

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
------	-----------------------	---------------------------	------------------------------	---

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
6/22/17	2810.7	0.0	



RAM Aircraft, Limited Partnership • Waco Regional Airport

CONTINENTAL IO-550-B-RA Engine S/N 122378.R

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/ CMI (M-16), Continental Standard Practice Maintenance Manual and I/A/W STC SE10746SC-D. This engine has been modified per Tornado Alley Turbo Inc. STC SE5222NM. It is the installer's responsibility to ensure all modifications meet current STC requirements. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnetic particle inspected, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. N dated 04/20/2017. Installed new RAM camshaft p/n 1058-1A, s/n XJ16026 as direct lifter p/n installed. AD 97-26-17 c/w per installation of new VAR crankshaft p/n 649900 s/n N17AA119 per TCM CSB96-8. Ultrasonic inspection per MSB96-10B due at next overhaul or when crankshaft removed. AD 99-19-01 c/w and found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase p/n 646613-2, s/n K159409R. Installed New Superior Steel cylinders. AD 88-17-03 is n/a per no air conditioning installed. SB09-4B Permold crankcase inspection with A/C N/A per no A/C. C/W AD 89-24-01 R1 per installation of starter adapter p/n 642085A17 with current scavenge pump gears AD 2012-10-13 AND MSB11-4B Starter adapter inspection. N/A per manufacture date. Installed .030 inch undersize starter adapter spring p/n S539800M30 per STC SE09846SC. Installed overhauled oil cooler p/n 635996, s/n C96-1949-1384. Engine accessories exchanged for overhauled or new units with exception of prop governor, tach generator, alternator, vacuum pump, throttle body and fuel control, fuel pump, fuel injectors and upper deck reference lines which were not installed per this work order. Installed overhauled, Bendix magnetos. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. P/N 652130 & 652131 rocker arms installed. Category 1 thru 3 CMI Service Bulletin Compliance Listing in RAM Manual. Installed RAM-FAA-PMA rocker arm cover gaskets p/n 1387-1. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-2 and double clamp p/n 1170-5. Engine ground run on test stand per RAM specifications for a minimum of 2.25 hours. Engine run-in with Aeroshell 100 Mineral oil. See RAM Recommended Oil Grade Maintenance. Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Continental M-O, Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 8446.

RAM Aircraft, Limited Partnership, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

Date: 7/1/17

Tach: 1052.0

TTE: 2810.7

NorCal Aviation

2502 John Montgomery Dr

San Jose CA 95148

Model: TSIO-520-B-RA

S/N: 122378.R

SMOH: 0.0

Installed overhauled Ram engine STC SE10746SC-D IAW Tornado Alley Whirlwind System III ETI-B-0 parts and installation instructions. Installed STC SE522NM IAW FliteCraft Turbo Drawing FT-B8.5/1 Rev A dated 8/16/91. Serviced engine with 12 qts Phillips 20/50W mineral oil. Installed with serviceable engine mounts and hardware. Re-installed alternator and alternator baffling. Installed new air intake filter. Installed overhauled propeller governor by Sullivan Propeller WO: 801507. Test ran engine, set engine settings IAW Continued Airworthiness document 35-6460001 Rev. A dated 9/29/11.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be airworthy

A&P

SUB-TOTALS this page

TOTALS—Carry forward to next page

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.)
Date: 12/8/17 Tach: 1094.9 TTA: 2813.4		NorCal Aviation Service 2502 John Montgomery Dr San Jose CA 95148	Tail: N361TC S/N: EA-139 Year: 1980
Removed cowlings, seats, and opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Charged and serviced battery with distilled water. Greased nose and main gear linkages with Aeroshell 5. Performed gear retraction, extension and emergency extension test. All gear indication and warning systems perform satisfactory. Cleaned and greased all wheel bearings with Aeroshell 5. Inspected and tested ELT IAW 91.207(d) - performed satisfactory. ELT battery due August 25, 2020. I certify this airframe was inspected in accordance with an Annual inspection and was determined to be airworthy. A&T [REDACTED]			

- Make: Beech
- Model: A36TC
- S/N: E-139
- Reg. No.: N361TC

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 05/23/2018
Tach Time: 1130.4



- Removed KC290 Mode Controller P/N 065-0033-01 S/N 5364 from the aircraft for repair. Reinstalled overhauled KC290 P/N 065-0033-01 S/N 5364 returned to service by Mid-Continent Instruments FAA CRS OL2D061L. Autopilot ground functional tests satisfactory. Work performed in accordance to KFC 200 Installation Manual 006-0233-00 Rev. 2, Dated June 22, 1979. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 3047
- Dated, May 23, 2018 Aerial Avionics FAA CRS 71AR379B signed [REDACTED]

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Date: 7/1/17	NorCal Aviation	Model: PHC-C3YF-1RF	
Year: —	Tach: 1052.0	2502 John Montgomery Dr	S/N: Q61355B
Date:	TTP: 0.0	San Jose CA 95148	SMOH: 0.0

Next In
Due:

Installed new Hartzell Propeller P/N PHC-C3YF-1RF, S/N Q61355B assembly with new spinner.
I certify this propeller was inspected in accordance with an Annual inspection and was determined to be airworthy

Year: —
Date:

A&P

Date:

h
e

Date: 12/8/17	NorCal Aviation Service	Model: PHC-C3YF-1RF
Tach: 1094.9	2502 John Montgomery Dr	S/N: QG1355B
TTP: 42.4	San Jose CA 95148	SPOH: 42.4

=

y

e

-

e

Removed propeller and spinner and inspected propeller hub and blades. Re-installed propeller on overhauled engine, greased hub with Aeroshell 6, faced and painted propeller blades.
I certify this propeller was inspected in accordance with an Annual inspection and was determined to be airworthy.

Yea

Dat

Nex
Due

Yea

Dat

Nex
Due

Yea

Dat

Nex
Due