

Aircraft Logbook Audit



AIRCRAFT DESCRIPTION - NOTE AIRFRAME AND ENGINE TIMES ARE APPROXIMATE										
Year	Make	Model	Registration	Serial No.	AFTT	Engines	SMOH	MGTOW	Empty Wt	Useful Load
1966	Piper	PA30B	N7887Y	30-973	4,500	IO-320-B1A	207555A/L285055	3,600	2,207	1,393
Base Color	Trim 1	Trim 2	Trim3	Int Material	Logbooks	Annual Due				
White	Burgundy	Gold	Select	Leather/Fabric	Complete	6/30/27			I/O	Phillips XC 20W50
LOGBOOK		DATE	AFTT	CATEGORY		DETAILS				
Airframe Log 1	Jan-66	0	Airframe - Inspection		Airworthiness certificate issued					
	Aug-66	96	Airframe - Mx / Repair		Autopilot was upgraded with trim. Narco transponder installed.					
	Nov-70	1,268	AD - Compliance		CW ADs 70-16-3 Par A and E, 70-22-2 Par A & B, 69-24-4. Repaired OB edge of LH aileron. Painted stabilator tips. Painted wing tips black. Installed air flow kit IAW SL 518 and 760-409. Installed Grimes strobe kit on wing tips. See 337					
	Sep-71	1,606	Airframe - Mx / Repair		Replaced damaged nose fuselage section assembly p/n 23755-00 with factory new					
	Oct-71	1,674	Change - Hobbs / Tach		Removed RH engine and installed on L-2850-55A. RH and LH tach replaced with new tachs reading 0. LH tach replaced at 1674.0 LH tach. RH tach replaced at					
	Mar-72	1,802	Airframe - Mx / Repair		Replaced landing light at LH tach 128 and RH tach 126					
	Aug-73	2,100	Airframe - Mx / Repair		CW Piper SB 388 by installing kit 760-773					
	Jan-74	2,378	Airframe - Remove / Install		Installed ACK ELT					
	Nov-74	2,474	AD - Compliance		CW AD 74-16-08 and AD 74-10-03					
	Jan-75	2,533	Airframe - Mx / Repair		Installed reconditioned LH Aux and Main tanks. Installed new nose wheel half and axle					
	Jan-77	2,792	Airframe - Remove / Install		Installed Piper Alt Static Source.					
	Mar-78	2,862	AD - Compliance		CW AD 77-13-21 Par A and B at LH Tach 1188.7. Installed kit 761 082.					
	Mar-79	2,935	Airframe - Damage		Disassembled and transported to shop. Replaced multiple parts with same as per original including skins, rib, flaps, wing tip, fairing, stabilator, gear door assemblies. Aircraft stripped and repainted with Imron polyurethane to owner's specifications. Test flown and returned to service.					
	Aug-82	3,182	Airframe - Remove / Install		Installed new one-piece windshield IAW STC SA3336WE. See 337. Installed new metal to metal seatbelts.					
	Jul-83	3,274	Prop - Overhaul		Installed Hartzell prop STC SA557GL					
Airframe Log 2	Feb-84	3,317	AD - Compliance		CW AD 83-19-03 Par A & C and Piper SB 751					
	Oct-84	3,361	AD - Compliance		CW AD 77-08-01 per SL 787, 83-10-01 Par B and placard. Aircraft already had conical SS fuel strainer housings.					
	May-85	3,399	Change - Hobbs / Tach		Installed WX-8 Stormscope. Removed LH and RH tach and installed dual tachometer. See 337					
	Sep-85	3,434	Instrument - Remove / Install		Installed KX155 Nav/Comm, KI 209, KI208, KMA24, KA120 DME. See 337.					
	Sep-85	3,434	Change - Hobbs / Tach		Installed Hobbs meter at 1760 tach time					
	Dec-86	3,589	Airframe - Remove / Install		Installed corrosion resistant stabilator bolts per SL 772.					
	Nov-88	3,607	Airframe - Remove / Install		Installed Alternator Kit IAW STC SA334SW. See 337					
	Dec-89	3,681	Airframe - Mx / Repair		OH'd flap drive motor and OH'd gear motor. Replaced all bolts in LH and RH MLG side braces and replaced bushings in torque knees.					
	Jun-90	3,720	Airframe - Mx / Repair		Replaced horizontal stabilizer tip LH and repainted					
	Jul-90	3,720	Airframe - Remove / Install		Replaced LH and RH Aux fuel cells. Installed new seals and hardware.					
	May-92	3,826	Airframe - Mx / Repair		OH'd both electric fuel boost pumps at Webco.					
	Dec-92	3,858	AD - Compliance		CW AD 77-13-21 Par A and B at Hobbs 424.4 and 3858 AFTT					
	Mar-94	3,931	Airframe - Remove / Install		Installed Webco side window kit IAW STC SA2484CE, Exhaust Stack Extensions IAW STC SA2648SO, and Webco Door Latch Kit IAW STC SA2550CE.					
	May-94	3,935	Airframe - Paint / Interior		Recovered seats, sidepanels, headliner and replaced carpets.					
Airframe Log 3	Jan-96	3,992	Engine - Overhaul		OH'd LH and RH engines. Replaced Lord mounts. Installed props with new Q tip blades. Painted section of aircraft belly, NLG doors/wheel/fork. Replaced wing tip strobes with WAT Comet Flash units and strobe power supply. Replaced fuel selector console to match new interior.					
	Jan-96	3,989	Airframe - Damage		Removed damaged skins & bulkheads and replaced as necessary. Replaced lower keel beam angles and damaged antennas. Pulled both Main fuel cells for rejuvenation. OH'd MLG transmission. Repaired broken ribs at seat rail mounts. Installed Kosola shoulder harness kits. See 337 and full entry for details.					
	Feb-97	4,053	Airframe - Remove / Install		Installed Webco 10.2 gal Nacelle Tanks on both sides. Repaired ailerons at Williams Airmotive. Replaced heater combustion air pressure switch. Replaced pilot side heat SCAT tube. Replaced nose strut tube and fork with serviceable due to damage scissor attach and pitted tube. Installed new seals and wipers on all gears.					
	Feb-98	4,102	Airframe - Mx / Repair		Repaired aux fuel pumps					
	Feb-99	4,151	Airframe - Mx / Repair		Replaced both voltage regulators. Rewired alternator system and repaired both alternators.					
	May-99	4,151	Airframe - Mx / Repair		Replaced LH gear wheel with used Cleveland 40-90. Inspected, zinc chromated and painted wheel.					
	Oct-01	4,326	Instrument - Remove / Install		Replaced AT50 with GTX 327. Installed K2U Baggage Door Strut IAW STC SA308CH and Fin Cap					
	Jun-02	4,374	Airframe - Mx / Repair		Replaced both LH & RH OB flap tracks with new PMA9 Webco tracks. Repaired RH top engine nacelle cowl					
	Oct-02	4,379	Instrument - Remove / Install		Installed S-TEC System 55X autopilot ST-562 and GNS430. See 337s					
	Nov-02	4,385	Airframe - Mx / Repair		Replaced both landin glights with Halogen bulbs. Replaced RH bendix, oil drain plug					
	Mar-04	4,511	Airframe - Mx / Repair		Removed nacelles, stripped, primed and painted, and reinstalled nacelles.					
	Feb-05	4,517	AD - Compliance		Installed serviceable LH CHT gauge. Repaired pitot tube mount. Installed ash trays in side panels and baggage door lock. Sealed holes and nose firewall. Replaced aft lower wing root seal RH wing. CW AD 77-13-21 Par A and SL782A and AD 97-01-01R1. Both ADs next due at Hobbs 2083.9 or ACTT 5517.9					
	Aug-06	4,577	Engine - Mx / Repair		Repaired LH engine exhaust manifold at #1 and #2 cylinders					
	Mar-11	4,701	Airframe - Paint / Interior		Aircraft stripped, primed and repainted in Sherwin Williams AcryGlo Matterhorn White 570-535, Cranberry Craze 08456, Las Vegas Gold 10494, and Black 01955. Balanced flight controls. Mena Aircraft Painting					
	Mar-12	4,709	Airframe - Paint / Interior		Carpet replaced with new Elan 6000 Cranberry carpet. Removed ADF					
	Nov-14	4,798	Instrument - Remove / Install		Installed GEM G4 engine monitor IAW STC SA02930NY					

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Airframe Log 4	Sep-15	4,814	Airframe - Mx / Repair	Replaced 3 belly drain scoops. Installed Eagle RH Main fuel cell. Replaced SCAT aft of rear baggage.
	Jul-15	4,814	AD - Compliance	CW AD 94-13-10 Par D by installing hi-shear rivet kit 760 835 on all stabilator torque bearing support fittings. Utilized Webco AMOC and terminates recurring inspection.
	Sep-15	4,814	Airframe - Mx / Repair	OH'd both fuel gauges and all sending units. Installed 60 AMP CBs as required by Interav alternator conversion. Installed new ACK E04 ELT in place of previous. Fabricated 30 degree scarf weld patch for both engine mounts' upper LH diagonal tubes. See 337. Installed small nosewheel STC SA1806SO. Installed new wheel well closeout panel on RH MLG.
	Sep-17	4,828	Airframe - Remove / Install	Installed Aviation Innovations Fuel Pump Motor Modification STC SA00786SE. Installed Aileron, Flap and Flap-to-Fuselage Gap Seal STC SA526GL. Installed Wing Fillet STC SA370CH, Wing Root Fairings STC SA516GL. See 337. Repaired LH firewall at forward and aft side with sheet metal. Replaced IB flap return springs with new. Placarded heater INOP. Installed reinforcement kit 763 893 on LH aileron only.
	Apr-18	4,841	Instrument - Remove / Install	Installed PSE PM1000II intercom, Status ESG transponder. Status USB and Antcom WAAS antenna. See 337
	Jan-19	4,855	Airframe - Mx / Repair	Installed new MLG conduits. Replaced LH MLG drag link with serviceable. Checked trunnions for cracks, none found. Replaced strobes with WAT LED anti-collision/position light system IAW STC SA800EA. See 337. Installed JPI EDM 790 w/Fuel Flow in place of previous GEM with all new probes and transducers IAW STC SA00729SE/SA00432SE. EDM Tach reads 0
	Mar-26	4,877	Check - Txp / Static	Current IFR checks. Expire 3/2028
	Jun-26	4,877	Airframe - Inspection	CURRENT ANNUAL: Installed new placard set on fuel selector. Installed new NLG wheel bearing cups/cones. Packed all bearings. CW AD83-10-01, AD 79-12-08 part A per SL 851. OH'd MAP gauge. Replaced ELT battery and checked ELT. Expires 11/30. Installed serviceable steering tube and inner housing bushings on NLG. Replaced MLG bungees. Heater remains INOP. Reworked flap motor/transmission assembly.
L Engine Log 3	Jan-96	0	Engine - Overhaul	OH'd LH engine at 2378.4 ETT, 558.8 Hobbs. Replaced the following with new parts: crankshaft, gear, bolt and lockwasher, pistons, piston pins/tappet bodies/tappets, cylinder rings, gaskets. Steel parts magnafluxed by Rick Romans. Engine case x-rayed, welded and resized by Divco. Cylinders reworked by D&B. Replaced fuel hoses, oil cooler lines, and fuel manifold drains. CW AD 93-02-05 per SB342A. Replaced all Lord mounts with new. Replaced baffling with new silicone and painted.
	Feb-97	62	Engine - Mx / Repair	Replaced push rods and push rod tube keepers as necessary to correct valve clearance
	Sep-00	218	Engine - Cyl Replacement	OH'd connecting rod on #3 and installed new piston pins/pin plugs, ring set. Honed cyls #3 and #4 and measured. Assembled with new seals and gaskets.
	Aug-06	550	Engine - Mx / Repair	OH'd fuel servo. Repaired #1 exhaust manifold with weld at flange and reinstalled.
	Jun-09	667	Engine - Cyl Replacement	Replaced #1 and #2 cylinders due to low compression with yellow tagged units from Gibson Aviation. Replaced EGT probe.
	Sep-15	821	Engine - Mx / Repair	Reworked exhaust stack at AWI. Replaced #2, #4 oil return tubes. Replaced all engine fluid hoses from PHT and all vacuum hoses. Removed tail pipe extensions. Replaced #2 cyl oil return fitting with serviceable and #3 exhaust stud. Installed new vernathem and GAMInjectors.
	Jan-19	862	Engine - Mx / Repair	Installed new alternator belt. Replaced nose seal per SL 1324A. CW AD2015-19-07 by inspection of fuel injection lines and replaced #2 cyl line. Fabricated and installed new engine grounding strap.
L Engine Log 4	Jun-26	884	Engine - Inspection	CURRENT ANNUAL (though no signoff for engine): Compressions 78/75/77/75. Changed oil and filter, no metal found. Serviced with 8qts Phillips XC 20W50. Cleaned, gapped, tested and reinstalled plugs with new gaskets. Replaced valve cover gaskets at #1 and #4. OH'd dry air pump. Inspected GAMI nozzles. Replaced alternator power cable end lug.
R Engine Log 3	Jan-96	0	Engine - Overhaul	OH'd RH engine at 2372.0 ETT, 558.8 Hobbs. Replaced the following with new parts: crankshaft, gear, bolt and lockwasher, pistons, camshaft, piston pins/tappet bodies/tappets, cylinder rings, gaskets. Steel parts magnafluxed by Rick Romans. Engine case x-rayed, welded and resized by Divco. Cylinders reworked by D&B. Replaced fuel hoses, oil cooler lines, and fuel manifold drains. CW AD 93-02-05 per SB342A. Replaced all Lord mounts with new. Replaced baffling with new silicone and painted.
	Aug-10	670	Engine - Mx / Repair	OB Exhaust stack replaced with serviceable due to crack. Replaced lower RH Lord mount.
	Dec-11	708	Engine - Cyl Replacement	Replaced #2 cylinder with OH'd unit by Gibson Aviation due to low compression
	Jun-14	775	Engine - Cyl Replacement	Installed serviceable cylinders at #1, #3 and #4 position
	Sep-15	821	Engine - Mx / Repair	Repaired hole in RH nose bowl cowling. Replaced all engine fluid hoses from PHT. Removed tail pipe extensions. Installed new Barry shock mounts. Removed mags for 500 hr inspection. Installed new vernathem and GAMInjectors. Repaired fuel pump shroud. Replaced 4 spark plugs with serviceable. Cut ice hole into existing crank case breather tube. Replaced all cylinder oil return tubes and vacuum pump hoses. Replaced intake SCAT from filter to alt air box.
	Sep-17	835	Engine - Mx / Repair	Replaced alternator with serviceable InterAv unit and brackets. Replaced #4 pushrod tube seals and retainer shroud, and valve cover gasket.
R Engine Log 4	Jun-26	884	Engine - Inspection	CURRENT ANNUAL (though no signoff for engine): Compressions 77/78/77/75. Changed oil and filter, no metal found. Serviced with 8qts Phillips XC 20W50. Cleaned, gapped, tested and reinstalled plugs with new gaskets. Installed new alternator belt. OH'd dry air pump. Inspected GAMI nozzles. Resealed vacuum pump drive assembly. Minor weld repair on #2 exhaust stack. Installed serviceable crank case breather tube on firewall.
L Propeller Log 1	Apr-06	0	Prop - Overhaul	Propeller OH'd at M&M Propeller with new blade.
	Jan-19	300	Prop - Mx / Repair	Replaced roll pin and mounting stud. Set dome pressure.
	Jun-26	322	Prop - Inspection	CURRENT ANNUAL: Inspected, lubricated and set dome pressure
R Propeller Log 1	Jun-26	0	Prop - Overhaul	Propeller OH'd at Byam Propeller at Hobbs 1443.4. Set dome pressure and lubricated