

INSPECTION / MAINTENANCE RECORD

FAA CRS EC3R470L

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MODEL: GV-SP (G550)

ACTT: 3,053.9

SERIAL NO.: 5070

ACTL: 1,022

TAIL NO.: HB-JEP

DATE BEGUN: January 2, 2011

WORK ORDER NO.: SC9403

DATE COMPLETED: January 7, 2011

THE FOLLOWING ITEMS WERE ACCOMPLISHED AT GULFSTREAM AEROSPACE CORPORATION, LONG BEACH, CA. UNDER THE ABOVE WORK ORDER NUMBER:

1. Accomplished the following Gulfstream Aerospace Corporation **Customer Bulletins (C.B's)**:
 - a) C.B. No. 88A *'Fire Protection (ATA 26), Inspection - Baggage Compartment Below Floor - Overheat Thermal Switch'*
 - b) C.B. No. 103 *'Fuselage (ATA 53), Inspection - Fasteners at Fuselage Station 63, Left and Right Butt Line 19'*
 - c) C.B. No. 107 *'Landing Gear (ATA 32) Inspection - Door Control Valve Hydraulic Lines'*
2. Accomplished the following Rolls-Royce Deutschland **Service Bulletins (SB's)**:
 - a) SB-BR700-72-900455 **Rev. 5** Part A *'Engine - Low Pressure (LP) Compressor Blades - Visual Inspection of the LP Compressor Annulus Fillers'*
 - b) SB-BR700-72-900455 **Rev. 5** Part B *'Engine - Low Pressure (LP) Compressor Blades - Eddy Current Inspection of the LP Compressor Annulus Fillers'*
 - c) SB-BR700-78-900350 *'Exhaust-Thrust Reverser Unit (TRU) - Inspection of the Spherical Bearing of the Primary Door Lock Actuator (PDLA) and Cleaning of the S-Hook Assembly. Non Modification'*

3. Accomplished the following Gulfstream Aerospace Corporation **500 Hrs CMP** codes:

CMP CODE	DESCRIPTION
493402	APU FUEL FILTER BYPASS INDICATOR-INSPECTION
494002	APU Starter - Detailed Inspection
498001	APU EXHAUST DUCT (INT)-INSPECT

CMP CODE	DESCRIPTION
887397	BR700-72-900455 Visual Insp - LP Compressor Annulus Fillers (Part A)
887398	BR700-72-900455 Eddy Current- LP Compressor Annulus Fillers (Part B)

CMP CODE	DESCRIPTION
897397	BR700-72-900455 Visual Insp - LP Compressor Annulus Fillers (Part A)
897398	BR700-72-900455 Eddy Current- LP Compressor Annulus Fillers (Part B)

4. Accomplished the following Gulfstream Aerospace Corporation **500 Hrs./12 Mos. CMP** codes:

CMP CODE	DESCRIPTION
242111	Integrated Drive Generator (Left) - Detailed Inspection
242112	Integrated Drive Generator (Right) - Detailed Inspection
242115	Integrated Drive Generator (Left) - Servicing
242116	Integrated Drive Generator (Right) - Servicing
275019	Flap Actuator Travel Nut (Left) - Lubrication
275020	Flap Actuator Travel Nut (Right) - Lubrication
281407	Gravity Water / Fuel Drain Valve (Left) - Operational Test

CMP CODE	DESCRIPTION
281408	Gravity Water / Fuel Drain Valve (Right) - Operational Test
292501	Auxiliary Hydraulic Pump Manifold Differential Pressure Indicator - Detailed Inspection
292502	Power Transfer Unit Manifold Differential Pressure Indicator - Detailed Inspection
315001	Central Warning System (Including Audio) - Operational Test
321801	Main Landing Gear Door Hinges (Left) - Lubrication
321802	Main Landing Gear Door Hinges (Right) - Lubrication

CMP CODE	DESCRIPTION
321803	Main Landing Gear and Doors (Left) - Zonal Inspection
321804	Main Landing Gear and Doors (Right) - Zonal Inspection
322801	Nose Landing Gear Door Hinges - Lubrication
322802	Nose Landing Gear and Doors - Zonal Inspection
324305	Brake Wear Indicator (Left Outboard) - Detailed Inspection
324306	Brake Wear Indicator (Left Inboard) - Detailed Inspection
324307	Brake Wear Indicator (Right Inboard) - Detailed Inspection

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CMP CODE	DESCRIPTION
324308	Brake Wear Indicator (Right Outboard) - Detailed Inspection
325201	Nose Wheel Steering Unit - Lubrication
325202	Nose Wheel Steering Collar Assembly / Slave Gear - Lubrication
334050	Navigation (Position) Light Lens - Detailed Inspection
531012	Exterior Radome Fairing Installation - Detailed Inspection
531014	EVS Sapphire Window Installation - Detailed Inspection
531015	Nose Gear Wheel Well FS 44 - FS 119 - Zonal Inspection
531045	Main Gear Wheel Well FS 576 - FS 632 (Left) - Zonal Inspection

CMP CODE	DESCRIPTION
531046	Main Gear Wheel Well FS 576 - FS 632 (Right) - Zonal Inspection
531047	Main Gear Wheel Well FS 576-FS 632 (Left) - Enhanced Zonal Inspection
531048	Main Gear Wheel Well FS 576-FS 632 (Right) - Enhanced Zonal Inspection
723101	Low-pressure Compressor (Fan) Blades - Detailed Inspection
723102	Low-pressure Compressor (Fan) Blades - Detailed Inspection
723103	Low-pressure Compressor (Fan) Annulus Fillers - Detailed Inspection
723104	Low-pressure Compressor (Fan) Annulus Fillers - Detailed Inspection

CMP CODE	DESCRIPTION
783337	PRIMARY LOCK ACTUATOR AND MECHANISM - DETAILED
783338	PRIMARY LOCK ACTUATOR AND MECHANISM (RIGHT) - DETAILED
790011	Engine Chip Detectors - Inspection
790012	Engine Chip Detectors - Inspection
793001	Oil Filter Differential Pressure Indicator - Detailed Inspection
793002	Oil Filter Differential Pressure Indicator - Detailed Inspection
887850	SB BR700-78-900350 Thrust Reverser Unit-Inspection of Spherical Bearing
897850	BR700-78-900350 - Primary Door Lock Actuator - Insp (Right)

5. Accomplished the following Gulfstream Aerospace Corporation **1 Mo.** CMP codes:

CMP CODE	DESCRIPTION
256404	DEFIB Battery Check/Inspection

CMP CODE	DESCRIPTION
256407	DEFIB ELECTRODE PADS INSP

6. Accomplished the following Gulfstream Aerospace Corporation **4 Mos.** CMP codes:

CMP CODE	DESCRIPTION
321005	Main Landing Gear (Left) - Lubrication

CMP CODE	DESCRIPTION
321006	Main Landing Gear (Right) - Lubrication

CMP CODE	DESCRIPTION
322004	Nose Landing Gear - Lubrication

7. Accomplished the following Gulfstream Aerospace Corporation **12 Mos.** CMP codes:

CMP CODE	DESCRIPTION
237004	COCKPIT VOICE RECORDER-OPS TS
240121	Emergency Battery Power System (Left) - Operational Test
240122	Emergency Battery Power System (Right) - Operational Test
240123	Emergency Battery Power System (Forward) - Operational Test
240124	Emergency Battery Power System (Aft) - Operational Test

CMP CODE	DESCRIPTION
256017	Fire / Crash Axe - Inspection
256043	First Aid / Medical Kit (No. 1) - Detailed Inspection
256045	First Aid and Medical Kit Time Limited Supplies - Discard
256071	Flashlight (No. 1) - Operational Check
256201	Life Vests - Detailed Inspection
256202	Life Raft (No.1) - Detailed Inspection

CMP CODE	DESCRIPTION
256203	Life Raft (No.2) - Detailed Inspection
256306	Emergency Locator Transmitter - Operational Test (FAR 91.207)
262560	Aft Lav Trash Receptacle - Detail Inspection
262561	FWD Lav Trash Receptacle - Detail Inspection
262563	Trash Receptacle Fire Extinguishing Nozzles and Integrity of Trash Receptacle (Forward Galley / Annex) - Detailed Inspection

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CMP CODE	DESCRIPTION
262601	Portable Halon Fire Ext (Cockpit) - Inspect
262602	Portable Halon Fire Ext (Cockpit) - Weight Ck
262611	Portable Halon Fire Ext (Fwd Cabin) - Inspect
262612	Portable Halon Fire Ext (Fwd Cabin) - Weight Ck

CMP CODE	DESCRIPTION
262631	Portable Halon Fire Ext (Aft Lav) - Inspect
262632	Portable Halon Fire Ext (Aft Lav) - Weight Ck
335020	Cabin Emergency Lighting - Operational Test
353002	Portable Oxygen Bottle and Mask Assembly (No. 1) - Detailed Inspection

CMP CODE	DESCRIPTION
382003	Water Sterilizer Filter - Discard
521010	Main Entrance Door - Lubrication
523005	Baggage Compartment Door - Lubrication
525001	Aux Pressure Bulkhead Door Seal - Detailed Insp

8. Accomplished the following Gulfstream Aerospace Corporation 24 Mos. CMP codes:

CMP CODE	DESCRIPTION
240106	Emergency Battery- Battery Level Test/BITE (Left)
240107	Emergency Battery- Battery Level Test/BITE (Right)
240108	Emergency Battery- Battery Level Test/BITE (Forward)
240109	Emergency Battery- Battery Level Test/BITE (Aft)
242005	STBY ELECTRICAL PWR SYS-OPS CK
243011	BATTERY, MAIN L/H--OPS/CAP CK
243012	BATTERY, MAIN R/H--OPS/CAP CK
251006	Crew Seats Inertia Reel (Pilot) - Operational Test
251007	Crew Seats Inertia Reel (Copilot) - Operational Test
251008	Crew Seats Inertia Reel (Observer) - Operational Test
251016	Crew Seat Restraints (Pilot) - Detailed Inspection
251017	Crew Seat Restraints (Copilot) - Detailed Inspection
251018	Crew Seat Restraints (Observer) - Detailed Inspection
252102	Passenger Seats Restraints - Detailed Inspection
252104	Passenger Seats Inertia Reels - Operational Test
256205	Life Vests - Restore
261302	CIRCUIT, APU FIRE SHUTDOWN-OP

CMP CODE	DESCRIPTION
262122	LH ENG FIRE EXT CIRCUIT - INTEGRITY TEST
262123	RH ENG FIRE EXT CIRCUIT - INTEGRITY TEST
262124	ENG FIRE BOTTLE PRESS SW,L-OPS
262125	ENG FIRE BOTTLE PRESS SW,R-OPS
262126	APU FIRE EXT CIRCUIT - INTEGRITY TEST
271011	AIL/TRIM CABLES(MWW/WING)-INSP
272108	Rudder Control and Trim Cables in Main Wheel Well / Tail Compartment - Detailed Inspection
273100	ELEV/TRIM CABLE(MWW/TAIL)-INSP
276105	SPEEDBRAKE CABLE(MWW/WING)INSP
282606	DUAL WALL FUEL LINE,L ENG-INSP
282607	DUAL WALL FUEL LINE,R ENG-INSP
282608	DUAL WALL FUEL LINE, APU-INSP
282609	LINE, L ENG FUEL HEAT RTN - DI
282610	LINE, R ENG FUEL HEAT RTN - DI
282629	VALVE, L ENG FUEL S/O--OPS CK
282630	VALVE, R ENG FUEL S/O--OPS CK

CMP CODE	DESCRIPTION
291501	HYD SYS S/O CONT, L-OPS TEST
291502	HYD SYS S/O CONT, R-OPS TEST
321221	GEAR, L MAIN CIC RE-APPLY
321222	GEAR, R MAIN CIC RE-APPLY
322220	Nose Landing Gear Corrosion Inhibiting Compound Reapplication
342715	Integrated SFD/Magnetometer - Calibration Check
381300	Supply Line Motor Drain Valve - Operational Test
381301	Drain Line Motor Drain Valve - Operational Test
491005	APU Enclosure FS 767 - FS 797 - Zonal Inspection
491301	APU Compartment Drains - Operational Test
491302	APU Turbine Plenum Drain - Operational Test
523003	Baggage Compartment Door Seal - Detailed Inspection
523004	Baggage Compartment Door Seal Air Supply Moisture Drain Orifice - Detailed Inspection
523008	Baggage Door Seal Check Valve - Operational Test
527001	Cabin Secondary Handle Lock Switch - Inspect
530201	RVSM Radome Structure Step - Detailed Inspection

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CMP CODE	DESCRIPTION
531005	External Lower Fuselage (Viewed from Ground) - Zonal Insp
531055	Aft Cabin Below Floor FS 632 - FS 684 - Zonal Inspection
531060	Baggage Compartment Below Floor FS 684 - FS 758 - Zonal Inspection
531065	External Upper Fuselage (Viewed from Ground) - Zonal Insp
531080	Left Electronic Equipment Rack FS 141-166 - Zonal Insp
531081	Right Electronic Equipment Rack FS 147-181 - Zonal Insp

CMP CODE	DESCRIPTION
531082	Right, Electronic Equipment Rack FS 147-181 (Enhanced Zonal Inspection)
531085	Ext Aft Fuselage/Emppennage (from Ground) - Zonal Inspection
531095	Aft Fuselage Above Floor FS 758 - FS 974 - Zonal Insp
570009	Wing Lower Surface (Left) - Zonal Inspection
570010	Wing Lower Surface (Right) - Zonal Inspection
570015	Left Wing Extension BL 542 - 545 (from Ground) - Zonal Insp
570016	Right Wing Extension BL 542 - 545 (from Ground) - Zonal Insp

CMP CODE	DESCRIPTION
574015	Left Wing Leading Edge External - Zonal Inspection
574016	Right Wing Leading Edge External - Zonal Inspection
575001	Left Wing Trailing Edge - Zonal Inspection
575002	Wing Trailing Edge (Right) - Zonal Inspection
575003	Left Wing Rear Beam - Zonal Inspection
575004	Right Wing Rear Beam - Zonal Inspection
711301	Powerplant / Nacelle External (View From Ground) - Zonal Inspection
711302	Powerplant / Nacelle External (View From Ground) - Zonal Inspection

9. Accomplished the following Gulfstream Aerospace Corporation **36 Mos.** CMP codes:

CMP CODE	DESCRIPTION
353004	Portable Oxygen Bottle No. 1 - Operational Test

CMP CODE	DESCRIPTION
353016	Portable Oxygen Mask (No. 1) - Restore

10. Accomplished the following Gulfstream Aerospace Corporation **72 Mos.** CMP codes:

CMP CODE	DESCRIPTION
237020	Cockpit Voice Recorder Impact Switch - Operational Test

11. Accomplished the following Gulfstream Aerospace Corporation **Misc.** CMP codes:

CMP CODE	DESCRIPTION
242109	L Integrated Drive Generator - Oil Level Check
242110	R Integrated Drive Generator - Oil Level Check
242123	Integrated Drive Generator (Left) - Oil System Filling
242126	Integrated Drive Generator (Right) - Oil System Filling
243001	Left Main Battery - Removal / Installation
243002	Right Main Battery - Removal / Installation
256211	Life Vest (No. 1)

CMP CODE	DESCRIPTION
256212	Life Vest (No. 2)
256213	Life Vest (No. 3)
256214	Life Vest (No. 4)
256215	Life Vest (No. 5)
256216	Life Vest (No. 6)
256217	Life Vest (No. 7)
256218	Life Vest (No. 8)

CMP CODE	DESCRIPTION
256219	Life Vest (No. 9)
256220	Life Vest (No. 10)
256221	Life Vest (No. 11)
256222	Life Vest (No. 12)
256223	Life Vest (No. 13)
256250	Life Vest (Pilot)
256251	Life Vest (Copilot)

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CMP CODE	DESCRIPTION
256252	Life Vest (Observer)
256260	Life Raft (No. 1)
256261	Life Raft (No. 2)
256281	Oxycrew Personal Breathing Equipment (No. 1)
256284	Oxycrew Personal Breathing Equipment (No. 2)
256301	Transmitter, Emergency Locator (ELT)
256311	Emergency Locator Transmitter - Functional Test
262600	Extinguisher, Portable Halon Fire (Cockpit)
262610	Extinguisher, Portable Halon Fire (Fwd Cabin)
262630	Extinguisher, Portable Halon Fire (Aft Lav)
346001	Multifunction Control Display Unit No. 1 - Removal / Installation
353001	Bottle, Portable Oxygen (No. 1)
382002	Filter, Water Sterilizer - Discard
523001	Door, Baggage Compartment
710017	Engine Run Leak Check Test 2A - LP Fuel System / Oil System
710018	Engine Run Leak Check Test 2A - LP Fuel System / Oil System
710021	Engine Test 3A (Left) - Thrust Reverser Check
710022	Engine Test 3A (Right) - Thrust Reverser Check
723015	PLATE, ENG LP SEALING INSP
723016	PLATE, ENG LP SEALING INSP
723805	Low-pressure Compressor (Fan) Annulus Filler No. 1 - Removal / Installation
723806	Low-pressure Compressor (Fan) Annulus Filler No. 2 - Removal / Installation

CMP CODE	DESCRIPTION
723807	Low-pressure Compressor (Fan) Annulus Filler No. 3 - Removal / Installation
723808	Low-pressure Compressor (Fan) Annulus Filler No. 4 - Removal / Installation
723809	Low-pressure Compressor (Fan) Annulus Filler No. 5 - Removal / Installation
723810	Low-pressure Compressor (Fan) Annulus Filler No. 6 - Removal / Installation
723811	Low-pressure Compressor (Fan) Annulus Filler No. 7 - Removal / Installation
723812	Low-pressure Compressor (Fan) Annulus Filler No. 8 - Removal / Installation
723813	Low-pressure Compressor (Fan) Annulus Filler No. 9 - Removal / Installation
723814	Low-pressure Compressor (Fan) Annulus Filler No. 10 - Removal / Installation
723815	Low-pressure Compressor (Fan) Annulus Filler No. 11 - Removal / Installation
723816	Low-pressure Compressor (Fan) Annulus Filler No. 12 - Removal / Installation
723817	Low-pressure Compressor (Fan) Annulus Filler No. 13 - Removal / Installation
723818	Low-pressure Compressor (Fan) Annulus Filler No. 14 - Removal / Installation
723819	Low-pressure Compressor (Fan) Annulus Filler No. 15 - Removal / Installation
723820	Low-pressure Compressor (Fan) Annulus Filler No. 16 - Removal / Installation
723821	Low-pressure Compressor (Fan) Annulus Filler No. 17 - Removal / Installation
723822	Low-pressure Compressor (Fan) Annulus Filler No. 18 - Removal / Installation
723823	Low-pressure Compressor (Fan) Annulus Filler No. 19 - Removal / Installation

CMP CODE	DESCRIPTION
723824	Low-pressure Compressor (Fan) Annulus Filler No. 20 - Removal / Installation
723825	Low-pressure Compressor (Fan) Annulus Filler No. 21 - Removal / Installation
723826	Low-pressure Compressor (Fan) Annulus Filler No. 22 - Removal / Installation
723827	Low-pressure Compressor (Fan) Annulus Filler No. 23 - Removal / Installation
723828	Low-pressure Compressor (Fan) Annulus Filler No. 24 - Removal / Installation
723829	Low-pressure Compressor (Fan) Annulus Filler No. 1 - Removal / Installation
723830	Low-pressure Compressor (Fan) Annulus Filler No. 2 - Removal / Installation
723831	Low-pressure Compressor (Fan) Annulus Filler No. 3 - Removal / Installation
723832	Low-pressure Compressor (Fan) Annulus Filler No. 4 - Removal / Installation
723833	Low-pressure Compressor (Fan) Annulus Filler No. 5 - Removal / Installation
723834	Low-pressure Compressor (Fan) Annulus Filler No. 6 - Removal / Installation
723835	Low-pressure Compressor (Fan) Annulus Filler No. 7 - Removal / Installation
723836	Low-pressure Compressor (Fan) Annulus Filler No. 8 - Removal / Installation
723837	Low-pressure Compressor (Fan) Annulus Filler No. 9 - Removal / Installation
723838	Low-pressure Compressor (Fan) Annulus Filler No. 10 - Removal / Installation
723839	Low-pressure Compressor (Fan) Annulus Filler No. 11 - Removal / Installation
723840	Low-pressure Compressor (Fan) Annulus Filler No. 12 - Removal / Installation

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CMP CODE	DESCRIPTION
723841	Low-pressure Compressor (Fan) Annulus Filler No. 13 - Removal / Installation
723842	Low-pressure Compressor (Fan) Annulus Filler No. 14 - Removal / Installation
723843	Low-pressure Compressor (Fan) Annulus Filler No. 15 - Removal / Installation
723844	Low-pressure Compressor (Fan) Annulus Filler No. 16 - Removal / Installation
723845	Low-pressure Compressor (Fan) Annulus Filler No. 17 - Removal / Installation
723846	Low-pressure Compressor (Fan) Annulus Filler No. 18 - Removal / Installation
723847	Low-pressure Compressor (Fan) Annulus Filler No. 19 - Removal / Installation

CMP CODE	DESCRIPTION
723848	Low-pressure Compressor (Fan) Annulus Filler No. 20 - Removal / Installation
723849	Low-pressure Compressor (Fan) Annulus Filler No. 21 - Removal / Installation
723850	Low-pressure Compressor (Fan) Annulus Filler No. 22 - Removal / Installation
723851	Low-pressure Compressor (Fan) Annulus Filler No. 23 - Removal / Installation
723852	Low-pressure Compressor (Fan) Annulus Filler No. 24 - Removal / Installation
790015	Engine Fwd Bearing Chamber Magnetic Chip Detector - Removal / Installation
790016	Engine Fwd Bearing Chamber Magnetic Chip Detector - Removal / Installation

CMP CODE	DESCRIPTION
790017	Engine Aft Bearing Chamber Magnetic Chip Detector - Removal / Installation
790018	Engine Aft Bearing Chamber Magnetic Chip Detector - Removal / Installation
790019	Engine Accessory Gear Box Magnetic Chip Detector - Removal / Installation
790020	Engine Accessory Gear Box Magnetic Chip Detector - Removal / Installation
980881	CB 88A Baggage Compartment Below Floor - Overheat Thermal Switch
981030	CB 103 Inspection - Fasteners at Fuselage Station 63, Left and Right Butt Line 19
981070	CB 107 Inspection - Door Control Valve Hydraulic Lines

12. As outlined in FAR 91.207 (c) (2), the expiration date for replacing (or recharging) the Emergency Locator Transmitter battery is December 2013. Complied with Service and functional checks I/A/W CMP 256306 as required by FAR 91.207 (d).
13. Accomplished minor adjustments / repairs to the cabin passenger interior as listed on the above work order number.
14. Major components or accessories were replaced / installed / repaired / modified as indicated in the Replacement of Accessories and Major Components dated January 7, 2011.
15. Operational and leak checks satisfactory.
16. Gulfstream Aerospace Corporation FAA repair station EC3R470L certifies that the work specified, except as otherwise specified, was carried out in accordance with current regulations and in respect to that work the aircraft is considered ready for release to service.

Name: Morris Luis
 Printed

Signature: *Morris A. Luis*
 F.A.A. Repair Station EC3R470L
 EASA.145.4502