

AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N531A

Aircraft Mfg. PIPER Model PA-32R-301T Serial No. 3257160

Engine Mfg. LYCOMING Model T10-540-AH1A Serial No. L-10619-61A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. HARTZELL Model HC-13YR-1RF Serial No. HK 628B

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

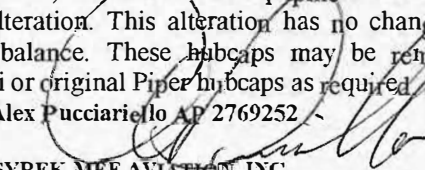
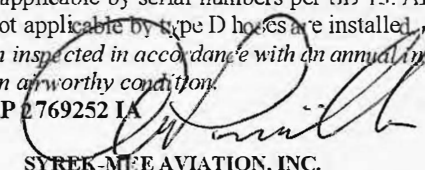
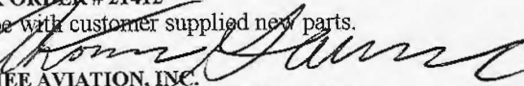
Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



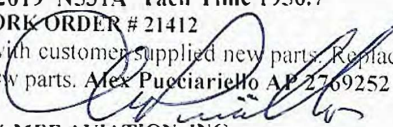
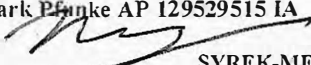
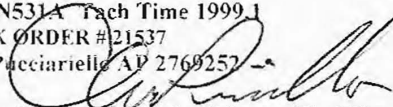
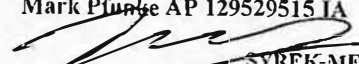
AEROTECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>TOTAL brought forward from previous page</p>
			<p style="text-align: center;">AIRFRAME LOG February 20, 2019 N531A Tach Time 1863.7 Total Time 1863.7 WORK ORDER # 21307</p> <p>Removed original hubcaps and installed LoPresti Speed Merchants hubcaps. This installation is approved for installation in accordance with STC# SA01224AT. Installation in accordance with LoPresti Speed Merchants hubcap Installation part number LSM-200-701 revision B dated April 2, 1997. Aircraft equipment list has been revised due to this alteration. This alteration has no change to the aircraft weight and balance. These hubcaps may be removed or replaced with LoPresti or original Piper hubcaps as required. See FAA Form 337 this date. Alex Pucciariello AP 2769252</p> <p style="text-align: center;"> SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726 732-792-0220</p>
			<p style="text-align: center;">AIRFRAME LOG March 1, 2019 N531A Tach Time 1863.7 Total Time 1863.7 WORK ORDER # 21307</p> <p>Replaced nose gear center drag link bolt with new. Removed and installed alternator after overhaul by Quality Aircraft Wo# 047953. Removed and installed propeller to replace alternator and air conditioner belts with new. Cleaned sludge from crankshaft. Replaced nose gear up stop bumper with new. Straightened ding in trailing edge of left aileron. Replaced nose wheel bearings and races with new. Replaced main wheel brake caliper insulator shims with new. Cleaned oil separator and replaced gasket with new. Adjusted aileron cable tension to spec. Repaired small hole in battery vent nipple with RTV. Serviced nose wheel shimmy damper. Serviced aircraft. Greased wheel bearings. Emergency Locator Transmitter was checked in accordance with FAR 91.207 paragraph d. Cleaned and washed aircraft. AD 76-7-12 Switch is not applicable by type installed. AD 93-5-6 Switch is not applicable by switch type installed. AD 84-26-2 Filter, complied with by replaced induction air filter with new, next due at Tach 2363.7. AD 2005-i-19 Transponder is not applicable by model. AD 2006-3-8 Air Pump is not applicable by manufacture of pump. AD 2010-7-8 Turbo is not applicable by part number. AD 2010-13-7 V-Band Coupling, complied with by inspection and found not applicable by P# 40D23255-340M is installed. AD 2010-15-10 Control Shaft, complied with by SB 1197D and found satisfactory. AD 2011-13-3 Turbo, complied with by review of records and found not applicable by date as turbo was overhauled by HET on 4-21-2012. AD 2017-4-6 Altimeter is not applicable by serial numbers per SB 13. AD 2017-14-4 Oil Cooler Hose is not applicable by type D hoses are installed. I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in air worthy condition.</p> <p>Alex Pucciariello AP 2769252 IA</p> <p style="text-align: center;"> SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726 732-792-0220</p>
			<p style="text-align: center;">AIRFRAME LOG September 17, 2019 N531A Tach Time 1956.6 Total Time 1956.6 WORK ORDER # 21412</p> <p>Replaced nose wheel tire and tube with customer supplied new parts. Thomas Gawron 2816668 AP</p> <p style="text-align: center;"> SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726, 732-792-0220</p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brought forw.	<p style="text-align: center;">AIRFRAME LOG September 19, 2019 N531A Tach Time 1956.7 WORK ORDER # 21412 Replaced right tire and tube with customer supplied new parts. Replaced left tire with customer supplied new parts. Alex Pucciariello AP 2769252  SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726. 732-792-0220</p>
6/1/2020	1997.8	1997.8	<p style="text-align: center;">AIRFRAME LOG June 1, 2020 N531A Tach Time 1997.8 Total Time 1997.8 WORK ORDER # 21537</p> <p>Replaced gyro central air filter. Replaced brake discs and pads with new. Removed and reinstalled left oil cooler for overhaul, see Pacific Oil Cooler Service maint release WO#138381. Pressure tested A/C system with nitrogen. Found forward high pressure line from compressor to firewall leaking. Replaced with new. Pressure tested, evacuated and serviced air-conditioning system. Replaced battery with new, ser# 41085688. Replaced vacuum regulator filter with new. Replaced copilot DG with overhauled exchange, see Keystone maint release wo# 19-677.. Serviced aircraft. Greased wheel bearings. Emergency Locator Transmitter was checked in accordance with FAR 91.207 paragraph d. Ran up, ground operational leak check normal. Cleaned and washed aircraft.</p> <p><i>I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.</i></p> <p>Mark Pfunke AP 129529515 IA  SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726 732-792-0220</p>
			<p style="text-align: center;">AIRFRAME LOG June 12, 2020 N531A Tach Time 1999.1 WORK ORDER # 21537 Replaced JPI LG1 #2 probe with new Alex Pucciariello AP 2769252  SYREK-MEE AVIATION, INC., 182 Pension Rd Hangar AA1, Englishtown, NJ 07726. 732-792-0220</p>
10/19/2021	2030.5	2030.5	<p style="text-align: center;">AIRFRAME LOG October 19, 2021 N531A Tach Time 2023.5 Total Time 2030.5 WORK ORDER # 21801</p> <p>Replaced vacuum regulator filter with new. Removed resealed and serviced shimmy damper. Reattached engine preheater pad and thermostat to sump. Tightened alternator belt. Tightened main landing gear forward attach plate hardware. Tightened nose gear aft attachment hardware. Serviced aircraft. Greased wheel bearings. Emergency Locator Transmitter was checked in accordance with FAR 91.207 paragraph d. Ran up, ground operational leak check normal. Cleaned and washed aircraft.</p> <p><i>I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.</i></p> <p>Mark Pfunke AP 129529515 IA  SYREK-MEE AVIATION, INC. 182 Pension Rd. Hangar AA1, Englishtown, NJ 07726 732-792-0220</p>

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C&W Aero Services, Inc. CRS# HX1R208K

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An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

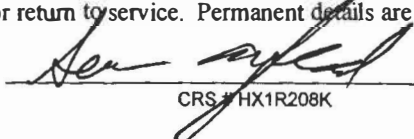
WO # 35556	Hobbs: 2039.7	Aircraft TT: 2039.7	
Reg. #: N531A	Ser #: 3257160	Manuf.: Piper	Model: PA32R-301T

1. Perform Pre-Buy evaluation on aircraft and repair the following items.
2. Reinstall Hartzell propeller P/N HC-I3YR-1RF/F7663DR S/N HK628B after overhaul by East Coast Propeller Service under work order ER-15092. TSMO 0.0, Prop total time 2039.7 hrs. Engine ground run and propeller operational check OK with no leaks noted.
3. Remove Precise Flight Speed Brake system and send to manufacture for repair. Reinstall both right and left cartridges after Overhaul at Precise Flight under work order 120000. Install a new ALC unit. Post install test of system OK. Rt Cartridge P/N 010S0059-73 S/N 982525, Lt Cartridge P/N 010S0059-74 S/N 982526, ALC P/N 010S0303-1 S/N ALC03929.
4. Trouble shoot air conditioning system not getting cold. Connect AC machine to system. Found system almost empty. Inspect lines from compressor to firewall and re-torque connections. Evacuate system and pull a vacuum to leak check. System held vacuum. Service with 2.25 lbs. Freon R134a. Post run got a 25° temp drop.

5. Nose gear to rudder steering arm gaps are too large. Inspection found rollers and arm cam worn. Replace steering cam and both rollers. Adjust clearance per Maintenance Manual. Cam P/N 67155-000, roller P/N 63900-122.
6. #2 GNS430W is giving a terrain failure message. Trouble shoot to a corrupt terrain data card. Install a new data card P/N 010-10201-21

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: _____



CRS# HX1R208K

Date: 5/16/2022

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