

N775RP
TTAF: 2322.2
LANDINGS: 1312



CHALLENGER 605
S/N: 5821
DATE: 06/AUG/2018
WO: 45426

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Inspections and maintenance were accomplished using Challenger 605 Maintenance Manual Rev 46 and TLMC/MPD Rev 18.

WO ITEM CODE SUBJECT

3.1 6 MONTH INSPECTION TASKS

3.1.3.1	24-30-00-202	Functional Test (Capacity Check) of the Main Battery. Removed Main Ship Battery P/N 1756-3, S/N 09052000FDAF7 and Reinstalled Tested Battery P/N 1756-3, S/N 09052000FDAF7 IAW CL605 AMM 24-32-01. Overhauled by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.2, Dated 16/JUL/2018.
3.1.3.2	24-30-00-203	Functional Test (Capacity Check) of the APU Battery. Removed APU Battery P/N 40178-24, S/N 0905200110069 and Reinstalled Tested Battery P/N 40178-24, S/N 0905200110069 IAW CL605 AMM 24-32-04. Overhauled by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.3, Dated 16/JUL/2018.
3.1.3.3	52-45-00-301	Lubrication of the Service Door Locks

3.2 12/36/48/96 MONTH INSPECTION

3.2.3 12 MONTH INSPECTION TASKS

3.2.3.1	24-00-00-301	Operational Test (Cycling) of the Thermal Circuit Breakers
3.2.3.2	27-50-00-203	Lubrication of the Ball Nut of the Flap Actuators
3.2.3.3	27-50-00-205	Lubrication of the Flap Vane Actuator Rods
3.2.3.4	27-50-00-206	Lubrication of the Bent-Up Trailing Edge (BUTE) Door Hinge
3.2.3.5	33-50-00-201	Functional Test (Capacity Check) of the Cockpit Emergency Lights Power Supply. Removed Cockpit Production Emergency Lighting Battery Assembly P/N 61-0478-9, S/N 24724 and Reinstalled Repaired Battery Assembly P/N 61-0478-9, S/N 24724 IAW CL-605 AMM 33-51-01. Repaired by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.9, Dated 24/JUL/2018.
3.2.3.6	33-50-00-201	Functional Test (Capacity Check) of the RH Cabin Emergency Lights Power Supply. Removed Baggage Production Emergency Lighting Battery P/N 61-0478-9, S/N 24720 and Reinstalled Tested Battery Assembly P/N 61-0478-9, S/N 24720 IAW CL-605 AMM 33-51-01. Tested by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.5, Dated 16/JUL/2018.
3.2.3.7	335101-703B	Functional Test (Capacity Check) of the No. 3 Power Supply. Removed Fwd Crew Closet Emergency Battery P/N 501-1712-02, S/N 82163 and Reinstalled Tested Battery Assembly P/N 501-1712-02, S/N 82163 IAW CL-605 AMM 33-51-01. Tested by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.6, Dated 24/JUL/2018.
3.2.3.8	335101-704B	Functional Test (Capacity Check) of the No. 4 Power Supply. Removed Aft Vanity Emergency Battery P/N 501-1712-02 S/N 82169 and Reinstalled Tested battery Assembly P/N 501-1712-02 S/N 82169 IAW CL-605 AMM 33-51-01. Tested by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-7.7, Dated 24/JUL/2018.
3.2.3.9	33-50-00-202	Operational Test of the Emergency Lights
3.2.3.10	53-ZL-00-228	General Visual Inspection of the Aft Equipment Compartment - Internal

3.2.4 36 MONTH INSPECTION TASKS

3.2.4.1	25-11-00-201	Operational Test of the Inertial Reel Control and Inertia Reel
3.2.4.2	25-11-00-202	General Visual Inspection of the Pilot's/Copilot's Seat Restraints
3.2.4.3	27-00-00-210	Detailed Inspection of the Aileron Control Cables in the Inboard Trailing Edge
3.2.4.4	27-00-00-211	Detailed Inspection of the Aileron Control Cables in the Outboard Trailing Edge
3.2.4.5	35-00-00-202	Operational Test of the Passenger Oxygen System (Effectivity: 5301-5304, 5306, 5310, 5316, 5331 and Subs)
3.2.4.6	35-00-00-204	Operational Test of the Crew Oxygen Mask
3.2.4.7	52-20-00-201	Operational Test of the Latch Mechanism of the Overwing Emergency-Exit Door
3.2.4.8	52-20-00-202	Functional Test of the EXIT-PULL Sign
3.2.4.9	57-ZL-00-228	General Visual Inspection of the Wing Trailing Edge - Internal LH
3.2.4.10	57-ZL-00-229	General Visual Inspection of the Wing Trailing Edge - Internal RH
3.2.4.11	71-ZL-00-203	General Visual Inspection of the Nose Inlet Access-Cowl - Inside LH
3.2.4.12	71-ZL-00-204	General Visual Inspection of the Nose Inlet Access-Cowl - Inside RH
3.2.4.13	71-ZL-00-207	General Visual Inspection of the Core Cowl - Internal LH
3.2.4.14	71-ZL-00-208	General Visual Inspection of the Core Cowl - Internal RH

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3.2.5 48 MONTH INSPECTION TASKS

3.2.5.1	22-11-00-202	Lubrication of the Elevator Servo
3.2.5.2	22-12-00-202	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Fuselage/Stabilizer - Internal
3.2.5.3	22-12-00-204	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Aft Equipment Compartment
3.2.5.4	22-12-00-208	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Avionics Compartments
3.2.5.5	22-12-00-212	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Main Wheel Wells
3.2.5.6	22-12-00-213	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Nose Wheel Well & Landing Gear Assy
3.2.5.7	23-60-00-202	Functional Test (Bonding Check) of the Static Discharger Base
3.2.5.8	23-60-00-203	Functional Test (Bonding Check) of the Nose-Radome Lightning Strips
3.2.5.9	26-21-16-201	Detailed Inspection of the Fire-Extinguishing- System Lines
3.2.5.10	27-00-00-201	Detailed Inspection of the Aileron, Rudder, Elevator and Spoiler Control Cables in the Lower Forward Fuselage
3.2.5.11	27-00-00-202	Detailed Inspection of the Aileron, Rudder, Elevator and Spoiler Control Cables in the Main Avionics Compartment
3.2.5.12	27-00-00-203	Detailed Inspection of the Aileron and Spoiler Control Cables in the Main Landing Gear (MLG) Wheel Well
3.2.5.13	27-00-00-208	Detailed Inspection of the Rudder and Elevator Control Cables in the Fuselage/Stabilizer Section
3.2.5.14	27-00-00-209	Detailed Inspection of the Aileron Control Cables in the Outboard Wing Box
3.2.5.15	27-00-00-212	Detailed Inspection of the Aileron Control Cables in the Control Column
3.2.5.16	27-40-00-202	Detailed Inspection of the Horizontal-Stabilizer Trim-Actuator Assembly
3.2.5.17	27-40-00-204	Lubrication of the Horizontal Stabilizer Pitch-Trim-Actuator
3.2.5.18	32-ZL-00-204	General Visual Inspection of the Nose-Landing-Gear Door - LH
3.2.5.19	32-ZL-00-205	General Visual Inspection of the Nose-Landing-Gear Door - RH
3.2.5.20	32-ZL-00-206	General Visual Inspection of the Aft Nose-Landing-Gear Door
3.2.5.21	32-ZL-00-207	General Visual Inspection of the Main-Landing-Gear Door - LH
3.2.5.22	32-ZL-00-208	General Visual Inspection of the Main-Landing-Gear Door - RH
3.2.5.23	32-00-01-208	Detailed Inspection of the Landing-Gear Emergency-Extension Cable in the NLG Wheel Well
3.2.5.24	32-00-01-209	Detailed Inspection of the Landing-Gear Emergency-Extension Cable in the Forward Avionics Compartment
3.2.5.25	32-00-01-210	Detailed Inspection of the Landing-Gear Emergency-Extension Cable in the Main Avionics Compartment
3.2.5.26	32-00-01-212	Detailed Inspection of the Landing-Gear Emergency-Extension Cable in the MLG Wheel Well
3.2.5.28	52-ZL-00-206	General Visual Inspection of the Passenger Door - External
3.2.5.29	52-ZL-00-207	General Visual Inspection of the Passenger Door - Internal
3.2.5.30	52-ZL-00-209	General Visual Inspection of the Overwing Emergency-Exit Door - Internal
3.2.5.31	52-ZL-00-210	General Visual Inspection of the Cargo Compartment Door - External
3.2.5.32	52-ZL-00-211	General Visual Inspection of the Cargo Compartment Door - Internal
3.2.5.33	52-11-00-202	Detailed Inspection of the Fittings and Attachments of the Passenger Door
3.2.5.34	52-21-00-204	Detailed Inspection of the Door Frame Machined Fittings, Stops and Hooks of the Overwing Emergency-Exit Door
3.2.5.35	53-ZL-00-201	General Visual Inspection of the Nose Radome - External
3.2.5.36	53-ZL-00-202	General Visual Inspection of the Nose Radome - Internal
3.2.5.37	53-ZL-00-205	General Visual Inspection of the Nose Compartment - Lower Internal RH
3.2.5.38	53-ZL-00-206	General Visual Inspection of the NLG Wheel Well
3.2.5.39	53-ZL-00-208	General Visual Inspection of the Forward Avionics and Flight Controls Compartment - Internal LH
3.2.5.40	53-ZL-00-209	General Visual Inspection of the Forward Avionics and Flight Controls Compartment - Internal RH
3.2.5.41	53-ZL-00-210	General Visual Inspection of the Main Avionics Compartment - External
3.2.5.42	53-ZL-00-211	General Visual Inspection of the Main Avionics Compartment - Internal
3.2.5.43	53-ZL-00-212	General Visual Inspection of the Mid-Fuselage - Lower External
3.2.5.44	53-ZL-00-214	General Visual Inspection of the Main Landing Gear Wheel Well

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3.2.5.45	53-ZL-00-219	General Visual Inspection of the Forward Equipment Compartment - Internal
3.2.5.46	53-ZL-00-221	General Visual Inspection of the Flight Compartment - Internal without Removal of the Headliner and the Glareshield
3.2.5.47	53-ZL-00-227	General Visual Inspection of the Aft Equipment Compartment - External
3.2.5.48	53-ZL-00-230	General Visual Inspection of the Fuselage/Stabilizer Section - Internal
3.2.5.49	53-ZL-00-231	General Visual Inspection of the Tail Cone - External
3.2.5.50	53-ZL-00-232	General Visual Inspection of the Tail Cone - Internal
3.2.5.51	53-10-00-212	Detailed Inspection of the NLG Wheel Well Structure
3.2.5.52	53-10-00-213	Detailed Inspection of the NLG Internal Box Structure - FS169 to FS235
3.2.5.53	53-20-00-202	Detailed Inspection of the Fittings and the Hinge on the Fuselage for the Passenger Door
3.2.5.54	53-20-00-212	Detailed Inspection of the Aft Keel Beam - FS513 to FS559
3.2.5.55	53-20-00-233	Lubrication of the Wing-to-Fuselage Attachment Links - FS513.00
3.2.5.56	53-30-00-207	Detailed Inspection of the Profile Plates of the Floor Support Structure - FS621
3.2.5.57	53-30-00-215	Detailed Inspection of the Internal Skin and Fuselage Structure - FS621 to FS755
3.2.5.58	53-30-00-217	Detailed Inspection of the External Skin around the APU Exhaust Cutout
3.2.5.59	54-ZL-00-201	General Visual Inspection of the Pylon - External LH
3.2.5.60	54-ZL-00-202	General Visual Inspection of the Pylon - External RH
3.2.5.61	54-ZL-00-203	General Visual Inspection of the Pylon Leading Edge - Internal LH
3.2.5.62	54-ZL-00-204	General Visual Inspection of the Pylon Leading Edge - Internal RH
3.2.5.63	54-ZL-00-205	General Visual Inspection of the Pylon Mid-Section - Internal LH
3.2.5.64	54-ZL-00-206	General Visual Inspection of the Pylon Mid-Section - Internal RH
3.2.5.65	55-ZL-00-201	General Visual Inspection of the Vertical Stabilizer Assembly - External
3.2.5.66	55-10-00-207	Detailed Inspection of the Inner Pivot Pin of the Horizontal Stabilizer
3.2.5.67	57-ZL-00-201	General Visual Inspection of the Wing Center Section - External LH
3.2.5.68	57-ZL-00-202	General Visual Inspection of the Wing Center Section - External RH
3.2.5.69	57-ZL-00-206	General Visual Inspection of the Inboard Leading Edge of the Wing - External LH
3.2.5.70	57-ZL-00-207	General Visual Inspection of the Inboard Leading Edge of the Wing - External RH
3.2.5.71	57-ZL-00-210	General Visual Inspection of the Outboard Leading Edge of the Wing - External LH
3.2.5.72	57-ZL-00-211	General Visual Inspection of the Outboard Leading Edge of the Wing - External RH
3.2.5.73	57-ZL-00-214	General Visual Inspection of the Wing from WS47 to WS148 - External LH
3.2.5.74	57-ZL-00-215	General Visual Inspection of the Wing from WS47 to WS148 - External RH
3.2.5.75	57-ZL-00-218	General Visual Inspection of the Wing from WS148 to WS353 - External LH
3.2.5.76	57-ZL-00-219	General Visual Inspection of the Wing from WS148 to WS353 - External RH
3.2.5.77	57-ZL-00-222	General Visual Inspection of the Winglet - External LH
3.2.5.78	57-ZL-00-223	General Visual Inspection of the Winglet - External RH
3.2.5.79	57-ZL-00-226	General Visual Inspection of the Inboard Trailing Edge of the Wing - External LH
3.2.5.80	57-ZL-00-227	General Visual Inspection of the Inboard Trailing Edge of the Wing - External RH
3.2.5.81	57-ZL-00-230	General Visual Inspection of the Outboard Trailing Edge of the Wing - External LH
3.2.5.82	57-ZL-00-231	General Visual Inspection of the Outboard Trailing Edge of the Wing - External RH
3.2.5.83	57-10-00-211	Detailed Inspection of the Aft Face of the Rear Spar of the Wing - WS48 to WS353
3.2.5.84	57-10-00-217	Detailed Inspection of the Internal Wing (Auxiliary Spar, Planks, Skins, Structure & the MLG Trunnion Fitting)- WS48.00 to WS139.90
3.2.5.85	57-50-00-201	Detailed Inspection of the Inboard Flap and Inboard Flap Vane (External Surfaces)
3.2.5.86	57-50-00-206	Detailed Inspection of the Outboard Flap (External Surfaces) and the Outboard Flap Vane (External Surfaces and Support Fittings)
3.2.5.87	57-70-00-201	Detailed Inspection of the External Surfaces and Forward Face of the Front Spar of the Ground Spoiler
3.2.5.88	57-70-00-202	Special Detailed Inspection of the Bonded Skins of the Ground Spoiler
3.2.5.89	57-70-00-203	Detailed Inspection of the External Surfaces and Forward Face of the Front Spar of the Flight Spoiler
3.2.5.90	57-70-00-204	Special Detailed Inspection of the Bonded Skins of the Flight Spoiler
3.2.5.91	71-ZL-00-201	General Visual Inspection of the Nacelle - External LH
3.2.5.92	71-ZL-00-202	General Visual Inspection of the Nacelle - External RH
3.2.5.93	71-ZL-00-205	General Visual Inspection of the Translating Cowl - Internal LH
3.2.5.94	71-ZL-00-206	General Visual Inspection of the Translating Cowl - Internal RH
3.2.5.95	78-ZL-00-201	General Visual Inspection of the Torque Box of the Thrust Reverser - Internal LH

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3.2.5.96	78-ZL-00-202	General Visual Inspection of the Torque Box of the Thrust Reverser - Internal RH
3.2.5.97	78-ZL-00-203	General Visual Inspection of the Exhaust Nozzle Fairing-Assembly LH
3.2.5.98	78-ZL-00-204	General Visual Inspection of the Exhaust Nozzle Fairing-Assembly RH

3.2.6 96 MONTH INSPECTION TASKS

3.2.6.1	22-12-00-201	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Flight Compartment
3.2.6.2	22-12-00-203	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Flight Compartment
3.2.6.3	22-12-00-205	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection in the Fuselage between FS409.00 and FS621.00, below WL73.5 - Internal
3.2.6.4	22-12-00-206	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection on the Avionics Racks
3.2.6.5	22-12-00-207	Special Detailed Inspection (Borescope) of the Lightning/High Intensity Radiated Field (L/HIRF) Protection on the #2 VHF Antenna
3.2.6.6	22-12-00-209	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection on the Upper FS621 Bulkhead
3.2.6.7	22-12-00-210	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection on the Wing Disconnects - External
3.2.6.8	22-12-00-211	Detailed Inspection of the Lightning/High Intensity Radiated Field (L/HIRF) Protection on the Wing Disconnects - Internal
3.2.6.9	23-60-00-201	Functional Test of the Static Dischargers
3.2.6.10	27-00-00-204	Detailed Inspection of the Aileron, Rudder, Elevator and Spoiler Control Cables in the Mid-Lower Fuselage
3.2.6.11	27-00-00-205	Detailed Inspection of the Rudder and Elevator Control Cables in the Lower Mid-Fuselage Compartment
3.2.6.12	27-00-00-207	Detailed Inspection of the Elevator Control Cables in the Vertical Stabilizer
3.2.6.13	28-10-00-207	Functional Test of the Vent Line Shrouds
3.2.6.14	28-10-00-208	Functional Test of the Motive-Flow Line Shrouds
3.2.6.15	28-10-00-209	Functional Test of the Fuel-Feed Line Shrouds
3.2.6.16	28-10-00-210	Functional Test of the Forward and Aft Auxiliary Tanks - Interspace and Fuel Transfer Line Shrouds
3.2.6.17	28-20-00-202	Operational Test of the Collector-Tank Check Valve
3.2.6.18	32-00-01-211	Detailed Inspection of the Landing-Gear Emergency-Extension Cable in the Mid-Lower Fuselage Compartment
3.2.6.19	32-00-01-215	Detailed Inspection of the Main Landing Gear (MLG) Assembly
3.2.6.20	32-00-01-216	Detailed Inspection of the Nose Landing Gear (NLG) Assembly
3.2.6.21	32-12-00-201	Detailed Inspection of the Hinge and Fasteners of the Main Landing-Gear Door
3.2.6.22	52-ZL-00-208	General Visual Inspection of the Overwing Emergency-Exit Door - External
3.2.6.23	52-11-00-203	Detailed Inspection of the Internal Structure of the Passenger Door
3.2.6.24	52-21-00-203	Detailed Inspection of the Internal Structure of the Overwing Emergency-Exit Door
3.2.6.25	52-31-00-202	Detailed Inspection of the Stop Fittings of the Cargo Compartment Door
3.2.6.26	52-31-00-203	Detailed Inspection of the Internal Structure of the Cargo Compartment Door
3.2.6.27	53-ZL-00-203	General Visual Inspection of the Nose Compartment - Lower External
3.2.6.28	53-ZL-00-204	General Visual Inspection of the Nose Compartment - Lower Internal LH
3.2.6.29	53-ZL-00-207	General Visual Inspection of the Forward Avionics and Flight Controls Compartment - External
3.2.6.30	53-ZL-00-213	General Visual Inspection of the Lower Surface of the Pressure-Floor from FS409 to FS559
3.2.6.31	53-ZL-00-215	General Visual Inspection of the Mid-Fuselage between the Pressure Floor and the Cabin Floor - Lower Internal
3.2.6.32	53-ZL-00-216	General Visual Inspection of the Aft Compartment and Aft Wing-to-Fuselage Fairing - External
3.2.6.33	53-ZL-00-218	General Visual Inspection of the Forward Equipment Compartment - External
3.2.6.34	53-ZL-00-222	General Visual Inspection of the Passenger Compartment - External
3.2.6.35	53-ZL-00-224	General Visual Inspection of the Cargo Compartment - External
3.2.6.36	53-ZL-00-225	General Visual Inspection of the Cargo Compartment - Internal without Removal of the Headliner
3.2.6.37	53-ZL-00-229	General Visual Inspection of the Fuselage/Stabilizer Section - External
3.2.6.38	53-ZL-00-233	General Visual Inspection of the Mid-Fuselage Compartment - Lower Internal (FS559.0 to FS621.0)

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3.2.6.39	53-10-00-201	Detailed Inspection of the Internal Fuselage, Frames and Forward Bulkhead - FS169.00 to FS202.75
3.2.6.40	53-10-00-203	Detailed Inspection of the Internal Fuselage (Skins and Structure) - FS202.75 to FS280.00 Below the Floor
3.2.6.41	53-10-00-208	Detailed Inspection of the Beams, Crossmembers and Panels of the Floor Structure - FS169 to FS280
3.2.6.42	53-10-00-210	Detailed Inspection of the Forward Jacking Point - FS278
3.2.6.43	53-20-00-201	Detailed Inspection of the Sills, Frames and External Skin around the Passenger Door Cutout
3.2.6.44	53-20-00-203	Detailed Inspection of the Floor Support Structure - FS280 to FS409, as Visible with the Floor Panels Installed
3.2.6.45	53-20-00-204	Detailed Inspection of the Floor Support Structure - FS280 to FS409
3.2.6.46	53-20-00-206	Detailed Inspection of the Lower Internal Skin and Fuselage Structure - FS280 to FS409, as Visible with the Floor Panels Installed
3.2.6.47	53-20-00-207	Detailed Inspection of the Internal Mid-Fuselage (Skin and Structure, FS409.00 Bulkhead Forward Face and the External Surfaces of the Forward-Auxiliary Fuel Tank) - FS280.00 to FS409.00 Below the Floor
3.2.6.48	53-20-00-210	Detailed Inspection of the Internal Forward Keel Beam - FS364 to FS394
3.2.6.49	53-20-00-211	Detailed Inspection of the Forward Keel Beam Pressure Box and Keel Beam Lugs and Links - FS394 to FS409
3.2.6.50	53-20-00-216	Detailed Inspection of the Aft Face of the Frame below the Floor - FS409
3.2.6.51	53-20-00-217	Detailed Inspection of the Sills, Frames and External Skin around the Emergency-Exit Door Cutout
3.2.6.52	53-20-00-218	Detailed Inspection of the Fittings of the Emergency-Exit Door
3.2.6.53	53-20-00-220	Detailed Inspection of the Floor Sill Area Over the Wing Box - FS409 to FS559
3.2.6.54	53-20-00-221	Detailed Inspection of the Wing-to-Fuselage Attachment Lug - FS424
3.2.6.55	53-20-00-222	Detailed Inspection of the Wing-to-Fuselage Attachment Lug - FS473.15
3.2.6.56	53-20-00-223	Detailed Inspection of the Frame below the Floor - FS513
3.2.6.57	53-20-00-224	Detailed Inspection of Wing-to-Fuselage Attachment Link - FS513
3.2.6.58	53-20-00-225	Detailed Inspection of the Wing-to-Floor Tie Beam - FS460
3.2.6.59	53-20-00-226	Detailed Inspection of the Upper Surface of the Pressure Floor Skin Panel - FS409 to FS559 and BL36L to BL36R
3.2.6.60	53-20-00-227	Detailed Inspection of the Lower Surface of the Pressure Floor Skin Panel - FS409 to FS559 and BL36L to BL36R
3.2.6.61	53-20-00-228	Detailed Inspection of the Pressure Floor Support Beams - FS409 to FS559, BL0.0, BL9, BL18.6, BL27 and BL35.4
3.2.6.62	53-20-00-229	Detailed Inspection of the Underfloor Longerons Assembly - FS409 to FS559
3.2.6.63	53-20-00-230	Detailed Inspection of the MLG Uplock Structure - FS513 to FS559 below WL73 (LH and RH)
3.2.6.64	53-20-00-232	Detailed Inspection of the Internal Surfaces of the Forward Auxiliary Tank
3.2.6.65	53-30-00-201	Detailed Inspection of the Aft Face of the Pressure Bulkhead below the Floor - FS559
3.2.6.66	53-30-00-202	Detailed Inspection of the Forward Face of the Pressure Bulkhead below the Floor - FS559
3.2.6.67	53-30-00-203	Detailed Inspection of the Aft Face of the Rear Pressure Bulkhead - FS621
3.2.6.68	53-30-00-204	Detailed Inspection of the Stabilizer Drag Angles - FS700 to FS820, and Stringer 2L and 2R
3.2.6.69	53-30-00-206	Detailed Inspection of the Profile Plates of the Floor Support Structure - FS559 to FS621
3.2.6.70	53-30-00-208	Detailed Inspection of the Engine Support Beam Structure
3.2.6.71	53-30-00-209	Detailed Inspection of the Internal Aft Fuselage (Skin and Structure, FS621.00 Bulkhead Forward Face and the External Surfaces of the Aft-Auxiliary Fuel Tank) - FS559.00 to FS621.00 Below the Floor
3.2.6.72	53-30-00-211	Detailed Inspection of the Track Supports near, and the Sills and Frames around, the Cargo Compartment Door Cutout
3.2.6.73	53-30-00-213	Detailed Inspection of the Fittings of the Cargo Compartment Door
3.2.6.74	53-30-00-216	Detailed Inspection of the Forward Face of the Frame - FS755
3.2.6.75	53-30-00-219	Detailed Inspection of the External Side Skin Panels of the Fuselage - FS559 to FS755 and Stringer 6L to 20L and 6R to 20R Covered by Pylon
3.2.6.76	53-30-00-222	Detailed Inspection of the Internal Skin and Structure of the Aft Auxiliary Tank
3.2.6.77	53-43-00-202	Detailed Inspection of the Aft Face of the Frame - VS67.5%
3.2.6.78	53-43-00-203	Detailed Inspection of the Internal Skin and Fuselage Structure - FS755 to VS67.5%
3.2.6.79	53-50-00-201	Detailed Inspection of the Internal Skin and Structure of the Tail Tank

3.2.6.80	53-50-00-202	Detailed Inspection of the Floor Structure of the Tail Tank
3.2.6.81	53-50-00-203	Detailed Inspection of the Forward Face of the Fuel Tail Tank Forward Bulkhead
3.2.6.82	53-50-00-204	Detailed Inspection of the Aft Face of the Tail Tank Aft Bulkhead
3.2.6.83	54-ZL-00-207	General Visual Inspection of the Pylon Trailing Edge - Internal LH
3.2.6.84	54-ZL-00-208	General Visual Inspection of the Pylon Trailing Edge - Internal RH
3.2.6.85	54-50-00-201	Detailed Inspection of the Forward Engine-Mount Spar Assembly
3.2.6.86	54-50-00-203	Detailed Inspection of the Internal Structure of the Pylon
3.2.6.87	54-50-00-204	Detailed Inspection of the Aft Engine-Mount Support Structure
3.2.6.88	55-ZL-00-202	General Visual Inspection of the Ram Air Intake and Dorsal Fairing - Internal
3.2.6.89	55-ZL-00-203	General Visual Inspection of the Leading Edge of the Vertical Stabilizer - Internal
3.2.6.90	55-ZL-00-204	General Visual Inspection of the Vertical Stabilizer - Internal
3.2.6.91	55-ZL-00-205	General Visual Inspection of the Tip of the Vertical Stabilizer - Internal
3.2.6.92	55-ZL-00-206	General Visual Inspection of the Horizontal Stabilizer - External LH
3.2.6.93	55-ZL-00-207	General Visual Inspection of the Horizontal Stabilizer - External RH
3.2.6.94	55-ZL-00-208	General Visual Inspection of the Leading Edge of the Horizontal Stabilizer - Internal LH
3.2.6.95	55-ZL-00-209	General Visual Inspection of the Leading Edge of the Horizontal Stabilizer - Internal RH
3.2.6.96	55-ZL-00-210	General Visual Inspection of the Horizontal Stabilizer - Internal LH
3.2.6.97	55-ZL-00-211	General Visual Inspection of the Horizontal Stabilizer - Internal RH
3.2.6.98	55-10-00-201	Detailed Inspection of the Upper Face of the Top Canted Rib and the Rib Fittings of the Vertical Stabilizer and the Attachment Fittings and Skin Splices of the Horizontal Stabilizer
3.2.6.99	55-10-00-202	Detailed Inspection of the Front Spar of the Horizontal Stabilizer
3.2.6.100	55-10-00-203	Detailed Inspection of the Horizontal Stabilizer (Internal Skins, Structure, Rear Spar and Hinge Fittings) and the Elevator (Forward Face of the Front Spar, Hinge Fittings and Bolts)
3.2.6.101	55-20-00-202	Detailed Inspection of the External Surfaces of the Elevator
3.2.6.102	55-30-00-201	Detailed Inspection of the Vertical-Stabilizer (Forward Side of the Front Spar, Attachment Fittings and the Splice Strap)
3.2.6.103	55-30-00-206	Detailed Inspection of the Internal Structure of the Vertical Stabilizer
3.2.6.104	55-40-00-201	Detailed Inspection of the External Surfaces of the Rudder
3.2.6.105	55-40-00-202	Detailed Inspection of the Rudder (Forward Face of the Front Spar and Hinge Bolts) and the Vertical Stabilizer (Aft Face of the Rear Spar and Rudder Hinge Fittings)
3.2.6.106	57-ZL-00-203	General Visual Inspection of the Front Spar of the Wing Center Section - External
3.2.6.107	57-ZL-00-204	General Visual Inspection of the Wing Center Section - Internal LH
3.2.6.108	57-ZL-00-205	General Visual Inspection of the Wing Center Section - Internal RH
3.2.6.109	57-ZL-00-208	General Visual Inspection of the Inboard Leading Edge of the Wing - Internal LH
3.2.6.110	57-ZL-00-209	General Visual Inspection of the Inboard Leading Edge of the Wing - Internal RH
3.2.6.111	57-ZL-00-212	General Visual Inspection of the Outboard Leading Edge of the Wing - Internal LH
3.2.6.112	57-ZL-00-213	General Visual Inspection of the Outboard Leading Edge of the Wing - Internal RH
3.2.6.113	57-ZL-00-216	General Visual Inspection of the Wing from WS45 to WS148 - Internal LH
3.2.6.114	57-ZL-00-217	General Visual Inspection of the Wing from WS45 to WS148 - Internal RH
3.2.6.115	57-ZL-00-220	General Visual Inspection of the Wing from WS148 to WS353 - Internal LH
3.2.6.116	57-ZL-00-221	General Visual Inspection of the Wing from WS148 to WS353 - Internal RH
3.2.6.117	57-ZL-00-234	General Visual Inspection of the Aileron Shroud - Internal LH
3.2.6.118	57-ZL-00-235	General Visual Inspection of the Aileron Shroud - Internal RH
3.2.6.119	57-10-00-201	Detailed Inspection of the External Center Wing (Front Spar and the Bayonet Fitting) - LWS50.00 to RWS50.00
3.2.6.120	57-10-00-202	Detailed Inspection of the Internal Center Wing (Spars, Rib and Wing Plank Surfaces) - LWS45.00 to RWS45.00
3.2.6.121	57-10-00-204	Detailed Inspection of the External Center Wing (Rear Spar and Upper Wing Plank, MLG Side Brace Fitting and Rear Spar Bayonet-Fitting) - LWS48.00 to RWS48.00
3.2.6.122	57-10-00-208	Detailed Inspection of the Forward Face of the Front Spar of the Wing - WS50 to WS353
3.2.6.123	57-10-00-209	Detailed Inspection of the Internal Wing (Front Spar, Rear Spar, Wing Planks, Structure and the MLG Mounting Fittings) - WS45.00 to Canted WS314.50
3.2.6.124	57-10-00-213	Detailed Inspection of the Internal Skin and the Wing Structure - Canted WS314.5 to WS353
3.2.6.125	57-10-00-224	Detailed Inspection of the Wing-to-Fuselage Attachment Fittings and Bolts - FS424.00, FS473.15 and FS513.00

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3.2.6.126	57-10-00-227	Detailed Inspection of the Attachment Fittings of the Flap Hinge Box of the Inboard Flap - WS76.5 and WS127.25
3.2.6.127	57-10-00-228	Detailed Inspection of the Attachment Fittings of the Flap Hinge Box of the Outboard Flap - WS178, WS220 and WS264
3.2.6.128	57-10-00-229	Detailed Inspection of the Aileron (External Surfaces, Wing-to-Aileron Hinge Fittings, Hinge Bolts and Anti-Float Torsion Bar)
3.2.6.129	57-10-00-230	Detailed Inspection of the Hinge Fittings for the Ground Spoiler
3.2.6.130	57-10-00-231	Detailed Inspection of the Hinge Fittings for the Flight Spoiler
3.2.6.131	57-30-00-201	Detailed Inspection of the Skin, Spars, Attachment Fittings, and Internal Structure of the Winglet
3.2.6.132	57-50-00-202	Detailed Inspection of the Inboard Flap (External Skins, Attachment Lugs and Hinge Arms)
3.2.6.133	57-50-00-207	Detailed Inspection of the Outboard Flap (External Skins, Attachment Lugs and Hinge Arms)
3.2.6.134	57-50-00-210	Detailed Inspection of the Flap Hinge Boxes of the Inboard Flap
3.2.6.135	57-50-00-211	Detailed Inspection of the Flap Hinge Boxes of the Outboard Flap
3.2.6.136	57-70-00-205	Detailed Inspection of the Hinge Bolts of the Ground Spoiler
3.2.6.137	57-70-00-206	Detailed Inspection of the Hinge Bolts of the Flight Spoiler
3.2.6.138	71-12-00-205	Detailed Inspection of the Hinge Fittings of the Core Cowl Door
3.2.6.139	71-13-00-202	Detailed Inspection of the Service Pylon Casting and Support Rails
3.2.6.140	71-20-00-202	Detailed Inspection of the Forward Engine Mount Yoke and Link Assembly
3.2.6.141	71-20-00-203	Detailed Inspection of the Aft Engine Mount Assembly
3.2.6.142	78-30-00-206	Detailed Inspection of the Main Pylon Tracks of the Thrust-Reverser
3.2.6.143	78-30-00-207	Detailed Inspection of the Thrust-Reverser Main Tracks
3.2.6.144	78-30-00-208	Detailed Inspection of the Attachment Fittings for the Thrust-Reverser Main Tracks
3.2.6.145	78-30-00-209	Detailed Inspection of the Support Fittings of the Thrust-Reverser Ballscrew Actuators

3.3 96 MONTH LANDING GEAR INSPECTION

Re-Installed the following Inspected landing gear assemblies. All life-limited parts are serialized and the Inspection is certified by West Star Aviation (WTR173J) on FAA form 8130-3's. The Form Tracking Numbers (FTN) and dates are listed below. Life limited parts and more landing gear details are listed in a Landing Gear Book that was placed in the aircraft permanent records. This meets the record keeping requirements of 14CFR part 43.10 (c) (2).

Assembly	Part Number	Serial Number	FTN	Date
NLG Assembly	604-85002-41	09MDT0504	45426-20.1	25/JUL/2018
NLG Drag Brace Assembly	604-85002-51	09MDT0511	45426-21.1	24/JUL/2018
NLG Retraction Actuator	600-85002-37	DCL503/00	45426-22.1	24/JUL/2018
L/H MLG Assembly	604-85001-25	09MDT0495	45426-23.1	25/JUL/2018
L/H MLG Shock	604-85001-5	09MDT1002	45426-24.1	21/JUL/2018
L/H MLG Side Stay Actuator	604-85001-9	01027	45426-25.1	25/JUL/2018
R/H MLG Assembly	604-85001-26	09MDT0494	45426-26.1	25/JUL/2018
R/H MLG Shock	604-85001-5	09MDT1007	45426-27.1	25/JUL/2018
R/H MLG Side Stay Actuator	604-85001-9	00980	45426-28.1	25/JUL/2018

Nose landing gear components were installed IAW CL-605 AMM 32-21-00, 32-21-07, 32-33-01. Main landing gear components were installed IAW CL-605 AMM 32-11-00, 32-32-01. Accomplished the following tests: extension and retraction tests IAW CL-605 AMM 32-30-00; landing gear emergency extension system functional test IAW CL-605 AMM 32-34-00; ops test of nose wheel steering and NWS selector valve and arming valve IAW CL-605 AMM 32-51-00; ops test of anti-skid system IAW CL-605 AMM 32-44-00; Bled brakes IAW CL-605 AMM 32-43-00.

NEW LIFE LIMITED PARTS INSTALLED AT 96 MONTH GEAR INSPECTION

Component	Part Number	Serial Number	CSN
No. 2 NLG Pivot (Trunnion) Pin	200811601	15EXC2200	0
LH MLG Main Fitting / Trailing Arm Pivot Pin	19039-1	09MBM0910	0

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3.4 400/600/2400 HOUR INSPECTION

3.4.2 400 HOUR INSPECTION TASKS

3.4.2.1	27-41-00-101	Operational Test (BITE) of the Horizontal-Stabilizer Trim-Control System (HSTCS)
3.4.2.2	27-60-00-201	Lubrication of the Flight Spoiler Flexshaft and Control Cable Ends
3.4.2.3	28-21-13-201	(CAMP 282113-0101A, 282113-0102A) - Operational Test of the Engine-Firewall Fuel Shutoff-Valve
3.4.2.4	28-31-00-101	Operational Test of the Dump Valve
3.4.2.5	32-00-01-204	Lubrication of the Main Landing Gear (MLG) (300 Hour or 400 Hour)
3.4.2.6	32-00-01-205	Lubrication of the Nose Landing Gear (NLG) (300 Hour or 400 Hour)
3.4.2.7	32-00-01-206	Lubrication of the Main Landing Gear (MLG) Doors (300 Hour or 400 Hour)
3.4.2.8	32-00-01-207	Lubrication of the Nose Landing Gear (NLG) Doors (300 Hour or 400 Hour)
3.4.2.9	32-50-00-201	Operational Test of the Nosewheel Steering Selector and Arming Valve
3.4.2.10	52-10-00-202	Lubrication of the Passenger Door (External) (300 Hour or 400 Hour)

3.4.3 600 HOUR INSPECTION TASKS

3.4.3.1	21-30-00-203	Operational Test of the Pressurization Control System (Manual Mode)
3.4.3.2	24-30-00-201	Operational Test of the Transformer Rectifier Unit (TRU) Fan
3.4.3.3	28-10-00-201	General Visual Inspection of the Fuel Access Panels
3.4.3.4	28-10-00-202	General Visual Inspection of the Fuel Drain Valves
3.4.3.5	28-10-00-203	General Visual Inspection of the Water Drain Valves
3.4.3.6	28-10-00-204	General Visual Inspection of the Fuel Tank Exterior
3.4.3.7	28-10-00-205	General Visual Inspection of the Saddle Tank Drain
3.4.3.8	28-10-00-206	General Visual Inspection of the Gravity Filler Cap
3.4.3.9	28-10-00-213	Visual Check of the Vent and Distribution Shroud Drains for Blockage and Leakage
3.4.3.10	29-10-00-201	Visual Check of the Filter Differential-Pressure Indicator
3.4.3.13	30-40-00-201	Functional Test of the Pilot Windshield Rain Repellent Layer
3.4.3.14	30-40-00-201	Functional Test of the Co-Pilot Windshield Rain Repellent Layer
3.4.3.15	31-41-00-202	Operational Test of the Audio Warning Control Panel
3.4.3.16	32-00-01-213	General Visual Inspection of the Main Landing Gear (MLG) Assembly
3.4.3.17	32-00-01-214	General Visual Inspection of the Nose Landing Gear (NLG) Assembly
3.4.3.18	32-40-00-205	Detailed Inspection of the Brake Wear Pins
3.4.3.19	71-12-00-203	General Visual Inspection of the Drains Mast and Channels
3.4.3.20	71-12-00-204	Operational Test of the Drains Mast and Channels
3.4.3.21	80-11-00-202	Detailed Inspection of the Drain-Plug Magnetic Chip-Detector
3.4.3.22	80-11-00-203	Discard of the Air Turbine Starter (ATS) Oil

3.4.4 2400 HOUR INSPECTION TASKS

3.4.4.1	21-30-00-205	Operational Test of the EMER DEPRESS Switch/Light
3.4.4.2	21-33-01-101	Operational Test of the Cabin Pressure Acquisition Module
3.4.4.3	21-50-00-201	Operational Test of the Ram-Air Shutoff Valve
3.4.4.4	24-20-00-201	Discard of the IDG Charge (Oil-In) Filter Element
3.4.4.5	24-20-00-202	Discard of the IDG Scavenge (Oil-Out) Filter Element
3.4.4.6	26-20-00-204	Functional Test of the Engine Fire Shutoff-Relay Circuitry
3.4.4.7	27-50-00-202	Detailed Inspection of the Flexible Drive Shaft Assembly
3.4.4.8	27-50-00-208	Functional Test of the Inboard and Outboard Flap Actuators
3.4.4.9	28-24-00-101	Operational Test of the Auxiliary Power Unit (APU) Fuel Feed Shutoff-Valve and Negative-G Shutoff-Valve for Internal Leaks
3.4.4.10	30-10-00-201	Functional Test of the Sensor Detection Circuit
3.4.4.12	52-10-00-201	Functional Test of the Passenger-Door Latch Mechanism
3.4.4.13	71-12-00-202	Detailed Inspection of the Core Blow-Out Doors
3.4.4.14	71-13-00-201	Detailed Inspection of the Thrust Reverser Slider Blocks
3.4.4.15	78-30-00-203	Lubrication of the Thrust-Reverser Flexshafts
3.4.4.16	78-30-00-204	Detailed Inspection of the Flexshaft Drive

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3.5 800 HOUR INSPECTION TASKS

3.5.2.1	21-20-00-201	Operational Test of the Pressure-Bulkhead Check Valves
3.5.2.2	21-20-00-202	Operational Test of the Low Speed Detector for the Avionics Exhaust Fan
3.5.2.3	21-51-00-301	Cleaning of the Water Separator
3.5.2.4	24-30-00-204	Operational Test of the DC Essential Bus
3.5.2.5	24-30-00-206	Operational Test of the DC Emergency Bus
3.5.2.6	27-10-00-204	Operational Test of the Aileron Antifloat Mechanism
3.5.2.7	27-13-04-101	Operational Test of the Roll Disconnect System
3.5.2.8	27-14-01-101	Functional Test of the Aileron Power Control Units (PCUs)
3.5.2.9	27-15-07-101	Detailed Inspection of the Aileron Flutter Damper
3.5.2.10	27-21-00-101	Functional Test of the Rudder Backlash
3.5.2.11	27-32-00-101	Operational Test of the Elevator Disconnect System
3.5.2.12	27-33-01-101	Functional Test of the Elevator Backlash
3.5.2.13	27-34-04-102	Detailed Inspection of the Elevator Flutter Dampers
3.5.2.14	27-35-00-201	Operational Test for the Single Channel of the Stall Protection Computer
3.5.2.15	27-35-00-202	Operational Test for the Dual Channel of the Stall Protection Computer
3.5.2.16	27-40-00-205	Operational Test of the Pitch Trim Switch
3.5.2.17	27-40-00-206	Operational Test of the Horizontal Stabilizer Trim System
3.5.2.18	27-50-00-201	Functional Test of the Asymmetry/Overspeed Detector and Brake Unit
3.5.2.19	27-50-00-207	Visual Check of the Inboard and Outboard Flap Actuators
3.5.2.20	30-81-00-201	Operational Test of the Ice Detection System
3.5.2.21	32-00-01-201	Functional Test of the Landing-Gear Emergency-Extension System
3.5.2.22	32-40-00-201	Functional Test of the Brake Accumulators
3.5.2.23	32-40-00-204	Lubrication of the Main Landing Gear (MLG) Brake Control-Valve Assembly
3.5.2.24	71-61-00-202	Lubrication of the Ballscrew-Actuators Support-Bushings
3.5.2.25	78-30-00-202	Lubrication of the Thrust-Reverser Ballscrew Actuators

3.6 6 MONTH COMPLETION TASKS

3.6.1.1	12-15-65-601	Sanitization of the Potable Water System
3.6.1.2	25-70-00-601	Detailed Inspection of the Aft Equipment Bay Storage Latches, Buckles and Straps
3.6.1.3	26-20-10-601	Detailed Inspection of Fwd Lavatory Self-Contained Automatic Fire Extinguisher Cylinder
3.6.1.4	26-20-10-601	Detailed Inspection of Aft Lavatory Self-Contained Automatic Fire Extinguisher Cylinder
3.6.1.5	38-10-65-601	Detailed Inspection of the Air Pressure Regulator
3.6.1.6	38-10-65-610	Operational Test of the Floor Mat Activated Solenoid Valve
3.6.1.7	41-027E017	Torque Setting Adjustment of the Electronic Flight Bag (EFB) Articulated Arm

3.7 12/36/48 MONTH & 100/400 HOUR COMPLETION TASKS

3.7.1 12 MONTH COMPLETION TASKS

3.7.1.1	11-30-65-601	General Visual Inspection of the Cabin Placards - Internal
3.7.1.2	23-12-00-710-801	Self Test HF Communication System
3.7.1.3	23-31-50-710-801	Operational Test of the PA System
3.7.1.4	24-52-65-602	Operational Test of the 230 VAC/50HZ Ground Fault Interrupters (GFI)
3.7.1.5	25-27-00-601	Detailed Inspection of the Cabin Tables
3.7.1.6	25-28-00-601	Detailed Inspection of the Cabin Doors and Curtains
3.7.1.7	25-29-00-601	Detailed Inspection of the Cabinets, Doors and Interior Drawers
3.7.1.8	25-30-00-601	Detailed Inspection of the Galley
3.7.1.9	25-30-65-601	General Visual Inspection of the Galley Waste Container
3.7.1.10	25-40-65-601	General Visual Inspection of the Lavatory Waste Container
3.7.1.11	25-43-00-601	Detailed Inspection of the Lavatory
3.7.1.12	262301-0901C	Functional (Weight) Check Cabin Portable Fire Extinguisher Bottle
3.7.1.13	262301-0902C	Functional (Weight) Check Cabin Portable Fire Extinguisher Bottle
3.7.1.14	33-24-65-601	Operational Check of the Ordinance Signs
3.7.1.15	35-23-65-605	General Visual Inspection of the Portable Oxygen Cylinder, Regulator and Mask
3.7.1.16	38-10-65-603	General Visual Inspection of the Water Distribution Lines
3.7.1.17	38-10-65-604	General Visual Inspection of the Water Tanks

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3.7.1.18	38-30-10-601	Operational Test Lavatory Toilet
3.7.1.19	41-027E131	Operational Test of the Jumpseat Inertia Reel
3.7.1.20	41-027E131-1	General Visual Inspection of the Passenger Seat Restraints and Divan Seat Restraints
3.7.1.21	41-027E131-10	Operational Test of the Passenger Oxygen System
3.7.1.22	41-027E131-11	Operational Test of the HE Therapeutic Oxygen System
3.7.1.23	41-027E131-12	Cleaning of the Passenger Oxygen Containers and Masks
3.7.1.24	41-027E131-15	Operational Test of the Emergency Lighting System
3.7.1.25	41-027E131-2	Detailed Visual Inspection of the Passenger Seats and the Divan
3.7.1.26	41-027E131-5	Visual Inspection of the First Aid Kit
3.7.1.27	41-027E131-7	General Visual Inspection of the Portable Fire Extinguisher Mounting Brackets
3.7.1.28	41-027E131-9	Detailed Visual Inspection of the Baggage Compartment Seals

3.7.2 36 MONTH COMPLETION TASKS

3.7.2.1	25-60-04-601	Restoration of the Portable Oxygen System Mask. Removed Portable Oxygen Mask P/N 10800A2F, S/N AG325 and Reinstalled Overhauled Portable Oxygen Mask P/N 10800A2F, S/N AG325. Overhauled by Ameron Global Product Support (O6UR165Y) Reference 8130-3 FTN WO#377258, Dated 19/JUL/2018.
3.7.2.2	335020-0901A	Functional Test Self-Illuminated Exit Sign
3.7.2.3	38-10-65-607	Functional Test of the Water Heater Pressure Relief Valve
3.7.2.4	41-027E131-13	Functional Test of the Passenger Oxygen System

3.7.3 48 MONTH COMPLETION TASKS

3.7.3.1	38-10-65-609	Restoration of the Water Filter Assembly (Replace Gasket Set)
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3.7.4 100 HOUR COMPLETION TASKS

3.7.4.1	38-10-00-603	Drain Condensation from the Air Filter
3.7.4.2	38-10-00-604	Drain Condensation from the Air Reservoir

3.7.5 400 HOUR COMPLETION TASKS

3.7.5.1	41-027E131-8	Functional Test of the Baggage Compartment Smoke Detection System
3.7.5.2	44-21-65-601	Operational Test of the Passenger Notification System

3.32 3 MONTH COMPLETION TASKS

3.32.1	41-027E131-3	General Visual Inspection of the Protective Breathing Equipment (PBE)
3.32.2	41-027E131-4	General Visual Inspection of the Smoke Hood

MISCELLANEOUS TASKS

3.9	256310-0901A	Divan Fwd Raft Restoration. Removed Fwd Life Raft P/N 1015FAUL-6K0-1-100, S/N 10UL-01477 and Reinstalled Overhauled Life Raft P/N 1015FAUL-6K0-1-100 S/N 10UL-01477. Overhauled by Winslow Services Inc. (WL7R957N) Reference 8130-3 FTN 19131, Dated 13/JUL/2018. ELT Exp: 07/2021. Next service due: 07/2021.
3.9	256310-0902A	Divan Aft Raft Restoration. Removed Aft Life Raft P/N 1015FAUL-6K0-1-100, S/N 10UL-01478 and Reinstalled Overhauled Aft Life Raft P/N 1015FAUL-6K0-1-100 S/N 10UL-01478. Overhauled by Winslow Services Inc. (WL7R957N) Reference 8130-3 FTN 19130, Dated 13/JUL/2018. ELT Exp: 06/2024. Next service due: 07/2021.
3.10	26-20-00-205	Functional Test (Weight Check) of Cockpit Portable Fire Extinguisher Bottle
3.11	26-20-10-602	Functional Test/Weight Test of Fwd Lavatory Self-Contained Automatic Fire Extinguisher Cylinder. Removed Forward Lavatory Automatic Fire Extinguisher Cylinder P/N 30100022-3, S/N 32266 and Installed New Fire Extinguisher P/N 30100022-3, S/N 34399.
3.12	30-40-00-301	Detailed Inspection of the Windshield/Side Window Aerodynamic Seal
3.13	34-00-ICA-9001	Detailed Visual Inspection of the Internal Doubler in Lower TCAS Antenna Area
3.14	34-00-ICA-9002	Detailed Visual Inspection of the External Side of the Skin Panel in Lower TCAS Antenna Area
3.15	35-00-00-201	Functional (Hydrostatic) Test of the Oxygen Cylinder Assembly. Removed Oxygen Cylinder Assembly P/N 806371-311, S/N C09030238-A with Regulator P/N 806370-12, S/N C08110665-A and Reinstalled Overhauled Oxygen Cylinder Assembly P/N 806371-311, S/N C09030238-A with Regulator P/N 806370-12, S/N C08110665-A IAW CL-605 AMM CH 35-11-01. Overhauled by Ameron Global Product Support (RU2R148L) Reference 8130-3 FTN 377422, Dated 16/JUL/2018.
3.15	35-00-00-210	Pressure Regulator Restoration
3.16	35-00-00-206	Restoration of the Pilot Oxygen Mask Regulator Assembly. P/N MC10-13-03, S/N 90183I. Removed Pilots Oxygen Mask Assembly P/N MC10-13-03, S/N 90183I and Installed Inspected/Tested O2

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Mask P/N MC10-13-03, S/N SE74553 IAW CL-6005 AMM 35-11-01. Inspected/Tested by AJW
Technique Inc (33-12) Reference Transport Canada Form One FTN WO67293, Dated 26/JUN/2018.
Detailed Inspection of the Side Window - 4 Bushing Holes

3.17 56-10-00-102

AIRWORTHINESS DIRECTIVES

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| 3.18 | AD 1974-08-09 R3 | Amendment 39-16951, Effective Date March 28, 2012 - Lavatory Waste Receptacle Inspection. Performed Paragraph (k) 1,000 hour repeat inspection of lavatory paper and linen waste receptacle enclosure access doors and disposal doors for proper operation, fit, sealing, and latching for the containment of possible trash fires. No defects noted. Next due in 1000 hours at 3322.2 hours. |
| 3.19 | AD 2016-20-09 | Amendment 39-18675, Effective January 9, 2017 - Detailed Inspection for Chafing Conditions of the APU Negative-G Fuel Feed Drain Line. Accomplished Paragraph (g) 3 by Performing Visual Inspection in Paragraph 2.B (PART A) of Bombardier SB 605-28-009 Basic Issue, Dated May 19/2015. No defects noted. No further action required. |
| 3.20 | AD 2017-22-06 | Amendment 39-19086, Effective November 30, 2017 - Engine and APU Electrical Fuel Pump Cartridge/Canister Fuel Leakage Inspections. Accomplished Paragraph (h)(1), (2), and (3) by Performing Paragraph 2.B of Bombardier SB 605-28-010, Basic Issue, Dated Oct 19/2015. No defects noted. The next inspection is due in 600 Hours at 2922.2 Flight Hours or 12 Months on 07/01/2019, whichever occurs first. |
| 3.28 | AD 2017-19-06 | Amendment 39-19036, Effective October 27, 2017 - Serialization of Main Landing Gear (MLG) Side-Brace Fitting-Shaft P/N 601R10237-1/-3. Accomplished Paragraph (h) Inspection, Serialization, and Recording of Life Limited Parts by Accomplishing Paragraph 2.B of SB 605-57-00, Basic Issue, Dated Sep 09/2014. LH and RH Side Brace Fitting Shafts have engraved serial numbers, No Further Action Required. The Installed Side Brace Fitting Shaft P/Ns and S/Ns are: LH P/N 601R10237-3, S/N HD1040 and RH P/N 601R10237-3, S/N HD1091. The current cycles on both side brace fitting shafts is 1312. No further action required. |

SERVICE BULLETINS

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| 3.21 | SB 605-28-009 | Special Check/Modification - Auxiliary Power Unit (APU) Fuel-Feed System - Possible Chafing of the APU Negative-G Fuel-Feed Drain Line. Complied with paragraph 2.B (PART A). No defects noted. No further actions required. |
| 3.22 | SB 605-28-010 R2 | Special Check - Standby Fuel Feed System and Auxiliary Power Unit (APU) Fuel Feed System - Engine and APU Electrical Fuel Pump Cartridge/Canister Fuel Leakage. Performed Paragraph 2.B (Part A). Repetitive Inspection due in 600 flight hours at 2922.2 hours or 12 months on 08/01/2019, whichever comes first. |
| 3.23 | SB 605-29-006 R2 | Modification - Hydraulic System No. 3 - Relocation of the Hydraulic System No. 3 Accumulator. Removed hydraulic Accumulator P/N 11094-4, S/N 11094-3053 from R/H wheel well. Installed kit No. 605K29-006 to relocate the No. 3 hydraulic accumulator from the right hand wheel well to under the left hand aft wing to fuselage fairing IAW with drawing No. K604-75209. Weight and balance + 2.9 pounds, + 2460 pound-inches. No change to electrical load data. No further action required. |
| 3.24 | SB 605-32-006 R2 | Special Check/Modification - Extension and Retraction, Main Gear - Inspection and Replacement if Necessary of the Side Stay Actuator Split Ball Bearing. Accomplished paragraph 2.B Part A - Special Check. The installed side stay actuators are N/A to this SB by S/N per table 2 of this SB. The installed P/Ns and S/Ns are: LH P/N 19010-105 S/N 01027, RH P/N 19010-105 S/N 00980. No further action required. |
| 3.25 | SB 605-33-005 R2 | Modification - Floodlighting Panel - Cockpit Floodlight Gasket Installation to Prevent Water Ingress. Accomplished Paragraph 2.B using kit P/N 605K33-005. No further action required. |
| 3.26 | SB 605-53-003 | Special Check - Inspection and Torque, if Required, of the Bolts Attaching the Floor Beam Assembly Installed Over the Fwd and Aft Auxiliary Fuel Tanks. Accomplished Paragraph 2.B. by Visually Inspecting the Floor Grid Fasteners. All Fasteners found to be properly installed with no gaps under the washers. No further action required. |
| 3.27 | SB 605-53-004 R1 | Modification - Floors - Inspection of Seat Tracks for Corrosion. Accomplished Paragraph 2.C. Part B and Paragraph 2.D. Part C by Accomplishing a Visual Inspection of the Seat Tracks for corrosion. No defects noted. Applied finish to the seat tracks IAW Part B and Part C. No further action required. |
| 3.29 | SB 605-57-003 | Special Check/Rework - Attachment Fittings - Serialization of Main Landing Gear (MLG) Side-Brace Fitting-Shaft P/N 601R10237-1/-3. Accomplished Paragraph 2.B Shaft Inspection and Serialization. LH and RH Side Brace Fitting Shafts have engraved serial numbers, No Further Action Required. The installed Side Brace Fitting Shaft P/Ns and S/Ns are: LH P/N 601R10237-3, S/N HD1040 and RH P/N 601R10237-3, S/N HD1091. The current cycles on both Side-Brace Fitting Shafts is 1312. No further action required. |

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MAINTENANCE

- 4.1 Install customer supplied potable water tank. Removed Potable Water Tank and Installed New Customer Supplied Tank P/N 29749PS with original water level sensors from the removed tank IAW Bombardier SPM 20-30-00.
- 4.3 Install customer supplied wing anti-ice Thermal Switch. Removed R/H Wing Outboard Standby Thermal Switch P/N 600-59122-21 and Installed New Customer Supplied Standby Thermal Switch P/N 600-59122-21 IAW CL-605 AMM 30-12-16.
- 4.3 Install customer supplied wing anti-ice temperature sensors. Removed Two R/H Wing Outboard Temperature Sensors P/N 624384-2, S/N 121C-4301 and P/N 624384-2, S/N 121C-4300 and Installed Two New Customer Supplied Outboard Temperature Sensors P/N 624384-2, S/N 087C-05057 & P/N 624384-2, S/N 087C-05059 IAW CL-605 AMM 30-12-13.
- 4.6 No. 1 Main Tire Change & Wheel Overhaul. Removed No. 1 MLG Wheel Assembly P/N 5012373, S/N DEC96-0288 with Tire P/N 027-697-0, S/N 6322R00236 and Reinstalled Overhauled No. 1 MLG Wheel Assembly P/N 5012373, S/N DEC96-0288 with New Tire P/N 027-697-0, S/N 7326R00262 IAW CL 605 AMM 32-41-01. Overhauled by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-4.6.2, Dated 27/JUL/2018.
- 4.7 No. 2 Main Tire Change & Wheel Overhaul. Removed No. 2 MLG Wheel Assembly P/N 5012373, S/N APR10-3226 with Tire P/N 027-697-0, S/N 6342R00150 and Reinstalled Overhauled No. 2 MLG Wheel Assembly P/N 5012373, S/N APR10-3226 with New Tire P/N 027-697-0, S/N 7313R00024 IAW CL 605 AMM 32-41-01. Overhauled by West Star Aviation (WTXR173J) Reference 8130-3 FTN 45426-4.7.2, Dated 27/JUL/2018.
- 4.8 LH and RH MLG Trunnion bushings are corroded/pitted. Removed L/H and R/H forward MLG bushings and Cleaned both trunnion bores. Accomplished eddy current inspection of the forward MLG attach bushing bores. Installed 4 new forward bushings, reamed bushings to size, and edge sealed IAW Bombardier drawing No. G600-574013, Kit MLG Trunnion Repair.
- 4.9 Removed RH Uplock Hook P/N 601R85001-11, S/N 08SM00092 and Installed New Uplock Hook P/N 601R85001-11, S/N NGL/0076/97 IAW CL-605 AMM 32-32-04.
- 4.22 Spoiler Manifold in the LH MLG Wheel Well has evidence of leaking. Found Check Valve to be cracked where the line connects. Removed Spoiler Manifold Check Valve and Installed New Spoiler Manifold Check Valve P/N 1C3306, S/N 11709 IAW CL-605 AMM 27-69-00.
- 4.27 LH and RH landing light lenses are heavily clouded. Removed LH landing light lens P/N 601R12109, S/N UNK and installed new lens P/N 601R12109, S/N 17237H4969 IAW CL-605 SRM 51-42-08. Removed, Cleaned, and reinstalled RH Landing Light Lens due to No Parts Available.
- 4.42 LH Exhaust Nozzle Fire Loop is chaffed. Removed LH Exhaust Nozzle Fire Loop P/N 744-12047, S/N 093201 and Installed New LH Exhaust Nozzle Fire Loop P/N 744-12047, S/N 181402 IAW CL-605 AMM 26-11-04.
- 4.46 No. 1 Engine Hydraulic Pump is leaking. Removed No. 1 Engine Driven Hydraulic Pump P/N 601R75113-5, S/N MX732136 and Installed Overhauled Engine Driven Hydraulic Pump P/N 601R75113-5, S/N MX711730 IAW CL-605 AMM 29-11-01. Overhauled by Eaton Aerospace LLC (EF4R152M) Reference 8130-3 FTN C181774, Dated 22/OCT/2014.
- 4.47 No. 2 Engine Hydraulic Pump is leaking. Removed No. 2 Engine Driven Hydraulic Pump P/N 601R75113-5, S/N MX750417 and Installed Overhauled Engine Driven Hydraulic Pump P/N 601R75113-5, S/N MX675507 IAW CL-605 AMM 29-11-01. Overhauled by Eaton Aerospace LLC (EF4R152M) Reference 8130-3 FTN C254743, Dated 28/NOV/2017.
- 4.68 Replace RH VOR Antenna. Removed RH VOR Antenna P/N S65-247170-7, S/N 180-5143 and Installed New Antenna P/N S65-247170-7, S/N 180-12995 with new gasket P/N AG867000-19 IAW CL-605 AMM 34-51-07.

I certify that this aircraft has been inspected as required by 14CFR §91.409 (f) (3), and has been determined to be in an airworthy condition and is approved for return to service with regards to the work performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been provided to the operator.

Signature


STEVE SMITH
WEST STAR AVIATION
796 Heritage Way
Grand Junction, CO 81506 (970) 243-7500

FAA CERTIFIED REPAIR STATION
WTXR173J

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Inspections and maintenance were accomplished using Challenger 605 Maintenance Manual Rev 46 and TLMC/MPD Rev 18.

WO ITEM CODE SUBJECT

13.1 36/48/96 MONTH AVIONICS INSPECTION

13.1.4 36 MONTH AVIONICS INSPECTION

13.1.4.1 23-71-00-203 Operational Test of the Cockpit Voice Recorder (CVR) Underwater Locating Device (ULD)
13.1.4.2 31-31-00-202 Operational Test of the Digital Flight Data Recorder (FDR) Underwater Locating Device (ULD)

13.1.5 48 MONTH AVIONICS INSPECTION

13.1.5.1 34-12-00-203 Functional Test of the Integrated Standby Instrument

13.1.6 96 MONTH AVIONICS INSPECTION

13.1.6.1 31-31-00-203 Functional Test of the Flight Data Recorder (FDR) Dedicated Sensors (A/C 5463 and Subs, Post SB 604-31-010)
13.1.6.2 31-31-00-204 Functional Test of the Flight Data Recorder (FDR) Force Sensors (A/C 5551 and Subs, Post SB 604-31-014)

13.2.2 2400 HOUR AVIONICS INSPECTION

13.2.2.1 31-41-00-203 Operational Test of the Electronic Flight Instrument System (EFIS)

MISCELLANEOUS TASK

13.3 25-60-00-201 Operational Test of the Emergency Locator Transmitter (ELT) System. Battery EXP Date OCT 2021.
13.4 25-60-00-203 Detailed Inspection of the Emergency Locator Transmitter (ELT) Battery. Battery EXP date OCT 2021.

AIRWORTHINESS DIRECTIVE

13.5 AD 2018-06-06 Amendment 39-19226, Effective April 19, 2018 - Modification of the Yaw Damper Control System. Accomplished paragraph (g)(2) by completing SB 605-22-002 R1 Part A. The actuators installed in this aircraft are P/N 622-9968-102. No further action required.

SERVICE BULLETINS


13.6 SB 605-22-002 R1 Special Check/Modification - Automatic Flight Control System (AFCS) Wiring Change to Prevent Un-Commanded Yaw Damper/Linear Actuator Motion After Power Supply Failure. Performed Paragraph 2.A, Part A. The actuators installed in this aircraft are P/N 622-9968-102. No further action is required.

MAINTENANCE

13.1.3 Customer-Supplied NAV Database Update. Exp 15/AUG/2018
13.13 No. 1 PFD display blanked out. Removed No. 1 PFD Display AFD-5220E P/N 822-1917-207, S/N 3HC8R and Installed Overhauled PFD P/N 822-1917-207, S/N 41FXN1 IAW CL-604 AMM 31-61-00. Overhauled by Rockwell Collins France (FR.145.0121) Reference EASA Form 1 FTN 105559937, Dated 26/JUL/2018.
13.14 Remove Right Pack Switch from Aircraft for installation on N858CV. Removed RH Pack Switch P/N 33978-007 and Installed New PACK Switch P/N 33978-007 IAW CL605 AMM 21-00-00.

I certify that this aircraft has been inspected as required by 14CFR §91.409 (f) (3), and has been determined to be in an airworthy condition and is approved for return to service with regards to the work performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been provided to the operator.

Signature


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FAA CERTIFIED REPAIR STATION
WTXR173J