

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N720RP AIRFRAME

CLEANED AND INSPECTED FUEL SUMP SCREEN. CLEANED AND REPACKED MAIN AND NOSE WHEEL BEARINGS. SERVICED TIRE PRESSURES. SERVICED BATTERY. C/W YEARLY ELT INSPECTION IAW FAR 91.207 D. ELT BATTERY DATE JUNE 2028. GREASED MAIN LANDING GEAR. SERVICED BRAKE RESERVOIR. LUBRICATED FLIGHT CONTROLS. CONDUCTED LIGHT CHECK. INSTALLED NEW RIGHT STEERING BUNGEE BOOT. CLEANED BELLY. REPLACED LEFT FUEL CAP GASKET. REPLACED ALL SCREWS AND HARDWARE AT BOTH STALL WARNINGS. REPAIRED LEFT STABILATOR TIP ON LEADING AND TRAILING EDGES. REPLACED AFT ROD ENDS ON LEFT AND RIGHT AILERON ACTUATORS. REPLACED ELT WITH ARTEX ELT 345, OPS CHECKED NORMAL. REPLACED LEFT MAIN TIRE P/N 172-317-0 S/N 2054T00065. REMOVED, CLEANED AND RESEALED LEFT BRAKE CALIPER. FLIPPED RIGHT MAIN TIRE ON WHEEL ASSEMBLY. REPLACED LEFT FLAP GROUND STRAP HARDWARE. CLEANED GROUND STRAP. REPLACED LEFT AILERON GROUND STRAP HARDWARE. REPLACED LEFT GROUND STRAP. REPLACED LEFT BRAKE DISC. REPLACED RIGHT BRAKE DISC. TIGHTENED LEFT LOWER OUTBOARD GEAR LEG ATTACH MOUNT BOLT. RELINED AND CONDITIONED LEFT AND RIGHT BRAKE LININGS. REPLACED ALL BRAKE HOSES. REPAIRED RIGHT FORWARD LOWER COWL AT COWLING RECEPTICAL. BLED BRAKES. SECURED VACUUM HOSE THAT WAS CATCHING CONTROL YOKE CHAIN. REPLACED CO-PILOT'S LEFT BRAKE CROSSOVER HOSE FITTING. C/W AD 76-07-12 BY OPS CHECK. NO DEFECT NOTED. NEXT INSPECTION DATE C/W AD 2015-19-07 BY INSPECTION. NO DEFECT NOTED. END.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END.

[REDACTED]
JEFFREY W SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 6485 11-August-2022
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP AIRFRAME

REMOVED AMERI-KING AK450 ELT S/N459572 AND INSTALLED ARTEX 345, P/N A3-06-2880 S/N 391808-037, IN SAME POSITION AS FORMER ELT.

[REDACTED]
JEFFREY W SCHWANGER

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Make Piper Model PA32 S.N.
P.N. 65342-002 Title Rudder assy.

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This aircraft/component/subassembly identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 22029

REPAIRED BROKEN GROUND WIRE ON

Date: April 20, 2021 Signed: [Redacted]

Airframe Components
by Williams, Inc.
[Redacted]
Kendallville, IN 46755



WWFR 300K

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REMOVED AND REPLACED RUDDER WITH OVERHAULED RUDDER. END.

A&P [Redacted] Kevin Wenrich [Redacted]

Shearer Aviation Services, Inc.
LOG ID# 6008 30-July-2021
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP AIRFRAME
JULY 30, 2021 TACH 4273.6 TOTAL TIME 3673.7

CLEANED AND INSPECTED FUEL SUMP SCREEN. INSPECTED VACUUM REGULATOR FILTER. CLEANED AND REPACKED WHEEL BEARINGS. SERVICED MAIN TIRE PRESSURES. SERVICED BATTERY. C/W YEARLY ELT INSPECTION IAW FAR 91.207D. ELT BATTERY REPLACEMENT DUE DATE IS DECEMBER 2025. GREASED GEAR. SERVICED HYDRAULIC BRAKE RESERVOIR. LUBED FLIGHT CONTROLS. CHECKED LIGHTS. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. RESEALED NOSE STRUT. INSTALLED HEAT SHIELD ON LOWER COWL UNDER MUFFLER AREA. TIGHTENED SECOND FROM OUTBOARD UPPER LEFT GEAR LEG ATTACH BOLT. RELINED LEFT BRAKES. REPLACED LEFT BRAKE PRESSURE PLATE. CLEANED AND TREATED CORROSION AS NEEDED ON BELLY AT RIGHT FORWARD STRACK AREA. REPLACED NUT PLATE ON LEFT WHEEL NUT. CLEANED GROUND ON TAIL NAV LIGHT. CLEANED BELLY. C/W AD 2013-02-13 BY INSPECTION. NO DEFECTS NOTED. C/W AD 76-07-12. NO DEFECTS NOTED. END.

JULY 30, 2021 TACH 4273.6 TOTAL TIME 3673.7

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. END

A&P [Redacted] JEFFREY W SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 6305 11-April-2022
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP AIRFRAME
APRIL 8, 2022 TACH 4426.2

INSTALLED NEW ELBOW AND AERODUCT ON INDUCTION AIR FILTER TO FUEL SERVO. END

A&P [Redacted] JEFFREY W SCHWANGER

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Engine Log

Serial # _____

Shearer Aviation Services, Inc.
LOG ID# 6191 12-January-2022
N720RP S/N 32-8006027 PIPER PA32-301

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Licence # _____

N720RP ENGINE
JANUARY 5, 2021 TACH 4375.2

CHANGED OIL AND FILTER, INSPECTED FILTER. TOOK OIL SAMPLE. ADDED 11QTS PHILLIPS 20W50 X/C OIL.
WASHED ENGINE, RAN AND LEAK CHECKED.END.

A&P [REDACTED] KEVIN P WENRICH

Shearer Aviation Services, Inc.
LOG ID# 6327 20-April-2022
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP ENGINE
APRIL 20, 2022 TACH 4435.07

INSTALLED REPAIRED ALTERNATOR P/N ALY6421 S/N 7N00026, OPS CHECKED GOOD. CHANGED OIL AND FILTER.
WASHED ENGINE. END.

A&P [REDACTED] JEFFREY W SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 6460 11-August-2022 HOBBS 1634.8
N720RP S/N 32-8006027 PIPER PA32-301 TACH 4509.9 TSMOH 833.7

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N720RP ENGINE

COMPRESSION #1-78, #2-72, #3-74, #4-78, #5-80, #6-77. TOOK OIL SAMPLE. DRAINED OIL. CHANGED OIL
FILTER AND INSPECTED OLD FILTER FOR CONTAMINANTS. REMOVED AND CLEANED SUMP PLUG. REMOVED AND
CLEANED SUMP SCREEN. ADDED 9 QUARTS OF 20 W 50 PHILLIPS XC OIL. REMOVED, INSPECTED AND CLEANED FUEL
INJECTOR INLET SCREEN. REPLACED O-RINGS. CHECKED TIMING. CLEANED, GAPPED AND ROTATED SPARK PLUGS.
REPLACED TANIS HEAT ELEMENT AT OIL SUCTION SCREEN. SECURED HARNESS FOR TANIS HEATER AT FORWARD OF
ENGINE OIL SUMP. REPLACED CYLINDER #4 AND #6 OIL RETURN HOSES. REPLACED INTAKE DRAIN HOSES. REPLACED
MIXTURE CONTROL CABLE. REPLACED ALL THREE MUFFLERS. REPOSITIONED CYLINDER #3 OIL RETURN TUBE AND
TANIS PLUG. REPLACED ALL SIX EXHAUST RISERS. REPAIRED BROKEN BAFFLE IN MUFFLER SHROUD WITH NEW
BAFFLE AND DOUBLER PLATE. REPOSITIONED FUEL FLOW TRANSMITTER TO A LOWER POSITION ON FIREWALL.
END.

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

A&P [REDACTED] JEFFREY W SCHWANGER

Page Total: _____

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Total to Date: _____

All repair data must bear the endorsement of
a certified mechanic, and his/her rating and
certificate number MUST be shown.

N720RP ENGINE
JULY 10, 2020 TACH 4151.6 TOTAL TIME 3551.7 TSMOH 475.4

COMPRESSION 1-75, 2-72, 3-70, 4-78, 5-78, 6-79. DRAINED OIL AND ADDED 11 QUARTS PHILLIPS 20 W 50 XC OIL. CHANGED OIL FILTER AND INSPECTED OLD FILTER FOR CONTAMINATION FOUND NONE. CLEANED SUCTION SCREEN AND SUMP PLUG. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. MEGGED IGNITION LEADS. CHECKED TIMING. CLEANED AND INSPECTED INJECTOR INLET SCREEN. SECURED BAFFLE FORWARD OF #2 CYLINDER. REPLACED #2 INTAKE GASKET. REPLACED #4 OIL RETURN LINE HOSE. INSTALLED NEW INJECTOR INLET DUCT. REPAIRED MUFFLER SHROUD AS NECESSARY. REMOVED AND REINSTALLED EXHAUST SYSTEM USING NEW GASKETS. REMOVED AND REINSTALLED ENGINE AFTER ENGINE MOUNT REPLACEMENT USING NEW BOLTS AND NUTS THRU FIREWALL OF ENGINE MOUNT.END.

JULY 10, 2020 TACH 4151.6 TOTAL TIME 3551.7 TSMOH 475.4
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100 HOUR INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.END.

JEFFREY W SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 5811 27-January-2021
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP ENGINE
JANUARY 27, 2021 TACH 4216.8

CHANGED OIL AND FILTER. ADDED 11 QUARTS PHILLIPS 20W50 X/C OIL. INSTALLED NEW THROTTLE CONTROL ROD
END. WASHED ENGINE. RAN ENGINE TO CHECK FOR LEAKS.END.

Jeffrey Schwanger

Shearer Aviation Services, Inc.
LOG ID# 5843 10-March-2021
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP ENGINE
MARCH 10, 2021 TACH 4227.8

LUBED TACH DRIVE CABLE. INSTALLED NEW RIGHT MAGNETO P/N 6350R, SN J02341. C/W AD 99-04-04. NO DEFECTS NOTED.END.

JEFFREY SCHWANGER

Shearer Aviation Services, Inc.
LOG ID# 6009 30-July-2021
N720RP S/N 32-8006027 PIPER PA32-301

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N720RP ENGINE
JULY 30, 2021 TACH 4273.6 TOTAL TIME 3673.7 TSMOH 597.4

COMPRESSION 1-80, 2-79, 3-72, 4-76, 5-78, 6-79. DRAINED OIL. ADDED 11 QUARTS AEROSHELL 15W50 OIL. TOOK OIL SAMPLE. CHANGED OIL FILTER AND INSPECTED OIL FILTER FOR CONTAMINATION. REMOVED AND REINSTALLED OIL SUMP PLUG. CLEANED AND INSPECTED OIL SUMP SCREEN. CLEANED AND INSPECTED INJECTOR INLET SCREEN. CHECKED TIMING, TIMING OK. CLEANED AND GAPPED AND ROTATED PLUGS. WASHED ENGINE. PRESSURE CHECKED FUEL SYSTEM, RAN AND CHECKED FOR LEAKS-OK. REMOVED SLICK MAG P/N 6351, S/N 15121080. INSTALLED SUREFLY MAG P/N SIM6L, S/N 6L-0821004 ON LEFT MAG POSITION. SEE FAA FORM 337 FOR DETAILS. TIGHTENED HOSE FITTING ON LEFT OIL COOLER. TIGHTENED VACUUM PUMP OUTLET FITTING. REPLACED #3 EXHAUST ROCKER SHAFT COVER GASKET. REPLACED GASKET ON #4 INTAKE ROCKER SHAFT COVER. RESECURED ENGINE PREHEATER PLUG. C/W AD 2015-19-07. NO DEFECTS NOTED.END.

JULY 30, 2021 TACH 4273.6 TOTAL TIME 3673.7 TSMOH 597.4

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.END

JEFFREY W SCHWANGER

Engine Log & Maintenance Record

LOG #: 1

RECORD OF LYCOMING IO540-K1G5 L-20442-48E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N720RP

FROM 3-11 2016 TO _____ 20____

DETAILING TIME FROM 3676.2 TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: Right Left X Front Rear

Overhaul Reciprocating Engine Certificate

LYCOMING

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number HENPL-RT8581
Serial Number L-20442-48E
Engine Model IO-540-K1G5
Work Order AR635558
Total Time 3076.3

[Signature]
Authorized Representative

7/18/16
Date

Repair Station EJ1R115K

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2480 Rev 05/13

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SECRET W SCHWANGER

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JEFFREY W SCHWANGER

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