

SUN AVIATION, INC., Vero Beach, FL (VRB)**Date: 11/22/13****AIRCRAFT LOG****N3061J****Hobbs: 802.4****Model: PA46-500TP****S/N: 4697322****ACTT: 802.4**

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, ELT Battery Due 11/2019. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 08/2014. C/W Fire Extinguisher Weight Check. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1135 aileron sector bearing lubrication requirements. Removed EPS battery for cap test, reinstalled upon successful completion of the cap test. Adjusted forward cushion in yoke per PA46-500TP MM 27-30-00. Replaced right tail nav light, installed P/N 34-0428070-64 per PA46-500TP MM 33-40-00. Sent flap indicator to Mid Continent for overhaul, installed overhauled P/N 602-270 S/N C07-10852 per PA46-500TP MM 39-10-00. Repaired wire in oxygen cabinet per AC 43.13-1B section 13. Adjusted elevator cable tension per PA46-500TP MM 27-00-00. Replaced 2 static and 2 drain placards, installed P/N's 656-238, 656-250 per PA46-500TP MM 11-00-00. Applied patch on left wing lower/outer de-ice boot per 74-451-AA universal de-icer patch kit instructions. Removed mount bolts for LoPresti power supply and installed correct bolts. Replaced chaffe tape on right and left wings per PA46-500TP MM 11-00-00. Applied loctite seal on radar pod. Replaced left main brake shim, installed P/N 068-01100 per PA46-500TP MM 32-40-00. Resealed left main brake caliper and bled brakes per PA46-500TP MM 32-40-00. Installed new bolt and bearings on right main upper torque link, installed P/N's 452-857, 691-315 per PA46-500TP MM 32-10-00. Replaced adel clamps on nose gear per PA46-500TP MM 32-60-00. Replaced bearings and races on nose wheel, installed P/N's 08125, 08231 per PA46-500TP MM 32-40-00.

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Adjusted pitch and servo cable tension per PA46-500TP MM 22-10-00. Replaced compass, installed repaired P/N 598-599 per PA46-500TP MM 25-10-00. Performed wet compass swing per Piper MM 767-005 Section 34-20-00 page 33. New compass card installed. Installed radome protective boot per instructions. **C/W 300 hour fixed O2 cylinder system inspection per Piper 300 hour inspection MM 35-10-00. Accomplished 500 hour/2 year fuel tank inspection per PA46-500TP MM 5-30-00. Accomplished 5 year replacement of the main battery, installed P/N 601-910 S/N 40596411 per MM 24-30-00. Accomplished 1 year engine mount to fuselage inspection and security, retorqued engine mount bolts per Piper PA46-500TP MM 5-30-00. Accomplished 5 year wing, tail and elevator push rod corrosion inspection and treatment per PA46-500TP MM 55-10-00, 55-20-00, 55-30-00 and 57-40-00. C/W SB1262 wing inspection by visually inspection of wings for sealant, sealant is installed. C/W Piper SB1255 boost pump wiring mod per Piper drawing #88541 Rev B. C/W Piper SB1256 nose gear hardware replacement, installed P/N's AN174-13, AN960-416, AN960-416L, MS14144-4 and MS24665-132. Accomplished Piper SB1258/ AD 2013-13-01 per Piper SB1258 parts I, II and IV. Accomplished 5 year Airbourne check valve inspection, installed overhauled valve P/N 1H37-1 S/N 3290-00 per PA46-500TP MM 37-00-00.**

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001348 AD's Researched THRU REV. 2013.23

Signature _____

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL _____