



HELICOPTER LOG

Forwarded TO Helicopter Log Record Sheet S/N: _____



AIRCRAFT INFORMATION

1. NATIONALITY AND REGISTRATION	<u>N407JF</u>
2. MANUFACTURER	<u>Bell Textron Canada Limited</u>
3. MODEL	<u>407</u>
4. SERIAL NUMBER	<u>56439</u>
5. TYPE CERTIFICAT NUMBER	<u>H-92 – H2SW</u>
6. FUEL - CAPACITY USABLE	<u>483.7 Liters – 127.8 US Gallons</u>
- GRADE	<u>Jet A, A-1, B – JP-4, -5, -8</u>
- AUX. FUEL TANK	<u>556 Liters – 146.9 US Gallons</u>
7. OIL - CAPACITY	<u>5.21 Liters – 5.5 US Quarts</u>
- GRADE - ENGINE	<u>MIL-PRF-23699</u>
- GEARBOX	<u>DOD-PRF-85734</u>
8. HYDRAULIC FLUID SPECIFICATIONS	<u>MIL-PRF-5606</u>
9. AUTHORIZED MAXIMUM GROSS WEIGHT	- INTERNAL <u>2268 Kg. – 5000 Lbs.</u>
	- EXTERNAL <u>2724 Kg. – 6000 Lbs.</u>
INCREASED GROSS WEIGHT	<u>2381 Kg. – 5250 Lbs.</u>
10. DATE OF MANUFACTURE	<u>March 2025</u>
11. MAINTENANCE SCHEDULE	<u>CARs STD 625 App. B, Part 1 & App. C / FAR91.409(F)(3)</u>
12. AIRFRAME SCHEDULE / SPECIAL INSPECTION	<u>Schedule</u>
	<u>Commercial Designation is Bell 407GX</u>



HELICOPTER LOG & TECHNICAL LOG

1. All entries are to be made in accordance with the requirements of the Civil Air Authority of Registry.
2. All ADs, ASBs, TBs, SIs and engine installation accomplished shall be entered on their appropriate pages. The first log after manufacture shall contain records to date.
3. When a procedure is approved by the Civil Air Authority of Registry the Maintenance Deferred Discrepancy page shall be utilized for discrepancies that do not affect the airworthiness of the helicopter and shall be corrected at a later date.
4. A separate entry shall be made for each flight or series of flights.
5. The completion of columns 1 through 14 of the Helicopter Log Record Sheet (form BHTCM 201.10) constitutes a flight entry; columns 15 through 25 shall be completed each time a new page is used; and columns 26 and 27 shall be completed as required by the engine maintenance requirements.
 - a) For the engine cycle definition and calculation, refer to the engine manufacturer maintenance documentation. Specific cycles, such as the 2½ minute rating (excursion) shall be documented in the Operation and Maintenance section.
 - b) The entry in the "Landing" block shall be equal to the number of takeoffs.
 - c) Columns 13 and 24 may be used to record an event requiring calculation, such as autorotation, run on landing, etc.
Enter an abbreviated title of the event in the blank header of the column.
 - d) Torque events include lifts and takeoffs. Refer to the Airworthiness Limitation Schedule in the BHT Maintenance Manual, chapter 4, for a description of the Retirement Index Number (RIN) and its calculation.
6. Particulars of any discrepancy shall be entered in column 28, during or on completion of the flight on which the discrepancy occurred or as soon as practicable after the discrepancy is discovered but prior to the next flight, by the person discovering the discrepancy.
7. A signature in column 29 and in the Maintenance Deferred Discrepancies, page 7 of this log, accompanied by a license number and/or Company Approval Number, constitutes the following maintenance release. "The described maintenance has been performed in accordance with the applicable airworthiness requirements". No copy of the Helicopter Record Sheet may be removed unless all discrepancies have been rectified and the Maintenance Release signed by an authorized person.
8. A copy or the original of pages 3, 4, 5, 6, 7, 8 and 9, and each helicopter record sheets shall be kept as part of the Helicopter Technical Record.

NOTICE

THIS IS A UNIVERSAL LOG BOOK: THEREFORE, YOU MAY FIND SOME OF THE INFORMATION REQUIRED NOT APPLICABLE TO YOUR HELICOPTER. PLEASE COMPLETE ONLY THE PERTINENT SECTIONS.



RECORD OF ENGINE INSTALLATION

Page 6

MODEL: 407

REGISTRATION: N407JF

SERIAL NUMBER: 56439

DATE	ENGINE MAKE & MODEL	SERIAL NUMBER	POSITION	DATE INSTALLED	DATE REMOVED	REMARKS REASON FOR CHANGE	SIGNATURE	LICENSE # and/or APPROVAL #
MAR 3 1 2025	Rolls-Royce 250-C47E/4	CAE-854345		FEB 12, 2025				M.O.T.CO.-APPR. 1-86
								M.O.T.CO.-APPR. 1-86

RECORD OF AIRFRAME MODIFICATIONS

DATE	MOD'S, STC, KITS, ETC	DETAILS OF WORK PERFORMED	SIGNATURE	LICENSE NUMBER AND/OR APPROVAL NUMBER



MAINTENANCE DEFERRED DISCREPANCIES

The purpose of this form is to retain a record of discrepancies that do not affect the airworthiness but for various reasons cannot be corrected immediately.

		LICENSE AND/OR APPROVAL NUMBER / SIGNATURE / DATE
1	DATE AND DISCREPANCY	
	ACTION TAKEN	
2	DATE AND DISCREPANCY	
	ACTION TAKEN	
3	DATE AND DISCREPANCY	
	ACTION TAKEN	
4	DATE AND DISCREPANCY	
	ACTION TAKEN	
5	DATE AND DISCREPANCY	
	ACTION TAKEN	
6	DATE AND DISCREPANCY	
	ACTION TAKEN	
7	DATE AND DISCREPANCY	
	ACTION TAKEN	
8	DATE AND DISCREPANCY	
	ACTION TAKEN	
9	DATE AND DISCREPANCY	
	ACTION TAKEN	



HELICOPTER LOG RECORD SHEET

MODEL 407		S/N 56439		REGISTRATION N407JF					
TOTAL AIR TIME & CYCLES BROUGHT FORWARD FROM BHTC PRODUCTION FLIGHT LOG	AIRCRAFT HOURS	ENGINE 1 HOURS	ENGINE 2 HOURS	ENGINE STARTS		LANDING	TORQUE EVENTS	LANDING GEAR EXTENTION	
	5.6	5.6		1 20	2	46	46	Norm	Emerg
MAGNETIC DIRECTION INDICATOR									
COMPASS SWING CO-PILOT		DATE: _____		COMPASS SWING PILOT		DATE: FEB 17, 2025			
TO FLY	STEER	TO FLY	STEER	TO FLY	STEER	TO FLY	STEER		
000		180		000	000	180	180		
030		210		030	029	210	210		
060		240		060	059	240	240		
090		270		090	089	270	270		
120		300		120	119	300	300		
150		330		150	150	330	330		
CARRIED OUT AS PER REQUIREMENTS OF THE CANADIAN AVIATION REGULATION 625, APP. "C" (9)									
EQUIPMENT	SERIAL NUMBER	TEST DATE			TESTED IN ACCORDANCE WITH:				
AIR DATA COMPUTER (ADC)	4AY100651	AUG 08, 2024	TO 2000 FT		FAR 91-411, PART 43, APP. "E" AND CAR STANDARD 571, APP. "B" (b)				
AIR DATA COMPUTER (ADC)			TO FT						
AIR DATA SENSOR			TO FT						
AIR DATA SENSOR			TO FT						
ENCODING ALTIMETER			TO FT						
ALTIMETER STANDBY	A24-10042	DEC 10, 2024	TO 2000 FT						
ALTIMETER			TO FT		FAR 91-413, PART 43, APP. "F" AND CAR STANDARD 571, APP. "F"				
TRANSPONDER	3EH031293	DEC 18, 2024							
AIR DATA SENSOR FOR (FDR)			TO FT						
EMERGENCY (ELT) LOCATOR TRANSMITTER	252-09055	DEC 10, 2024	BATTERY DUE DATE: SEP 30 2029		FAR 91-207 AND CAR STANDARD 571, APP. "G"				
STATIC SYSTEM TEST DATE: FEB 14, 2025					FAR 91-411, PART 43, APP. "E" AND CAR STANDARD 571, APP. "B" (a)				
FLIGHT AND ENGINE CONTROLS HAVE BEEN RIGGED IN ACCORDANCE WITH MAINTENANCE MANUAL: 407AA									
REFER TO W & B.: _____ DATED: MAR 26 2025 FOR EMPTY CENTER OF GRAVITY AND EMPTY WEIGHT									
I HEREBY CERTIFY THE ROTORCRAFT IDENTIFIED HEREON HAS BEEN MANUFACTURED AND / OR ASSEMBLED UNDER MY GENERAL SUPERVISION; THAT IT CONFORMS IN ALL RESPECTS TO THE TYPE CERTIFICATE; THAT ALL MATERIALS AND COMPONENTS ENTERING INTO ITS CONSTRUCTION CONFORM TO THE RELEVANT SPECIFICATIONS; THAT IT HAS BEEN CORRECTLY ASSEMBLED, TESTED AND FLOWN AND THAT IT IS AIRWORTHY.									
SIGNATURE: 			M.O.T. CO.-APPR. 1-86		DATE: MAR 31 2025				



N407JF S/N 56439 W/O 56439 ACTT: 11.8
ENG: 11.8 CYCLES: 24 RUN ON LANDINGS: 0 LANDINGS: 52 TQ EVENTS: 52

8 APR 2025

Performed the following:

- Disassembled & reassembled aircraft as necessary to facilitate maintenance.

Performed the following inspections:

- 1 month handheld fire extinguisher inspection per NFPA 10 document.
- Visual Corrosion Control Inspection per Bell Textron Inc. – Piney Flats Policy.

Performed the following checks:

- 10 to 15 hour torque of AAI Flitestep Kit Fasteners per AAI Report No. AA-95090.
- 10 to 25 hour T/R gearbox torque checks. Torques stabilized.
- 10 to 25 hour T/R driveshaft disc pack couplings torque check. Torques stabilized.
- 10 to 25 hour swashplate tilt friction check. Adjusted to be within limits.

Performed the following lubrication & servicing requirements:

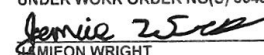
- 50 hour/3 month lubrication of swashplate bearing with Mobil 28.
- 50 hour/3 month lubrication of pitch change link bearing with Aeriol ThixO Syn.
- 300 hour/3 month lubrication of T/R pitch change mechanism with Mobil 28.

NOTE: 10 – 25 hour swashplate tilt friction check due at ACTT: 21.8 – 36.8.

All work performed per Bell's 407 & Rolls Royce's C47E/4 Maintenance Manuals unless stated otherwise. Pertinent details of the work performed are on file at this agency under work order no. 56439. This aircraft is approved for return to service to conduct flight tests for completion of work performed.

--- END ---

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE ABOVE LISTED INSPECTIONS & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE INSPECTION & REPAIR WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO(S) 56439.


JAMIEON WRIGHT
INSPECTOR FOR
BELL TEXTRON INC.
PINEY FLATS, TN
FAA REPAIR STATION FKFR930D

N407JF S/N 56439 W/O 56439 ACTT: 12.9
ENG: 12.9 CYCLES: 33 RUN ON LANDINGS: 0 LANDINGS: 60 TQ EVENTS: 60

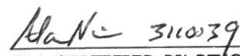
14 APR 2025

NOTE: 10 – 25 hour swashplate tilt friction check due at ACTT: 21.8 – 36.8.

Adjusted M/R track and balance to within limits. All work performed per Bell's 407 & Rolls Royce's C47E/4 Maintenance Manuals unless stated otherwise. Pertinent details of the work performed are on file at this agency under work order no. 56439. This aircraft is approved for return to service for completion of work performed.


JAMIEON WRIGHT
INSPECTOR FOR
BELL TEXTRON, INC.
PINEY FLATS, TN
FAA REPAIR STATION FKFR930D

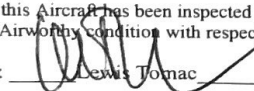
DATE 14 APRIL 2025 ACTT 12.9 S/N 56439
PERFORMED MAINTENANCE TEST FLIGHTS TO CONDUCT REQUIRED OPERATIONAL CHECKS OF MAINTENANCE/ALTERATIONS PERFORMED AND FOUND NO APPRECIABLE CHANGES TO THE FLIGHT CHARACTERISTICS AND NO SUBSTANTIAL EFFECTS TO THE SAFE OPERATION OF THE AIRCRAFT IN ACCORDANCE WITH FAR 91.407(B).


FAA CERTIFIED PILOT/CERTIFICATE NUMBER

Model: Bell 407 S/N: 56439 Reg: N407JF
ACTT: 19.1 Lands: 67

PERFORMED THE FOLLOWING MAINTENANCE:
10 – 25 Hour swashplate tilt friction check. Torque stabilized.

I certify this aircraft has been inspected Per FAR 91.409 (f) (3), in accordance with the above inspection items, was determined, to be in Airworthy condition with respect to the work performed and is approved for return to service.

Signed:  Lewis Tomac A&P No. 3461558 Date: 04/16/2025



HELICOPTER LOG RECORD SHEET

130702

MODEL	407	S/N	54439	REGISTRATION	N407JF
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JOURNEY		CREW	RECORD OF TIME		CYCLES								SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENG 1	START ENG 2	LANDING	TORQUE EVENT	HOIST OPER	GEAR MAL EXT.	GEAR MAL EXT.		PILOT & LICENSE NO.
	TOTAL BROUGHT FORWARD →			11.8									
14 APR	89TN	NIESEN	1.1	12.9	9	→	9	9					ALN-311039
15 APR	89TN	NIESEN	0.5	13.4	1	-	2	2					ALN-311039
4/14	89TN - KCGT	Sage	2.8	16.2	2		2	2					4214051
4/15	KCGT - KHAO	Sage	2.9	19.1	2		2	2					}
4/15	KHAO - KTOX	Sage	1.5	21.6	1		1	1					
4/15	KTOX - KTOX	Sage	0.2	21.8	1		1	1					
4/17	KTOX - KTOX	Sage	0.8	22.6	1		4	4					
TOTAL AIRTIME SINCE MANUFACTURE →													← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(17) ENGINE STARTS		(18) ENGINE O.E.I.		EVENTS					
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24)
TOTALS BROUGHT FORWARD	11.8	—	24	—	—	—	52	52	—	—	—	—
TOTALS FOR THIS PAGE	10.8		17				17	17				
ACCUMULATE TOTALS	22.6		41				69	69				

NEXT SCHEDULED INSPECTION DUE	(25)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSP. DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
(26) ENG. 1						
(27) ENG. 2						

OPERATION AND MAINTENANCE RECORD
Enter any abnormal occurrence, defect, and all maintenance performed

(28)	FLIGHT DISCREPANCIES	REMARKS	(29)	LICENCE # AND / OR COMPANY APPROVAL # SIGNATURE/DATE
1	ACTION TAKEN			
2	ACTION TAKEN			
3	ACTION TAKEN			
4	ACTION TAKEN			

HELICOPTER LOG RECORD SHEET

130703

MODEL 407	S/N 56439	REGISTRATION 4073F
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JOURNEY		CREW	RECORD OF TIME		CYCLES								SIGNATURE
(1) DATE	(2) POINT OF DEPARTURE AND DESTINATION	(3) NAMES	(4) AIR TIME	(5) TOTAL AIR TIME SINCE MANUFACTURE	(6) START ENG 1	(7) START ENG 2	(8) LANDING	(9) TORQUE EVENT	(10) HOIST OPER	(11) NORMAL EXT.	(12) GEAR EXT.	(13) GEAR EXT.	(14) PILOT & LICENSE NO.
	TOTAL BROUGHT FORWARD →			22.6									4214051
4/18	RTAK-RTAK	Gres	0.8	23.4	1		4						
4/23	RTAK-RTAK	GTA	2.4	25.8	1		10						
4/24	RTAK-RTAK	GTA	2.6	28.4	1		10						
4/25	RTAK-RTAK	GTA	1.6	30.0	1		2						
4/25	RTAK-RTAK	John	0.6	30.6	1		1						
4/28	RTAK-RTAK	GTA	2.5	33.1	1		6						
4/2		GTA	2.6	35.7	1		10					2	
TOTAL AIRTIME SINCE MANUFACTURE →													← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(17) ENGINE STARTS		(18) ENGINE O.E.I.		EVENTS					
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24) TOTAL
TOTALS BROUGHT FORWARD	22.6		41				69	69				2
TOTALS FOR THIS PAGE	13.1		7				43	43				0
ACCUMULATE TOTALS	35.7		48				112	112				2

NEXT SCHEDULED INSPECTION DUE	(25)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSP. DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
(26) ENG. 1						
(27) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed

(28) FLIGHT DISCREPANCIES	REMARKS	(29) LICENCE # AND / OR COMPANY APPROVAL # SIGNATURE/DATE
1	ACTION TAKEN	
2	ACTION TAKEN	
3	ACTION TAKEN	
4	ACTION TAKEN	



HELICOPTER LOG RECORD SHEET

130704

MODEL 407 S/N 56439 REGISTRATION 4075F

JOURNEY		CREW		RECORD OF TIME		CYCLES										SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE	STOP ENGINE	LANDING	TOTAL	HOIST	REAR	FRONT	REAR	FRONT	REAR	FRONT	PILOT & LICENSE NO.
4/26	TOTAL BROUGHT FORWARD →			35.7												4214051
4/30	KTAK-KTAK	Gray	0.5	36.2	1		1	1								
5/1	KTAK-KTAK	Gray	3.4	39.6	2		4	4								
5/1	KTAK-KTAK	Gray	0.7	40.3	1		1	1								
5/5	KTAK-DCOT	Saah	1.8	42.1	1		1	1								
5/16	DCOT-KTAK	Saah	2.3	44.4	5		5	5								
5/17	KTAK-KTAK	John	1.6	46.0	1		4	4								
5/18	KTAK-KTAK	Gray	1.1	47.1	1		1	1								
TOTAL AIRTIME SINCE MANUFACTURE →																← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(17) ENGINE STARTS		(18) ENGINE O.E.I.		EVENTS						
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24)	
TOTALS BROUGHT FORWARD	35.7		48				112	112				2	
TOTALS FOR THIS PAGE	11.4		12				17	17					
ACCUMULATE TOTALS	47.1		60				129	129					

NEXT SCHEDULED INSPECTION DUE (25)		POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(26) ENG. 1						

Century Helicopters Inc. PNR125N W.O.# 13292 Log Entry - 5/16/25
Reg# N407JF Tach Time 42.1 Total Time 42.1 Engine(1) 250-C47E/4 Se.No. TEMP9166356 Hrs 42.1 Cycles 53

Complied with the following engine inspections/maintenance:

Disc#
2D-50hr engine oil contamination inspection. No defects noted. IAW RR 250-C47E/4 Ops & MM/Chptr.72-00-00/Pg.622/Item 14
2E-Inspected fuel screen filter. No defects noted. IAW RR 250-C47E/4 Ops & MM and CEB 73-7002/Rev.3

Complied with the following component inspections/maintenance:

Disc#
2F-Removed pitch cyclic servo p/n: 206-076-062-127, s/n: HR5890. Installed new servo p/n: 206-076-062-127, s/n: HR6007. IAW DMC-407-A-29-10-00-11A-720A

Complied with the following lubrications and servicing requirements:

Disc#
1B-50hr/3minth swashplate bearing inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
1C-50hr/3minth pitch link bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

Complied with the following aircraft inspections/maintenance:

Disc#
2B-10-25hr swashplate tilt friction check. No movement noted. IAW DMC-407-A-05-40-00-00A-283A-A
2C-General visual inspection and torque check major components on M/R head. IAW BHT-407-CR&O/Para.62-28

Balanced M/R to within manufacturers limitations
Ground run and ops check good.

Brian Berry/PNR125N



HELICOPTER LOG RECORD SHEET

130704

MODEL 407		S/N 56439			REGISTRATION 4075F									
JOURNEY		CREW	RECORD OF TIME		CYCLES								SIGNATURE	
(1) DATE	(2) POINT OF DEPARTURE AND DESTINATION	(3) NAMES	(4) AIR TIME	(5) TOTAL AIR TIME SINCE MANUFACTURE	(6) START ENG 1	(7) START ENG 2	(8) LANDING	(9) TOWROPE EVENT	(10) HOIST OPER	(11) NORMAL EXT	(12) GEAR EXT.	(13) ROL	(14) PILOT & LICENSE NO.	
4/29	TOTAL BROUGHT FORWARD →			35.7									4214051	
4/30	KTAK-KTAK	Greg	0.5	36.2	1		1	1					}	
5/1	KTAK-KTAK	Greg	3.4	39.6	2		4	4						
5/1	KTAK-KTAK	Greg	0.7	40.3	1		1	1						
5/5	KTAK-DC07	Sam	1.8	42.1	1		1	1						
5/16	DC07-KTAK	Sam	2.3	44.4	5		5	5						
5/17	KTAK-KTAK	John	1.6	46.0	1		4	4						
5/18	KTAK-KTAK	Greg	1.1	47.1	1		1	1					✓	
TOTAL AIRTIME SINCE MANUFACTURE →													← TOTAL	

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(17) ENGINE STARTS		(18) ENGINE O.E.I.		EVENTS					
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24) ROL
TOTALS BROUGHT FORWARD	35.7		48				112	112				2
TOTALS FOR THIS PAGE	11.4		12				17	17				
ACCUMULATE TOTALS	47.1		60				129	129				

NEXT SCHEDULED INSPECTION DUE	(25)	POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(26) ENG. 1						

Century Helicopters Inc. PN5R125N W.O.# 13292 Log Entry - 5/16/25
Reg# N407JF Tach Time 42.1 Total Time 42.1 Engine(1) 250-C47E/4 Se.No. TEMP9166356 Hrs 42.1 Cycles 53

Complied with the following engine inspections/maintenance:

Disc#

- 2D-50hr engine oil contamination inspection. No defects noted. IAW RR 250-C47E/4 Ops & MM/Chptr.72-00-00/Pg.622/Item 14
- 2E-Inspected fuel screen filter. No defects noted. IAW RR 250-C47E/4 Ops & MM and CEB 73-7002/Rev.3

Complied with the following component inspections/maintenance:

Disc#

- 2F-Removed pitch cyclic servo p/n: 206-076-062-127, s/n: HR5890. Installed new servo p/n: 206-076-062-127, s/n: HR6007. IAW DMC-407-A-29-10-00-11A-720A-A

Complied with the following lubrications and servicing requirements:

Disc#

- 1B-50hr/3mnth swashplate bearing inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 1C-50hr/3mnth pitch link bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

Complied with the following aircraft inspections/maintenance:

Disc#

- 2B-10-25hr swashplate tilt friction check. No movement noted. IAW DMC-407-A-05-40-00-00A-283A-A
- 2C-General visual inspection and torque check major components on M/R head. IAW BHT-407-CR&O/Para.62-28

Balanced M/R to within manufacturers limitations

Ground run and ops check good.

Brian Berry/PN5R125N

Model: Bell 407 S/N: 56439 Reg: N407JF

ACTT: 63.0 Landings: 203

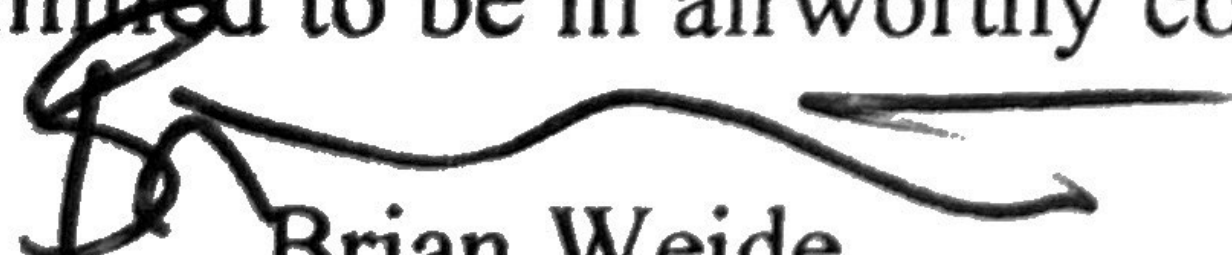
Engine: M250-C47E/4 S/N: CAE-854345

ETT: 63.0 Engine Starts: 70

PERFORMED THE FOLLOWING MAINTENANCE:

Installed New Engine oil filter PN: M250-10386 and reset DPI

I certify this Engine has been repaired and inspected in accordance with the current Federal Aviation Regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service

Signed:  Brian Weide A&P No. 3411328 Date: 06/10/2025

Century Helicopters Inc. PN5R125N W.O.# 13292 Log Entry - 5/16/25

Reg# N407JF Tach Time 42.1 Total Time 42.1 Engine(1) 250-C47E/4 Se.No. TEMP9166356 Hrs 42.1 Cycles 53

Complied with the following engine inspections/maintenance:

Disc#

2D-50hr engine oil contamination inspection. No defects noted. IAW RR 250-C47E/4 Ops & MM/Chptr.72-00-00/Pg.622/Item 14

2E-Inspected fuel screen filter. No defects noted. IAW RR 250-C47E/4 Ops & MM and CEB 73-7002/Rev.3

Complied with the following component inspections/maintenance:

Disc#

2F-Removed pitch cyclic servo p/n: 206-076-062-127, s/n: HR5890. Installed new servo p/n: 206-076-062-127, s/n: HR6007. IAW DMC-407-A-29-10-00-11A-720A-A

Complied with the following lubrications and servicing requirements:

Disc#

1B-50hr/3mnth swashplate bearing inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

1C-50hr/3mnth pitch link bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

Complied with the following aircraft inspections/maintenance:

Disc#

2B-10-25hr swashplate tilt friction check. No movement noted. IAW DMC-407-A-05-40-00-00A-283A-A

2C-General visual inspection and torque check major components on M/R head. IAW BHT-407-CR&O/Para.62-28

Balanced M/R to within manufacturers limitations

Ground run and ops check good.

Brian Berry/PN5R125N

Century Helicopters Inc. PN5R125N W.O.# 13380 Log Entry - 9/12/25

Reg# N407JF Tach Time 97.4 Total Time 97.4

Engine(1) 250-C47E/4 Se.No. TEMP9166356 Hrs 97.4 Cycles 93

Engine(2) 250-C47E/4 Se.No. TEMP9166356 Hrs 97.4 Cycles 93

Complied with the following airframe inspections/maintenance:

Disc#

1C-100hr inspection. IAW DMC-407-A-04-00-00-00A-288A-A/Fig.2

2A-Monthly visual inspection of portable fire extinguisher. IAW BHTCL & NFPA 10 Manual

Complied with the following Ad's, Asb's, Ceb's, Etc:

Disc#

2D-Ad 2025-13-01 Eff. 7/08/25 -- 30hr/30-day one-time replacement of M/R blade bolts.

N/A as the acft does not have removeable blade bolts installed. No further action required.

Complied with the following lubrications and servicing requirements:

Disc#

1A-50hr/3mnth swashplate bearing inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

1B-50hr/3mnth pitch link bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2

Complied with the following vendor ICA's:

Disc#

2B-100hr Donaldson IBF inspection. IAW ICA AFS/BH407-IBF-KIT-ICA/Rev.D

2C-100hr AAI radar altimeter mount inspection. IAW Aeronautical Accessories ICA AA-TBA-16-008/Rev.B

Complied with the following aircraft inspections/maintenance:

Disc#

2E-100hr torque check engine mounts. No movement noted. IAW DMC-407-A-05-40-00-00A-283A-A

2F-100hr torque check transmission top case. No movement noted. IAW DMC-407-A-05-40-00-00A-283A-A

Ground run and ops check good.

Brian Berry/PN5R125N

Century Helicopters Inc. PN5R125N W.O.# 13531 Log Entry - 4/13/26

Reg# N407JF Tach Time 155.4 Total Time 155.4 Engine(1) 250-C47E/4 Se.No. TEMP9166356 Hrs 155.4 Cycles 147

Complied with the following engine inspections/maintenance:

Disc#

2D-300hr/12mnth engine inspection. IAW RR 250-C47E/4 Ops & MM/Chptr.72/Tbl.6

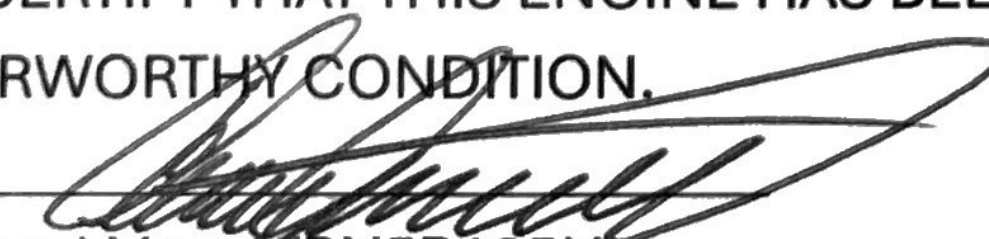
9C-Resealed engine gearbox vent with new p/n: 6893354 (1ea) and AN90901-16A (2ea), and AS3209-019 (1ea).

IAW RR 250-C47E/4 Ops & MM/Task 72-60-00*60-001 (1)(9)8 and 72-60-00-960-001 (1)(h)7

Power check + 30 degrees and 7.7%

Ground run and leak check. Ops check good.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE ABOVE-LISTED INSPECTIONS AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.



Chad Moore/PN5R125N

Complied with the following airframe inspections/maintenance:

Disc#

- 2A-100hr M/R yoke inspection. IAW DMC-407-A-04-00-00-00A-288A-A/fig.2
- 3A-300hr airframe periodic inspection. IAW DMC-407-A-05-40-00-06A-281A-A
- 4A-300hr/12mnth battery cap check. IAW DMC-407-A-05-40-00-04A-281A-A
- 4B-300hr/12mnth auxiliary fuel tank inspection. IAW DMC-407-A-05-40-00-22A-281A-A
- 4C-600hr/12mnth inspection. IAW DMC-407-A-05-40-00-10A-281A-A
- 4E-Monthly visual inspection portable fire extinguisher. IAW BHTCL & NFPA 10 Manual
- 4F-12mnth inspection. IAW DMC-407-A-05-40-00-11A-281A-A
- 5A-12mnth ELT operational check. FAR 91.207(d) - **Battery expires September 2029**
- 5B-12mnth weight check portable fire extinguisher. IAW NFPA 10 Manual
- 5C-12mnth compass swing. IAW BHTCL Manual
- 5D-12mnth first aid kit inspection. IAW BHTCL Manual

Complied with the following engine inspections/maintenance:

Disc#

- 2B-150hr/12mnth engine inspection. IAW RR 250-C47E/4 Ops & MM/Chptr.72/Tbl.6
- 2D-300hr/12mnth engine inspection. IAW RR 250-C47E/4 Ops & MM/Chptr.72/Tbl.6
- 4D-600hr/12mnth engine oil change, serviced with Royco 560. IAW RR 250-C47E/4 Ops & MM/Chptr.72/Tbl.6
- 9C-Resealed engine gearbox vent with new p/n: 6893354 (1ea) and AN90901-16A (2ea), and AS3209-019 (1ea).
- IAW RR 250-C47E/4 Ops & MM/Task 72-60-00*60-001 (1)(9)8 and 72-60-00-960-001 (1)(h)7

Complied with the following Ad's, Asb's, Ceb's, Etc:

Disc#

- 7A-Ad 2025-13-01 Eff. 7/08/25 -- One-time replacement of M/R blade bolts. **N/A due to equipment not installed on acft. No further action required.**
- 7B-Asb 407-26-145/Rev.NR -- One-time inspection of drive system component bearings. **Comply with Asb at the overhaul of affected components.**
- 7C-Asb 407-25-144/Rev.NR -- Introduction of generator control unit operational check.
N/A due to equipment not installed. Second generator. No further action required.
- 7D-Asb 407-25-143/Rev.NR -- One-time inspect landing gear aft crosstube lwr support rubber cushion.
N/A by serial number of acft. No further action required.
- 7E-Asb 407-25-142/Rev.NR -- 150hr visual inspect T/R D/S segment assy and aft short shaft assy gap under rivet head.
N/A by serial number of acft. No further action required.
- 7F-Asb 407-25-141/Rev.NR -- Tailboom attachment bolts new airworthiness limitation introduction of.
Customer needs to make entry in acft records and tracking next due date of 5000hr or 72mnths from date of manufacture.
- 8A-Asb 407-24-134/Rev.A -- 600hr visual inspect tailboom attachment hardware and fittings.
N/A due to bulletin being accomplished by manufacture. No further action required.
- 8B-Ad 2004-10-07 Eff. 6/4/04 per Asb 407-04-63/Pt.4&5/Rev.B -- 300hr visual inspect and lube T/R D/S hanger & oil cooler brgs.
No defects noted. **Next insp due at 455.4 acft**
- 8C-Ad 2018-10-06/Para.(e)(1) per Asb 407-16-113/Rev.NR -- 300hr visual inspect T/R D/S segments. No defects noted. **Next insp due at 455.4 acft**

Complied with the following lubrications and servicing requirements:

Disc#

- 1A-300hr T/R D/S hangar bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 1B-50hr/3mnth swashplate bearing inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 1C-50hr/3mnth pitch link bearings inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 2C-150hr T/R D/S splines inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 2E-300hr/3mnth T/R pitch change mechanism inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 2F-300hr/12mnth T/R xmsn oil change, serviced with Royco 555. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.3
- 3B-300hr/12mnth M/R xsmn oil change, serviced with Royco 555. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.3
- 3C-300hr/12mnth hydraulic pump drive inspection and lube. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.2
- 3D-300hr/12mnth M/R xsmn filter replacement p/n: IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.3
- 3E-300hr/12mnth hydraulic fluid change. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.3
- 3F-300hr/12mnth hydraulic filter inspection. IAW DMC-407-A-12-00-00-00A-040A-A/Tbl.3

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- 5E-100hr Donaldson IBF inspection. IAW ICA AFS/BH407-IBF-KIT-ICA/Rev.G
- 5F-100hr AAI radar altimeter mount inspection. IAW Aeronautical Accessories ICA AA-TBA-16-008/Rev.B
- 6A-300hr/12mnth Donaldson IBF inspection. IAW ICA AFS/BH407-IBF-KIT-ICA/Rev.G
- 6B-300hr/12mnth AAI skid tubes inspection. IAW Aeronautical Accessories ICA AA-01141/Rev.E
- 6C-300hr/Annual AAI flitestep kit inspection. IAW Aeronautical Accessories ICA AA-01162/Rev.J
- 6D-300hr/Annual AC system inspection. IAW Paravion ICA PR-407AC-120M/Rev.14
- 6E-300hr/Annual bleed-air cabin heater installation inspection. IAW Paravion ICA PR-407H-120M/Rev.D
- 6F-Annual AAI pre-flight step/handle inspection. IAW Aeronautical Accessories ICA AA-00123/Rev.B

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ENGINE FLIGHT HOURS & CYCLES	HOURS		STARTS		O.E.I.		EVENTS					
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24)
TOTALS BROUGHT FORWARD	162.4		157				440	435				
TOTALS FOR THIS PAGE												
ACCUMULATE TOTALS												

NEXT SCHEDULED INSPECTION DUE	(25)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSP. DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
(26) ENG. 1						
(27) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed

(28)	FLIGHT DISCREPANCIES	REMARKS	(29) LICENCE # AND / OR COMPANY APPROVAL # SIGNATURE/DATE
1	ACTION TAKEN	Removed + Replaced oil Filter P/w M250-10386 with New Filter, seal checked good 157.8 Land 421	<i>[Signature]</i> AP346 1558
2	ACTION TAKEN		
3	ACTION TAKEN		
4	ACTION TAKEN		



HELICOPTER LOG RECORD SHEET

130716

MODEL	S/N	REGISTRATION
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JOURNEY		CREW	RECORD OF TIME		CYCLES								SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENG 1	START ENG 2	LANDING	TORQUE EVENT	HOIST OPER	NORMAL EXT.	GEAR EMERG. EXT.		PILOT & LICENSE NO.
4/28	TOTAL BROUGHT FORWARD →			162.4									4214051
5/13	KTAK-KTAK	Gres	1.6	164.0	2		2	2					175 M43
5/14	KTAK-KTAK	Gres	1.0	165.0	1		1	1					Ranch of F7
6/12	KTAK-KTAK	Abe	0.7	165.7	1		1	1					Ranch of F7
TOTAL AIRTIME SINCE MANUFACTURE →													← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(17) ENGINE STARTS		(18) ENGINE O.E.I.		EVENTS					
	(15) 1	(16) 2	1	2	1	2	(19) LANDING	(20) TORQ. EVENT	(21) HOIST OPER.	(22) N.G.E.	(23) E.G.E.	(24)
TOTALS BROUGHT FORWARD	162.4		157				440	435				
TOTALS FOR THIS PAGE												
ACCUMULATE TOTALS												

NEXT SCHEDULED INSPECTION DUE	(25)	POWER ASSURANCE	TORQ.	TOT/ITT	N 1	N 2	OAT	PA.
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(26) ENG. 1						
ANNUAL INSP. DUE DATE		(27) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed

(28)	FLIGHT DISCREPANCIES	REMARKS	(29)	LICENCE # AND / OR COMPANY APPROVAL # SIGNATURE/DATE
1	ACTION TAKEN	Removed & Replaced ol Filter P/w M250-10386 with New Filter, seal checked good 157.8 Land 421		W. The AP346 1558
2	ACTION TAKEN			
3	ACTION TAKEN			
4	ACTION TAKEN			