

Aircraft Associates
Notable Aircraft Maintenance History
10/11/23

Registration N8614Y	Make Piper	Model 1969 PA-30 Twin Comanche C C/R			
Serial No. 30-1754	Engine IO-320B1A/LIO	Paint Jet Glo White with Aristo Blue and Desert Sand Trim (1998)	Interior	MGTOW	EW

Log	Date Logged	Item(s) Addressed	Critical Item
Airframe Log 1	November-68	STANDARD airworthiness certificate issued	
	September-69	Installed In Flight Devices Corp. Radar Altimeter	
	May-70	OH'd fuel flow gauge	
		Replaced beacon with Whelen Strobe Beacon IAW STC	
	May-70	SA615EA	
		CW Piper SB 314A. Replaced 20 loose rivets on RH flap trailing edge, CW SB 310 Airspeed markings, CW SB 306 alternator system modification, installed airflow modification kit and added to AFM supplement.	
	September-70		
	April-71	Installed Service Kit 760 505 Trim Switch Modification.	
	September-71	Removed radar altimeter and all related cables	
	November-71	Replaced external power solenoid. Repaired RH flap up latch	
		Installed new trim cable (front only) and new electric trim	
	April-73	capstain wheel	
		Installed Met-Co Aire Wing tips, Miller One piece windshield and Dorsal fin IAW the respective STCs: SA871WE, SA1152SW, and SA1112SW	
	November-73		
		Counter Rotating conversion made with Piper Conversion Kit	
	March-74	760 368. ELT Beacon installed, model EBC 302V	
	March-74	Both tachs returned to 0 time at AFTT 2050	
		Replaced altimeter with Aerodynamic encoding altimeter and	
	July-76	installed Narco ARA 812	
	March-77	Replaced RH spinner backplate	
Airframe Log 2	August-81	New heater installed at this time and 0 Hobbs meter installed	
	March-82	Installed OH RH Aux fuel cell	
	June-82	Installed KT 76A and KN 62A	
		Installed Knots2U Aileron and Flap Gap Seal Kits, Great Lakes	
	June-84	Aero Products 1 piece windshield.	
		Aircraft fully stripped and refinished in Alumigrip Polyurethane Enamel in: 60-31 Bluetone White (Imron N-8017U Blue White Cross), 1315 Bahama Blue, K100 Aristo Blue. Done by Huron	
	March-84	Aero Refinishing in Brand Bned, Ontario.	New Paint
		Removed Narco MK16 and VOA8. Installed Narco MK-12B and	
	October-87	ID-825 Nav Comm and VOR indicator	
		Removed interior. Painted interior with Delstar DAR-25166 C&FE AvLan. Installed new door seal and the following:	
		Headliner Nava BRK-20 Ivory, Interior Millipian Fontaine 2520	
		Midnite, Carpet 1102 Blue. No weight change. All material	
	January-88	meets FAR25.853 at time of installation.	New interior
		Removed RAM II audio control, Narco MK 16 & VOA 9, Delta 202 Marker receiver. Installed the following per manufacturers instructions: Narco CP136M Audio Panel, MK 12D and ID 824,	
	January-88	Foster LR10 500, Davtron M-303 Digital Temp/Volt, Davtron 701B ADF Digital Readout, NY 154 standard E-field antenna	
		Both props overhauled and new alternator installed in LH	
	September-89	position	
		Insulated heat shrouds. Rejuvenated RH main fuel cell and reinstalled with new gaskets. Replaced fuel caps with Webco PMAd. Replaced LH oil pressure gauge with serviceable.	
		Replaced LH prop spinner with serviceable. Repaired RH	
		landing gear door. Clean and paint main struts. Replaced L&R	
		main gear door hinges. Replaced bearings in heater	
	May-92	combustion and blower fans. OH RH Weldon Boost pump.	
		Removed KR80 and installed King KR 87 ADF receiver. Installed	
	August-92	BFG WX 900 Weather Mapping System.	
		Installed 15 x 6.0 6ply nose wheel tire STC in flight manual.	
		Installed Shadin fuel flow indication system and Electronics	
		International Engine Analyzer. 337s and STCs in flight manual.	
		Removed and reinstalled OH'd LH aux boost fuel pump by	
	January-93	Webco Aircraft.	
	June-93	Installed new vertical card compass	
		Removed LH main fuel cell and rejuvenated and reinstalled with	
		new gaskets. Repaired LH alternate air box and replaced	
	May-94	control wire cable. Replaced RH induction airbox hose.	
	October-94	Installed repaired nose gear trunnion	
	November-94	Replaced MAP gauge with OH exchange	
	April-95	R&R RH fuel boost pump	
	June-95	R&R LH Aux Fuel Cell	
		Installed STC SA370CH Knots2U Wing Fillets on trailing edge	
	September-95	inboard flaps. Painted using Imron N8017U White	
		CW AD 77-13-21 A & B at 4062.1 AFTT / LH Tach: 2011.17.	
		Replaced both bungee arms due to cracks. Replaced baggage	
	May-96	door seal with K2U strut. Replaced both aux fuel caps.	
		Removed both engines due for Overhaul and installed two	
		Factory Overhauled Engines with new Lord mounts and all new	
		fuel and oil hoses. Installed new oil coolers, new RH aux fuel	
	September-96	tank, and replaced original props.	Engines factory overhauled. Tach 0.3. AFTT 4123 hours
		Installed the following: LoPresti Speed Spats, Speed Splitters,	
September-96		and Wow Cows. See 337 this date.	

	Strip aircraft with El Dorado PR 4042 chemical. Inspect aircraft skin for corrosion and imperfections. Sand and repair all fiberglass and fill minor surface dents with lightweight filler. Etched aircraft with El Dorado AC-5 aluminum brightener and alodined with Doradokote #7. Primed aircraft with 724-400 epoxy chromate. Paint overall with 570-563 Jet Glo with Aristo Blue 527-690 and Desert Sand 577-629 Jet Glo accents. By	
January-98	Aircraft Refinishers in Thomaston, GA.	New Paint
	Customize new seats with Skandia (flame resistant) foam. Seat covers redesigned and covered with new foam and leather from Aeristo (Pelican AN-F-011 Aeronappa). Removed and repaired side wall bottoms and covered with with Aeristo leather (Pelican) and Garrett leather (Royal 835 Berkshire). Floor carpet customized using cut pile carpet from Douglass Interior Products (828 Shell AZ3517). Fabricated two aft bulkhead panels and covered with the two leathers above. Rebuilt four covered headrests with leather. Built backrest plate and covered with leather. Hill Aircraft Interiors completed the work.	New interior
April-98	Replaced LH and RH brake hoses. OH'd both fuel selector valves. Removed gear transmission, OH'd and reinstalled. CW	
March-04	AD 77-13-21 by "replacement and inspection"	Entry out of order. See Log 4 for entries in between
	Replaced old heater and installed new style rebuilt heater Model B2500 PN FR20035-1EL. Installed new clamp on tail pipe assembly. Installed a flap actuated gear warning system as per STC SA2647CE. Shoulder harness kit installed for both front seats as per STC SA00484WS. Installed GAMI fuel injector nozzles on both engines as per STC SE09445K. Installed nose taxi light as per STC SA1341SW.	
Airframe Log 4	February-99	
	Installed Piper Service Kit 760 914 Aileron Outboard Bracket which terminated AD 77-8-1. Piper SK 763 893 Aileron Nose Rib Reinforcement kit installed which terminated AD 79-20-10.	
	Removed LH and RH Stabilator and Drilled off right lower aft tail skin to gain access to the stabilator torque tube bearing support fittings. Removed hi-shear rivets, enlarged and reamed existing holes and installed AN21-15A bolts. Riveted aft tail skin in the original location. All work done IAW SK 760-	
December-02	835. This terminates action to AD 94-13-10	
	Removed original NLG shimmy damper and replaced with	
April-03	Cleveland IAW STC SA634NE	
September-03	Replaced lower nose gear fork with serviceable unit	
	Replaced LH and RH brake hoses. OH'd both fuel selector valves. Removed gear transmission, OH'd and reinstalled. CW	
March-04	AD 77-13-21 by "replacement and inspection" AD 77-13-21 par	
	A and B CW at ACTT 4984.82 hours.	
	Installed LH and RH LoPresti Speed Merchants Boom Beam	
March-04	Landing Light Kit IAW STC SA 02279AT	
	Removed RH MLG from aircraft and replaced trunnion from	
February-05	S&B Industries Inc.	
	Replaced wheel hub caps with LoPresti Hub Caps IAW STC	
April-05	SA0122AT	
May-05	Replaced all bottom rollers and top as needed on wing flaps.	
	Installed 6 new static wicks. Installed new MAP Gauge.	
	Repaired crack in right rear floor area. Replaced rusted hardware with stainless steel. Weighed aircraft on certified	
May-06	scales.	
	Replaced Cabin Seat Back cams on LH forward and rear seats from excessive wear and reinstalled both seat stops.	
December-07		
	Replaced carpet from front to rear with "Dark Beige" carpet purchased from Airtex. Fitted to cabin and installed.	New carpet
June-08	Minor repairs to bottom LH and RH cowlings. Replaced RH cowl flap hinge. Installed new RH Main fuel cell	
June-08		
April-09	Replaced Heater Ignition vibrator from Harold Haskins Inc.	
	Both fuel selectors OH'd by Webco. Replaced Dual MAP Gauge from Precision Avionics.	
July-09		
	Installed new stabilator horn and hardware to CW SB 1160 and new bearings in bearing blocks. This also CW SB 1189.	
September-10	Repetitive inspections resume at ACTT 6887.59	
	Removed and replaced nose access cowl after repairs made to	
December-10	chipped paint	
October-12	Replaced nose wheel and tire with Cleveland wheel	
	Removed taxi light bulb and replaced with Whelen LED assembly. Inspected landing gear assembly IAW AD 77-13-21 (A) and Piper SL 782A and determined to be within specified limits. Removed and reinstalled landing gear transmission after inspection and repair as needed by Bob Weber.	
	Completed at RH Tach 1948.02. During the inspection of the gear retraction system the studs (2) were replaced with new	
November-12	units with grease fittings.	AD 77-13-21 (A) CW at RH Tach 1948.02
	Installed new boots on steering rods and bulkhead. PA-24 Rod Boots have a good fitting and are ready for service. They were	
April-14	purchased new from Webco.	
	Installed new exhaust hangar, new heater temp control arm and new combustion air blower. Installed new elevator trim	
Propeller Log	February-16	
	pulleys.	

		Replaced PTT switch with new. Installed OH'd MAP indicator. OH'd LH and RH brake calipers with new O rings and linings. Cleaned and remounted all 4 fuel senders. OH'd both engine exhaust systems, welded the LH engine induction air box and alternate air by Plane Exhaust LLC. Replaced both engine SCAT ducts. Replaced all firewall to engine frame hardware and isolators. Replaced left nacelle firewall and installed with all new SS hardware. Replaced both gascolator bowls with new. Replaced LH and RH engines magnetos and harnesses with new.	
	August-17	Installed two overhauled engines, one IO and one LIO. Both motor mounts NDT and painted. Installed with new LORD mounts. Flushed main and aux fuel system and topped off to verify fuel quantity. Props flushed and Palm Beach Prop Service and installed.	Engines overhauled
	August-17	Replaced communications antenna. Repaired damaged rivet holes on RH flap inboard trailing edge and added doubler/new rivets. Stop drilled skin cracks forward of LH aileron. Repaired upper RH engine cowling crack and lower cowling crack. Repaired LH upper engine cowling L & R support channels and crack in lower engine cowling.	
	December-17	Replaced Janitrol Ignition Vibrator and heater fuel regulator and shutoff valve.	
	January-18	Replaced aircraft battery.	
	June-18	Replaced RH engine oil pressure gauge. Installed new strobe beacon. Replaced wing root fairing seals. Reinstalled EI Engine Analyzer after repair. Removed Janitrol heater and installed rebuilt heater FR20D35-1(S)	
	November-18	Replaced transponder antenna with Rami AV-74 Transponder antenna. Removed RH fuel pump and replaced. Repaired LH Gear Door rod end attach point by sheet metal repair.	
	December-19	Removed, fabricated and installed autopilot pitot static line. Reinstalled Century 2000 after repair. Reinstalled AI after repair.	
	May-20	Fabricated landing lights, wing strobes and pitot heat switch placards IAW Service Manual section 11. Replaced existing GPS antenna with GA-35 WAAS	
	June-20	Reinstalled Stall Light in instrument panel. Removed alternator and replaced.	
	August-20	ELT Battery replaced and expires 10-2025. Replaced LH and RH bungee cords. Replaced ELT with ACK E-04 ELT.	
Airframe Log 5	July-21	Replaced LH Engine Vacuum Pump	
	December-21	Replaced ELT batteries. Now due 10/2025. Replaced LH gear actuator at gear bearing. Removed and replaced MLG bungees. Placarded Janitrol Heater INOP. Dynamically balanced LH and RH props.	
	January-22	Transponder check completed. Good through 1/30/24.	
	January-22	Replaced heater fuel shutoff valve.	
	June-22	Replaced LH engine #3 CHT probe. Installed new LH fuel pump. CURRENT ANNUAL: Replaced instrument regulator filter and instrument air filter. Inspected and repacked wheel bearings. Installed new bearings and races on LH MLG and RH MLG and NLG. Replaced LH flap bracket cover rivnuts. Installed new pilot seat stop. Replaced RH engine cylinder #2 exhaust gaskets. Replaced RH engine bottom right skin rivnut. Replaced left wing root fairing rivnut.	
	January-23	Removed aileron and installed new aileron on LH side.	
	February-23	Replaced ships battery with new Concorde. Replaced right magneto P-lead on RH engine. Adjusted LH fuel selector valve control rod to ensure proper contact with microswitch.	
	August-23		
LH Engine Log 3	June-17	Major engine overhaul at Tach time 2583.01. All current ADs complied with. Magnaflux and Zyglo inspection of appropriate parts. Completed at One Stop Aviation. Not noted if new parts installed. Done to serviceable limits	O SMOH
	December-17	Installed Airforms engine baffle set, new #2 EGT probe, replaced RH exhaust support bracket. Replaced alternator cooling duct. Replaced fuel supply line to spider valve. Replaced both engine fuel drains with new AN 90 degree elbow and straight nipple.	
	November-18	Prop governor overhauled. #2 and #1 EGT probe replaced. Removed and replaced #1 and #2 cylinders with No Blow Gaskets. Inspected magnetos and bench checked. Replaced LH fuel servo and mixture cable ball joint.	
LH Engine Log 4	February-20	Replaced LH engine vacuum pump	
	July-21		
RH Engine Log 3	June-17	Major engine overhaul at Tach time 2583.01. All current ADs complied with. Magnaflux and Zyglo inspection of appropriate parts. Completed at One Stop Aviation. Installed New 4330 Magnetos #3 and #4 and M2508 harness. Installed 8 new fine wire spark plugs. Installed new OB exhaust hangar clamp. Not noted if new parts installed. Done to serviceable limits	O SMOH
	December-17	Installed Airforms engine baffle set, new #4 EGT probe, replaced RH exhaust support bracket. Replaced alternator belt and alt cooling duct. Replaced fuel supply line to spider valve. Replaced both engine fuel drains with new AN 90 degree elbow and straight nipple.	
	November-18	Removed fuel servo and flow divider and sent for repair	
	February-20	Replaced RH fuel servo.	