

Engine Log

Serial # _____



Venice Municipal Airport (VNC)

Venice, FL 34285

HOBBS	3197.9
TTAF	3197.9
TTE	983.9
SMOH	983.9
TTP	3197.9
SPOH	3197.9

N4187Q Date 4-15-22

Test ran engine for leak and operational check. Did NOT change oil. Removed filter, cut open for inspection, installed new CH 48110. Drained oil into clean container and checked sump suction screen. Reinstalled original oil. Compression 1-72, 2-73, 3-65, 4-71, 5-70, 6-74. Checked and cleaned fuel servo inlet screen. Replaced all spark plugs with new URHB37E's. Replaced ignition harness with new. R&R RH and LH magnetos for 500 Hr inspection. Replaced in both magnetos contact points, capacitors, brushes and coils. All work performed in accordance with Champion Aerospace manual L-1363H, chapters 3, 6, and 7. Adjusted mixture and throttle cables for full travel, replaced hardware on throttle cable to servo. Inspected paper engine air filter element. R&R propeller to replace crankshaft front seal. R&R complete exhaust system to weld/seal incorrectly positioned EGT probe holes. Drilled new holes, enlarged any hole in slip-joint's inside pipe to prevent guillotine of probe during exhaust expansion and movement. Replaced turbo v-band gasket 78084 with new. Loosened turbo and brackets, aligned complete exhaust system, turbo, wastegate and bracketry and tightened all stress-free. Pressure checked entire system for leaks.

R&R propeller for crankshaft seal replacement. Reinstalled with new o-ring. Torqued to specs and safetied.

Replaced all 6 cyls rocker drain tube rubber connections at crankcase.

Checked AD's to current bi-weekly, all applicable are in compliance. I certify this engine has been inspected in accordance with an annual inspection at this time.

Date: 05/03/2023 Hours: 1191.6 tach Tall: N4187Q
 Make: Lycoming Model: TSIO-540 AH1A S/N: RL-4659-61A
 Name: Johnny Whitson Cert: [REDACTED]
 Co: LSA SERVICES Signed: [REDACTED]

Completed 100 hour/annual inspection in accordance with manufacturer's instructions. Removed cowl. Compression test #1 78/80 #2 79/80 #3 76/80 #4 79/80 #5 76/80. Replaced oil in engine oil replace oil filter AA48110-2 Service engine with 11 quarts Phillips XC20-50. timed mags. ran engine to check for leaks none found. cleaned engine. Replaced scatt line for alternator cooling. Installed cowl. I certify that this Engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in an airworthy condition.

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