



Repair Station #: W6NR985J

November 27, 2023

Registration #: N690BM

Total AC Time: 9,069.1

Total AC Cycles:

Manufacturer: Twin Commander Aircraft

Part/Model number: 690A

Aircraft Serial Number: 11311

Work Order No: TRB9681

Date: 11/27/2023

Squawk

- 1.1 COMPLIED WITH 150 HR INSPECTION IAW 690A INSPECTION GUIDE.
- 1.2 COMPLIED WITH PRESSURIZATION CONTROLLER FILTER INSPECTION IAW 690A AMM, NO DEFECTS NOTED AT THIS TIME.
- 1.3 COMPLIED WITH HIGH PRESSURE BLEED AIR LEAK CHECK IAW 690A AMM, LEAK CHECKED GOOD.
- 1.4 ELT FAILED OPERATIONAL TEST, INSTALLED NEW ELT P/N E-04 S/N 044477, ELT PASSED F.A.R. 91.207, PARA (D). BATTERY EXPIRATION DATE AUG 15, 2028, HEX ID 2DC8A 45B78 FFBFF
- 1.5 REMOVED DAVTRON CLOCK BATTERY, INSTALLED NEW BATTERY P/N 811-BATT-4, OPERATIONAL CHECKED SATISFACTORY, ALL WORK ACCOMPLISHED IAW DAVTRON INSTALLATION BATTERY, FIGURE 1.
- 1.6 COMPLIED WITH SERVICE OF MAIN AIRCRAFT BATTERIES IAW CONCORD RG SERIES CMM.
- 1.7 COMPLIED WITH WEIGH CHECK OF HAND-HELD FIRE EXTINGUISHER IAW AMEREX MODEL A344 MAINTENANCE INSTRUCTIONS. WEIGHT - 2 LBS, 6.4 OZ, DOM - 2019
- 1.8 COMPLIED WITH RUDDER / ELEVATOR TRIM FLEX CABLE INSPECTION AND LUBRICATION WITH SATISFACTORY RESULTS.



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- 1.9** COMPLIED WITH FIVE YEAR LANDING GEAR INSPECTION REQUIREMENTS IAW 690A AMM SECTION XIII SCHEDULED INSPECTION AND MAINTENANCE REQUIREMENTS AND SECTION VI OF 690A AMM, OPERATIONAL AND LEAK CHECKED GOOD.
- 1.10** COMPLIED WITH CONTROL LUBRICATION IAW 690A AMM.
- 1.11** COMPLIED WITH COMPASS SWING AS REQUIRED IAW AC43.13 STANDARD MAINTENANCE PRACTICES.
- 1.12** COMPLIED WITH EMERGENCY EXIT LOCK AND OPERATION INSPECTION, NO DEFECTS NOTED.
- 1.13** COMPLIED WITH SB235,R2 - RUDDER STRUCTURAL REINSPECTION PER SERVICE BULLETIN INSTRUCTIONS- NO DEFECTS NOTED AT THIS TIME.
- 1.14** TESTED AND CONFIRMED AUTOPILOT INOPERATIVE, TROUBLESHOT, FOUND NO 28VDC ON PIN 19 IF J1 AUTOPILOT COMPUTER, LOCATED AND REPLACED SHORTE AIRCRAFT A/C 26V CIRCUIT BREAKER CONNECTOR WITH USED SERVICEABLE CONNECTOR, OPERATIONAL CHECKED GOOD, ALL WORK ACCOMPLISHED IAW COMM 690A AVIONICS PRINTS AND COLLINS FCS 106/107 MANUALS.



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- 1.15** REMOVED LEAKING COMPASS, BENCH CHECKED, INSTALLED AIRPATH COMPASS REPAIR KIT P/N 10-08000, REINSTALLED COMPASS IN AIRCRAFT, PERFORMED COMPASS SWING AND UPDATED COMPASS CORRECTION CHART, ALL CHECKED SATISFACTORY, ALL WORK ACCOMPLISHED IAW MANUAL NAVAER 05-15-606.
- 1.16** FOUND NOSE GEAR WHEEL ASSEMBLY OUT OF BALANCE, REBALANCED NOSE WHEEL AS NEEDED, CHECKED SHIMMY COLLAR ADJUSTMENT, FOUND TO BE CORRECT, ALL WORK ACCOMPLISHED IAW 690 AMM, TAXI CHECKED GOOD.
- 1.17** REMOVED RH WHEEL ASSEMBLY, REMOVED TIRE AND INSTALLED NEW P/N 850T06-3 S/N 32610280, REINSTALLED RH WHEEL ASSEMBLY ON AIRCRAFT, ALL WORK ACCOMPLISHED IAW GULFSTREAM COMM 690 AMM, SECTION 6 AND CLEVELAND WHEEL AND BRAKES MM.
- 1.18** INSTALLED NEW RING TERMINAL ON RH ENGINE FIRE WIRE AS REQUIRED IAW STANDARD MAINTENANCE PRACTICES FOUND IN AC43.13 LATEST REVISION, NO OTHER DEFECTS NOTED AT THIS TIME.
- 1.19** RESEALED RH RUDDER TAB BOOT EDGE THAT WAS LIFTING IAW TWIN COMM 690A AMM SECTION 11-3 AND 11-4 AS WELL AS STANDARD MAINTENANCE PRACTICES FOUND IN AC43.13 LATEST REVISION.



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- 1.20** APPLIED MULTIPLE DEICE BOOT PATCHES TO LH AND RH HORIZONTAL STABILIZER LEADING EDGE BOOTS IAW GOODRICH INFLATABLE DEICER FAST-PATCH REPAIR KIT 74-451-AA INSTRUCTIONS, NO OTHER DEFECTS NOTED.
- 1.21** REPLACED LH OUTBOARD FLAP INBOARD BONDING WIRE WITH NEW P/N MS25083-2BC4.
- 1.22** APPLIED MULTIPLE DEICE BOOT PATCHES TO VERTICAL STABILIZER DEICE BOOT AS REQUIRED IAW GOODRICH INFLATABLE DEICER FAST PATCH REPAIR KIT 74-451-AA INSTRUCTIONS, NO OTHER DEFECTS NOTED AT THIS TIME.
- 1.23** TOUCHED UP ANTI-STATIC PAINT AS NEEDED IAW PAINT MANUFACTURER INSTRUCTIONS.
- 1.24** REMOVED RH MAIN GEAR DRAG BRACE AFT TAPER PINS AND INSTALLED NEW P/N AN386-1-16 IAW 690A AMM.
- 1.25** REMOVED RH MAIN GEAR SWIVEL ARM PIN RETAINER RING AND INSTALLED NEW P/N NAS669-37 IAW 690A AMM.
- 1.26** REMOVED LH MAIN GEAR TRUNNION TAPER PIN AND INSTALLED NEW P/N AN386-4-28 IAW 690A AMM.



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- 1.27** REMOVED LH MAIN GEAR INBOARD DOOR BELLCRANK ARM BEARING AND INSTALLED NEW P/N MS24462-6 IAW 690A AMM.
- 1.28** REPLACED SEVERAL LOOSE RIVETS WITH MONEL 4-2 ON LH EXHAUST STACK.
- 1.29** REMOVED MAIN GEAR UPLOCK ROLLERS AND INSTALLED NEW P/N NAS43HT4-50 IAW 690A AMM.
- 1.30** CHECKED NOSE GEAR DRAG BRACE PRELOAD WITH SATISFACTORY RESULTS IAW 690A AMM PAGE 6-12

All Work Performed I.A.W. Twin Commander Aircraft 690A Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB9681.

Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

November 27, 2023

Manufacturer: HONEYWELL
Part/Model number: TPE331-5-511K
Work Order No: TRB9681

TSN/TSO: 8,870.80 / 1,654.40
Serial Number: P-06070
Date: 11/27/2023

CSN/CSO: 11,882.00 / 1,619.00

Squawk

- 1.1** COMPLIED WITH 150 HR INSPECTION IAW 690A INSPECTION GUIDE.
- 1.2** COMPLIED WITH SOAP LEFT ENGINE, INSTALLED NEW OIL FILTER P/N 3001436-1 IAW HONEYWELL MM 72-00-29,R9 C/S/S 79-20-02. RESULTS RETURNED RE-SAMPLE IN 25 HRS. REF AD 2018-13-05.
- 1.3** COMPLIED WITH 150 HR INSPECTION OF LEFT ENGINE PER SB72-0180,R42 IAW MM 72-00-29,R9. INSTALLED NEW FUEL FILTER P/N 038493-12 IAW C/S/S 73-21-03.
- 1.4** COMPLIED WITH 200 HR INSPECTION OF LEFT ENGINE PER SB72-0180,R42 IAW MM 72-00-29,R9.
- 1.5** LEFT ENGINE MAGNESIUM HOUSINGS INSPECTED SATISFACTORY IAW HONEYWELL SERVICE BULLETIN 72-0180, R42
- 1.6** ADJUSTED RIGHT SPECIFIC GRAVITY TO .69, INCREASED RIGHT START FLOW 3 CLICKS (CCW), DECREASED RIGHT FLIGHT IDLE FUEL FLOW TWO CLICKS (CCW), INCREASED LEFT START FLOW ONE CLICK (CCW), ALL WORK ACCOMPLISHED IAW HONEYWELL MM 72-00-29,R9, CHAPTER 72- ADJUST / TEST.

All Work Performed I.A.W. Twin Commander Aircraft 690A Appropriate Data.

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November 27, 2023

Manufacturer: HONEYWELL
Part/Model number: TPE331-5-511K
Work Order No: TRB9681

TSN/TSO: 8,650.80 / 1,654.40
Serial Number: P-06615
Date: 11/27/2023

CSN/CSO: 12,100.00 / 1,619.00

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- 1.2** COMPLIED WITH SOAP RIGHT ENGINE, INSTALLED NEW OIL FILTER P/N 3001436-1 IAW HONEYWELL MM 72-00-29,R9 C/S/S 79-20-02. RESULTS RETURNED RE-SAMPLE IN 25 HRS. REF AD 2018-13-05.
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- 1.6** ADJUSTED RIGHT SPECIFIC GRAVITY TO .69, INCREASED RIGHT START FLOW 3 CLICKS (CCW), DECREASED RIGHT FLIGHT IDLE FUEL FLOW TWO CLICKS (CCW), INCREASED LEFT START FLOW ONE CLICK (CCW), ALL WORK ACCOMPLISHED IAW HONEYWELL MM 72-00-29,R9, CHAPTER 72- ADJUST / TEST.

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