



PHOENIX RISING AVIATION, INC.

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Log Book Entry

June 22, 2023

Falcon 900
N377HW
S/N 037

Aircraft Total Time: 8047.2

Landings: 3851

Ch. 5

- 1 2C Inspection. Complied with CAMP Code 05-08-00-200-800-32 - 2C Inspection.
- 2 36M/2400 FH Inspection, INCLUDED WITH 2C. Complied with CAMP Code 05-08-00-200-800-07 - 36 Month / 2400 FH Inspection.
- 3 36M Inspection, INCLUDED WITH 2C. Complied with CAMP Code 05-08-00-200-800-17 -36 Month Inspection.
- 4 1C Inspection, INCLUDED WITH 2C. Complied with CAMP Code 05-08-00-200-800-31 - 1C Inspection.
- 5 Comply With Basic Inspection. Complied with 05-60-00-200-801-01 Basic Inspection
- 6 Comply With Basic Inspection - Ground Servicing Checks. Complied with 05-60-00-200-801-03 Basic Inspection - Ground Servicing Checks.

Ch. 20 Standard Practices - Airframe

- 7 Pilot Control Column RH pitch bearing rough. Replaced Pilot RH Pitch Bearing with anew Bearing P/N JN 25 IAW F900 AMM 20-45-00-960-802-01 Rev 58_003 4/3/2023
- 8 Pilot Control Column has two stripped screw. Replaced Pilot Control Column Screws(2) with New MY20215-010819 Screws IAW F900 Standard MX Practices.
- 9 Co-pilot control column RH Pitch bearing worn to limits. Replaced Co-Pilot RH Pitch Bearing with New JN25 Bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 4/3/2023
- 10 Co-pilot control column bellcrank assy. larger bearing is rough. Replaced Co-pilot Control Column Bellcrank Assy (Large) Bearing with New P/N T20 Bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 4/3/2023.
- 11 Upon inspection, sealant in Rear tank access door and LH Feeder tank FR 19 access door was discolored and also flaking. Cleaned area and applied sealant IAW F900 AMM 20-32-00-390-801, Rev 58_003 4/3/2023
- 12 Pilot Control Wheel has a Broken wire. Repaired broken wires in Pilot control wheel with new junction splices. IAW F900 Standard Practices & Procedures
- 13 Co-pilot Control Wheel has a Broken wire. Repaired damaged wire with new junction contact. IAW F900 standard practices and procedures.
- 14 #2, #3, and #5 passenger door wires broken. Repaired wires IAW Standard Practices and Procedures.
- 15 Left bell crank FGFB272230200A1 has rough bearings. Installed new bearings IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023.
- 16 Under RH floor panel 156 AZ frame 19 CIC covering drain screen, also CIC is cracked and evidence of blue water stain. Cleaned and Reapplied CIC Under 156 AZ Floor Panel. F900 AMM 20-60-10-370-801 Dated 04/2023 Rev. 58_003.
- 17 LH 155 AZ panel frame 19 under LH panel CIC has cracks. Reapplied CIC Under 155 AZ Floor Panel. F900 AMM 20-60-10-370-801 Dated 04/2023 Rev. 58_003.
- 18 Corrosion Found on Lower Nose Cone Seal Retainer. Removed Corroded Nose Cone Seal Retainers and Replaced With New Seal Retainers. P/N FGFB208002017 & FGFB208002018 IAW F900 AMM 20-43-06-910-801 Dated 04/2023 Rev. 58_003
- 19 Corrosion found on fasteners at Frame 0 and on mounting brackets for switches. Requires removal of deflector and fan for further inspection. Mounting brackets and switches were removed and deleted. Found surface corrosion on Frame 0. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58 dated 02/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58 dated 02/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 02/2023.
- 20 There is corrosion on the u collar for the s-duct. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58 dated 02/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58 dated 02/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58 dated 04/2023.

- 21 Mild corrosion found in rear compartment and APU area. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 dated 04/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 dated 04/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 04/2023.
- 22 Found broken screw on #2 EPS Battery mount. Requires extraction. Removed broken screw IAW F900 AMM 20-43-00-910-804 Rev. 58 Date April, 2023
- 23 Found P/N FGFB295001258A2 on Pax door damaged. Cleaned and straighten area. Rebonded area IAW F900 AMM 20-32-00-390-801 Rev. 58_003 4/2023.

Ch. 21 Air Conditioning

- 24 Corrosion found inside Turbofan Bypass Valve (22HN). Installed overhauled TurboFan Bypass Valve IAW F900 AMM 21-52-21-900-802, Rev. 58_003 4/3/2023. P/N On: BYLB51035-1, S/N On: 635.
- 25 Turbocooler Oil Servicing. Complied with CAMP Code 21-52-05-610-801-01 - Turbocooler Oil Servicing - Turbocooler (504HN) Oil Top-Up.
- 26 Inspection check of the electropneumatic and pneumatic valves. Complied with CAMP Code 21-32-06-200-801-01 - Inspection check of the Electropneumatic and Pneumatic Valves - Cleaning of the Electropneumatic Valve(4HP). PN: 2097D0010400 SN: 101
- 27 Inspection check of the electropneumatic and pneumatic valves. Complied with CAMP Code 21-32-06-200-801-02 - Inspection check of the Electropneumatic and Pneumatic Valves - Cleaning of the Electropneumatic Valve(5HP). PN: 2099E010400 SN: 120
- 28 Inspection / check of the electropneumatic and pneumatic valves - check of the overpressure tightness of the electropneumatic valve (4HP). Complied with CAMP Code 21-32-06-200-801-03
- 29 Check electropneumatic valve for overpressure tightness PN: 2097D010400 SN: 101. Complied with CAMP Code 21-32-06-200-801-03A (Mandatory 5-40)
- 30 Inspection / check of the electropneumatic and pneumatic valves - Check of overpressure tightness of pneumatic valve (5HP). Complied with CAMP Code 21-32-06-200-801-04
- 31 Check pneumatic valve overpressure tightness PN: 2099E010400 SN: 120. Complied with CAMP Code 21-32-06-200-801-04A. (Mandatory 5-40).
- 32 Inspection/check of the Electropneumatic and pneumatic valves. Complied with CAMP code 21-32-06-200-801-05 Inspection / check of the Electropneumatic and pneumatic valves - check of the over pressure relief valve vacuum supply lines (975HP & 976HP)
- 33 Comply With Functional Test Of The Baggage Compartment Negative Pressure Relief Valves -LH Negative Pressure Relief Valve. Complied with CAMP code 21-32-37-720-801-01 Comply With Functional Test Of The Baggage Compartment Negative Pressure Relief Valves -LH Negative Pressure Relief Valve(L508HP).
- 34 Comply With Functional Test Of The Baggage Compartment Negative Pressure Relief Valves - RH Negative Pressure Relief Valve. Complied with CAMP code 21-32-37-720-801-02 Comply With Functional Test Of The Baggage Compartment Negative Pressure Relief Valves - RH Negative Pressure Relief Valve(R508HP).
- 35 Functional Test Of The Altitude Alert Of The Triple Indicator-Triple Indicator (7HP). Sent cabin alt. rate indicator to be overhauled. Installed as removed. OPS checked IAW 21-30-09-720-801 Rev. 58_003 4/3/2023.

Ch. 22 Autopilot

- 36 Elevator bellcrank PN FGFB276200A4 to Auto-pilot had rough center bearings. Installed new bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023.

Ch. 23 Communications

- 37 Add AirText+ Including 16 Users at a Time, Email, Talk, Text and Moving Maps (Total Equipment with Install, Misc Parts) To add mounted 12.9 inch Tablets. Installed Airtex Router P/N 100-00001-101, S/N 20433. Installed Antenna P/N C1420-490, S/N 701466. Antenna and Components installed using DWG# 022823001. Wiring installed IAW DWG# 022323001. The system was ground functional tested IAW Airtex Installation Manual 216-25-05 dated 05/31/2021, Rev. H. Operational check normal. See FAA Form 337 dated 05/2/2023 for details.
- 38 Pilot Mic has a exposed wire. Removed and replaced Pilot Hand Mic with as removed hand mic PN: 602TR Performed function test IAW to F900 AMM 23-50-00-710-801 (Rev. 058_003 April 2023).
- 39 Co-Pilot Mic has exposed wires. Removed and replaced Co-Pilot Hand Mic with as removed hand mic PN: 602TR Performed function test in IAW F900 AMM 23-50-00-710-801 (Rev. 058_003 April 2023)
- 40 2 static wicks on R/H wing and 1 static wick on the L/H wing wont come off due to stripped out fasteners. Removed and Replaced 2 static wicks on R/H wing and 1 static wick on L/H wing IAW F900 AMM 23-60-01-900-801, Rev. 58 dated 6/2023. P/N On: DG16305.

Ch. 24 Electrical Power

- 41 Discard of XL245 type standby batteries - Standby horizon battery (4FG) Ops Test of XL245 type standby batteries - Standby horizon battery (4FG) Complied with CAMP Code 24-32-09-710-802-02 - Ops Test of XL245 type standby batteries - Standby horizon battery (4FG). Operational check normal. CAMP Code 24-32-09-960-802-01 - Discard of XL245 type standby batteries - Standby horizon battery (4FG) is not due at this time. Last compliance was April 1, 2020, next due April 1, 2024. PN: 100-0540-02 SN: 21127321
- 42 Test of XL245 type standby batteries - IRS battery. Complied with CAMP Code 24-32-09-710-802-02 - Ops Test of XL245 Type Standby Batteries - IRS Battery. PN: 100-0540-2 SN: 2066
- 43 Servicing of Nickle Cladium Standby Batteries - IRS 2 Battery (R12FP). Complied with 24-32-09-610-801-03 Servicing of Nickle Cladium Standby Batteries - IRS 2 Battery (R12FP) PN: 804747 SN: 1516.
- 44 Regular check of main lead / acid battery - Battery 2 (R1PE). Complied with CAMP code 24-32-01-700-802-02 Regular check of main lead / acid battery - Battery 2 (R1PE)
PN: RG380E40B SN: 41215563
- 45 Regular check of main lead / acid battery - Battery 1 (L1PE). Complied with CAMP code 24-32-01-700-802-01 Regular check of main lead / acid battery - Battery 1 (L1PE)
PN: RG380E40B SN: 41215562
- 46 No 1 Main ship battery failed Capacitive Check. Requires replacement. Remove P/N RG-380E/40B SN 41215562 and replaced with PN: RG-380E/40B SN:41215946. Check found ok IAW F900B AMM 24-32-01-700-802 Rev. 058_003 4/3/2023.
- 47 IRS 2 failed cap check. Requires replacement. Replaced IRS 2 battery P/N off: 804747 S/N off: 1516 with new P/N on: 804747 S/N on: 2058 IAW AMM 24-32-09-610-801 REV. 058_003 April 3, 2023.

Ch. 25 Equipment/Furnishing

- 48 #1 and #2 Analog Clock Replacement. Removed Pilot and Co-Pilot Analog Clocks. Installed new Digital Clocks P/N: 6420093-5, Pilot S/N On: M22-10072. Co-Pilot S/N On: M22-10066. Installation performed IAW Midcontinent Manual Manual number 9018205, Revision G dated 05/2021. Operational check normal.
- 49 Found corrosion on fan Diverter for Frame 0. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 50 Functional Test of the FDR/CVR Underwater locator Beacon (900RK). Complied with CAMP Code 25-62-01-720-801-01 - Functional Test of the FDR/CVR Underwater Locator Beacon (900RK). PN: DK120/90 SN: AT118123
- 51 Inspection of the emergency Locator Transmitter (ELT) system (FAR 91.207). Complied with camp code 25-61-00-200-881-01 Inspection of the emergency Locator Transmitter (ELT) system (FAR 91.207)
- 52 Inspection of all passenger life vest. Complied with CAMP Code 25-64-17-200-803-04 Inspection of all passenger life vest.
- 53 Comply With Discard Of The ELT Battery Packs - ELT (32RC). Discarded ELT battery IAW F900 AMM 25-61-13-960-801-01(PN:452-0133 ,SN:375879-028). Replaced with new ELT battery (PN:452-0133 ,SN:384093-038). IAW F900 AMM 25-61-01-900-804 Rev. 058_003 April 03, 2023
- 54 Functional Test of the FDR/CVR Underwater locator Beacon (900RK). Complied with camp code 25-62-01-720-801-02 Functional Test of the FDR/CVR Underwater locator Beacon (900RK) PN: DK120/90 SN: AT137135.
- 55 FDR failed operational check during 2C inspection. Check found Ok IAW F50 AMM 25-62-01-720-801-01 REV 58_003 Dated APR,2023.
- 56 During installation of aft. sink found spinning insert. Removed spinning insert. Potted in new insert NAS1836-3-12 IAW F900 SRM 51-40-05 Rev. 58_003 Date 04/2023.
- 57 R/H FWD galley has drawer that does not lock in place, middle drawer second from the bottom. Adjusted latch on drawer. ops check okay. IAW F900 Standard practices & procedures.
- 58 COSTUMER REQUEST 4 IPADS WITH USB-C WITH 8 CHARGERS. Assisted Rose Woods Aircraft Completions with wiring USB chargers. Refer to drawing No. PRA0282-01-2023-116. Installation completed IAW with Standard Practices and Procedures. Connections were made to existing capped 10A circuit breaker in Entertainment BUS A6 ELA shows under 80% usage of BUS A6 IAW 43.13-1B.
- 59 Install 4 115V outlets. Assisted Rose Wood Aircraft Aircraft Competition with wiring only of the the 4 115V outlets. Used existing wiring of previously installed 115V outlets. Completed IAW with Standard Practices and Procedures. Installation complies with 43.13-1B Chapter 11. Check Found Ok.

- 60 FAA 2016-09-03 Equipment/furnishings - Replace each spring having part number (PN: 132100-19 and PN 147100-19) installed on the pilot and co-pilot seat with a spring as specified (For airplanes that have accumulated more than 3,750 total flight cycles or have exceeded 74 mo since the airplane's first flight as of the effective of this AD) INCLUDED WITH C. Complied with AD 2016-09-03. Installed new lock pin springs P/N 147100-19 on both Pilot and Co-Pilot seats IAW paragraph (g) of this AD. Next due 72 months (C Inspection) or 3750 FC.
- 61 Inspection / Test of the waste containers - Inspection of the waste containers. Complied with AMM F900 25-20-00-220-801-01 Rev. 58_004 6/2023 Inspection / Test of the waste containers - Inspection of the waste containers. INCLUDED WITH AD 74-08-09-R3.

Ch. 26 Fire Protection

- 62 Weighing of the Engine 1 First Shoot Fire, Engine 2 second shoot fire extinguisher. PN:863470-01 SN: UE003422 Complied with CAMP Code 26-20-09-220-801-02 - Weighing of the Engine 1 First Shoot Fire, Engine 2 Second Shoot Fire Extinguisher (3WB1). Weight: 6.7 Lbs. Date Weighed: 05/08/2023. Next Due:05/2024.
- 63 Weighing of the Engine 2 First Shoot Fire, Engine 1 second shoot fire extinguisher. PN:863470-01 SN: UE001713 Complied with CAMP Code 26-20-09-220-801-03 - Weighing of the Engine 2 First Shoot Fire, Engine 1 Second Shoot Fire Extinguisher (L3WB2). Weight: 6.7 Lbs. Weigh Date: 05/08/2023. Next Due: 05/2024.
- 64 Weighing Of The Fire Extinguishers - APU, Baggage compartment Fire Extinguisher (22WB). Complied with CAMP Code 26-20-09-220-801-01 - Weighing of the Fire Extinguishers - APU, Baggage compartment Fire Extinguisher (22WB). Weight 6.6 lbs. Date weighed: 05/08/2023. Next Due: 05/2023
- 65 Weighing of the Engine 3 First Shoot Fire, Engine 2 Second Shoot Fire Extinguisher. PN:861630 SN: 55245. Complied with CAMP Code 26-20-09-220-801-04 Weighing of the Engine 3 First Shoot Fire, Engine 2 Second Shoot Fire Extinguisher (3WB3). Weight: 7.2 Lbs. Date Weighed: 05/08/2023. Next due 05/08/2024.
- 66 Restoration of the fire extinguisher (hydrostatic Test and Pressure gage calibration) - Engine 2 First Shoot, Engine 3 Second shoot fire extinguisher. Weighing of the fire extinguisher - Engine 2 First Shoot, Engine 3 Second shoot fire extinguisher PN: 861630 SN: 57511. Complied with Camp Code 26-20-09-220-801-05 Restoration of the fire extinguisher (hydrostatic Test and Pressure gage calibration) - Engine 2 First Shoot, Engine 3 Second shoot fire extinguisher (R3WB2). Hydro Date: 5/2023. Next Due: 5/2028.
Complied with CAMP Code 26-20-09-220-801-05 - Weighing of the fire extinguisher - Engine 2 First Shoot, Engine 3 Second shoot fire extinguisher (R3WB2). Weight: 6.8 Lbs. Date weighed: 5/4/2023. Next Due: 5/2024.
- 67 Weighing of the portable Fire Extinguishers - Cabin Front portable fire extinguisher(501WB). Complied with CAMP Code 26-20-15-720-801-02 - Weighing of the Portable Fire Extinguishers - Cabin Front Portable Fire Extinguisher(501WB). Weight: 3.5 Lbs. Date Weighed: 6/15/23. Next Due: 6/2024.
- 68 Weighing of the portable Fire Extinguishers - Cabin rear portable fire extinguisher(502WB). Complied with CAMP Code 26-20-15-720-801-03 - Weighing of the Portable Fire Extinguishers - Cabin Rear Portable Fire Extinguisher(501WB). Weight: 3.6 Lbs. Date Weighed: 6/15/23. Next Due: 6/2024.
- 69 Weighing of the portable Fire Extinguishers - Cockpit portable fire extinguisher(500WB). Complied with CAMP Code 26-20-15-720-801-01 - Weighing of the portable fire extinguishers- Cockpit Portable Fire Extinguisher (500WB). Weight 4.5 lbs. Date Weighed: 5/24/23. Next date due: 5/2024.

- 70 APU fire light Inop. Replaced Diodes 23WB and 25WB PN: BJE66. Operational check found good IAW AMM F900B 26-11-00 & 26-10-00-720-801 REV. 58 Dated APR 03,2023
- 71 Lavatory paper or liner waste receptacle fire prevention. Complied with FAA 1974-08-09 R03 Lavatory paper or liner waste receptacle fire prevention.

Ch.27 Flight Controls

- 72 Functional Test of the Inboard Slat Valve Box - Inboard Slat Valve Box (507CM). Complied with CAMP Code 27-80-23-720-801-01 - Functional Test of the Inboard Slat Valve Box - Inboard Slat Valve Box (507CM). PN: 108117-02 SN: 137
- 73 R/H rudder control rod at Frame 20-22, aft of bellcrank rod attach point is delaminated. Installed a removed Rudder Control Rod IAW F900 AMM 27-23-01-900-801, Rev. 58_003 4/3/2023. P/N On: FGFB273513C2.

- 74 R/H O/B flap has areas of corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 75 LH Aileron Servo is leaking. Installed repaired Aileron Servo IAW F900 AMM 27-12-01-900-801, Rev. 58_003 dated 04/2023. P/N On: 103117-05, S/N On: 479.
- 76 RH Aileron Bellcrank at frame 9-10 FGFB 271210A2 needs bearings replaced. Replaced with new bearings IAW T27-13-03-960-801 Rev.058_003 4/3/2023
- 77 RH Bellcrank FGFB 271215 at frame 13-14 has rough bearings JNA 10, and KN6. Replaced rough bearings with new bearings IAW T27-13-03-960-801 Rev. 058_003 4/3/2023
- 78 R/H Aileron inbd drive bearing damaged. Removed and replaced R/H inbd drive bearing P/N WK10-19D IAW F900 AMM Ch. 20-45-00-960-802 Rev 58_003 dated 04-2023.
- 79 L/H inboard aileron bearing rough. Installed new bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023. P/N On: WK8FESP1.
- 80 L/H aileron inbd control bearing damaged. Installed new bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023. P/N On: WK10/19D.
- 81 Elevator bellcrank P/N FGFB273130100A2 has rough bearings. Installed new bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023.
- 82 RH elevator outboard bearing dust cover is missing and bearings are corroded. Installed new bearing IAW F900 AMM 20-45-00-960-802, Rev. 58_003 dated 04/2023.
- 83 Rear elevator bell crank (FGFB273132A3) nut stripped. Removed and replaced the MS17825-8 nut F900 IAW AMM 27-23-01-900-801 Rev. 58_003 Dated 4/2023.
- 84 Installed new bushing for bottom bolt on rudder. Installed new bushing onto Rudder IAW SRM 51-71-05 Rev. 058_003 (Apr 03, 2023).
- 85 R/H Aileron servo input rod at servo connection bolt is corroded. Item 170 in IPC, FIG 27-13-10-57. Installed new hardware while installing the Aileron Servo IAW F900 AMM 27-12-01-900-801, Rev. 58_003 dated 04/2023.
- 86 Stall 2 Switch stuck in the down position. Removed and replaced stall 2 switch with as removed (PN:150PS01A5A). Ops checked found good IAW F900B AMM 27-80-00 Rev. 58 Dated June 1, 2023.

Ch. 28 Fuel

- 87 After De-fuel of the aircraft #1, #2 fuel gauge read zero with fuel still coming out. #3 fuel gauge read 300lb with no fuel coming out. Defueled Aircraft, Performed an "Adjustment of Fuel Quantity Check" IAW F900 AMM 28-40-00-820-801, Rev. 58_003 dated 4/3/2023. Could Not Duplicate, No Adjustments Necessary.
- 88 Removed panels 531DT, 631DT, 150CZ, 150DZ for Boroscope Inspection of Center Tanks. reinstalled removed panels with new seals IAW F900 AMM 20-32-00-390-802, Rev. 058_003 dated 4/3/2023.
- 89 Found 2 areas of corrosion on L/H side of rudder. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 90 L/H wing negative pressure relief valve leaking. nstalled new Negative Pressure Relief Valve using new hardware IAW F900 AMM 28-70-13-900-801, Rev 58_003 4/3/2023. P/N On: B06GA1052-1, S/N On: 7810.
- 91 Drained water from fuel tanks IAW AMM F900 28-30-00-680-801-01 Rev. 58_003 4/3/2023.
- 92 Remove And Replace Fuel Control Fuel Filter Element (APU). Complied with CAMP code 493020.
- 93 #2 fuel indicator does not read. Troubleshoot fuel system and found that the #2 fuel indicator amplifier was inop. Replaced with as removed(PN: 736-328-2 SN: 149) with (PN: 736-328-2 SN: 280). IAW AMM F900: 28-41-00-720-801 Rev. 058_003 (Apr. 03, 2023)
- 94 L/H wing inboard fuel sump drain is leaking fuel. Removed drain and found housing to be cracked. Removed and replaced L/H wing sump drain P/N on/off 142012-1 with as removed part, with new o-rings, IAW F900 AMM 28-30-11-960-801, Rev. 58 dated 04/2023. No leaks noted.

Ch. 29 Hydraulics

- 95 Stand-By Pump Circuit Breaker will not Reset. Cannon plugs on rear of Hydraulic control panel (8ML) incorrectly installed and causing circuit breaker malfunction. Removed 3 cannon plugs and correctly installed. Ops Check OK. IAW F900B AMM 29-20 Rev. 058_003 Dated April 03, 2023.

Ch. 31 Indicating & Recording

- 96 Functional Test of the Take-off Safeties Alarm test. Complied with CAMP Code 31-54-00-720-803-01 - Functional Test of the Take-off Safeties Alarm test.

Ch. 32 Landing Gear

- 97 Inside skin of L/H MLG gear door has spots of corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 98 Areas of corrosion on skin around NLG doors. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 99 Damaged/Missing CIC, (Corrosion Inhibitor Compound), in L/H and R/H MLG bays. Applied CIC (Corrosion Inhibitor Compound), in the L/H and R/H MLG bays IAW F900 AMM 20-60-10-370-801 Rev. 058_003 4/3/2023.
- 100 Damaged/Missing CIC, (Corrosion Inhibitor Compound), in NLG bay. Applied CIC to Missing/Damaged Areas of NLG Bay IAW F900 AMM 20-60-10-370-801 Dated 04/2023 Rev. 58_003
- 101 Multiple areas of corrosion on walls and seal retainers in NLG bay. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 102 Corrosion found on LH Spring Fairing Panel. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 103 Check of the MLG & NLG Uplock Boxes - NLG Uplock Box (13GA). Complied with CAMP Code 32-00-00-700-801-01 - Check of the MLG & NLG Uplock Boxes - NLG Uplock Box (13GA).
- 104 Check of the MLG & NLG Uplock Boxes - LH MLG Uplock Box (L7GA). Complied With CAMP Code 32-00-00-700-801-02 - Check of the MLG & NLG Uplock Boxes - LH MLG Uplock Box (L7GA).
- 105 Check of the MLG & NLG Uplock Boxes - RH MLG Uplock Box (R7GA). Complied with CAMP Code 32-00-00-700-801-03 - Check of the MLG & NLG Uplock Boxes - RH MLG Uplock Box (R7GA).
- 106 Special detailed inspection of the wheel subassemblies - LH MLG inboard Wheel (L535GC). Complied with CAMP Code 32-44-00-250-801-02 Special detailed inspection of the wheel subassemblies - LH MLG inboard Wheel (L535GC). PN: C20180120-1 SN: U271
- 107 Special detailed inspection of the wheel subassemblies - LH MLG outboard Wheel (L540GC). Complied with CAMP Code 32-44-00-250-801-01 Special detailed inspection of the wheel subassemblies - LH MLG outboard Wheel (L540GC). PN: C20180120-1 SN: U241
- 108 Special detailed inspection of the wheel subassemblies - LH NLG Wheel (L565GC). Complied with CAMP Code 32-44-00-250-801-05 Special detailed inspection of the wheel subassemblies - LH NLG Wheel (L565GC). PN: C20182100 SN: 707
- 109 Special detailed inspection of the wheel subassemblies - RH NLG Wheel (R565GC). Complied with CAMP Code 32-44-00-250-801-06 Special detailed inspection of the wheel subassemblies - RH NLG Wheel (R565GC). PN: C20182100 SN: 706
- 110 Special detailed inspection of the wheel subassemblies - RH MLG Inboard Wheel (R565GC). Complied with CAMP Code 32-44-00-250-801-03 Special detailed inspection of the wheel subassemblies - RH MLG Inboard Wheel (R565GC). PN: C20180120-1 SN: U228
- 111 Found broken wire on NLG. Wire is corroded and needs to be replaced. Wires belonged to a previously removed obsolete Aircraft Security System. Cap and stowed wires IAW Standard practice and procedures.
- 112 L/H wheel well has spots of corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58 dated 02/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58 dated 02/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 02/2023.
- 113 Comply With Lubrication Of The Main Landing Gears (MLG) And MLG Doors - LH MLG And Doors. Complied with Camp Code 32-10-00-640-801-01 - Lubrication Of The Main Landing Gears (MLG) And MLG Doors - LH MLG And Doors
- 114 Comply With Lubrication Of The Main Landing Gears (MLG) And MLG Doors - RH MLG And Doors. Complied with CAMP Code 32-10-00-640-801-02 - Lubrication Of The Main Landing Gears (MLG) And MLG Doors - RH MLG And Doors.
- 115 Restoration of the NLG Leg (overhaul) - NLG Leg (3GF) PN: D22811200-14-/-16-19 SN: U71. Complied with CAMP Code 32-21-00-350-801-01 - Restoration of the NLG Leg (overhaul) - NLG Leg (3GF).
- 116 Restoration of the NLG Brace Yoke Assy (overhaul) - NLG Drag Brace. PN: GA62269 SN: 14U397. Complied with CAMP Code 32-22-01-350-801-01 - Restoration of the NLG Brace Yoke Assy (overhaul) - NLG Drag Brace.

- 117 Detailed Inspection of the NLG Leg - Nlg Leg (3GF). Complied with CAMP Code 32-21-00-220-801-01 - Detailed Inspection of the NLG Leg - NLG Leg (3GF).
- 118 Restoration of the MLG Legs (overhaul) LH MLG Leg (L2GF). PN: D228011100-11-13 SN: U86. Complied with CAMP Code 32-11-00-350-801-01 - Restoration of the MLG Legs (overhaul) LH MLG Leg (L2GF).
- 119 Restoration of the MLG Legs (Overhaul) RH MLG (R2GF). PN: D22802100-11-13 SN: U38. Complied with CAMP Code 32-11-00-350-801-02 Restoration of the MLG Legs (Overhaul) RH MLG (R2GF).
- 120 LH MLG Ball-Joint Bearing is scored and gouged. Installed new forward LH MLG Ball-Joint Bearing IAW F900 AMM 32-11-25-900-801, Rev. 58_003 dated 4/2023.
- 121 Lubrication Of The Nose Landing Gear (NLG) And Doors - NLG leg(3GF). Complied with CAMP Code 32-20-00-640-801-01 - Lubrication of the Nose Landing Gear (NLG) And Doors - NLG leg(3GF).
- 122 Pitting and corrosion found on RH landing gear foward bearing assembly. Installed new forward LH MLG Ball-Joint Bearing IAW F900 AMM 32-11-25-900-801, Rev. 58_003 dated 4/2023.
- 123 Brake Wear Check on all Brakes. Performed brake wear check IAW F900 AMM 05-60-00-200-801, Rev. 58_003 dated 04/2023.
- 124 Comply With Pressure Check Of The MLG And NLG Wheel Tires. Check pressure of MLG and NLG wheel tires and aired up tires IAW 32-44-00-780-801 Rev.058_003 (Apr 03, 2023).
- 125 Brake mounting plates and the brake hardware are corroded. Installed brakes using serviceable mount plates and hardware IAW F900 AMM 32-44-17-900-801, Rev. 58_003 dated 04/2023.

Ch. 33 Lights

- 126 Update Wire Harness for Interior LED Upgrade. Found multiple exposed wires on interior lighting harness for up-wash and down-wash lighting. Rewired harness IAW Standard Prentices and Procedures.
- 127 R/H Nav light lens yellowed. Buffed Nav light lens to reduce yellowing. Installed lens as removed IAW F900B AMM 33-40-01-900-801 Rev. 58_003 dated 04/2023.
- 128 LH Nav Light Lens is cracked. Installed new nav light lens (PN: SPSF900-12-1-0) IAW F900B AMM 33-40-01-900-801 Rev. 58_003 dated 04/2023
- 129 The Landing Light Lenses need to be Replaced. Removed and Replaced Both Landing Light Lenses. IAW F900 AMM 33-40-37-900-801. Dated 04/2023 Rev. 58_003
- 130 Comply With Discard Of The EPS Battery Packs- EPS 1 (L3LW) Battery Pack. Complied with Camp Code 33-50-37-960-802-01 Discard Of The EPS Battery Packs- EPS 1
PN Off: C734-01-030 SN Off: CF30896/25/19 Replaced with PN On: C734-01-030 SN on: CF34368/02/22.
- 131 Comply With Discard Of The EPS Battery Packs -EPS 2 (R3LW) Battery Pack . Complied with Camp Code 33-50-37-960-802-02 Discard Of The EPS Battery Packs -EPS 2 (R3LW) Battery Pack Pn Off: C734-01-030 Sn Off: CF30940/35/19 Replaced with Pn On: C734-01-030 Sn On: CF34367/02/22.
- 132 Comply With Discard Of The EPS Battery Packs - EPS 3 (4LW) Battery Pack. Complied with Camp Code 33-50-37-960-802-03 Discard Of The EPS Battery Packs - EPS 3 (4LW) Battery Pack Pn off: C734-01-030 Sn Off: CF30978/35/19 Redplaced with Pn On: C734-01-030 Sn On:CF34366/02/22.
- 133 Exterior Lighting to be Upgraded to LED. Replaced exterior lighting with LED replacement bulbs in all locations.
RH Nav Light off p/n MS25309-7512. Installed p/n. 13-22438, LH Nav Light off p/n MS25309-7512. Installed p/n. 13-22437, Rear Nav Light X2 off p/n BA9S Installed p/n. 11-09268, RH Landing Light off p/n Q4559X Installed p/n. Q4559-LED, LH Landing Light off p/n Q4559X Installed p/n. Q4559-LED, LH Ice Light off p/n CM1982SP Installed p/n. 01-7079-24, RH Ice Light off p/n CM1982SP Installed p/n. 01-7079-24, Tail Beacon off p/n 30-1136-5 Installed p/n. 01-0790724-12
Taxi Light off p/n GE4626 Installed p/n. IFE360-LED-0X, Pylon Light off p/n 1982 Installed p/n. LED-67-28, Ops check ok. IAW F900 33-40-00-710-801 Rev. 58_003 dated April 3, 2023
- 134 Baggage compartment light inoperative. Found curcuit breaker pulled, reinstalled circuit breaker, ops check tested okay with bulb reinstalled. IAW F900 AMM 33-30-01-710-801 Rev. 58_003 dated 04/2023.
- 135 Replace RH Nav Light Lens per customer request. Removed and replaced RH nav light lens fairing IAW F-900 AMM ch. 33-40-01-900-801 rev 58 dated 03 April 2023.

- 136 Upgrade Reading and Table lights to LED. Upgrade MED Stairs lights to LED. Replaced Cabin Reading Lights PN Off: GE1308 with LED's PN ON:7310007-01.
Replaced MED Stairs lights PN: GE303 Off with LED's PN ON: 7310010-01
ELA indicates under 80% of electrical load on the cabin lighting system circuit IAW AC 43.13-1B.
Operational check completed AAM F900B 33-20-00 Rev. 58_003 4/3/2023 and Standard Practices and Procedures.
- 137 Upgrade upwash/downwash lighting to LED. Upgraded upwash/downwash to LED using the L5800 series kit from AIRCRAFT LIGHTING INTERNATIONAL. Installed 30 LED lights and 6 dimmer boxes (PN: N2022-X). Install was IAW INSTALLATION INSTRUCTIONS FOR AIRCRAFT LIGHTING INTERNATIONAL DC VARIABLE DIMMER, P/N N2022-X.
- 138 The rear left and right and Mid right Cabin Seat Belts and Smoking advisory do not illuminate. Replaced bulbs PN:6838 into all 3 advisory panels IAW Standard Practices & Procedures. Ops check ok IAW F900B AMM 33-20-00 Rev. 058 dated June 01, 2023.
- 139 Lower sink base Lav light broken. Replaced light with new light assembly. Ops check OK. IAW F900 AMM 33-20-00 Rev. 058-004 Dated June 01, 2023

Ch. 34 Navigation

- 140 Copilot PFD Screen Display is Distorted. Removed Copilot PFD and sent off for repair. Installed repaired PFD and performed operational check IAW F900 AMM 34-01-13-900-801, Rev. 058_003 datte 4/3/2023.
- 141 3 CTL Heads are distorted. 3 CTL heads with milky and/or distorted display were removed and sent off for repair. After getting them back they were installed with all 3 having clear displays. Check found ok. IAW AMM 34-53-00-710-801 Rev.058_003 4/3/2023.
- 142 Functional test of the air data indicators - Standby Altimeter (1FK) Complied with Camp Code 34-16-00-720-801-03 - Functional test of the Air Data Indicators - Standby Altimeter (1FK).PN: 61141-530-1 SN:4739
- 143 Functional test of the air data indicators - Standby Mach Speed Indicator (26FL). Complied with Camp code 34-16-00-720-801-04 Functional test of the air data indicators - Standby Mach Speed Indicator (26FL) PN: 64032-229-1 SN:1627
- 144 IRU LASEREF IV UPGRADE. Installed IRU Laser Ref IV PN: HG2001GD15 SN with adapter plate PN: WG200AA03 SN: 56205785. Installation completed IAW STC #ST0359NY Date of issue September 1, 2017. Refer to Form 337 dated April 28, 2024 for supplemental data.
- 145 34-58-01-710-881-01 Comply With Check VOR Equipment For IFR Operations (FAR 91.171). Operation check found ok. IAW 34-51-00-710-801 Dated APR 2023 Rev 58_003
- 146 Functional test of the air data indicators - ADC 1(L2FX). INCLUDED WITH RVSM Complied with CAMP code 34-16-00-720-801-01 functional test of the air data indicators - ADC 1(L2FX). PN: 7000700-947 SN: 95086693
- 147 Functional test of the air data indicators - ADC 2(R2FX). INCLUDED WITH RVSM. Complied with CAMP code 34-16-00-720-801-02 functional test of the air data indicators - ADC 2(R2FX). PN:7000700-647 SN: 87032051
- 148 Test No. 1 Air Data (ADC1) Computer (FAR 91.411). PN7000700-647 SN: 95086693. Complied IAW CAMP Code 34-14-01-700-881-01 - Test No. 1 Air Data (ADC1) Computer (FAR 91.411). Tested with PN: DPST-9200A SN: 022502-80 Calibration EXP: SEP-09-2023.
- 149 Test No. 2 Air Data (ADC1) Computer (FAR 91.411 & 91.413). PN7000700-647 SN: 87032051 INCLUDED WITH RVSM. Complied IAW CAMP Code 34-14-01-700-881-02 - Test No. 2 Air Data (ADC1) Computer (FAR 91.411 & 91.413).
- 150 Test Pilot Altimeter (FAR 91.411). PN: 4016341-904A-G SN: 87044548 INCLUDED WITH RVSM. Complied IAW CAMP Code 34-15-01-700-881-01 - Test Pilot Altimeter (FAR 91.411).
- 151 Test CoPilot Altimeter (FAR91.411). PN: 4016341-904 INCLUDED WITH RVSM. Complied with CAMP Code 34-15-01-700-881-02 - Test CoPilot Altimeter (FAR91.411). Tested with PN: DPST-9200A SN: 022502-80 Calibration EXP: SEP-09-2023
- 152 Test No. 1 ATC Transponder (FAR 91.413). PN: 75010700-951 SN: RCE00197. INCLUDED IN RVSM. Complied with CAMP Code 34-54-00-700-881-01 - Test No. 1 ATC Transponder (FAR 91.413).
- 153 Test No. 2 ATC Transponder (FAR 91.413). PN: 75010700-951 SN: RCE96772. INCLUDED IN RVSM. Complied with CAMP Code 34-54-00-700-881-02 - Test No. 2 ATC Transponder (FAR 91.413).

- 154 Test Pilot Standby Altimeter (FAR 91.411). PN: 64141-530-1 SN 4739. INCLUDED WITH THE RVSM. Complied with CAMP Code 34-15-02-700-881-01 - Test Pilot Standby Altimeter (FAR 91.411). Tested with PN: DPST-9200A SN: 022502-80 Calibration EXP: SEP-09-2023
- 155 GDL 88 Install. Installed GDL-88 PN:011-02370-00 SN:22U002155. Installed 3A circuit breaker for GDL-88 Bus B2. Installed GPS antenna PN: 013-00244-00 SN: 23061. Installed LBAND antenna PN: CI-100-2 SN: 35474. Ground checks and configuration completed IAW Manual No. 190-01310-00, Rev 10. Approval documents listed in FAA Form 377 dated May 24, 2023.

- 156 Installation of Flight Stream 210. Installed Flight Stream 210 PN:011-0327-40 SN: 3RE010686 on the pedestal floor. Installed a 1A circuit breaker for Flight Stream 210 (BT LINK) on Bus B2. Ground checks found ok IAW Flight Stream 210 Manual No. 190-01700-00. Refer to DWG 13-316W002 Flight Stream 210 Rev. IR dated April 10, 2023 for wiring connections. Refer to FA Form 337 dated May 24, 2023 for data references.

Ch. 35 Oxygen

- 157 Pilot O2 mask has a leak. Installed new Oxygen Outlet P/N DPB150 and Overhauled O2 Mask P/N MC 10-12-152 S/N 110221 IAW F900 AMM 35-10-05-710-801, Rev. 58_003 dated 4/3/2023. Function Check Normal. No leaks noted.
- 158 Co-Pilot O2 Mask harness will not inflate. Installed Overhauled O2 Mask IAW F900 AMM 35-10-05-710-801, Rev. 58_003 dated 4/3/2023. Function Check Normal. P/N On: MC10-12-152, S/N On: 88642.
- 159 Comply With Restoration Of The Portable Oxygen Bottle (Overhaul) - Portable Oxygen Bottle And Masks (537WH). Complied with CAMP Code 35-30-05-350-801-01 - Restoration of the Portable Oxygen Bottle (Overhaul) - Portable Oxygen Bottle and Masks (537WH).
- 160 General Visual inspection of the portable oxygen bottle - portable oxygen bottle and masks (537WH) PN: 894-20330 SN: 588203. Complied with CAMP Code 35-30-05-210-801-01 - General Visual Inspection of the Portable Oxygen Bottle - Portable Oxygen Bottle and Masks (537WH).
- 161 Cleaning of the portable oxygen masks - portable oxygen bottle and masks PN: 894-20330 SN: 588203. Complied with CAMP Code 35-30-09-100-801-01 - Cleaning of the Portable Oxygen Masks - Portable Oxygen Bottle and Masks.
- 162 Lavatory O2 line leaking. Removed and replaced leaking O2 line part number 37009-5-0120 IAW F900B AMM 35-20-05-900-801 rev 058 dated 01 JUN 2023. Leak check complete no leaks noted.

Ch. 38 Water

- 163 Water Tank Cap is damaged. Removed and replaced gravity feed water tank cap IAW AMM F900 T38-10-00-610-802 Rev. 058 dated 03 April 2023.
- 164 Comply With Sterilization Of The Potable Water System - Standard Sterilization. Sterilized the Potable Water System IAW F-900 AMM ch. 38-10-00-670-801-01 Rev 058_003 (Apr 03,2023).
- 165 Water Tank Dual Filling Valve is cracked and leaking. Removed and replaced water tank dual fill valve part number 879B14-13 IAW F900B AMM 38-11-01-900-801 rev 58 dated 01JUN23. Leak check completed with no leaks noted.

Ch. 49 APU

- 166 Remove And Inspect Magnetic Drain Plug. Complied With CAMP Code 499020 APU - Remove And Inspect Magnetic Drain Plug.
- 167 Drain And Refill Oil. Complied with CAMP Code 499030 APU- Drain And Refill Oil.
- 168 Remove And Replace Oil Filter Element. Complied with CAMP Code 499040 APU - Remove and Replace Oil Filter Element.

Ch 51. Standard practices and Structures

- 169 183AZ aft LH floor panel frame 25 has a broken nutplate. Removed panel and found nutplate to be an potted insert. Removed insert and installed NAS1836-3-12 IAW F900 SRM 51-40-05 Rev 58_003 4/3/2023.
- 170 Nut plate rail found broken in Front tank FR 14-15 Lower access door. Removed broken nutplate rail. Installed new nutplate rail IAW F900 SRM 51-40-04 Rev. 58_003 4/3/2023
- 171 L/H side of NLG opening corrosion is exfoliating and needs repaired. Cut out corrosion. Removed existing repair next to corrosion and extended repair and doubler IAW F900 SRM R51-71-01 Rev. 58_003 4/3/2023.

- 172 During installation of aft. sink found spinning insert. Removed spinning insert. Potted in new insert NAS1836-3-12 IAW F900 SRM 51-40-05 Rev. 58_03 4/3/2023.
- 173 Found both alignment brackets for galley pocket doors are cracked. Fabricated brackets. Located and installed nutplates IAW F900 SRM 51-40-04 Rev. 58_003 4/2023.
- 174 Bonding tab on #2 engine forward 5 O'clock position is cracked, at lower angle attach bracket. Removed broken angle. Fabricated angle and installed IAW F900 SRM 51-40-04 Rev 58. Date Apr. 03, 2023.

Ch. 52 Doors

- 175 Corrosion found on underside of lower baggage door panel 193DL. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 176 Found areas of corrosion around outer edge of baggage door. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 177 Found areas of corrosion on rear compartment door. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 178 Main entry door handle trim plug damaged. Replaced with new plug FGFB295007403 IAW AMM F900 52-19-900-801 Rev 058 June 1, 2023

Ch. 53 Fuselage

- 179 Area of corrosion on frame 10 repair doubler. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 180 Multiple areas of corrosion on top of aircraft. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 181 Detailed inspection of the passenger door frame under the upper and lower edging strips (CPCP) INCLUDED IN C INSPECTION. Complied with CAMP Code 53-10-03-220-801-03C Detailed inspection of the passenger door frame under the upper and lower edging strips (CPCP).

Ch. 54 Nacelles/Pylons

- 182 Areas of corrosion on upper and lower skins of R/H pylon. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 183 Areas of corrosion on upper and lower skins of L/H pylon. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 184 Found corrosion on R/H and L/H inlet. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.
- 185 General visual inspection of the Engine 1 and 3 Nacelles and Pylons - Engine 1 (L4EZ). Complied with CAMP Code 54-00-00-210-810-01 - General visual inspection of the Engine 1 and 3 Nacelles and Pylons - Engine 1 (L4EZ).
- 186 General visual inspection of the Engine 1 and 3 Nacelles and Pylons - Engine 3 (R4EZ). Complied with CAMP Code 54-00-00-210-810-02 - General visual inspection of the Engine 1 and 3 Nacelles and Pylons - Engine 3 (R4EZ)
- 187 General visual inspection of the Engine 2 nacelle. Complied with Camp Code 54-00-00-210-811-01 General visual inspection of the Engine 2 nacelle.
- 188 Detailed inspection of the NO. 1 Engine Nacelle and Pylon (CPCP). Complied with Camp Card 54-00-00-220-801-01C Detailed inspection of the NO. 1 Engine Nacelle and Pylon (CPCP).

189 RH pylon had two stripped nut plates and need to be replaced. Removed stripped nutplates and installed new nutplates IAW F900 SRM 51-40-04 Rev.58_003 4/3/2023.

Ch. 55 Stabilizers

190 Areas of corrosion on R/H horizontal L/E upper and lower. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.

191 Areas of corrosion on R/H horizontal upper and lower skins. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.

192 Areas of corrosion on L/H horizontal upper and lower skins. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.

193 LH Horizontal Hinge Pin is corroded. Remove and Replace LH hinge pin IAW 55-10-01-900-801 Rev. 058_003 (Apr 03,2023).

194 LH Horizontal Leading Edge screws are seized and the heads are stripped. Found nutplates on gang rails striped. Installed new nutplate gang rails (3) IAW F900 SRM 51-40-05, Rev. 58_003 dated 04/2023.

195 Found exfoliating corrosion on flange under Horizontal tip cap in 2 places. Measured and laid out 10mm grid to measure blended out areas. Removed and installed new R/H L/E Finger IAW F900 SRM 51-40-04 Rev. 58_003 4/3/2023.

196 Lubrication of the Horizontal Stabilizer rear hinge pins. Complied with Camp Code 55-10-33-640-801-01. Greased rear hing pins.

Ch. 56 Windows

197 Exfoliating corrosion found on the bottom of the R/H rear cockpit window retainer. Removed R/H Rear Cockpit Window Retainer and Replaced it New Retainer P/N FGFB 261900001A2 IAW F900 AMM 56-10-11-900-801 Dated 04/2023 Rev. 58_003 4/3/2023

198 Co-Pilot Side Window is delaminated. Removed and Replaced with Servicable Window P/N SPSF900-7-9-3 IAW F900 AMM 56-10-11-900-801-02 Dated 04/2023 Rev. 58_003

199 LH Windshield bottom frame, Center Windsheild bottom frame and COPilot FWD windsheild bottom frame has corrosion Pilot FWD Windshield has corrosion long bottom and top frame. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58 dated 02/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58 dated 02/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 04/2023.

Ch. 57 Wings

200 L/H wing upper DLE panels all multiple areas of corrosion. Removed DLE's for access to upper DLE panels IAW F900 AMM 57-45-01-900-801 and 57-45-13-900-801, Rev. 058_003 4/3/2023. Blended all spots of corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-804, Rev. 058_003 4/3/2023. Reinstalled DLE's IAW F900 AMM 57-45-01-900-801 and 57-45-13-900-801, Rev. 058_003 4/3/2023.

201 R/H wing upper DLE panels all have multiple areas of corrosion. Removed DLE's for access to upper DLE panels IAW F900 AMM 57-45-01-900-801 and 57-45-13-900-801, Rev. 58_003 4/3/2023. Blended all spots of corrosion IAW F900 SRM 51-71-04, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-804, Rev. 58_003 4/3/2023. Reinstalled DLE's IAW F900 AMM 57-45-01-900-801 and 57-45-13-900-801, Rev. 58_003 4/3/2023.

202 Upper skin of L/H wing has areas of corrosion. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 058_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 058_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 058_003 4/3/2023.

203 Lower skin of L/H wing has areas of corrosion. Blended surface corrosion IAW F900 SRM 51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.

204 L/H wing lower skin has 2 panels that has corrosion around screws. Blended out corrosion, alodined, primed IAW 900 SRM R51-71-04 Rev. 58_003 4/3/2023.

205 Upper skin of R/H wing has areas of corrosion. Blended out corrosion, alodined, primed IAW 900 SRM R51-71-04 Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.

- 206 Lower skin of R/H wing has areas of corrosion. Blended out corrosion, alodined, primed IAW 900 SRM R51-71-04 Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 207 L/H wing lower L/E most Outboard panel has two damaged nuplates. Installed 2 ea. new nutplates IAW F900 AMM 20-43-06, Rev. 058_003 4/3/2023.
- 208 Damaged/Missing CIC, (Corrosion Inhibitor Compound), in L/H and R/H trailing edge boxes. Applied new CIC in L/H and R/H trailing edge boxes IAW F900 AMM 57-00-00-370-801 Rev. 058_003 4/3/2023.
- 209 Panels under all Airbrakes have corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 210 L/H I/B flap has areas of corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 211 R/H O/B flap has areas of corrosion. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58_003 4/3/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 4/3/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 4/3/2023.
- 212 Found exfoliating corrosion under I/B air brake on I/B trailing edge of L/H wing. Removed corroded trailing edge. Located and drilled new trailing edge. Installed new trailing edge IAW F900 SRM 51-40-04 Rev. 58_003 4/3/2023.
- 213 Found wear marks on wing bolts #63, #64, #65 and #71. Installed new wing bolts while reinstalling wing IAW F900 AMM 57-00-01-900-801, Rev. 58_003 dated 04/2023.
- 214 Found exfoliating corrosion on I/B trailing edge under I/B air brake R/H wing under air brake panel. Removed I/B trailing edge skin with corrosion. Reinstalled new skin IAW F900 SRM 51-40-04 Rev. 58_003 4/3/2023.
- 215 Microbial growth found in LH Fuel Tank, Requires Wing removal to clean and inspect for corrosion. (LH Wing Removal Only). Removed wing. Cleaned area. No corrosion found during inspection. Installed IAW F900 AMM 57-00-01-900-801 Rev. 58_003 4/3/2023.
- 216 Bottom side of all Airbrakes have areas of missing paint. Painted with protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 04/2023.
- 217 Found corrosion on R/H wing panel 681AB. Blended surface corrosion IAW F900 SRM R51-71-04, Rev. 58 dated 02/2023. Applied Alodine IAW F900 AMM 20-60-00-370-801, Rev. 58_003 dated 02/2023. Applied protective coating IAW F900 AMM 20-60-00-370-802, Rev. 58_003 dated 02/2023.

Ch. 70 NDT

- 218 2C NDT Inspection (Tailwind Inspection). Complied with 2C Inspection NDT Requirements. See Tailwind Inspection NDT Report 16428 dated 04/24/2023.

Ch. 71 Power Plant

- 219 057110 Comply With NO. 1 Engine -150 To 250 Hour Inspection. Complied with the 150 to 250 hr inspection IAW Honeywell Light Maintenance Manual Ch. 79-20-01 and Ch. 79-20-03 dated Apr 2007 Rev 8. No defects noted.
- 220 057110 Comply With NO. 2 Engine - 150 to 250 Hour Inspection. Complied with the 150 to 250 Hr inspection IAW Honeywell light maintenance manual Ch. 79-20-01 and 79-20-03 Dated Apr 2007 Rev 8. No defects noted.
- 221 057110 Comply With NO. 3 Engine - 150 to 250 Hour Inspection. Complied with the 150 to 250 hr inspection IAW Honeywell light maintenance manual ch. 79-20-01 and ch. 79-20-03 dated Apr 2007 Rev 8. No defects noted.

Ch. 77 Removal/Installation of Engine ITT indicators

- 222 #3 Engine has Digital Display ITT Indicator that is inoperative. Removed #3 ITT Indicator for repair. Installed repaired ITT Indicator IAW F900 AMM 77-20-17-900-801, Rev. 058_003 dated 4/3/2023. P/N On: 5428-559-80-10, S/N On: 141A.
- 223 #2 ITT has faded display. Removed and replaced #2 ITT display with new ITT display (old PN: 5428-559-80-10 new PN: 5428-559-80-10) (old SN: 360 new SN: 380). Ops checked good IAW F900 AMM 77-20-17-900-801 Rev. 058_003 April 2023.

I certify that this aircraft (F900-037) has been inspected/repaired IAW current Federal Aviation Administration regulations and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Details of work performed are on file at this agency under Work Order PRA0286-01-2023.

John Thompson
Authorized Signature
John Thompson
Phoenix Rising Aviation, Inc.
CRS# XVOR782X

Date: 6/22/2023