

Aircraft Associates
Notable Aircraft Maintenance History
10/2/25

Registration **Make** **Model**
N88WW (N8964Y Piper 1971 PA39 Twin Comanche

Serial No.	Engine	Paint	Interior	Tach / AFTT	MGTOW	Empty Weight	Useful Load	CG
39-125	IO-320-B1A	Polyurethane Matterhorn White JG 570-535, Blue 63203U IM, Medium Gold Metallic 44469 IM, and Medium Gray AcryGlo TP-10081 (1999)	Leather Light/Dark Grey Seats w/Grey Twill Side Panels and Grey SCS FlightFloor/Embroidered Rugs (2018)		3600	2429.5	1170.5	83.6
Log	Date Logged	Item(s) Addressed	Critical Item					
Airframe Log 1	September-71	STANDARD airworthiness issued						
	June-72	Installed Piper kit 760-601		135				
	April-74	Installed Narco AT50 and Genave D303 marker receiver						
	May-77	Installed Piper kit 760-914 on R&L aileron		760				
	September-78	Replace fwd engine cowl hinges and pins		1008				
		Removed 2 Narco radios and transponder. Installed 1 KX170, KNS80, KY195B, KA134 audio panel, KI201, and KI206 OBS.						
	March-79	W&B updated this date.	Avionics upgrade	1072				
	October-80	OH'd heater IAW Janitrol manual - Model B2030		1390				
	March-81	Installed new LH boost pump assembly		1416				
		Installed Ryan WX-10 display in front of pilot and processor on						
	August-81	radio shelf aft of baggage		1454				
	March-82	Installed 8 new Lord mounts on both engines upper and lower		1558				
	June-83	Installed Robertson SB19 Flap Return System		1708				
	October-85	Removed props and complied with Hartzell SB142		1939				
	October-86	Installed small nose tire STC SA180650		1993				
		Replaced aft and center windows LH and RH sides. Replaced						
	July-87	comm antennas and refurbished crew seats		2035				
	February-88	Replaced pilot's LH and RH door, windows		2108				
	February-90	CW AD 77-13-21 Par A and B		2404				
		Both LH and RH flap tracks replaced. Flaps reinstalled with new						
	January-92	bushings on both wings		2655				
		Replaced RH landing light, hinge pins in both MLG doors and						
	April-92	repainted both doors.		2679				
		Replaced gyro with OH'd unit an dreplaced fin cap with K2U						
	August-92	cap in place of rotating beacon		2738				
		New bearing, nut and bolt in RH OB hinge. Repaired attach						
	December-92	point on inside frame of cabin door		2790				
	January-93	Repaired nose strut. Repaired cowl flaps at attach points		2794				
		AD 74-13-03 reassessed and found no corrosion resistant bolts						
		installed. Replaced with proper corrosion resistant bolts. New						
		cups and cones and bearings on wheels. New gaskets on fuel						
		strainer bowls. New flap upper return springs. Fabricated new						
		brake hoses on LH and RH MLG. Freed 3 stuck pulleys in rudder						
		trim. Heater reinstalled after test and repair. Battery box						
		repaired and placed drain tube in box. Section behind nacelles						
		including flaps was sanded, primed and painted black.						
		Replaced bleeder, and replaced missing fabric patch in OB						
Airframe Log 2	May-93	section of MLG wheel.		2866				
	October-96	Replaced RH tach with 0 time at RH Tach 3384.54		3278.11				
		Installed the following LoPresti Speed Mods: Fiberglass Nose						
		bowls, Hartzell spinners, Flap gap seal kit, Speed splitter kit,						
	October-96	one piece windshield. See 337	LoPresti mods	3385				
	March-97	Installed PS Engineering PM1000 intercom		3323				
		R&R RH and LH main fuel tanks. Replaced MAP gauge.						
		Replaced cabin door hinge assembly. Installed new Rivets						
	November-97	under LH nacelle. R&R fuel strainers	New main tanks	3427				
		Removed RH and LH horizontal stabs, vertical fin. Replaced						
		fuselage skins p/n's 22574-02 and 20500-11. Inspected tail						
		structure and bearings. Reinstalled vertical fin, rudder and						
	March-98	horizontal stabs. Paint and balance checked. See 337	Re-skinned fuselage at tail section	3529				
		Replaced loose rivets under RH and LH nacelle. Replaced IB RH						
	October-98	aileron bearing. Replaced RH boost pump with OH'd unit.		3628				
		Strip and paint with Polyurethane Matterhorn White JG 570-535, Blue 63203U IM, Medium Gold Metallic 44469 IM, and Medium Gray AcryGlo TP-10081. By Aircraft Painting Center						
	September-99	Fort Pierce, FL	New paint	3694				
		Installed K2U rudder fin cap/strobe fairing and aero flash						
	October-99	anticollision light system IAW STC SA1662GL		3694				
	November-99	AD 77-13-21 CW Par A rebush. Installed new cowl mirror.	CW 77-13-21 Par A	3695				
		Removed King radios. Installed the following: Garmin GNS430						
	May-00	and GI106A indicator, Apollo SL40 Comm	Avionics upgrade	3727				
	May-00	Replaced LH yoke coil cord and PTT. Repaired ASI		3728				
		Installed GMA 340 in place of audio panel, intercom and						
	December-00	marker beacon units.		3831				
		R&R L+R/H Gear Hinge Assembly with new. Fill/paint small						
	December-00	crack in LH wing. Fill/paint skin crack at door hinge.		3831				
		Replaced pilot and copilot seatbelts. OH'd AI. Installed fuel						
	January-02	valve for heater system		3961				
	June-02	R&R landing gear motor, OH'd by Webco		4011				
	April-03	Installed hub caps on LH and RH wheels.		4091				
	September-03	Weld crack in pitot tube mast		4128				
		Repaired small cracks top RH wing skin. Replaced elevator trim						
	May-04	cable and 2 rivets in RH exhaust deflector		4202				
	Jun-04	Replaced LH tach at 4211 AFTT. Now reads 0		4211				
		R&R RH tach at RH Tach 1152 and 4344 AFTT. RH tach now						
	Jun-05	reads 0.		4344				
	Mar-06	Installed new style trim switch and trim on/off switch						
		Installed new LH aux fuel cap and new heater hose. Installed						
	Aug-06	new tach housing and tach cable assembly.		4413				

	Replaced resistors in flasher box and stall warning flasher.		
Dec-06	Installed new flap position sender Installed S-TEC System 60 Pitch Stabilization System ST-128 IAW STC SA5138SW-D. Mounted control head in radio stack		4447
Jul-07	and connected to Century II.	S-TEC 60 Pitch system STC	4490
Sep-07	Installed new LH lower brake back plate. Installed Webco door latch kit IAW STC SA2550CE and new bottom door hinge. OH'd LH Main tank fuel sender.	Upper door latch STC	4490
May-09	Replaced ammeter with serviceable unit. AD 77-08-01 PCW by installation of kit 760-914		4518
Aug-09	Replaced LH Aux fuel pump with new.		4540
May-10	OH'd ASI at Century Instruments due to leak		4545
Jun-13	CW AD 77-13-21 Par A and B. Par A next due 5682 AFTT.		4682
September-13	Removed both props and replaced with Hartzell model H-E2YL-2BSF/F7663 IAW STC SA557GL. Both alternator brackets were cracked so replaced on both engines. Replaced starter on RH engine and LH alternator.	New props	4701
August-14	Installed GDL 88, GTX33, Aspen EFD1000, EFD500, Garmin GTN750. Removed existing instruments. Replaced LH OH'd alternator, replaced all 4 fuel senders.	Avionics upgrade	4748
March-18	Installed Micro VGs IAW STC SA00763SE. Installed SCS Interiors crew floormat carpet set with embroidered NH and Heel pads. Installed Rosen visors IAW STC SA5983NM. Replaced RH engine isolators with 4 new Barry. Replaced RH engine Rocker cover gaskets. Installed Bogert Battery Box, Cover and Copper Cables IAW STC SA1582SE and SA3531NM.	Micro VGs and Rosen visors 1421 Hobbs	
April-18	Installed SCS Interiors FlightFloor classic grey vinyl flooring in rear of aircraft.	1427 Hobbs	
October-18	Removed both tanis heater systems. Installed CGR30 engine monitors in place of existing factory gauges. Installed USB6A smart charger.	Avionics upgrade	4865
January-19	Installed Miller Nose Tax Light IAW STC SA1341SW, K2U HiD Light Assembly Kit to LH and RH wings IAW STC SA1834CH. Installed a K2U replacement glareshield. Heater hour meter	Taxi light and K2U STCs installed. 1521 Hobbs	
April-19	Replaced RH main tank gas cap with non-venting aero fabricators inc part		4883
September-19	Removed vertical fin and rudder. Spliced vertical stabilizer skin between WL 58 to top of fin. Installed vertical fin and rudder.	Spliced vertical stab skin	4955
October-19	Installed LH and RH WAT Orion Wingtip position/anticollision lights IAW STC SA800EA		4976
November-19	Installed Reiff Preheat System HotStrip oil sump heaters and thermostat.		4981
December-19	Replaced LH vacuum pump. Installed K2U Stabilator tips		4994
March-20	Installed owner-produced MLG transmission and motor assembly.		5018
February-22	Repaired skin crack at door hinge with scab patch		5367
September-24	CURRENT ANNUAL: ELT checked and batt due 11/26. All ADs complied with. Installed new WAT tail beacon flash tube.		5483
		SMOH	
LH Engine Log 2	LH engine IO-320-B1A s/n L-4729-55A OH'd to manufacturer's new parts limits by Zephyr Engines at 4091 TIS		0
April-03	Installed OH'd LH engine FWF. All baffling repaired, painted, and fitted with new baffling seal. Inspected and powdercoated engine mount and installed new rubber isolators.		0
October-04	Installed new vacuum pump. 68.9 LH tach		
June-05	Cylinder #4 repaired.		253
August-06	Installed 2 new alt brush sets		322
November-06	Installed TAS-100 preheat system		353
February-18	Replaced 4 spark plugs. Repaired seized alt air cable.		689
October-18	Patched LH engine #1 exhaust pipe due to a crack/wear spot.		756
April-19	Installed 8 new UREM38E spark plugs.		792
July-19	Installed Lightweight Skytec Starter		792
November-20	Replaced alternator with OH'd unit and replaced regulator with Zeftronics STC SA8031SW. See 337. Replaced #4 EGT probe.		951
April-21	Replaced exhaust system with new from Acorn Welding. Repaired oil cooler support bracket. Replaced oil pressure bypass valve, induction SCAT tube and EGT probes on cyls #2 and #4.		1048
April-24	Installed 2 new snuffle valves. 5478 tach		1353
September-24	CURRENT ANNUAL: Cleaned and gapped plugs. Compressions: 70,70,74,71. Refilled with 8qts 15W50		1358
September-96	RH engine LIO-320-B1A s/n RL-336-66A OH'd/rebuilt at Lycoming IAW Textron Lycoming manuals. All accessories are either new or newly OH'd.		0
October-96	Installed this engine on N88WW. Ground run and test flown and all check good. Installed OH'd prop and prop governor.		0
November-99	Replaced flammable fluid hoses FWF with new. All spark plugs with new.		455
December-00	Repaired air box lid and replaced air box arm with new. Replaced 1 fuel hose with new. Replaced engine sump valve with new.		604
May-04	Installed new alt air door hinge		997
June-05	Cylinder #1 repaired		1139
September-05	Replaced RH vacuum pump with factory new. Replaced hose feed and drive seal.		1165
November-06	Installed TAS-100 preheat system		1200
June-10	Replaced front crankshaft seal		1355
February-18	CW 500 hr magneto inspection LH magneto. Replaced 4 spark plugs. Replaced engine mount isolators.		1572
October-18	Installed new CGR 30 tach.		1650.8

	July-19	Installed Lightweight Skytec Starter	1684
	September-19	RH CGR 30 adjusted to reflect TSMOH	1723
		Repaired CHT probe lead at #2. Replaced alt air control cable	
	November-20	spring clamp with new. Replace fuel pump drain with new.	1831
		Replaced mechanical fuel pump with rebuilt Tempest pump.	
		Made new fuel line from firewall to pump and covered with	
	January-21	firesleeve.	1856
		Replaced #3 cylinder with OH'd assembly by Certified Engines	
	February-24	Unlimited. Installed new wrist pin, gasket and thrust button.	2196
		CURRENT ANNUAL: Cleaned and gapped plugs. Compressions:	
	September-24	75,70,79,75. Refilled with 8qts 15W50	2219
LH Propeller Log	September-13	Installed on LH engine on N88WW. Tach 490, Hobbs 1378.6	0
	October-13	Dynamically balanced prop	10
	February-23	Annual at Hobbs 1851.6	499.2
	September-24	Annual	583.2
	September-25	Current	598.2
RH Propeller Log	September-13	Installed on LH engine on N88WW. Tach 490, Hobbs 1378.6	0
	October-13	Dynamically balanced prop	10
	February-23	Annual at Hobbs 1851.6	499.2
	September-24	Annual	583.2
	September-25	Current	598.2