

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 55 B 7

Aircraft Mfg. AERO COMMANDER Model 500 B Serial No. 1041-42

Engine Mfg. Lycoming Model T0540-B1A5 Serial No. 2-562-48

Engine Mfg. Lycoming Model T0540-B1A5 Serial No. 2-327-48

Propeller Mfg. HARTZELL Model HC-C34R-24F Serial No. CK 4888B

Hub Design No. HC-C34R-24F Hub Serial No. CK 4888B

Blade Design No. FC 8468-6R Blade Serial No's. 546469

J 46475

J 46480

Propeller Mfg. HARTZELL Model HC-C34R-24F Serial No. CK 4889B

Hub Design No. HC-C34R-24F Hub Serial No. CK 4889B

Blade Design No. FC 8468-6R Blade Serial No's. J 68220

J 68218

J 68219

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com

P.O. Box 1359 / Southold, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

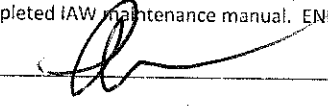
©1979 AeroTech Publications, Inc.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	6,064.4		TOTAL brought forward from previous page
4-18-16	6,064.4	192.8	Log book entry, Aero Commander 500B, N55BZ, S/N 1041-42 Times & records transferred from previous log books as of this date Erick Flores A&P 3559225 Erick Flores
4-29-16	6,064.4	192.8	Log book entry, Aero Commander 500B, N55BZ, S/N 1041-42 Complied with a 100 hr. inspection in accordance with Twin Commander Aircraft inspection guide. Performed the following maintenance: <ol style="list-style-type: none"> 1. Replace aircraft master power relay P/N 6141H168 with a serviceable unit, function test good. 2. Drained fuel tanks, removed LH fuel boost pump P/N 55895-1, installed overhauled pump, P/N 55895-1, S/N H1420V, refueled aircraft, leak check & function test good. Installed customer supplied fuel sump vapor box. 3. Checked LH vacuum warning switch, found switch faulty, installed new switch P/N _____ function checks good. Cleaned L & R vacuum regulator screens. 4. Removed magnetic compass, replaced with PAI vertical card type compass, performed compass swing, & installed new compass correction card. 5. Installed new Brackett engine air filter elements P/N BA 151E, per Brackett Aircraft installation instructions. Element replacement next due 5-30-17. (12 month replacement item) 6. Complied with FAR 91.207(d) "ELT test & inspection", no defects, ELT battery replacement due _____. 7. Repacked all wheel bearings, replaced keyed washers, P/N MS21258-15 Performed landing gear retraction test through 6 complete cycles, 3 emergency extension cycles, & 2 free fall tests, all operations normal. Serviced hydraulic tank with 5605, & emergency extension system with nitrogen per maintenance manual. 8. Installed new L & R GE 4553 landing light bulbs. Function check good. 9. Checked compliance with the following recurring AD's: A. AD 76-12-07R1 "Ignition switches" complied with by function test, no defects. Next due 5-30-17 B. AD 94-04-13 "Forward lower wing spar cap flange inspection" found previously complied with 2-19-03, @5,732.9 hrs. t.t.. Next inspection due, @6,232.9 hrs. C. AD 2004-21-05 "Kelly Aerospace Heater" found N/A by heater model. D. AD 2004-25-16 R1 "Kelly Aerospace Heater" found N/A by heater model installed.

Continued next page

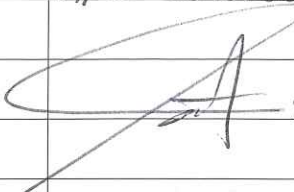
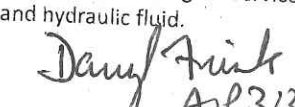
6,064.4 SUB-TOTAL this page

6,064.4 TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
5-3-16	6,064.4	192.8	Continued from previous page E. AD2005-01-19 "Garmin transponder" found N/A by transponder model Completed AD search of both new & recurring AD's, all AD's current as of date. New AD list completed. All maintenance completed per Twin Commander 500B maintenance manual & relate service publications. Aircraft is approved for return to service. Erick Flores A&P 3559225
5-3-16	6,064.4	192.8	Log book entry Aero Commander 500B, N55BZ, S/N1041-42 I certify that this Aero Commander has been inspected in accordance with an AWO inspection, & was determined to be in airworthy condition as of this date. Walter T. Cheers A&P 532382706 IA Walter Cheers A&P 532382706
Martin Aviation & Recovery Services LLC Pegasus Airpark 5A23 June 6, 2016			
REGISTRATION	MAKE/MODEL	SERIAL NUMBER	Hobbs
N55BZ	Aero Commander	500B-1041-42	203.4
Removed existing brake cylinder stud and replaced with new brake cylinder stud P/N 139-13100 (Cleveland Brake Cylinder Stud Assembly). Operational check okay at this time and service. All work above completed IAW maintenance manual. END			
Signed:  John Brandon Martin, A&P #3598422			


SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2017			TOTAL brought forward from previous page
	6178.0	307.0	100 HR MSP Complete this date, serviced landing gear. Serviced A/C Battery, inst new ECT battery (new DUB 02-24) completed service with ELN-124 TESTER, Passed, repack nose wheel bearing. Lube flight controls. AD 98-08-19 DSO @ Hobbs 336.4 AD 94-04-13 DUB @ Hobbs 361.3 All ADs current. (SEE LIST) Ground on ramp, A/C released for a return to service test flight.
			 AIP 2148743 IA
			LOG BOOK ENTRY N55BZ S/N 1041-42 Model 500B Sept. 27, 2017 Total Time 6200.4 Hour Meter 328.8 Complied with AD98-08-19, effective date May 18, 1998 Inspection of Forward Attach Brackets and Straps, Part I and II using Central Airlines Service Bulletin CA223-TKS, Part I, FAA approved by STC SA00529SE. No cracks were found on the left side. The right side was modified in accordance with Part II of the Service bulletin CA233-TKS and inspected in accordance with Part III of the AD. Part II of this AD is due re-inspection at 7200.4 airframe hours. Part III of the AD is due at 12,000 airframe hours. Balanced power train rotating components (propeller, spinner, crankshaft) of both sides using a Dynamic Solutions Systems Inc. Micro Vib II Aircraft Analyzer PN 1300. Used data and procedures from: Dynamic Solutions Systems Inc. Micro Vib II Users Manual PN 1318- 1.33 Hartzell Propeller Inc. Manual No. 202A - Standard Practices Manual Chadwick Helmuth Inc. Publication # AW- 9511-2 -- The Smooth Propeller. Balance RPM: 2300 added 18.3 grams at 85 degrees from the reference blade on the left side. Final balance: 0.016 in/sec. Added 22 grams at 0 degrees and 9.1 grams at 240 degrees from the reference blade on the right side. Final balance .061 in/sec. Replaced upper beacon bulb Whelen P/N 34-0226010-91 and repaired broken ground on the flasher unit. Service landing gear emergency extension system with nitrogen. Service right main strut with nitrogen and hydraulic fluid.
			 AIP 3131929

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
9-27-17	6200.4	328.8	Complied with AD94-04-13, Effective date 4-12-94, in Accordance with SB90C. No defect Found. Due again AFTT 6700.4  AIP 3131929
9-13-18	6,276.0	404.7	Log book entry, Aero Commander 500B, N55BZ, S/N 1041-42 Complied with a 100 hr. inspection in accordance with Twin Commander inspection guide 513A Performed the following maintenance items: 1. Adjusted RH vacuum regulator per manual instructions, function test ok. 2. Removed landing gear & flap selector valves, resealed valves, installed new O-rings on all bulkhead fittings, reinstalled valves, pressurized hydraulic system for leak check, Operation normal. 3. Removed L & R main gear uplock assemblies due to leaks, & corrosion. Installed exchange assemblies, P/N 713058-503, S/N6391 & 5848. performed landing gear retraction test through 6 complete cycles, 3 emergency extensions, & 2 free fall extensions, verified rigging & leak check of uplock installations. Uplocks installed with new mounting hardware, including new AN174C21A pivot bolts. 4. Removed all fuel wing bay tank covers, checked fuel cells for correct installation, found cells not fitted to walls of bays, (reducing capacity), fitted cells to fuel bays, retorqued clamps, installed covers with new gaskets, & hardware. Verified fuel quantity gauge, no fuel leaks. 5. Installed new P/N 9044 main gear bungees. Repacked all wheel bearings. 6. Serviced hydraulic accumulator, & emergency gear system with nitrogen per 500B manual instructions. 7. Removed incorrect ship's batteries, installed 2 new PMA'd Concorde P/N RG35A-XC, S/N 40962471, S/N 40955474 sealed batteries in original tray, secured batteries with hold down. No W & B change. Updated equipment list. 8. Repaired static system leaks, replaced "T" fittings, compression nuts, & sleeves on all static instruments, replaced 1 teflon tube to RH VSI, leak check good. Replaced tubing to "T" fitting in aft fuselage static system, & to autopilot altitude sensor. Leak check good.

Continued next page

SUB-TOTAL this page

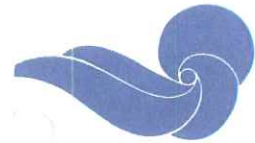
TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	6,276.0		TOTAL brought forward from previous page
9-13-18	6,276.0	404.7	Continued from previous page, log book entry, N55BZ 9. Complied with pitot/static/altimeter/transponder 24 mo. Check, per 91.411, & 91.413. (See attached entry document by Precision Static in avionics log) Next check will be due 10-1-2020. 10. Removed aft engine lower nacelles, L & R for installation of nacelle mounted fuel boost pumps, cleaned nacelles, repainted inside of nacelles. Installed motor/drive assemblies, P/N IS13737, S/N 43-97, & 90395, with fuel pumps P/N RG9080-J1 S/N 542553, & S/N F27189 in accordance with Central Air STC SA00042W1. Fabricated & installed new fuel hoses from gate valves to pumps, & from pumps to firewall fuel screens from Aeroquip 303-8, & new AN-8 fittings. Fueled aircraft for function & leak check, no defects. Set fuel pressures per STC instructions. Completed 337, & revised weight & balance document, placed copy in aircraft AFM. Installed lower nacelles with new wing to nacelle seals, & new mounting hardware. 11 Complied with FAR 91.207(d) elt test & inspection, no defects noted. ELT battery replacement due, March 2021. 12. Replaced L & R engine air filter elements, P/N BA 151E, next due @ 504.7 hobbs, or 6,376.0 aircraft total time, or @ 10-01-19. 13. Replaced aux hydraulic pump circuit breaker, P/N 7727-2-5 (would not reset @ times), Function test good. 14. Repaired, & secured air conditioner air ducts to cabin plenum. 15. Checked S-Tec slaved gyro system, found system would not sync, & slow to slave to heading. Installed serviceable flux detector P/N FD 01-0101-001, S/N 50400, function test good. Verified heading with magnetic compass & Garmin 530W units, #1 & #2. 16. Updated AD Log list, Complied with recurring AD's: A. Complied with AD 76-07-12R1 "Bendix ignition switch", by function test, no defects. Next due @504.4 hrs. or 10-01-19 B. Complied with AD 94-04-13 "Lower spar cap flange for cracks" See attached copy of ndt report by CTC Services Inc., Lincoln Ca. No defects noted. Next due @904.4 hrs. hobbs, 6,776.7 aircraft total time C. Checked compliance with AD 98-08-19, SB 223, found complied with @ 328.8 hobbs, 6,200.4, per SB CA223-TKS, Next inspection due part II, @1,328.8 hobbs, or 7,200.8 aircraft0 total time. D. AD 2004-21-05 "Kelly Aerospace heater" found N/A by heater model number. E. AD 2004-25-16R1 "Kelly Aerospace heater" found N/A by heater model. F. AD 2005-01-19 "Garmin transponder" found N/A by model, & mfg. Date.

Continued next page

6,276.0	SUB-TOTAL this page
6,276.0	TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	6,276.0		TOTAL brought forward from previous page
9-13-18	6,276.0	404.7	Continued from previous page, log book entry, N55BZ page #3 F. AD 2005-18-20 "Goodrich fastprop de-icers" N/A prop de-ice system not installed G. AD 98-20-34 "AFM limitations icing conditions" Found copy of AD in AFM manual per instructions. AD compliance current per bi-weekly list 2018-19, dated 09-03-2018, for airframe, engines, props, & appliances. All maintenance completed per Twin Commander 500B, maintenance manual, Lycoming IO540-B/E service manual, & related publications. <u>M. H. Shing</u> A&P 3097428
9-13-18	6,276.0	404.7	Log book entry, Aero Commander 500B, N55BZ, S/N 1041-42 total time hobbs I certify that this Aircraft has been inspected In accordance with an annual inspection per FAR 43, appendix D, & determined to be in airworthy condition as of this date. <u>Shawn Hush</u> AP34959257A
12-5-18	Hobbs	415.2	A/C TOTAL Time 8286.8 LT ENGINE SMOH 700.8 RT ENGINE SMOH 700.8 LT PROPELLER SNEW 700.8 RT PROPELLER SNEW 700.8 TIMES OF ENGINE AND PROPELLER OVERHAULS ARE CORRECTED PER AIRCRAFT TOTAL TIME AT INSTALLATION. THE AIRCRAFT TOTAL TIME WHEN BOTH ENGINES AND BOTH PROPELLER INSTALLED FEB. 11 2002 H/CT. 5586.0. ELT BATTERY DUE 3-2021 FAR 91.207(d) INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D AND TWIN COMMANDER INSPECTION INFORMATION. A.D. COMPLIANCE IN AIRCRAFT RECORDS A.D. SECTION. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Shawn Hush</u> AP2065291361A



HANCOCK ENTERPRISES INC.

AIRFRAME SERVICE RECORD

AIRFRAME DATA	WORK ORDER: 2462	ACCUMULATIVE TOTALS
Model: 500B Commander S/N: 500B-1141-42 Date: Feb 26, 2020		Total Time: 6,328.5 Hr. Meter: 457.4

83. Replaced outer wheel half, RH PN 162-09100, MLG with serviceable part reference 8130-3 for additional information, dated 25 February 2020.
84. Installed customer furnished hand held fire extinguisher @ station 45.34, wt. 3.5 next to pilots seat and side panel, ref 337 form and wt. and balance dated 18 February 2020.
86. Capacitance check was perform on both batteries both passed at 100%.
87. Replaced missing rivet RH outboard cowling on Air Center plate.

The following parts were replaced, overhauled or inspected.

Part Number	Description	Qty.	Serial Number	Condition
162-09100	Outer Wheel Half MLG,RH	1	NSN	Serviceable
3.5 Pound	Fire Extinguisher hand held	1	NSN	Inspected

I certify that this Aircraft has been repaired per FAR Part 39.1 of the Federal Aviation Administration and has been determined and is approved for return to service with regards to the work performed.

Pertinent details of this inspection and repairs are on file at this repair facility under work order number 2462.

Date: 26 February 2020

Signature:

Robert R Hancock
Robert R Hancock
A&P 2210045 IA

OFFICE/ENGINE SHOP
Hancock Enterprises, Inc
3656 Central Pike
Hermitage TN. 37076
U.S.A

Hanger 624 MQY.
Fitzhugh Blvd
Smyrna, TN 37167
U.S.A



HANCOCK ENTERPRISES INC.

AIRFRAME SERVICE RECORD

AIRFRAME DATA	WORK ORDER: 2462	ACCUMULATIVE TOTALS
Model: 500B Commander S/N: 500B-1141-42 Date: Feb 12, 2020		Total Time: 6,328.5 Hr. Meter: 457.4

- Complied Annual/ 100 Hour Inspection in accordance Commander Inspection Form 513A, Part Number IG00002 and other documents as required.
2. Replaced RH Engine vacuum pump and Filter.
 3. Co-Pilots Altimeter calibrated by Carpenter, WO#
 4. Repaired loose wiring by installing heat shrink on EGT probes.
 5. Re paired oil temp, RH engine R & R canon cleaned
 6. Complied with updating Garmin and Jepson as required.
 7. Installed USB ports located center console and RH side on cabin.
 8. Checked Alternator paralleling on post run, LH Voltage, RH Voltage
 9. Flight Stream connects 210, no action taken.
 10. Nose Gear steering slow to turn RH, no action taken.
 11. Cleaned treads #6 top spark plug RH engine.
 12. Replaced #1 spark plug RH engine.
 13. Cleaned tighten Hyd lines checked on post run on leaks found.
 14. RH alternator replaced broken on field and butt splices by extending wires by soldering and installing heat shrink.
 15. Secured screw on #3 cylinder rocker cover, RH engine using Standard Shop Practices.
 16. Replaced safety wire on oil pressure relief valve using Standard Shop Practices.
 17. Manufactured mounting bracket, RH engine, trimmed to fit, using Standard Shop Practices.
 18. Retrieved bolt from cowling, RH engine installed heli coil, reinstalled bolt with lock and OD washers using Standard Shop Practices.
 19. Left hand mag adapter has oil seep, RH engine. Will change at 500 hr. Mag inspection.
 20. #6 cylinder top, RH rocker, screw loose Secured loose screw using Standard Shop Practices.
 21. Repositioned Hyd hose, RH engine, using Standard Shop Practices.
 22. Re-glued anti chafe strip, upper cowling, RH engine, using Standard Shop Practices.
 23. Replaced upper beacon unit PN 90033-1 IAW Whalen Service Instructions and Standard Shop Practices.
 24. Replaced safety wire on oil pressure relief valve cover, LH engine, using Standard Shop Practices.
 25. Alternator adjustment bolt, corrected safety wire for bolt tension, LH engine, using Standard Shop Practices.
 26. Re-torqued all rocker box covers to 50" lbs. IAW Lycoming MM.
 27. LH engine, repaired crack and sealed cooling baffle air dam and sealed using Standard Shop Practices.
 28. Cooling baffle, right front, RH engine, (covered over #1 cylinder) repaired crack and sealed using Standard Shop Practices.
 29. Retimed mags, LH engine, per Lycoming MM.
 30. Replaced alternator engine belts, both engines, with matched sets. Also, replaced pulley on LH alternator IAW A/F MM and STC Information.
 31. Installed spiral wrap on fuel supply hose, LH engine, to eliminate rubbing on induction hosing using Standard Shop Practices.
 32. Replaced wrong clamp on #2 cylinder injection line, RH engine, IAW S/B 342G.
 33. Vacuumed and removed debris in nose area at Station 5.5 using Standard Shop Practices.
 34. Vacuumed and removed debris in fuselage at Station 165 / 363 using Standard Shop Practices.
 35. Cleaned exhaust residue, cleaned up corrosion, primed areas, masked and painted areas using Standard Shop Practices.
 36. Duplicate of #14
 37. C/W AD 76-07-12 R1 Bendix Ignition Switch Check for Ground.
 38. Slick/Champion mag 4300 and 6300 impulse coupling due at 1072.8.

A446	Connector w/Socket	1	NSN	New
UREM38E	Spark Plug	1	NSN	New
10-05931	USB Aviation Data Card, GNS Series	1	NSN	New
MIL-G-23827	Aero Shell #7 (08-05475)	3	NSN	NEW
BA151E	Bracket, Air Filter	2	NSN	NEW
CH48108-1	Filter, Oil	2	NSN	New
100W	Aero Shell Oil	24	NSN	New
441CC-7	Vacuum Pump	1	187435	OVH
EBG03-0003	Filter, Vacuum Pump	1	NSN	New
025-349-0	Tire, Michelin Air 8.5x10 8ply	2	NSN	New
MS28775-266	O-rings, Tires	2	NSN	New
UM674PK	Spark Plug Gasket	24	NSN	New
9545	Axle, NLG	1	NSN	New
9546	Plug, NLG	2	NSN	New

I certify that this Aircraft has been inspected in accordance with **Annual Inspection** per FAR Part 43, Appendix D of the Federal Aviation Administration and has been determined and is approved for return to service with regards to the work performed.

Pertinent details of this inspection and repairs are on file at this repair facility under work order number **2462**.

Date: **12 February 2020**

Signature: _____

Robert R Hancock
A&P 2210045 IA

OFFICE/ENGINE SHOP
Hancock Enterprises, Inc
3656 Central Pike
Hermitage TN. 37076
U.S.A

Hanger 624 MQY.
Fitzhugh Blvd
Smyrna, TN 37167
U.S.A

39. C/W AD 203-14-03 per S/B 529B Crane Romec Rotary Fuel Pump, both engines.
40. C/W AD 2015-19-07 per S/B 342G Inspection of Manifolds, both engines.
41. Sprayed internal areas of both wings with Corrosion X.
42. Cleaned #1 bottom spark plug. Pressure tested, LH engine, Checked ok.
43. Cleaned, gapped, tested, spark plugs on both engines using Standard Shop Practices.
44. Replaced loose rivet on RH side of fuselage near prop with cherry max rivet using Standard Shop Practices.
45. Lower rotating beacon inop. Replaced power supply, op's check ok.
46. Fabricated new floor board IAW AC4313-1B and using Standard Shop Practices.
47. Tail nav light inop, replaced missing bulb. Fabricated harness with new plug, op's check ok using Standard Shop Practices.
48. Duplicate of #28
49. Checked suspect Hyd leak in cockpit during landing gear swing. Did not find any leaks.
50. Removed heavy sludge buildup in both engine crankshafts using Standard Shop Practices.
51. Changed oil and filter LH engine, Oil Aero Shell 100W and Filter PN CH48108. Inspected filters IAW Lycoming MM.
52. Changed oil and filter RH engine, Oil Aero Shell 100W and Filter PN CH48108. Inspected filters IAW Lycoming MM.
53. Cleaned out sludge in both Propellers. Replaced o'ring at prop installation IAW MM
54. Repaired IB MLG door rubbing by reposting brake line clamp on bracket on scissors. Cycled MLG, checked ok per MM.
55. Installed jumpers/bonding straps on all control services and flaps using Standard Shop Practices.
56. Removed screws out of rear seat rails, previously drilled off heads, using Standard Shop Practices.
57. Cabin door entry sill plate loose. removed sheet metal screws. Drilled and installed rivnuts using Standard Shop Practices.
58. Replaced both MLG tires IAW Cleveland Brake MM.
59. Replaced broken nut plate in baggage compartment floor using Standard Shop Practices.
60. RH MLG suspect brake leak. After replacement of brake disc and linings no leaks found.
61. RH engine air dam, above oil cooler, cracked at outside lip. Stop drilled and sealed crack using Standard Shop Practices.
62. C/W FAR 91.207 (d) ELT Test
63. Brightened, treated, primed new floor board using Standard Shop Practices.
64. Replaced ELT battery IAW KANNARD MM, Expiration date Jan 2026.
65. Re-bushing of both MLG Scissors. Deferred to next inspection.
66. AD 82-07-03 Heater Pressure Decay Check. Does not apply to this model.
67. RH engine, replaced pulled rivets on exhaust deflectors by selecting the proper size rivet for each hole using Standard Shop Practices.
68. RH engine, Scab patch between exhaust deflectors using AC 4313-1B , primed and painted using Standard Shop Practices.
69. RH engine FW panel between exhaust tracks has right front corner cracked. Scab patch panel over cracked area using AC 4313-1B, primed and painted using Standard Shop Practices.
70. Corrosion on panels behind exhaust tracks, RH engine. Cleaned corrosion, masked and primed areas, painted using Standard Shop Practices.
71. RH IB LG door damaged. Dressed and painted damaged areas using Standard Shop Practices.
72. Replaced RH brake disc and linings IAW Cleveland Brake MM.
73. Refer to #59
74. Numerous missing and corroded rivets exhaust tract areas. Replaced rivets as required, hard rivets and cherry max, using Standard Shop Practices.
75. Repaired and replaced nut plates and screws in tail cone using Standard Shop Practices.
76. Replaced pulley set on LH alternator. Set to proper tension per STC.
77. Replaced rivnut on circuit breaker panel using Standard Shop Practices.
78. Repaired recline mechanisms in both pilot and co-pilot seats. (Pilot Reported)
79. Replaced RH vacuum pump and filter IAW A/F MM.
80. Adjusted both engines idle speed and fuel mixtures IAW Lycoming MM.
81. RH Hyd leak removed pump, fittings, installed chafe tape, reassembled, operationally check on final run.
82. Replaced missing screw in arm rest below emg window.
83. Capacitance check, both batteries. Checked 100%

The following parts were replaced, overhauled or inspected.

Part Number	Description	Qty.	Serial Number	Condition
7390	Belt, Alternator	4	NSN	New
A508-28	Bulb, Tail Nav Light	1	NSN	New
S-0310-329F	Prop O-ring	2	NSN	New
A446	Connector w/Socket	1	NSN	New

[illegible]

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<div style="border: 1px solid black; padding: 5px;"> T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 786 30-March-2021 WO# 1994-2 FORM# TTA-015 AC TT 6433.8 HOBBS.562.7 N55BZ S/N 500B-1041-42 AERO COMMANDER 500B </div> <div style="text-align: right;">Pg 1 / 1</div>			
<p>**** ITEM # 1994-2 ANNUAL ****</p> <p>ACTION: PERFORMED ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE/INSPECTION CHECK LIST. COMPLIED WITH FAR91.207 (D), ELT INSPECTION AND OPERATIONAL CHECK, UNIT CHECKED GOOD. REPLACED BATTERY DUE REPLACEMENT FEB 2024. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THOUGH AD 98-20-34 AND 3/29/2021. CW THE FOLLOWING AD'S: 76-07-12 BENDIX IGNITION SWITCH BY FUNCTION CHECK, CHECKED GOOD. NEXT DUE MAR 2022 OR HOBBS 662.7. REPACKED RH MLG AFT BRAKE CALIPER, REPAIRED INTERIOR OVERHEAD, REPLACED CARGO DOOR CABLE, REPLACED RH FUEL BOOST PUMP C/B SWITCH, LOWERED I-PAD MOUNT ON PILOT YOKE, SERVICED HYDRAULIC RESERVOIR AND ACCUMULATOR. PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE AND PERFORMED FUNCTIONAL CHECKS OF AIRCRAFT SYSTEMS, CHECKED GOOD. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION, AIRCRAFT RETURNED FOR SERVICE AND RETURNED FOR SERVICE.</p>			
<div style="border-bottom: 1px solid black; display: flex; justify-content: space-between;"> <div> Signed 7TTR565C WINSTON BRAUN JR </div> <div> 3-30-2021 Date </div> </div>			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> 9/24/2021 HOBBS 599.1 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <div style="display: flex; justify-content: space-between;"> GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258 </div> 154 A. Q. GREER DR. HOLLY SPRINGS, MS 38635 </div> <p>9/24/2021 N55BZ Aero Commander 500B s/n 500B-1041-42 hobbs: 599.1 <i>Cal</i> 599.1</p> <p>Jacked aircraft and removed nose wheel. Disassembled wheel and removed & replaced inner tube with serviceable tube (6.00 X 6). Reassembled and reinstalled, serviced tire to 38 psi.</p> <p>Glen K. Wilson Jr. A&P 3399436 9/24/2021</p> <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between;"> <div> Glen K. Wilson Jr. A&P 3399436 </div> <div> 9/24/2021 </div> </div>		
<div style="border: 1px solid black; padding: 5px;"> 12/8/21 602.3 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <div style="display: flex; justify-content: space-between;"> GLEN WILSON AIRCRAFT, LLC CELL: 901-481-2258 </div> 154 A. Q. GREER DR. HOLLY SPRINGS, MS 38635 </div> <p>12/8/2021 N55BZ Aero Commander 500B s/n 500B-1041-42 hobbs: 602.3</p> <p>Removed Left & right brake assemblies, disassembled, cleaned, inspected and reassembled with new orings p/n MS28775-224 and 101-24900, bled brakes. Ops check ok.</p> <p>Glen K. Wilson Jr. A&P 3399436 12/8/2021</p> <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between;"> <div> Glen K. Wilson Jr. A&P 3399436 </div> <div> 12/8/2021 </div> </div>		

SUB-TOTAL this page

TOTAL-Carry forward to next page

[illegible][illegible]