

[illegible]

YEAR: 2017	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/15	327.2			R+R Engine Oil w/10 qts Aeroshell 100w [Redacted Signature]
06-08-2017	Tach 348.8			Change oil clean screen Refill with 10 qts Aeroshell 100w Run Check for leaks [Redacted Signature]

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4/15	327.2			R+R Engine w/10 qts of Aeroshell 100w. Lubed all engine Controls. Replaced regulator
05-20-2017	Tach 337.1			Check For power and ground on vis FUSE and HOLPER checked and replaced Fuse alternator output low when Hot Regulator needs float valve

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DATE				AIRCRAFT: Panzl S-331E YEAR: 2005 SER# 001 N331ST LYN: IO-540-G1D5 Ser # L-14468-48A TTAIRFRAME: 318.0 hrs. TACH: 318.0 hrs. ENG: 318.0 hrs. Propeller TTSN: 318.0 hrs. Wheel bearings cleaned and greased. Installed new brake pads, P/N Rapco RA66-105, on main gear. Oiled hinges on Rudder and Elevators. Brake reservoirs checked. (Fill no higher than $\frac{3}{4}$ full). Tightened up both left and right brake reservoirs. Inspected forward and aft rudder cable bolts: replaced Aft Rudder Cable Bolts. Replaced Main AN4 Rudder cable length adjustor bolts. New main gas cap installed. Installed new aircraft battery, Odyssey Battery PC680. Disassembled Oil inverted check valve, cleaned, inspected, reassembled and reinstalled. Removed lower dash extensions and reinstalled to original position. Installed new fuel and oil hoses as follows: New header tank flop tube hose, from header tank to fuel selector, from fuel selector to fuel filter, from fuel filter to boost pump, from boost pump bi-pass to fuel filter, from boost pump to firewall, firewall to fuel flow transducer, fuel flow transducer to engine driven fuel pump, engine fuel pump to fuel servo. From fuel selector to left and right wing tanks, Vent from main tank to header tank, vent from main tank to engine breather tube, smoke tank to engine breather tube. Main fuel tank sight gauge, smoke tank sight gauge, main tygon hose from main tank to header tank. Oil hoses: Check valve negative pick up, main feed and positive pick up, Engine to left oil cooler, left oil cooler to right oil cooler, right oil cooler to engine, oil separator to front of engine sump.

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections Tests Repairs and Alterations	Repair
DATE	TACH	TIME			
				Installed new control stick with new KP4 bearings and push to talk and grip. Calibrated main fuel tank sight gauge. Moved Data tag to rear spar. Repaired tailwheel rod attachment from being loose. Removed wing, engine and tail surfaces for Gear repair and Canopy repair. Straightened Left and Right Landing gear. Repaired and updated gear fuselage tube sections by removing old tubes and installing new tubes in the gear attach area. Fabricated new canopy assembly with new acrylic canopy, new hinge and new hardware and painted new canopy combing with original paint color supplied by owner. Moved rudder pedal trays forward to achieve proper brake pedal alignment. Installed rivnuts for rear elevator inspection covers. Replaced nutplates on front Cowling behind spinner. Performed a 1000 hour inspection due to aircraft being disassembled. Reassembled aircraft with new hardware, reinstalled engine and installed Dutch connectors on EGT and CHT connections and Alternator and Regulator connections. Inspected ailerons and aileron hinges and attach points, all satisfactory at this time. Operational check mag switch per Bendix SB 583 check satisfactory. AD researched through BIWEEKLY 2016-25 11/28/2016 - 12/11/2016. I certify that this AIRFRAME has been inspected in accordance with the scope and detail of Appendix D of FAR Part 43 and found to be in a condition for safe operation. Greg Ray Panzl [REDACTED] DATE:12-8-2016 [REDACTED]	