

Satnan Avionics

Airframe Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	REGISTRATION	SERIAL NUMBER
9/10/18	PIPER PA28-181	4945.29	4945.29	N75191	28-7690311

Performed an annual inspection IAW Piper PA28-181 M/M. and FAR 43 App. D. Removed all inspection panels. Inspected doors, and windows for security and proper latching. Lubricated all hinges as needed. Inspected emergency exit for proper operation. Inspected seat, and seat tracks for proper attachment and wear. Inspected all flight controls for proper travel, security, positive stops, set cable tensions as needed, and lubricated components as needed. Inspected flaps for proper operation, attachment. Lubricated as needed. Inspected wing attach bolts and brackets. Performed light check satisfactory. Replaced air filter with new BA3. Drained and cleaned fuel bowl. Inspected fuel shutoff valve for proper operation. Inspected fuel selector for proper operation. Serviced brake reservoir with MIL-5606 hydraulic fluid as needed. C/W 91.207 (d) by inspection of ELT and operational test. Battery expires August 2019. Inspected fuel cells, vents, and fuel cap o-rings. Inspected main and nose landing gear oleo struts and serviced as needed. Inspected nose gear steering for proper travel and control. Jacked aircraft. Removed all tires and inspected. Serviced main tires to 24PSI and nose tire to 18 PSI with nitrogen. Removed, cleaned, inspected and repacked all wheel bearings. Inspected discs for wear. Inspected brake backing plates for cracks. Inspected all hydraulic lines for leaks, security, and chaffing. Inspected shimmy damper for proper operation. Inspected gear struts, and torque links for proper attachment and security. Lubricated nose and main gear as needed. Replaced exhaust system with new MFG by Aerospace welding. See attached 8130-3s for details. C/W AD 18-07-03 by inspection of fuel placards and no defects noted.

I certify that this Aircraft had been inspected IAW an ANNUAL inspection and Federal Aviation Regulations and is determined to be airworthy at this time. Details on file at this agency. W.O.# M4080

Signed _____ IA # _____
Tyler Ellis

Satnan Avionics

Engine Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	SMOH	REGISTRATION	SERIAL NUMBER
9/10/18	LYCOMING O-360-A4M	4945.29	5229.89	1573.79	N75191	RL-1039-36A

Performed an annual inspection IAW Lycoming O-360 service instruction and FAR 43 appendix D. Pre engine inspection run up accomplished. Compression check as follows: 1-76, 2-79, 3-77, 4-76. Inspected all engine oil components, lines and fittings for leaks. Inspected oil cooler. Verified proper torque on rocker box covers. Inspected wiring to engine accessories for damage, chaffing, and burns. Verified proper timing to engine. Inspected all fuel components for leaks, security, chaffing, and proper routing. Inspected intake seals and clamps for leaks. Installed new exhaust gaskets 77611 on new exhaust system Inspected engine controls for proper travel, positive stops, security, and lubricated as needed. Inspected exhaust system for leaks, cracks, and deformation. Pressure tested ok. Cleaned breather tube. Inspected crankcase for leaks, cracks, and bolt security. Repaired engine baffling as needed. Inspected engine mounts for condition, cracks, and security. AD 17-16-11 NA by date and S/N.

I certify that this Engine had been inspected IAW an ANNUAL inspection and Federal Aviation Regulations and is determined to be airworthy at this time. Details on file at this agency. W.O.# M4080

Signed _____ IA # _____
Tyler Ellis

Satnan Avionics

Propeller Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	SPRC	REGISTRATION	SERIAL NUMBER
9/10/18	SENENICH 76EM8SS-0-60	4945.29	4945.29	1573.79	N75191	15702K

Performed annual inspection IAW Sensenich service instructions and FAR 43 appendix D. Inspected spinner, back plates, mounts, blades and hub for any defects. Dressed propeller as needed.

I certify that this Propeller had been inspected IAW an ANNUAL inspection and Federal Aviation Regulations and is determined to be airworthy at this time. Details on file at this agency. W.O.# M4080

Signed _____ IA # _____
Tyler Ellis 