

DATE 8/01/2023

N31PB

S/N:54321

ACFT T.T. 4616.6

Eng TT:4449.1

Maintenance Completed

Removed and Replaced all 4 upper PCL Bearings P/N:406-310-405-103 and the #2,#3,#4 and #5 Tail Driveshaft Disc Pack Couplings P/N:407-340-340-103. Greased bearings with ThixoSyn.

All work accomplished has been in accordance with Bell 407GX Maintenance Manuals and current FAA regulations.

Mark Davis

[Redacted Signature]



A Textron Company

PO BOX 482 - FORT WORTH, TEXAS 76101

HELICOPTER LOG

OWNER _____

REGISTRATION NO. _____

MODEL _____

MFGR'S SERIAL _____

25 HR. INSP. DUE

100 HR. INSP. DUE

DATE		TAKEOFF HR. MIN.		LAND HR. MIN.		4611.9 FLT TIME BRGT. FWD HR. MIN.	NATURE OF FLIGHT AND LOCATION	6267 HELICOPTER LOG	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE
7-14-23				0	8	4612	7	MAXTRAY 1/6268	
7-15-23				0	7	4613	4	GALMAN 1/6269	
7-16-23				1	2	4614	6	GALMAN 1/6270	
7-19-23				0	8	4615	4	MAXTRAY 1/6271	
7-20-23				0	6	4616	0	GALMAN 1/6272	
8-1-23								MAXTRAY 2/6274	
TOTAL FLIGHT TIME									

DATE		GROUND TIME HR. MIN.		AIR TIME HR. MIN.		4444.4 # 1 ENG TIME BRGT. FWD HR. MIN.	# 2 ENG TIME BRGT. FWD HR. MIN.	START CYCLES # 1 # 2	ENGINE LOG	# 1 ENGINE SERIAL NO. _____	# 2 ENGINE SERIAL NO. _____	SIGNATURE
7-14-23				0	8	4445	2	1	6165			
7-15-23				0	7	4445	9	1	6166			
7-16-23				1	2	4447	1	1	6167			
7-19-23				0	8	4447	9	1	6168			
7-20-23				0	6	4448	5	1	6169			
8-1-23								2	6171			
TOTAL ENGINE TIME												

DATE 6/28/2023

N31PB

S/N:54321

ACFT T.T. 4601.9

Eng TT:4434.4

Inspections Completed

50 Hr/3Mo. Lube 150 Hr Eng 300 Hr /12 Mo. Eng 300Hr./3 Mo. Lube 300 Hr/12 Mo. IBF Insp. 50 Hr Air Comm A/C
100Hr/12 Mo. AirComm A/C 12 Mo. TGB Oil 12 Mo. Transmission Oil and Filter 100 Hr/ Yoke 150 Hr T/R D/S Spline Lube
12 Mo. Airframe 100 Hr/3 Mo. SX-16 300 Hr/6 Mo SX-16 600Hr/12 Mo. Spectrolab SX-16 12 Mo. Air Comm Bleed Air
300 Hr A/F Fuel Filter 300Hr/12 Mo. Hydraulic Oil & Filter 600Hr/12 Mo. Engine Oil and CEFA 100 Hr/12 Mo. IBF
12 Mo. Air Comm Heater 24 Mo. Airframe 300 Hr/12 Mo. IBF 1200Hr/24 Mo. SX-16 1200Hr/24 Mo Airframe

AD's Completed

AD 2018-10-06 Tail D/S Segment Torque Check Next Due TT:4739.4
AD 2004-10-07 Hanger Bearing Lube and Insp. Next Due TT:4739.4
SB 407-300-1 Driveshaft Mounted A/C Pulley Next Due TT:4589.4

Maintenance Completed

Removed and Replaced TGB Output Seal, Removed and Replaced 2ea. Swashplate Drive Link Bushings. Removed and Replaced Starter Relay p/n:SM20ACD300A21 serviced Transmission and TGB with Aeroshell 555. Serviced swashplate and main rotor head and pitch change mechanism with Mobil 28 grease.
Replaced XSMN Oil Filter p/n: 047546-17. Replaced Airframe Fuel Filter p/n:1743645-02. Replaced engine CEFA Oil Filter p/n:23066697. Ground Run and Leak Check Good.

All work accomplished has been in accordance with Rolls Royce 250-C47B Maintenance Manuals, Bell 407GX Maintenance Manuals, Instructions for Continued Airworthiness and current FAA regulations.

I certify that this aircraft has been inspected IAW an Annual Inspection and was found to be in an airworthy condition.

Mark Davis [Signature] A

DATE 12/02/2022

N31PB

S/N:54321

ACFT T.T.:4521.6

Eng TT: 4354.1

Inspections Completed

50 Hr/3Mo. Lube 300Hr/3Mo. Lube 12Mo. Mast insp 600Hr/ 12Mo. Insp 300Hr TGB Oil Change

Maintenance Completed

Removed and Replaced Mast Seal Assy. P/N:407-340-005-101. Removed and Replaced TGB Input Seal Assy. P/N:427-342-412-101. Removed and Replaced one upper H-Link Bushing on both link Assy. P/N:40-310-406-101. Removed and Replaced Ignitor Relay and Starter Relay for Fadec Degraded. Serviced swashplate and main rotor head, TDS Hanger Bearings and pitch change mechanism with Mobil 28 grease.

All work accomplished has been in accordance with Rolls Royce 250-C47B Maintenance Manuals, Bell 407GX Maintenance Manuals, Instructions for Continued Airworthiness and current FAA regulations.

Mark Davis A&P

DATE 10/12/2022

N31PB

S/N:54321

ACFT T.T.:4505.5

Eng TT: 4338.0

Inspections Completed

50 Hr/3Mo. Lube 50 Hr Air Comm A/C WP1

Maintenance Completed

Serviced swashplate and main rotor head, TDS Hanger Bearings and pitch change mechanism with Mobil 28 grease.

All work accomplished has been in accordance with Rolls Royce 250-C47B Maintenance Manuals, Bell 407GX Maintenance Manuals, Instructions for Continued Airworthiness and current FAA regulations.

Mark Davis A&P

REGISTRATION
UNITED STATES
TRANSPORTATION
FEDERAL AERONAUTICS
ADMINISTRATION

N31PB
MANUFACTURED BY
TEXTRON CORPORATION
5064267

WILMINGTON, DELAWARE

TON SC 294

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States of America
December 7
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, 2018
1, 2028

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