

6304 N. Cedar Ave., Lubbock, TX 79403

Date: Aug 1, 2022

N#: 2104J

Make: Piper

Model: PA32-300

S/N: 32-7940017

Tach: 215.6

ATT: 5125.7

C/W Annual inspection IAW FAR 43 appendix D.

C/W AD 78-23-01 (11-3-78) by inspection of fuel drain door. No defects noted. Next due: ATT: 5225.7

C/W AD 2013-02-13 (3-11-13) Horizontal stabilator control cable inspection as per SB 1245A (11-28-2012). Steps 1 thru 10. No defects noted at this time. Next due: July 2029 or ATT: 7125.7

AD 2020-26-16 Main wing spar integrity inspection, is not due at this time. The current factored service hours for each main wing spar is 301.5 hours. Due at 5000 calculated airframe hours.

C/W AD 76-07-12 R1 (8-30-77) Bendix ignition switch op's check. Ops checked good. Next due: ATT: 5225.7

AD 81-15-03 (7-20-81) Inspection of Brackett air filter assembly. DOES NOT APPLY BY aircraft model.

C/W 24 month Precise Flight SVS continued airworthiness inspection. Inspected and lubed cable housing after engine wash. --Inspected vacuum lines. --Preformed system check and inspected Saddle fittings. --Removed shuttle valve. --Inspected flapper valves for wear and alignment. --Installed shuttle valve and rigged ops checked good.

Next due: July 2024

C/W ICA: Reiff engine pre-heater inspection and operations. No defects noted. Next due: July 2024

Checked brake reservoir fluid level and serviced. --Inspected and serviced tires as required. --Lubed aircraft and landing gear as per lube chart. --Removed, cleaned, inspected, packed and re-installed wheel bearings. --Removed screen, inspected, cleaned, re-installed fuel bowl and leak check. --Ops check interior and exterior lights. --Check battery electrolyte level, specific gravity and serviced battery. --Removed muffler shroud, inspected and reinstalled shroud. --Replaced vacuum filter. --Checked cable tensions, surface travels and lubed flight controls. --Inspected all placards interior and exterior.

Installed stud and locking washer onto the air filter cover plate for the cowl.

Replace static wick PN:494-678 Right inbrd aileron.

Replaced grommet and snap right forward top cowl, p/n: 69790-000

Disconnected left aileron aft linkage. Replaced aft rod end PN:452-334. Installed linkage with all new hardware.

Checked rigging checked good IAW Piper M.M.

Replaced left flap static wick, p/n: 494-678.

Removed right center flap hinge fairing cover. Replaced center bonding strap, p/n: 469-600 with new hardware.

Flap checked good for ground to airframe. Installed fairing cover.

Removed right flap hinge fairings and flap rod end bolt / linkage. Replaced aft rod end p/n: 452-336, installed linkage with all new hardware and saftied. installed flap hinge fairings. Checked rigging all checked good IAW Piper M.M.

Removed left middle seat, outboard lap seat belt, and replaced with re-webbed lap belt, p/n: 500578.

Removed left flap hinge fairings, flap rod end bolt / linkage, and replaced aft rod end p/n: 452-336, installed linkage with all new hardware and saftied. installed flap hinge fairings. Checked rigging all checked good IAW Piper M.M.

Replaced pilot side control yoke universal joint, p/n: CA62834-802SS with new tapered pin p/n: 480-730. Ops checked good clearances and alignment.

Adjusted rudder cable tension to 90 lbs.

Adjusted rudder travels to Right 24 and Left 22. Piper PA-32R-300 AMM Section 5-28.

Cleaned lubed alternate air flapper cable and adjusted flapper for open/closed positions.

Replaced several muffler shroud rivets and inspected stopped drill cracks, fabricated patch and installed with new rivets.

Replaced the Following required placards

--In full view of the pilot: (For operation with the rear door removed)

FOR FLIGHT WITH THE DOOR REMOVED, SEE THE LIMITATIONS AND PROCEDURES SECTIONS OF THE PILOTS OPERATING HANDBOOK.

--On the inside of the forward baggage compartment:

MAXIMUM BAGGAGE THE COMPARTMENT 100 LBS. SEE THE LIMITATIONS SECTION OF THE PILOTS OPERATING HANDBOOK.

--Adjacent to fuel tank filler caps:

FUEL-100/130 AVIATION GRADE-USABLE CAPACITY 47.0 GAL.

-- FOR FLIGHT WITH THE DOOR REMOVED, SEE THE LIMITATIONS AND PROCEDURES SECTIONS OF THE PILOTS OPERATING HANDBOOK.

--MAXIMUM BAGGAGE THE COMPARTMENT 100 LBS. SEE THE LIMITATIONS SECTION OF THE PILOTS OPERATING HANDBOOK.

Replaced NLG wheel with serviceable unit, p/n: 40-76F Replaced races, p/n: 214-00200 and bearings, p/n: 214-00100, and hardware with new.

Removed tach cable, lubed and reinstalled.

Replaced fuel selector valve, p/n: 1H65-5 and o'rings, p/n: MS29513-114.

I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.

Arnold Hertel AF [REDACTED] IA

LUBBOCK AERO

6304 N. Cedar Ave., Lubbock, TX 79403

Date: Aug 1, 2022

N#: 2104J

Make: Lycoming

Model: IO-540-K1G5

S/N: L-23947-48E

Tach: 215.6

ETT: 1250.0

C/W engine 100 hour IAW FAR 43 appendix D.

C/W AD 2015-19-07 (11-03-2015) by inspection of all external fuel injection lines, positions and clamps, as per SB 342G, diagram # 19. No defects noted.

Compression check #1) 76/80 #2) 75/80 #3) 74/80 #4) 74/80 #5) 76/80 #6) 74/80.

Removed, inspected, cleaned, gapped, tested and re-installed spark plugs with new gaskets, p/n: M674. --Inspected spark plug leads. --Checked magneto timing and adjusted to 20 deg. --Inspected magneto points, no defects noted.

--Removed, cleaned, inspected, and installed fuel nozzles. --Inspected and replaced air filter, p/n: BA-3. --

Lubricated all engine controls.

Replaced alternator aft mounting brace, p/n: 78483-000, support, p/n: 65199-005, bolt p/n: AD6-43A and lock plate, p/n: 73383.

Removed fuel servo P/n 2524273-12 Mod # RSA-10ED1 S/n 70133103 and reinstalled with new gasket after overhaul. Connected fuel lines and linkage. and adjusted rod end on throttle control cable to allow more travel.

Adjusted idle speed to 650-700 RPM, and idle mixture for 50 RPM rise at idle. Ran engine. Ops checked good at this time.

I certify that this engine has been inspected IAW a 100 hour / annual inspection and was determined to be in airworthy condition.

Arnold Hertel AF [REDACTED] IA

LUBBOCK AERO

6304 N. Cedar Ave., Lubbock, TX 79403

Date: Aug 1, 2022

N#: 2104J

Make: Hartzell

Model: HC-C2YK-1BF

S/N: CH36523B

Tach: 215.6

PTT: 1696.5

SMOH: 863.7

C/W propeller 100-hour inspection IAW FAR 43 appendix D.

Lubed hub with Aeroshell #6 grease.

No AD's due at this time.

I certify that this propeller has been inspected IAW a 100 hour / annual inspection and was determined to be in airworthy condition.

Arnold Hertel AF [REDACTED] IA