

INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10 6223.2	TTSmoH 3394.9 Cyc SmoH 3114 Adjusted Max Fuel + flight Idle settings. Annual Inspection Completed. Engine ran, Power OK. Completed. Engine determined to be airworthy as to work performed. Carl Spray AP 1690026
11 6236.2	FT engine 3132 TTSmoH 6236.2 Cyc SmoH 3132 100 Hr. inspection Completed. Oil Sample Taken added 1/2 pint 2380 To Engine. Checked flow + cleaned fuel nozzles. Checked starter/ben. Brushes + DeIce Brushes. Checked. Plenum drain, checked Ignitor plugs. Engine determined to be airworthy. Carl Spray AP 1690026
11 6226.3	3398.0 SmoH 3116 Cyc SmoH AD 73-26-07 H3 Completed with by Fayetteville Aviation. W.O. # 4586 Mark Cobb A441151616

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DATE	TOTAL TIME	183 Hrs Lower Than High Inspection OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-15-16	1695947.0	SmoH 3416.8, Cyc SmoH 3141, Engine Total Hrs. 62468 Arkansas Turbine replaced JTT Harness. Took Oil Sample, Checked. OK. Cleaned + flow checked. fuel nozzles. Replaced oil filter. Replaced 1/2 qt 2380 Turbine Oil. Calibrated Torque Sensor System. Calibration checked on JTT System. Ran engine and checked. Power performance Chart. Engine determined to be Airworthy. Carl Spray AP 1690026
2017		SmoH 3419.9, Cyc SmoH 3145, Eng. JT 6249.9 Took Oil Sample, Checked. OK. Replaced Oil Filter. Ran Engine up. Checked. Torque + Temp. against Performance Chart. Engine determined to be Airworthy as to work performed. Carl Spray 1690026 AP

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.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
20/6			
12-3	961.3		7094.4

C/W AD 74-11-01, Windshield I.N.S.P. (Daily)
 C/W AD 75-16-20 Prop. Pitch contr. 100 Hr. Int.
 C/W AD 88-2301 Part I Flap Control Insp. (100 Hr.)
 Replaced Flap Control micro switch (5°).
 Replaced nose tires & repacked bearings.
 Replaced flight main tire & repacked bearings.
 Replished brake fluid. CKed. main gear
 O'leo Strut bracket for cracks Pt. AD 2016-08-19
 100 Hr. + 200 Hr Inspection completed
 Pt. FAR 91.409 F3 and determined to
 be airworthy as to work performed.
 Carl C. Gray 169026 IA

Altitude Reading		Friction		Tol	
12,000	12000	50K	250	12,000	12000
10,000	9995	40K	180	10,000	9995
8,000	8000	35K	160	8,000	8000
6,000	6000	30K	140	6,000	6000
4,000	4000	25K	120	4,000	4000
3,000	3000	20K	100	3,000	3000
2,000	2000	15K	90	2,000	2000
1,500	1500	10K	80	1,500	1500
1,000	1000	5K	70	1,000	1000
500	500	3K	70	500	500
0	0	2K	70	0	0
-1,000	-1000	1K	70	-1,000	-1000

1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) +20
 2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) +15
 After Effect (Tol. 30 Ft.) +10

Mertin's Avionics Service
 307 Roberta Drive
 Hendersonville, Tennessee 37075
 Tel: (615) 305-1186

Work Order No. 4823 Act. Reg. No. N99BT
 Act Type M2B
 Altimeter P/N#
 S/N#
 Date 6-14-16 Signed Mark G. Burch

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Altimeter/Static System Certification