



Repair Station #: W6NR985J

August 14, 2018

**Registration #:** N840JC

**Total AC Time:** 8,441.1

**Total AC Cycles:**

**Manufacturer:** Twin Commander Aircraft

**Part/Model number:** 690C

**Aircraft Serial Number:** 11676

**Work Order No:** TRB7509

**Date:** 08/14/2018

### Squawk

- 1.1 COMPLIED WITH 150 HOUR INSPECTION IAW TWIN COMM 840 AMM.
- 1.2 CW ELEVATOR AND RUDDER TRIM FLEX CABLES LUBRICATION / INSPECTION IAW COMM 690C MM.
- 1.3 CW 150 HOUR INSPECT AND CLEAN OF PRESSURE CONTROL FILTER IAW COMM 690C MM 21-30-00, NO FAULTS FOUND.
- 1.4 CW BLEED AIR LEAK CHECK IAW 690C AMM, NO DEFECTS NOTED.
- 1.5 CW F.A.R. 91.207, PARA (D) ELT OPERATIONAL AND CORROSION CHECK WITH SATISFACTORY RESULTS. ELT P/N S1840501-01 S/N 2619505-0023, BATTERY EXP DATE - MARCH 2021
- 1.6 REMOVED AND REPLACED DAVTRON CLOCK BATTERY WITH NEW P/N 811-BATT-1 IAW MFG INSTRUCTIONS.
- 1.7 CW WEIGHT CHECK AND INSPECTION OF HAND-HELD FIRE BOTTLE WITH SATISFACTORY RESULTS.
- 1.8 CW LANDING GEAR CONTROL LUBRICATION PER 840 AMM.
- 1.9 CW 450 HOUR CABIN DOOR INSPECTION PER 840C AMM WITH SATISFACTORY RESULTS.
- 1.10 CW 450 HOUR EMERGENCY EXIT LOCK AND OPERATIONAL CHECK IAW 840 AMM.



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### Squawk

- 1.11** CW 1000 HOUR RECURRING INSPECTION FOR AD98-08-19 IAW TCAC SB223, PART 1 AND AD95-12-23 IAW TCAC SB213, PART 1, ITEM 10. NO DEFECTS NOTED AT THIS DATE. WINNER AVIATION LIQUID PENETRANT SUPPLIED WITH THIS WORK ORDER. CLOSED LEADING EDGE PANEL AND EROSION BOOT REMOVED FOR INSPECTION.
- 1.12** CW AD95-12-23 IAW TCAC SB213, PART 1, ITEM 10 1000 HOUR RECURRING INSPECTION OF DOUBLERS AT W.L. 10, NO DEFECTS NOTED, A WINNER AVIATION LIQUID PENETRANT REPORT SUPPLIED WITH THIS WORK ORDER. REINSTALLED INTERIOR REMOVED FOR INSPECTION.
- 1.13** COMPLIED WITH SB235A,R2 STEP 10.8, RUDDER CAP INSPECTION, NO DEFECTS NOTED.
- 1.14** COMPLIED WITH AD2018-02-14 COMBUSTION SECTION INSPECTON ON LEFT AND RIGHT ENGINES, NO DEFECTS NOTED AT THIS TIME, ALL WORK ACCOMPLISHED IAW SBTPE331-72-2178.
- 1.15** REPLACED LH WING INSPECTION LIGHT BULB DUE TO CENTER POST SOLDER JOINT WORN DOWN, NEW BULB P/N A7079B-24.
- 1.16** CW COMPASS SWING IAW AC43.13, INSTALLED NEW COMPASS CARD IN AIRCRAFT, ALL CHECKED GOOD AT THIS TIME.
- 1.17** REMOVED FORWARD EVAPORATOR AND RESEALED COVER, REINSTALLED, IAW TWIN COMM 690C AMM.



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- 1.18** REPAIRED RH GENERATOR HEAT WIRES LOOSE IN PLUG IAW AC43.13-1B.
- 1.19** RH GEAR PRIORITY VALVE BULKHEAD FITTING NOT SECURE IN WING, GAINED ACCESS THROUGH INSPECTION PANEL AND TIGHTENED BULKHEAD NUT IAW COMM 690C MM.
- 1.20** CHECKED NOSE GEAR WHEEL BALANCE, CHECKED GOOD. REMOVED SHIMMY COLLAR, CLEANED AND ADJUSTED PER 840 AMM.
- 1.21** REMOVED LH BRAKE LININGS AND REPLACED WITH EIGHT NEW BRAKE LININGS P/N 066-09000 AND RIVETS P/N 105-00200 IAW CLEVELAND WHEELS AND BRAKES MM, COMPLIED WITH BRAKE AND BRAKE LINING CONDITIONING PROCEDURES.
- 1.22** DEFUELED RH WING AND OPENED AND REMOVED RH NACELLE BAG, FOUND BAG AND BAY DRY, REINSTALLED BAG, REMOVED RH OUTBOARD FLAP AND COVE PANEL, FOUND FUEL LEAK FROM WET WING UNDER LOWER SPAR CAP, DRIED OUT AFFECTED AREA, SEALED AND CLOSED WET WING COVER, LEAK CHECKED GOOD, REINSTALLED FLAP.
- 1.23** INSTALLED FELT STRIP TO RH OUTBOARD FLAP, INBOARD COVE END PER 840 IPC.
- 1.24** RESEALED WEATHER SEAL AROUND PILOTS AND COPILOTS EYEBROW WINDOWS IAW STANDARD PRACTICES.



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- 1.25** REPAIRED LARGE HOLE IN PILOTS INBOARD RUDDER PEDAL BOOT IAW COMM 690 CMM STANDARD PRACTICES.
- 1.26** REPLACED ONE BULB OVER EMERGENCY EXIT WITH NEW P/N 5113WW, FOUND MID LH BULB LOOSE, SECURED BOTH LIGHTS, CHECKED GOOD.
- 1.27** REGLUED LOOSE CARPET ON PILOTS CENTER CONSOLE IAW COMM 690C MM STANDARD PRACTICES.
- 1.28** RESEALED RADOME WITH WHITE RTV TO PREVENT MOISTURE ENTRY PER STANDARD PRACTICES.
- 1.29** REPOSITIONED ELEVATOR TRIM POT ARM TO CLEAR RIB, OPERATIONAL CHECKED GOOD, CLEANED RIB AND TOUCHED UP PRIMER, IAW 690C AMM.
- 1.30** REPAIRED BROKEN WIRE ON LH ENGINE BETA SWITCH IAW AC43.13-1B, SECTION 14.
- 1.31** REPAIRED FORWARD END OF BAGGAGE BIN HEAT DUCT WITH DUCT TAPE AS REQUIRED.
- 1.32** INSTALLED SAFETY ON LH PROP GOVERNOR PLUG, ALL WORK ACCOMPLISHED IAW AC43.13.
- 1.33** REMOVED AND REPLACED BOTH MAIN BATTERIES WITH NEW BATTERIES, TOP CHARGED AND INSTALLED IN AIRCRAFT, P/N RG-380E/44 S/N 40935970 AND 40935967.



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**1.34**

REMOVED AND REPLACED AFT A/C EXPANSION VALVE WITH NEW VALVE P/N 1250218 IAW ENVIRO  
MM. SERVICED WITH R12, SYSTEM OPS CHECK GOOD.

**All Work Performed I.A.W.** Twin Commander Aircraft 690C 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 TRB7509.

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Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

August 14, 2018

**Manufacturer:** HONEYWELL  
**Part/Model number:** TPE331-10T-511K  
**Work Order No:** TRB7509

**TSN/TSO:** 8,325.80 / 3,033.30  
**Serial Number:** P-99312C  
**Date:** 08/14/2018

**CSN/CSO:** N/A / N/A

**Squawk**

- 1.1 COMPLY WITH 150 HOUR INSPECTION IAW TWIN COMM 840 AMM.
- 1.2 COMPLIED WITH SOAP LEFT ENGINE, TAKEN HOT, REMOVED OIL FILTER, INSTALLED A NEW OIL FILTER, ALL WORK ACCOMPLISHED IAW HONEYWELL 331 MM, CH 79. RESULTS RETURNED NORMAL.
- 1.3 COMPLIED WITH 150 HOUR INSPECTION OF LEFT ENGINE IAW HONEYWELL SB TPE331-72-0180 REV 38.
- 1.4 COMPLIED WITH INSPECTION OF LEFT ENGINE MAGNESIUM HOUSING WITH SATISFACTORY RESULTS IAW HONEYWELL SB TPE331-72-0180 REV 38.
- 1.5 COMPLIED WITH AD2018-02-14 COMBUSTION SECTION INSPECTON ON LEFT AND RIGHT ENGINES, NO DEFECTS NOTED AT THIS TIME, ALL WORK ACCOMPLISHED IAW SBTPE331-72-2178.
- 1.6 TIGHTENED LH ENGINE SCAVENGE PUMP RETURN LINE AT GEARBOX IAW AC43.13, LEAK CHECKED SATISFACTORY.
- 1.7 INSTALLED SAFETY ON LH PROP GOVERNOR PLUG, ALL WORK ACCOMPLISHED IAW AC43.13.

**All Work Performed I.A.W.** Twin Commander Aircraft 690C 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 TRB7509.

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- 1.7 INSTALLED SAFETY ON LH PROP GOVERNOR PLUG, ALL WORK ACCOMPLISHED IAW AC43.13.

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

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**Manufacturer:** Hartzell Propeller  
**Part/Model number:** HC-B3TN-5NL  
**Work Order No:** TRB7509

**TSN/TSO:** N/A / 386.70  
**Serial Number:** BUA30317  
**Date:** 08/14/2018

**CSN/CSO:** N/A / N/A

### Squawk

**1.1** COMPLY WITH 150 HOUR INSPECTION IAW TWIN COMM 840 AMM.

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

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Repair Station #: W6NR985J

August 14, 2018

**Manufacturer:** HONEYWELL  
**Part/Model number:** TPE331-10T-511K  
**Work Order No:** TRB7509

**TSN/TSO:** 8,349.10 / 3,006.70  
**Serial Number:** P-99313C  
**Date:** 08/14/2018

**CSN/CSO:** N/A / N/A

**Squawk**

- 1.1** COMPLY WITH 150 HOUR INSPECTION IAW TWIN COMM 840 AMM.
- 1.2** COMPLIED WITH SOAP RIGHT ENGINE, TAKEN HOT, REMOVED OIL FILTER, INSTALLED A NEW OIL FILTER, ALL WORK ACCOMPLISHED IAW HONEYWELL 331 MM, CH 79. RESULTS RETURNED NORMAL.
- 1.3** COMPLIED WITH 150 HOUR INSPECTION OF RIGHT ENGINE IAW HONEYWELL SB TPE331-72-0180 REV 38.
- 1.4** COMPLIED WITH INSPECTION OF RIGHT ENGINE MAGNESIUM HOUSING WITH SATISFACTORY RESULTS IAW HONEYWELL SB TPE331-72-0180 REV 38.
- 1.5** COMPLIED WITH AD2018-02-14 COMBUSTION SECTION INSPECTON ON LEFT AND RIGHT ENGINES, NO DEFECTS NOTED AT THIS TIME, ALL WORK ACCOMPLISHED IAW SBTPE331-72-2178.

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

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**Manufacturer:** Hartzell Propeller  
**Part/Model number:** HC-B3TN-5NL  
**Work Order No:** TRB7509

**TSN/TSO:** N/A / 386.70  
**Serial Number:** BUA30314  
**Date:** 08/14/2018

**CSN/CSO:** N/A / N/A

### Squawk

**1.1** COMPLY WITH 150 HOUR INSPECTION IAW TWIN COMM 840 AMM.

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

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