



Spring City Aviation, Inc. [REDACTED] [REDACTED]

Engine Logbook

N396JG July 6, 2018 Hobbs: 1324.1 TTE: 1244.3

An annual inspection was performed IAW FAR 43 Appendix D. This engine visually inspected for any defects. Inspected all linkages for security and operation. All engine ground runs and checks performed and found satisfactory. No filters changed at this time due to time since last done. Engine inlet and exhaust inspected for defects, none found. AD's checked thought 07/06/2018. None required at this time.

AD 77-15-12R1 Turbine coupling nuts. Complied with during HSI Found not affected by engine model **Next Due: NA**

AD 15-02-22 Third and forth stage turbine wheels Comply with at HSI **Next Due: At HSI**

Operational ground run performed satisfactory. No leaks found. This Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Kurt D. Nettesheim [REDACTED] IA [REDACTED]

TSO

TSO

Aztec Aviation LLC. [REDACTED] [REDACTED]

Engine Logbook

N396JG September 6, 2019 Hobbs: 1346.5 TTE: 1266.7

An annual inspection was performed IAW FAR 43 Appendix D and RR Maintenance manual Performed 100 hr, 200hr, and 300 hr inspections. All associated airframe and engine oil and fuel filters replaced or clean. Drained engine oil and refilled with Mobil 254. Removed Fuel Nozzle, sent to Keystone for cleaning and flow check, and reinstalled. Engine inlet and exhaust inspected for defects, none found. Disassemble and clean anti-icing valve. Found spring retainer 2 1/4 turns loose. Re-torqued to 40 in. lbs. Removed PT governor for overhaul. (Excessive oil leak to PY line.). Replace 3 missing MS25171-1S chip detector terminal boot covers. (Red). Remove Power Turbine governor for overhaul. Replace incorrect mounting gasket with new correct gasket. Coordinator/fuel control rigging check. Adjust PT lever cable 3 turns to max speed stop. Adjust prop governor lever cable 5 1/2 turns to min speed stop. Note: Coordinator input power lever max reverse position is changed to 5 deg. Not 0 as per Tradewind maintenance manual (71-00-00 p.29 All other parameters remain unchanged. Note: Adjusted coordinator condition lever stop to .020 clearance. Checked fuel cutoff outrigger lever to fuel control cutoff lever - OK. Checked coordinator gas producer lever to fuel control gas producer lever. 3/16" from min speed stop at max reset - OK.

Note: Cockpit power lever cable to input power lever on coordinator power lever .250 to long. Ground idle/flight idle positions 35°/45°. Shortened cable threaded end to obtain 30°/40° respectively. Max power/max beta positions 95°/5° respectively. Adjusted fuel control settings to factory positions. De- rich - 7 dots CCW, start-accel - 3 clicks CCW. Ran engine, no leaks. Normal start - 24 seconds. AD's checked thought 09/06/2019. None required at this time.

AD 15-02-22 Third and forth stage turbine wheels Comply with at HSI **Next Due: At HSI**

Operational ground run performed satisfactory. No leaks found. This Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Kurt D. Nettesheim [REDACTED] IA [REDACTED]