

DATE 19	RECORDING TACH TIME	TODAYS 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.)
	5-5-15			
	TACH TIME 3930.6			BAKER AERO ELECTRIC 3465 Airport Dr. #7, Torrance, CA. 90505 310-375-5708
				ALTERNATOR p/n) 3656624 s/n) A062555 Overhaul one Piper alternator. Disassembled, cleaned, inspected, replaced bearings, brushes, internal capacitor, stator, and bench tested. Work performed as per the Piper manual and FAR43.13.
				David Baker AP

4/24/2015 Tach Time: 3930.6, Total Time: 3930.6, TSMOH: 0.00 Tim's Aircraft Engines Inc, returned the engine after completing the major O/H including a test run. Addition data pertaining to outside labor and/or parts by Tim or his vendors are contained in N5145W permanent records. During the overhaul inspection the alternator support bracket was found broken into two pieces adjacent to the front engine attach bolt. This is the probable cause to the engine vibration noted in the previous run-ups.

The aircraft engine mount was cleaned, rust removed and then painted with two coats of Rust-Oleum high temperature paint. Four new Lord Engine Mounts p/n J-9613-40 were installed with new AN-7-43A & 44A bolts [2each], spacers, washers and AN363-720 nuts. The bolts were

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4/24/15				torqued to 44 Ft.Lbs. The installation is IAW Piper Arrow III Service Manual 761639 section VIII page 8-A-15.
CON'T				The Alternator was overhauled by Baker Aero Electric and installed using new Piper 66199-005 Alternate Support Bracket with two new MS20074-05-06 course thread bolts, torqued and Piper 73383 Lockplate. A new Lycoming Generator Drive Belt p/n 37B19774-34 was installed and set to the proper new belt tension.
				Pacific Oil Cooler Service Inc. overhauled the p/n 8537820 Harrison Oil Cooler. Reinstalled with existing Teflon hoses. Replaced intake with filter element with new Bracket Aero BA-10 element. Replaced Slick Ignition Harness with p/n M2508R. Repaired Walker Airsep Siphon Pump by welding. Replaced prop seal o-ring p/n A1633-11. Engine baffling sealing fabric replaced with ¼ inch rubber and rivets.
				All engine accessories are new or overhauled except starter, prop governor, and vacuum pump each are in 'Serviceable Condition' with less than 1000 hours since new.