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Aviation Accident Investigator

Date: November 13, 2024

Subject: Review and organization of maintenance records into a summary format. (48 Months)

Date	AF/Eng/Hot/Power	Inspection Type	Total Time	Engine Total Time	General Synopsis
June 1, 2020	AF	Annual	4071.8		Inspections, dent repair in exhaust stacks new flap torque assembly .Replaced new fuel pressure switch.
June 1, 2020	Eng: Hot	100 hr.	4071.8	4071.8	100 hr. inspection: Cleaned fuel nozzles, pattern flow and replaced air filter.
June 1, 2020	Propeller	Prop Inspection	4071.8	4071.8	Propeller cleaned serviced and inspected.
August 11, 2020	Propeller	Prop Inspection	4203.3	4203.3	Propeller cleaned serviced and inspected.
February 23, 2021	AF	Repair work	4282.7		Dent removal
May 26, 2021	Propeller	Prop Inspection			Disassembly, cleaned and visually inspected, repaired, resealed and tested.
June 10, 2021	AF	Annual	4367.5		New cable cutter new tail spring
June 10, 2021	Eng: Hot	100 hr.	4367.5	4367.5	100 hr. inspection: Cleaned fuel nozzles, pattern flow and replaced air filter. Removed igniters, cleaned and replaced. Lube linkage, engine ground run.
June 10, 2021	Eng: Power Section	100 Hr/Annual	4367.5	4367.5	Removed fuel nozzles and checked. New O-rings, oil filters, fuel pump and fuel outlet filters checked. Inspected starter gen brushes, R&R igniters, Chip detector, removed and inspected.
June 10, 2021	Propeller	Prop Inspection	4367.5	4367.5	Propeller cleaned serviced and inspected.
June 28, 2021	Eng: Hot	100 hr.	4457	4457	100 hr. inspection: R&R filters, inspections, igniters ops checked and installed. Chip detector, Filter change, lube control linkage, engine ground run, leak check.
June 28, 2021	Eng: Power Section	100 Hr.	4457	4457	New air filter, oil change, fuel pump filters inspected and installed or replaced. Removed and reinstalled igniters. Engine ground run and leak tested.
June 28, 2021	Propeller	Prop Inspection			Propeller cleaned serviced and inspected. Lubricated blade clamps
August 16, 2021	AF	Installation	4630.8		Single point fueling install
August 16, 2021		100 hr.	4630.8	4630.8	100 hr. inspection: R&R filters, inspections, igniters ops checked and installed. Chip detector, Filter change, lube control linkage, engine ground run, leak check.
August 16, 2021	Eng: Power Section	100 Hr.	4360.8	4360.8	Oil change, fuel pump filters inspected and reinstalled or replaced. Removed and reinstalled igniters. Chip detector inspected and reinstalled, lubed control linkage. Engine ground run and leak tested.
August 16, 2021	Propeller	Prop Inspection	4630.8	4630.8	Propeller inspected and serviced
October 7, 2021	AF	Installation	4708.8		Install elevator factory square edge
February 17, 2022	Eng: Hot	100 Hr.	4801.2	4801.2	100 Hr. inspection. Compressor blades checked, fuel pumps and filters checked. New filters, R&R fuel nozzles exchanged. Boroscope engine.
June 28, 2022	AF	Annual	4965.8		Inspection, install flap couplers, tail wheel tube, elevator balance cable, rudder cables, support brackets and lubrication.
June 28, 2022	Eng: Hot	100 /300 Hr.	4965.8	4965.8	Removed fuel nozzles, cleaned and reinstalled, R&R low pressure fuel pump and installed overhauled unit. R&R fuel pump and FCU overhauled and reinstalled. Removed starter generator / overhauled. Removed and replaced filters, chip detector reinstalled, lubrication of control linkage, cleaned air inlet, engine run and ground leak test.
June 28, 2022	Eng: Power Section	100/300 Hr.	4965.8	4965.8	Removed fuel nozzles, cleaned and reinstalled, R&R low pressure fuel pump and installed overhauled unit. R&R fuel pump and FCU overhauled and reinstalled. Removed starter generator / overhauled. Removed and replaced filters, chip detector reinstalled, lubrication of control linkage, cleaned air inlet, engine run and ground leak test.
September 15, 2022	AF	Installation	5208		Install STC throttle lever quad.
May 19, 2023	Eng: Hot	100/300 Hr.	5419.9	5419.9	100/300 hr. inspection: R&R filters, inspections, igniters ops checked and installed. Chip detector, Filter change, lube control linkage, engine ground run, leak check.
May 19, 2023	Eng: Power Section	100/300 Hr.	5419.9	5419.9	Removed and replaced 3 new New beta block assy. Inspected batteries, Lubed linkages Reinstallation of AF fuel filter, R&R starter generator with overhauled unit. fuel nozzles and checked. New O-rings, oil filters, fuel pump and fuel outlet filters checked. Inspected starter gen brushes, R&R igniters, Chip detector, removed and inspected.
July 15, 2023	Eng: Hot	100 Hr.	5588.1	5588.1	Inspected 1st stage compressor blades, chip detector, firewall, fuel pumps. Greased and inspected propeller.
July 15, 2023	Propeller	Prop Inspection			Propeller inspected and serviced
August 30, 2023	Eng: Power Section	100 Hr.	5760.1	5760.1	Inspected 1st stage compressor blades. Installed new fuel pump outlet filter, Greased and inspected propeller assy. Ground run for leak checked. Add AD's complied with.
August 30, 2023	Propeller	Prop Inspection	5760.1	5760.1	Propeller inspected and serviced
December 5, 2023	Eng: Hot	100 Hr.	5837.2	5837.2	Inspected 1st stage compressor blades, chip detector, firewall, fuel pumps. Greased and inspected propeller. Replaced compression shroud. Inspected outer combustion liner because it was burnt and out of limits. Cleaned and functionally tested fuel nozzles. Inspected propeller. All AD's checked for compliance.
December 5, 2023	Propeller	Prop Inspection	5837.2	5837.2	Propeller inspected and serviced
May 25, 2024	AF		5948.9		Annual and install of various components, cables and AD compliance. Life limit check of applicable parts, R&R starter generator with overhauled unit. Replaced trim bearings, bushings and hardware. New flap drive coupling.
Unk/Date blocked	AF	Annual/100/200/300 insp	5285.4		4 wheel bearings replaced
Unk/Date blocked.	AF	Annual	5419.9		Inspection and install rudder cables and pulleys. New bearings, non skid, repair broken wires, elevator hinge bearings, serviced wheel bearings. Engine ground run and leak check. AW signed off.