



BELL 505
Flight Log
S/N 65195

LOG BOOK



HELICOPTER LOG



Aircraft Total Time: 261.6
Engine Total Time: 261.6

Hobbs Time: 261.6

Registration #.: N9TV
Serial #: 65195
Work Order #: 65195-11
Date: 3/25/2025

- Installed Loaner Shotover ENG Camera IAW Airfilm Camera Mounts Report # AFM-505-208.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 3/25/2025

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI



HELICOPTER LOG



Aircraft Total Time: 276.0
Engine Total Time: 276.0

Hobbs Time: 276.0

Registration #.: N9TV
Serial #: 65195
Work Order #: 65195-12
Date: 4/11/2025

- C/W 25 Flight Hours Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 4/11/2025

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

3	ACTION TAKEN	
	ACTION TAKEN	
4	ACTION TAKEN	
	ACTION TAKEN	



HELICOPTER LOG



Aircraft Total Time: 223.6
Engine Total Time: 223.6

Hobbs Time: 223.6

Registration #.: N9TV
Serial #: 65195
Work Order #: 65195-09
Date: 2/25/2025

- C/W 25 Hour Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 2/25/2025

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI



HELICOPTER LOG



Aircraft Total Time: 252.2
Engine Total Time: 252.2

Hobbs Time: 252.2

Registration #.: N9TV
Serial #: 65195
Work Order #: 65195-10
Date: 3/17/2025

- C/W 25 Flight Hours Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W 50 Flight Hours Inspection IAW DMC-505-A-05-43-00-06A-000A-A.
- C/W 50 Flight Hours / 1 Year Inspection DMC-505-A-05-41-00-05A-00A-A
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 3/17/2025

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

2	ACTION TAKEN	
3	ACTION TAKEN	
4	ACTION TAKEN	



HELICOPTER LOG



Aircraft Total Time: 212.2
Engine Total Time: 212.2

Hobbs Time: 212.2

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-08
Date: 2/14/2025

- C/W 1 to 5 Flight Hour Torque Check of M/R Mast Nut IAW DMC-505-A-62-20-00-01A-360A-A. No Movement Found.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: 

Date: 2/14/2025

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI



HELICOPTER LOG



Aircraft Total Time: 211.1
Engine Total Time: 211.1
TRQ Events: 462
Cycles: 241

Hobbs Time: 211.1
Landings: 460

Registration #.: N196TV
Serial #: 65195
Work Order #: 65195-08
Date: 02/14/2025

Airframe Inspections:

- C/W 25 Hour Inspection (DMC-505-A-05-43-00-03A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 50 Hour Inspection (DMC-505-A-05-43-00-06A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour Inspection (DMC-505-A-05-43-00-09A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 150 Hour Inspection (DMC-505-A-05-43-00-10A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 200 Hour Inspection (DMC-505-A-05-43-00-12A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 30 Day Inspection (DMC-505-A-05-45-00-05A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 6 Year Inspection (DMC-505-A-05-45-00-35A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 2250 Flight Hours / 6 Year Inspection (DMC-505-A-05-41-00-55A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 3000 Flight Hours / 6 Year Inspection (DMC-505-A-05-41-00-60A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 50 Hour / 1 Year Inspection (DMC-505-A-05-41-00-05A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour / 6 Month Inspection (DMC-505-A-05-41-00-10A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour / 1 Year Inspection (DMC-505-A-05-41-00-15A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour / 18 Month Inspection (DMC-505-A-05-41-00-17A-000A-A) IAW BHT-505-MPI Chapter 5.

Continuing Airworthiness Inspections:

- C/W 100 Hr. Air Film Camera Mount Inspection IAW ICA # AFM-505-208.

Lubrication and Servicing Requirements:

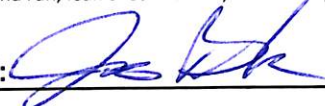
- C/W Scheduled Lubrication Servicing IAW BHT-505-MM Chapter 12 (DMC-505-A-12-00-00-00A-00SA-A).
- C/W M/R & T/R Transmission Oil change & Serviced with Aeroshell 555 IAW BHT-505-MM Chapter 12.
- Reserviced Engine Oil system with Royco 560 IAW BHT-505-MM (DMC-505-A-12-10-05-00A-222A-A, DMC-505-A-12-10-05-00A-212A-A) and Safran 300/600 Hour/12/24 Month Engine Oil Replacement Task 05-20-10-201-850-01A.
- Drained, Installed New Filter, and Serviced Hydraulic System w/ Brayco 881 BHT-505-MM DMC-505-A-12-10-10-02-00A-218A-A.

FAA Airworthiness Directives and Bell Alert Service Bulletins:

- C/W AD's thru 2024-19 and ASB's thru 505-22-40.
- C/W AD 2021-11-19 Transmission Restraint Gap IAW ASB 505-19-12 Part II, No Defects Next due in 100 hrs.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- ASB 505-24-42 Tailrotor Pitch Link Assy Installation Inspection N/A by Aircraft S/N.
- C/W ASB 505-25-43 Crew Seat Restraint Inspection, No Defects Found.

Discrepancies Complied With:

- Installed New (1) SLS-706-014-003 Solar Advantage Windshield Kit w/ (1) SLS-030-100-155 Winshield S/N 22357-017 & (1) SLS-030-100-156 S/N 22356-010 IAW DMC-505-A-56-10-01-00A-720A-A.
- TB 505-21-27 Performed on (1) SLS-030-910-109 Restraint Assy S/N IE000219 and Now Reidentified as a P/N SLS-030-910-115FM, New (2) 11-14277P Spherical Bearings Installed, and Lower Rest Assy Reidentified as a SLS-030-913-121FM by RSG under W/O # 15350.
- Installed (1) Overhauled (1) 2005GL157Q Starter Generator S/N S01199 w/ 0.0 TSOH IAW DMC-505-24-30-01-00A-720A-A.
- Installed New (1) 9017177 SAM Battery S/N K24-11266 IAW DMC-505-A-34-00-02-02A-921A-A.
- Installed New (1) 206-310-400-101 Swashplate Seal IAW DMC-505-A-62-30-01-19A-921A-A.
- Ground run, leak check normal, balanced T/R, and flight check normal.

Signed: 

Date: 02/14/2025



HELICOPTER LOG



Aircraft Total Time: 189.2
Engine Total Time: 189.2

Hobbs Time: 189.2

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-06
Date: 11/18/2024

- Remove all cowling and clean up decks.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed:

Date: 11/18/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI



HELICOPTER LOG



Aircraft Total Time: 208.1
Engine Total Time: 208.1

Hobbs Time: 208.1

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-07
Date: 12/4/2024

- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed:

Date: 12/4/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

(24) FLIGHT

REMARKS

January 11, 2025 Bell Helicopter 505 S/N 65195 N9TV ACTT: 211.1 Engine: 211.1 Cycles: 241 Landings: 460 Rins: 462

Completed the following Avionics installations in accordance with FAA Field Approved 337 Form:

- Removed Operator Console from seat tracks including ENG components in accordance with W505-120-2729
- Fabricated two new Operator Consoles in accordance with Wysong Drawing W505-124-2729 dated 11-14-24 to distribute equipment weight more evenly. Installed both Consoles into aircraft in accordance with Wysong Drawing W505-024-2729 dated 11-14-24.
- Fabricated a Feed Thru Doubler for wiring in accordance with Wysong Drawing W505-100-4322 dated 01-06-25 and installed onto aircraft in accordance with Wysong Drawing W505-000-4322 dated 01-06-25

Completed the following antenna move in accordance with FAA Form 337:

- Removed Vislink Antenna from AAI mount and installed Antenna on existing Airfilm Camera Systems Mount in accordance with STC SR02804LA. ICA and Rotorcraft Flight Manual Supplement are existing and remain unchanged.

The weight and balance will be recomputed by the customer and entered into Rotorcraft Flight Manual. Aircraft was released for return to service for the above work performed. Ref: W/O WY24-9.

Kermit Vanhuss for Wysong Enterprises, Inc.
FAA Repair Station # W3ER617N

Thomas D. Burnheimer Jr. for Wysong Enterprises, Inc.
FAA Repair Station #W3ER617N



HELICOPTER LOG



Aircraft Total Time: 164.5
Engine Total Time: 164.5

Hobbs Time: 164.5

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-04
Date: 10/29/2024

- C/W 25 Hour Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- C/W 50 Hour Inspection (DMC-505-A-05-43-00-06A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 50 Hour/ 1 Year Inspection (DMC-505-A-05-41-00-05A-000A-A) IAW BHT-505-MPI Chapter 5.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 10/29/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI



HELICOPTER LOG



Aircraft Total Time: 186.2
Engine Total Time: 186.2

Hobbs Time: 186.2

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-05
Date: 11/13/2024

- C/W 25 Hour Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: [Signature]

Date: 11/13/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

1	ACTION TAKEN	
2	ACTION TAKEN	
3	ACTION TAKEN	
4	ACTION TAKEN	



HELICOPTER LOG



Aircraft Total Time: 115.0
Engine Total Time: 115.0
TRQ Events: 329
Cycles: 112

Hobbs Time: 115.0
Landings: 329

Registration #: N196TV
Serial #: 65195
Work Order #: 65195-02
Date: 9/27/2024

- C/W 1 to 5 Flight Hour Main Rotor Mast Nut Torque Check IAW DMC-505-A-62-20-00-01A-360A-A, No Movement Found.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: _____

Date: 09/27/24

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

THIS TRANSPONDER MODEL GTX 33ES
SERIAL NUMBER _____
HAS BEEN TESTED IN ACCORDANCE WITH
F.A.R. PART 43, APPENDIX F, AND MEETS
THE REQUIREMENTS OF F.A.R. 91.413.

DATE: 10/14/24 SIG. [Signature]
AVIONICS SERVICES INC.
CRS AT2R702K
NORMAN, OKLAHOMA
A/C N# 9TV



HELICOPTER LOG



Aircraft Total Time: 139.5
Engine Total Time: 139.5

Hobbs Time: 139.5

Registration #: N9TV
Serial #: 65195
Work Order #: 65195-03
Date: 10/22/2024

- C/W 25 Hour Inspection IAW DMC-505-A-05-43-00-03A-000A-A.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- C/W 10 to 25 Hour Shaft (Disc Packs Attaching Hardware) Torque Check IAW DMC-505-A-65-10-00-00A-281A-A, No Movement Found.
- Ground Run and Leak Check Normal, No Defects.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed: _____

Date: 10/22/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

**HELICOPTER LOG**

Aircraft Total Time: 114.0
Engine Total Time: 114.0
TRQ Events: 327
Cycles: 109

Hobbs Time: 114.0
Landings: 327

Registration #.: N196TV
Serial #: 65195
Work Order #: 65195-02
Date: 9/27/2024

Airframe Inspections:

- C/W 25 Hour Inspection (DMC-505-A-05-43-00-03A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 50 Hour Inspection (DMC-505-A-05-43-00-06A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour Inspection (DMC-505-A-05-43-00-09A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 150 Hour Inspection (DMC-505-A-05-43-00-10A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 30 Day Inspection (DMC-505-A-05-45-00-05A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 1 Year Inspection (DMC-505-A-05-45-00-10A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 5 Year Inspection (DMC-505-A-05-45-00-30A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 50 Hour/ 1 Year Inspection (DMC-505-A-05-41-00-05A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour/ 6 Month Inspection (DMC-505-A-05-41-00-10A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour / 1 Year Inspection (DMC-505-A-05-41-00-15A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 100 Hour / 18 Month Inspection (DMC-505-A-05-41-00-17A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 300 Hour / 1 year Inspection (DMC-505-A-05-41-00-20A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 400 Hour / 1 Year Inspection (DMC-505-A-05-41-00-30A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W 600 Hour / 1 year Inspection (DMC-505-A-05-41-00-35A-000A-A) IAW BHT-505-MPI Chapter 5.
- C/W Airframe 12 Month Annual Insp IAW FAR Part 43 Appendix D and Part 43.15 Additional Inspections for Rotorcraft.

Engine Inspections & Maintenance:

- C/W Turn-Around Inspection (05-20-10-201-803-A01) IAW Safran helicopters Engines Arrius 2R Maintenance Manual.
- C/W 200 Hour Inspection (05-20-10-201-830-A01) IAW Safran Helicopter Engines Arrius 2R Maintenance Manual.
- C/W 300 Hour / 1 Year Engine Oil Replacement (05-20-10-201-835-A01) IAW Safran Helicopter Engines Arrius 2R MM.
- C/W 400 Hour / 1 Year Engine Logbook Update (05-20-10-201-840-A01) IAW Safran Helicopter Engines Arrius 2R MM.
- C/W 600 hour / 2 Year Engine Oil & Filter Replacement (05-20-201-850-A01) IAW Safran Helicopter Engines Arrius 2R MM.

Continuing Airworthiness Inspections:

- C/W the following Continuing Airworthiness Inspections: Annual Second VHF Comm Inspection IAW ICA # AA-14043, Annual Bose Adapter Inspection IAW ICA # AA-16017, C/W 100 Hr. Air Film Camera Mount Inspection IAW ICA # AFM-505-208, 300 Hr. / 12 Month Paravion Air Conditioner Inspection IAW ICA # PR-505AC-120M, Annual Aft Hardpoint Inspection IAW ICA # AA-16049, C/W Annual AA Headliner Kit IAW ICA # AA-17111, Annual AA Avionics Shelf Inspection IAW ICA # AA-14116, Annual Garmin Traffic Advisory System Inspection IAW ICA # AA-14126, Annual AA Crew Opener Kit Inspection IAW ICA # AA-15071, 24 Month True Blue Battery Inspection IAW Manual # 9018047, Annual Avionics Rain shield Inspection IAW ICA # AA-19023, 12 Month Garmin GDL-69 XM Inspection IAW ICA # 190-00355-00, Annual AA Accessories Package IAW ICA # AA-18083, Annual PS Engineering PAC 45 Inspection IAW ICA # 200-045-0000, .
- C/W 12 Month ELT Inspection IAW FAR IAW FAR 91.207D.

Lubrication and Servicing Requirements:

- C/W Scheduled Lubrication Servicing IAW BHT-505-MM Chapter 12 (DMC-505-A-12-00-00-00A-00SA-A).
- C/W M/R & T/R Transmission Oil change & Serviced with Aeroshell 555 IAW BHT-505-MM Chapter 12.
- Drained and Reserviced Engine Oil system with Royco 560 IAW BHT-505-MM (DMC-505-A-12-10-05-00A-222A-A, DMC-505-A-12-10-05-00A-212A-A) and Safran 300/600 Hour/12/24 Month Engine Oil Replacement Task 05-20-10-201-850-01A.
- Drained, Installed New Filter, and Serviced Hydraulic System w/ Brayco 881 BHT-505-MM DMC-505-A-12-10-10-02-00A-218A-A.

FAA Airworthiness Directives and Bell Alert Service Bulletins:

- C/W AD's thru 2024-19 and ASB's thru 505-22-40.
- C/W AD 2021-11-19 Transmission Restraint Gap IAW ASB 505-19-12 Part II, No Defects Next due in 100 hrs.
- C/W AD 2023-24-09 Address Inconsistencies between TQ & MGT PCW by C/W Safran ASB 319-77-4848.
- C/W AD 2024-02-55 Vertical Stabilizer Top End Cap Inspection IAW ASB 505-24-38, No Defects Found, Next due in 25 hrs.
- C/W AD 2024-15-10 Fuel Drain Quick Connect Value IAW Bell ASB 505-21-21, No Defects Found.
- C/W ASB 505-17-02 Revision A Transmission Manifold Assy Modification Part I & II. No Defects Found.
- C/W ASB 505-20-15 Engine Oil Tank Inspection Part I, No Defects Found, Next due in 300 hrs. or 12 months.
- C/W ASB 505-20-18 M/R Pitch Link Inspection Part II, No Defects Found, Part II due in 300 hrs. or 12 months.

Discrepancies Complied With:

- Installed New (1) 206-040-339-101 Oil Cooler Shaft S/N BT4825 & (2) 206-040-339-101 Bearings S/N 25110444 & 25110386 IAW BHT-505-MM Chapter 65 DMC-505-A-65-10-02-00A-720A-A.
- Ground run, leak check normal, balanced T/R, and flight check normal.
- Aircraft Approved to Return to Service. Details can be found on file at Repair Station under above listed work order.

Signed:**Date:** 9/27/2024

For: Air Flite, Inc. 2320 Airport Drive Shawnee, OK 74804 FAA Repair Station # IEER959E AFI

MODEL Bell 505	S/N 65195	REGISTRATION 196TV
-----------------------	------------------	---------------------------

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 ENGINE 1	(7) START ENGINE 2	(8) LANDING	(9) TORQUE EVENT	(10) HOIST OPEN	(11)	(12) PILOT & LICENSE NO.
	TOTAL BROUGHT FORWARD →			96.6							
9/6/24	PWA-PWA	J Gardner	2.0	98.6	2	2					Jim Gardner
TOTAL AIR TIME SINCE MANUFACTURE →											← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD			83				301	301		
TOTALS FOR THIS PAGE										
ACCUMULATE TOTALS										

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1						
(23) ENG. 2						

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

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
1 ACTION TAKEN		
2 ACTION TAKEN		
3 ACTION TAKEN		
4 ACTION TAKEN		

August 20, 2024 Bell Helicopter 505 S/N 65195 N196TV ACTT: 81.7 Engine: 81.7 Cycles: 69 Landings: 288

Completed the following Airframe installations in accordance with FAA 337 Form:

- Installed Paravion Technology Right Hand Evaporator Kit in accordance with PR-505AC-903M Rev B dated March 20, 2020 505AC-103-1 Installation Instructions.
- Installed Airfilm Utility Mount with Shot Over M1 Camera in accordance with STC No. SR02804LA
- Installed Avionics Rainshield Kit in accordance with STC No. SR11242DS
- Installed AFT Hardpoint installation kit with Vislink Antenna in accordance with AAI Report Number AA-16048 Revision E dated October 9, 2019.

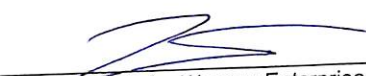
Performed the following maintenance items:

- Preserved engine in accordance with Arrius 2R MM 71-05-01-550-801-A01 and de-preserved engine in accordance with Arrius 2R MM 71-02-14-280-801-A01
- Removed M/R Hub to facilitate other maintenance in accordance with DMC-505-A-62-20-01-00A-520A-A
- Reinstalled main rotor hub assembly in accordance with DMC-505-A-62-20-01-00A and DMC-505-A-00-60-00-00A-00SA-A.
- 100HR/6MO in accordance with DMC-505-A-05-41-00-10A-000A-A

Completed the following:

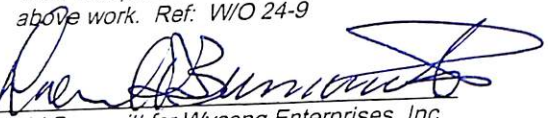
- ASB 505-23-36 Part 1 – No Cracks or damage around fixed support bushing area, gap dimensions between rod end bearing of control tube and fixed support found within limits at 0.024
- AD 2024-02-55 & ASB 505-24-38 Part 1, no cracks noted. Next inspection due in 25hrs, and every 25hrs thereafter until upgraded top cap is installed.
- ASB 505-24-40 10 June 2024 Initial inspection, no defects found. No further inspections due.
- TB 505-20-24 Installed SLS-704-003-001 Retrofit kit for actuator shelf drip tray
- TB 505-20-23 Part I, II and III Complied with Garmin Software Updated
- Service Bulletin 319 77 4848 and EASA AD 2022-0265R1 version B, M01 values were at 0.2daN.m overestimated and corrected to slope A 0.994, offset -3.46 and checksum 3879. M02 values were overestimated by 16 degree kelvin and corrected to slope A 1.026, offset B -33, and checksum 2469. This service bulletin was done in reference to DMC-505-A-76-10-00-00A-752A-A and Safran MGT/TQ conformation tool TL0454G001. Engine power assurance check needed.
From engine log cards: Reduction gear module: Slope A=.994 Offset B: -3.46 Checksum: 3897
Gas generator module: Slope A: 1.026 Offset B: -33 Checksum: 2469
- AD 2024-01-11 N/A by P/N and date of belt manufacture
- ASB 505-24-37 Inserted Revision 11 into Rotorcraft Flight Manual

Aircraft released for return to service for the above work performed. Ref: W/O WY24-9


Jesse Puckett for Wysong Enterprises, Inc.
Repair Station W3ER617N

August 20, 2024 Bell Helicopter 505 S/N 65195 N196TV ACTT: 81.7 Engine: 81.7 Cycles: 69 Landings: 288

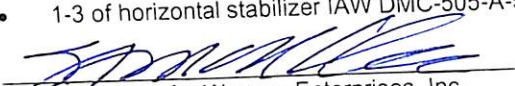
Disassembled aircraft as necessary to facilitate paint. Sanded entire aircraft. Primed airframe as necessary using 513 X 390 Epoxy Primer. Painted Aircraft using Axalta Aviation Coatings with the following AF 700 Series colors: 819864ES Atlas Gloss Black; 764839 Deep Red; 765296 Chrome Yellow; L0225 White; AF740 Imron Polyurethane Clearcoat; 13100S Imron Polyurethane Activator and 13775 Imron Reducer. Reassembled aircraft after completion. Weighed aircraft and inserted new weight and balance into aircraft flight manual. Aircraft approved for return to service for the above work. Ref: W/O 24-9


David Brummitt for Wysong Enterprises, Inc.
Repair Station Number W3ER617N

August 27, 2024 Bell Helicopter 505 S/N 65195 N196TV ACTT: 84.1 Engine: 84.1 Landings: 292

Completed the following torque checks:

- 1-5 of mast nut IAW DMC-505-A-62-20-00-01A-360A-A, torque stabilized
- 1-3 of vertical stabilizer IAW DMC-505-A-55-30-01-00A-720A-A, torque stabilized
- 1-3 of horizontal stabilizer IAW DMC-505-A-55-10-01-00A-720A-A


Stacy McMillan for Wysong Enterprises, Inc.
Repair Station W3ER617N

NOTE:

10-25 of all disc packs of tailrotor driveshaft segments IAW DMC-505-A-65-10-00-00A-281A-A

MODEL 505	S/N 65195	REGISTRATION N14DT
------------------	------------------	---------------------------

JOURNEY		CREW	RECORD OF TIME		CYCLES					SIGNATURE	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE 1	START ENGINE 2	LANDING	TORQUE EVENT	HOIST OPEN		PILOT & LICENSE NO.
	TOTAL BROUGHT FORWARD →			77.0	60	282					
10/3/23	CPS	M White	1.0	78.0	6	4					M. White
10/4/23	CPS-TRI	M. White	3.7	81.7	2	2					M White
10/24/23	TRI	PSchneider	0.0	81.7	1	/					PSchneider Ground Run
8/27/24	TRI - PWA	J Gardner	1.0	91.5	6	6					J Gardner
8/29/24	PWA-PWA	J Gardner	2.5	94.0	3	3					J Gardner
9/3/24	SNL-PWA	J Gardner	1.0	95.0	3	3					J Gardner
9/4/24	PWA-PWA	J Gardner	1.6	96.6	2	2					J Gardner
TOTAL AIR TIME SINCE MANUFACTURE →				96.6							← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD	77.0		60				282	282		
TOTALS FOR THIS PAGE	19.8		23				20	20		
ACCUMULATE TOTALS	86.8		83				301	301		

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	100hr
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1						
(23) ENG. 2						

OPERATION AND MAINTENANCE RECORD

August 20, 2024 Bell Helicopter 505 S/N 65195 N196TV ACTT: 81.7 Engine: 81.7 Cycles: 69 Landings: 288

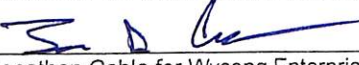
Completed the following Avionics installations in accordance with FAA Field Approved 337 Form:

- Removed GMA 350H Audio panel S/N 1YQ100820 from radio stack and installed PS Engineering PAC 45 System
- GDL-69 SXM System including GA 55A antenna
- Shotover M1 Camera system
- Vislink Downlink Antenna System including Transmitter, Control Head and GPS Antenna
- Tablet Electrical provisions and mount
- JA72-510 Glove Box
- Fabricate and installed Operator Console in to the aircraft existing seat tracks (Console contains several units listed on drawing and equipment list)
- Comant CI-292-3 Antennas on aircraft belly for Motorola radios installed in console

Completed the following minor alterations:

- Replaced broken VOR antenna CI-259E S/N 566665 with new VOR Antenna CI-259E S/N 741648

Swung compass. Weighed aircraft and entered the new aircraft weight and balance into Rotorcraft Flight Manual. Aircraft was released for return to service for the above work performed. Ref: W/O WY24-9.


Jonathan Cable for Wysong Enterprises, Inc.
FAA Repair Station # W3ER617N

NI4DT SER. NO. 65195 BELL 505 T.T. 77.0
HOUR METER 77.0 CYCLES GEN-56.0 TI-43.75 ENG. SER. NO. 54144 T.T. 77.0

Completed the following Inspections I/A/W Bell Helicopter Maintenance Manual.

- *30 Day inspection I/A/W DMC-505-A-05-45-00-05A-000A-A
- *1 Year inspection I/A/W DMC-505-A-05-45-00-10A-000A-A
- *2 Year inspection I/A/W DMC-505-A-05-45-00-15A-000A-A
- *3 Year inspection I/A/W DMC-505-A-05-45-00-20A-000A-A
- *4 Year inspection I/A/W DMC-505-A-05-45-00-25A-000A-A
- *25 Flight hours inspection I/A/W DMC-505-A-05-43-00-03A-000A-A
- *50 Flight hours inspection I/A/W DMC-505-A-05-43-00-06A-000A-A
- *100 Flight hours inspection I/A/W DMC-505-A-05-43-00-09A-000A-A
- *50 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-05A-000A-A
- *100 Flight hours/6 months inspection I/A/W DMC-505-A-05-41-00-10A-000A-A
- *100 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-15A-000A-A
- *100 Flight hours/18 months inspection I/A/W DMC-505-A-05-41-00-17A-000A-A

- *300 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-20A-000A-A
- *400 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-30A-000A-A
- *600 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-35A-000A-A
- *600 Flight hours/2 years inspection I/A/W DMC-505-A-05-41-00-38A-000A-A
- *600 Flight hours/3 years inspection I/A/W DMC-505-A-05-41-00-40A-000A-A
- *1200 Flight hours/2 years inspection I/A/W DMC-505-A-05-41-00-45A-000A-A

C/W the following Technical Bulletins:

- *TB 505-20-20, Eng oil tank anti siphon Valve installation
- *TB 505-20-21, Hyd. Reservoir cold weather filter cap.
- *TB 505-20-22, Horizontal Stab, aft corner radius mod.

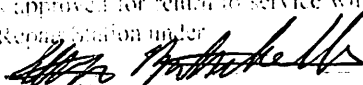
C/W the following Alert Service Bulletins:

- *ASB 505-19-12, Part I, Trans pitch restraint aft attach hardware insp. Due again 177.0 T.T.
- *ASB 505-19-13, Swashplate assy. bearings, One time inspection.

- *ASB 505-20-14, Firewall screws inspection, No in reference.
- *ASB 505-20-15, Engine oil tank inspection, Part I, No defect.
- *ASB 505-20-16, Trans oil jet safety wire inspect, Correctly installed.
- *ASB 505-20-17, Flap Restraint support, one time inspection.
- *ASB 505-20-18, M/R P/C Link Assy. Inspect and Torque set, Part I
- *ASB 505-21-20, Pilot collective stick & grip replacement, Part I & II
- *ASB 505-21-21, Sump drain fitting y or mod installation.
- *ASB 505-21-22, Engine oil filter, One time inspection
- *ASB 505-21-23, Oil system, Engine inspected at Safran W/O 21964439
- *ASB 505-21-24, Additional Air Conditioner tubing clamps
- *ASB 505-21-25, R/H lateral CG reduction, Installed decal and Rev.7 in RFM
- *ASB 505-21-26, Fuel cell vent preflight inspect, Orientation correct RFM updated
- *ASB 505-22-28, Rotorcraft Flight Manual, Flight manual updated
- *ASB 505-22-29, Eng. Fuel Drain & Compressor wastube clamping, Part I & II
- *ASB 505-22-31, Aft CG Airspeed Limitation, Flight Manual updated
- *ASB 505-22-32, Electrical Harness inspection.
- *ASB 505-22-33, M/R Flight Control Rigging check, Part I
- *ASB 505-22-34, Anti-torque rotor control cable inspection, Part I & II

C/W the following A/D's

- *AD 20-15-01, Swashplate bearing stall p. Visual inspection, Bearings soaked.
- *AD 21-11-19, Transmission restraint and maining truss, C/W, Part I.
- *AD 22-04-06, Pilot collective stick cracking, Stick and grip replaced.
- *AD 22-04-11, Improper clearances in collective system, All within limit
- *AD 23-12-26, RFM, Fuel type, press alt limit, Flight Manual updated
- *Replaced M/R Straps with New, P/N 206-11-0041-02, S/N's LPI S12705 & LPI S12712
- *Fuel decreased with Hixco Syn. L/E Drive with Mobil 28.
- *L/E Battery replaced with New
- *Battery reconditioned by True Blue Power
- *Transponder test for 91.413, Accomplished by Mueller Avionics, Inc. CRS #QYVR0441
- *A/C run up and leak checked.
- *Repaired Inop electric Start p/n P/N 19100-118, S/N 200088, With factory repaired S/N 200526.
- *M/R and L/R balanced to acceptable levels.

The aircraft identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to work performed. Pertinent details are on file at this Repair Station under
Work Order No. 1185 02/01/2023 Signed: 
AA & S Helicopters, Inc. Repair Station No. S12712

N14DT SER. NO. 65195 BELL 505 T.T. 77.0
HOUR METER 77.0 CYCLES GEN-56.0 TL-43.75 ENG. SER. NO. 54144 T.T. 77.0

Completed the following Inspections I/A/W Bell Helicopter Maintenance Manual.

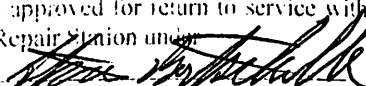
- *30 Day inspection I/A/W DMC-505-A-05-45-00-05A-000A-A
- *1 Year inspection I/A/W DMC-505-A-05-45-00-10A-000A-A
- *2 Year inspection I/A/W DMC-505-A-05-45-00-15A-000A-A
- *3 Year inspection I/A/W DMC-505-A-05-45-00-20A-000A-A
- *4 Year inspection I/A/W DMC-505-A-05-45-00-25A-000A-A
- *25 Flight hours inspection I/A/W DMC-505-A-05-43-00-03A-000A-A
- *50 Flight hours inspection I/A/W DMC-505-A-05-43-00-06A-000A-A
- *100 Flight hours inspection I/A/W DMC-505-A-05-43-00-09A-000A-A
- *50 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-05A-000A-A
- *100 Flight hours/6 months inspection I/A/W DMC-505-A-05-41-00-10A-000A-A
- *100 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-15A-000A-A
- *100 Flight hours/18 months inspection I/A/W DMC-505-A-05-41-00-17A-000A-A
- *300 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-20A-000A-A
- *400 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-30A-000A-A
- *600 Flight hours/1 year inspection I/A/W DMC-505-A-05-41-00-35A-000A-A
- *600 Flight hours/2 years inspection I/A/W DMC-505-A-05-41-00-38A-000A-A
- *600 Flight hours/3 years inspection I/A/W DMC-505-A-05-41-00-40A-000A-A
- *1200 Flight hours/2 years inspection I/A/W DMC-505-A-05-41-00-45A-000A-A

C/W the following Technical Bulletins:

- *TB 505-20-20. Eng oil tank anti siphon Valve installation
- *TB 505-20-21. Hyd. Reservoir cold weather filter cap.
- *TB 505-20-22. Horizontal Stab. aft corner radius mod.
- C/W the following Alert Service Bulletins:
- *ASB 505-19-12. Part I. Trans pitch restraint aft attach hardware insp. Due again 177.0 T.T.
- *ASB 505-19-13. Swashplate assy. bearings. One time inspection.
- *ASB 505-20-14. Firewall screws inspection. No interference.
- *ASB 505-20-15. Engine oil tank inspection. Part I. No defect.
- *ASB 505-20-16. Trans oil jet safety wire inspect. Correctly installed.
- *ASB 505-20-17. Flap Restraint support. one time inspection.
- *ASB 505-20-18. M/R P/C link Assy. Inspect and torque seal. Part I
- *ASB 505-21-20. Pilot collective stick & grip replacement. Part I & II
- *ASB 505-21-21. Sump drain fitting grommet installation.
- *ASB 505-21-22. Engine oil filter. One time inspection
- *ASB 505-21-23. Oil system. Engine inspected at Safran W/O 21964439
- *ASB 505-21-24. Additional Air Conditioner tubing clamps
- *ASB 505-21-25. R/H lateral CG reduction. Installed decal and Rev.7 in RFM
- *ASB 505-21-26. Fuel cell vent preflight inspect. Orientation correct RFM updated
- *ASB 505-22-28. Rotorcraft Flight Manual. Flight manual updated
- *ASB 505-22-29. Eng. Fuel Drain & Compressor wash tube clamping Part I & II
- *ASB 505-22-31. Aft CG Airspeed Limitation. Flight Manual updated.
- *ASB 505-22-32. Electrical Harness Inspection.
- *ASB 505-22-33. M/R Flight Control Rigging check. Part I
- *ASB 505-22-34. Anti-torque rotor control cable inspection. Part I & II

C/W the following AD's

- *AD 20-19-05. Swashplate bearing staking. Visual inspection. Bearings staked.
- *AD 21-11-19. Transmission restraint and mating truss. C/W Part I.
- *AD 22-04-06. Pilot collective stick cracking. Stick and grip replaced.
- *AD 22-24-08. Improper clearances in collective system. All within limit
- *AD 23-12-26. RFM. Fuel type, press alt limits. Flight Manual updated
- *Replaced M/R Straps with New. P/N 206-310-004-103. S/N's LPES12705 & LPES12712
- *Aircraft greased with Hixco Syn. T/R Drive with Mobil 28.
- *EL 1 Battery replaced with New
- *Battery reconditioned by True Blue Power
- *Transponder test for 91413. Accomplished by Mueller Avionics, Inc. CRS #QYVR044J
- *Aircraft run up and leak checked.
- *Replaced Inop electric Start pump P/N 18109-B8. S/N 206088. With factory repaired S/N 200526.
- *M/R and T/R balanced to acceptable levels

The aircraft identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to work performed. Pertinent details are on file at this Repair Station under
Work Order No. 1185 09/01/2023 Signed: 
for A & S Helicopters, Inc. Repair Station No. S12R1621.

Model # GTX 33HSerial # 12D05203Aircraft N# 14DTDate: March 9 2023

Transponder system tested in accordance with part 43, Appendix

"F" & Appendix "E", Subpart (c) for compliance with FAR 91.413.

Signature: [Signature] Work Order # 17011

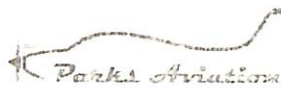
MUELLER AVIONICS, INC.

CRS # QYVR044J

ACTURE →

← TOTAL

MAKE: Bell Helicopter Textron
 MODEL: 505
 S/N: 65195
 REG NO: N14DT
 WORK ORDER: A1992



Ideal Aviation Avionics

Repair Station No. 41AR4530
 8100 Omega Dr
 Unit C
 August, IL 62206

DATE: 8/14/2023
 A/C TSN:
 TAC:

Airframe Entries

Bell Helicopters Task No. 34-10-00 PNC 001 - Performed function test of the flight environment data in accordance with Bell Helicopters Data Module DMC-525 A-34-10-00-00A-340A-A. Issue dated 12/14/2018 with satisfactory results. Hardware tested: SAM MD302 p/n 61206705 s/n E17-10549 (Bell Helicopter p/n SLS-075 219-101A s/n BH592829). Garmin GEA 71 p/n C11-00831-02 s/n 12106705. Garmin GSD-75 p/n C11-00831-02 s/n 12106705. In accordance with Bell Helicopters Data Module DMC-505 A-34-10-00-00A-340A-A. Issue dated 12/14/2018 with satisfactory results. Hardware tested: SAM MD302 p/n 61206705 s/n E17-10549 (Bell Helicopter p/n SLS-075 219-101A s/n BH592829). Garmin GEA 71 p/n C11-00831-02 s/n 12106705. Garmin GSD-75 p/n C11-00831-02 s/n 12106705. No discrepancies noted at this time. Altitude calibration of the Mid-Continent SAM MD302 module. Performed altitude calibration of Mid-Continent SAM MD302 p/n 61206705 s/n E17-10549 (Bell Helicopter p/n SLS-075 219-101A s/n BH592829) in accordance with Mid-Continent Installation Manual p/n 8017762 Revision P dated 01/06/2022 section 4.5.5.3 with satisfactory results. No discrepancies noted at this time.

Maintenance Release

The aircraft and its component(s) on N14DT was repaired and inspected in accordance with the applicable FAA regulations and was found airworthy for return to service with respect to work performed. The aircraft is now in compliance with the applicable FAA regulations. Work Order No. A1992 dated 8/14/2023.

DATE: 8/14/2023

SIGNED

Sean Lynch
 Certified Repair Station No. 41AR4530

Work Order A199

Printed by EBIS 3 (aa.commedia.com)

MODEL	S/N	REGISTRATION
-------	-----	--------------

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 ENGINE 1	(7) START ENGINE 2	(8) LAND ING	(9) TORQUE EVENT	(10) HOIST OPEN	(11)	(12) PILOT & LICENSE NO.
TOTAL BROUGHT FORWARD →											
		Model # <u>GTX 336H</u> Serial # <u>1ZD015203</u> Aircraft # <u>14DT</u> Date: <u>March 9 2023</u> Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E", Subpart (c) for compliance with FAR 91.413. Signature: <u>[Signature]</u> Work Order # <u>1201</u> MUELLER AVIONICS, INC. CRS # QYVR044J									
TOTAL AIR TIME SINCE MANUFACTURE →											← TOTAL

ENGINE FLIGHT HOURS & CYCLES
TOTALS BROUGHT FORWARD
TOTALS FOR THIS PAGE
ACCUMULATE TOTALS

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSPECTION DUE DATE	

MAKE: Bell Helicopter Text
MODEL: 505
S/N: 65195
REG. NO: N14DT
WORK ORDER: A1992



Ideal Aviation Avionics
Repair Station No. 4IAR453C
5100 Omega Dr
Unit C
Sauget, IL 62206

DATE: 8/14/2023
A/C TSN: 77
TACH

Airframe Entries

Bell Helicopters Task No. 34-10-00 FNC 001 - Performed function test of the flight environment data in accordance with Bell Helicopters Data Module DMC-505-A-34-10-00-00A-340A-A, Issue 002 dated 12/14/2018 with satisfactory results. Hardware tested: SAM MD302 p/n 6420302-1 s/n E17-10549 (Bell Helicopter p/n SLS-075-219-101A s/n BH692829), Garmin GEA-71 p/n 011-00831-05 s/n 1Z1006705, Garmin GSU-75 p/n 011-03094-20 s/n 4AY001015. No discrepancies noted at this time.... Bell Helicopters Task No. 34-22-00 FNC 001. Performed function test of the flight environment data in accordance with Bell Helicopters Data Module DMC-505-A-34-10-00-00A-340A-A, Issue 002 dated 12/14/2018 with satisfactory results. Hardware tested: SAM MD302 p/n 6420302-1 s/n E17-10549 (Bell Helicopter p/n SLS-075-219-101A s/n BH692829), Garmin GEA-71 p/n 011-00831-05 s/n 1Z1006705, Garmin GSU-75 p/n 011-03094-20 s/n 4AY001015. No discrepancies noted at this time.... Altitude calibration of the Mid-Continent SAM MD302 module performed in accordance with Mid-Continent Installation Manual p/n 9017782 Revision P dated 01/06/2022, section 4.5.9.2 with satisfactory results. No discrepancies noted at this time.

Maintenance Release

The aircraft and/or component(s) on N14DT was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to work performed. Pertinent details of any repairs are on file at this facility under Work Order No. A1992, dated 8/14/2023.

DATE: 8/14/2023

SIGNED: [Signature]
Sean Lynch
Certified Repair Station No. 4IAR453C

Work Order: A1992

Printed by EBis 3 (datcomedia.com)

(24) FLIGHT DISCREPANCIES
1 ACTION TAKEN
2 ACTION TAKEN
3 ACTION TAKEN
4 ACTION TAKEN

MODEL 505	S/N 65195	REGISTRATION N145T
---------------------	---------------------	------------------------------

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 ENGINE 1	(7) START ENGINE 2	(8) LANDING	(9) TORQUE EVENT	(10) HOIST OPEN	(11)	(12) PILOT & LICENSE NO.
TOTAL BROUGHT FORWARD →				721							
8/10	KSDS-LLL	KHAN/ Houska	26	74.7	1		12	12			N145T-1 2758392CFH
				CORRECTED							
				77.0							ACCORDING TO GARMIN MAINTENANCE LOG
TOTAL AIR TIME SINCE MANUFACTURE →											← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD	72.1		60				282	282		
TOTALS FOR THIS PAGE										
ACCUMULATE TOTALS										

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1						
(23) ENG. 2						

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

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
1	ENGINE REMOVED TO RETURN TO SAFRAN FOR INSPECTION. T.T. 77.0 SSB	THE HITCHCOCK A&S HELICOPTERS INC SI2R162L
2	ACTION TAKEN	
3	ACTION TAKEN	
4	ACTION TAKEN	

MODEL 505	S/N 65795	REGISTRATION N14DT
---------------------	---------------------	------------------------------

JOURNEY		CREW	RECORD OF TIME		CYCLES					SIGNATURE	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE 1	START ENGINE 2	LANDING	TORQUE EVENT	HOIST OPEN		PILOT & LICENSE NO.
TOTAL BROUGHT FORWARD →				49.4							
4/17	KSUS-LLC	KHAN/ HORSKA	5.5	54.9	2		24	20			W. J. 2758392
4/20	KSUS-LLC	KHAN/ HORSKA	4.8	59.7	2		24	20			W. J. 2758392
4/21	KSUS-LLC	KHAN/ HORSKA	3.6	63.3	3		18	10			W. J. 2758392
4/23	KSUS-LLC	KHAN/ HORSKA	4.1	67.4	2		20	10			W. J. 2758392
5/6	KSUS-LLC	KHAN/ HORSKA	2.1	69.5	3		10	5			W. J. 2758392
6/21	MAINT	HORSKA	0.1	69.6	3		0	0			W. J. 2758392
7/9	KSUS-LLC	KHAN/ HORSKA	2.5	72.1	1		15	15			W. J. 2758392
TOTAL AIR TIME SINCE MANUFACTURE →				72.1	16		111	111			← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD	49.4		44				171	171		7
TOTALS FOR THIS PAGE	22.7		16				111	111		
ACCUMULATE TOTALS	72.1		60				282	282		

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1	69.3	727	96.5		13	4100
(23) ENG. 2						

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

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND/OR COMPANY APPROVAL # SIGNATURE/DATE
1 ACTION TAKEN	AIRCRAFT INSPECTED FOR BIRD STRIKE AS PERSCRIBED BY BELL HELICOPTER PRODUCT SUPPORT. NO DEFECTS EXCEPT DENTS IN TR BLADE SINCS21171	
2 ACTION TAKEN	REMOVED BLADE AND SENT TO BELL BROUSSARD FOR EVALUATION AND REPAIR INSTALLED BLADE AFTER REPAIR. STATIC BALANCED AND DYN BALANCED TO	
3 ACTION TAKEN	• 2 IPS AHS HELICOPTERS SIZR162L	
4 ACTION TAKEN		

MODEL 505	S/N 65195	REGISTRATION N14DT
---------------------	---------------------	------------------------------

JOURNEY		CREW	RECORD OF TIME		CYCLES					SIGNATURE	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE 1	START ENGINE 2	LANDING	TORQUE EVENT	HOIST OPEN		PILOT & LICENSE NO.
2019 DATE											
MAR 31	TOTAL BROUGHT FORWARD →			19.0							
4/1	KSUS-KCPS-KSUS	KHAN/ Houska	2.8	26.8	2		12	12			W.2 2758342
4/2	KSUS-LCL	KHAN/ Houska	3.9	25.7	2		12	12			W.2 2758342
4/3	KSUS-LCL	KHAN/ Houska	5.0	30.7	2		18	18			W.2 2758342
4/8	KSUS-LCL	KHAN/ Houska	5.5	36.2	2		20	20			W.2 2758342
4/9	KSUS-LCL	KHAN/ Houska	5.1	41.3	2		14	14			W.2 2758342
4/10	KSUS-LCL	KHAN/ Houska	4.1	45.4	2		16	16			W.2 2758342
4/12	KSUS-KCPS-SUS	KHAN/ Houska	4.0	49.4	2		12	12			W.2 2758342
TOTAL AIR TIME SINCE MANUFACTURE →			30.4		14		106	106			← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20) RUN ON
TOTALS BROUGHT FORWARD	19.0		30				65	65		1
TOTALS FOR THIS PAGE	30.4		14				106	106		6
ACCUMULATE TOTALS	49.4		44				171	171		7

NEXT SCHEDULED INSPECTION DUE	(21) SEE DUE LIST
TYPE INSPECTION (50 HR., 100 HR., ETC.)	FRONT COVER
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1	53.8	659	92.5	104	10°C	2700
(23) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed.

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
1	50 HOUR INSPECTION COMPLETED I/A/W BELL MAINTENANCE INSTRUCTIONS	A&S HELICOPTERS INC. SIZRIGZL
2		
3		
4		

MODEL 505	S/N 65195	REGISTRATION N14DT
---------------------	---------------------	------------------------------

JOURNEY		CREW	RECORD OF TIME		CYCLES						SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE 1	START ENGINE 2	LANDING	TORQUE EVENT	HOIST OPEN	RUN ON	PILOT & LICENSE NO.
2019											
9/31	TOTAL BROUGHT FORWARD →			15.2							
3/31	KSUS - LCL	KHANI/HOVSKA	1.5	16.7	1		10	10			
3/31	KSUS - LCL	HOVSKA/HOVSKA	1.7	17.4	1		3	3		1	
3/31	KSUS - LCL	KHANI/HOVSKA	1.6	19.0	1		12	12			N14DT 2758342
TOTAL AIR TIME SINCE MANUFACTURE →											← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20) RUN-ON
TOTALS BROUGHT FORWARD	15.2		27				40	40		
TOTALS FOR THIS PAGE	3.8		3				25	25		1
ACCUMULATE TOTALS	19.0		30				65	65		

NEXT SCHEDULED INSPECTION DUE	(21)
TYPE INSPECTION (50 HR., 100 HR., ETC.)	
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1						
(23) ENG. 2						

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

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
1 ACTION TAKEN		
2 ACTION TAKEN		
3 ACTION TAKEN		
4 ACTION TAKEN		

MODEL 505	S/N 65195	REGISTRATION N14DT
---------------------	---------------------	------------------------------

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 ENGINE 1	(7) START ENGINE 2	(8) LANDING	(9) TORQUE EVENT	(10) HOIST OPEN	(11)	(12) PILOT & LICENSE NO.
MAR 25	TOTAL BROUGHT FORWARD →			10.7							
26 MAR 19	89TN	NIESEN	0.2	10.9	2		2	2			Alan Niesen 310039
28 MAR	89TN - KREI	KHANI NIESEN	0.3	11.2	2		2	2			Alan Niesen 310039
28 MAR	89TN - KSUS	KHANI / HORSKA	4.0	15.2	2		2	2			Mike 2758342
TOTAL AIR TIME SINCE MANUFACTURE →											← TOTAL

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD	10.7	—	217	—	—	—	34 28	34 28	—	—
TOTALS FOR THIS PAGE	4.5		6				6	6		
ACCUMULATE TOTALS	15.2		27				40	40		

NEXT SCHEDULED INSPECTION DUE	(21)	POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(22) ENG. 1						
ANNUAL INSPECTION DUE DATE		(23) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed.

(24) N14DT S/N 65195 ACTT 10.7 W/O 65195DO 3-25-2019
ENG: 10.7 STARTS: 21 RUN ON LANDINGS / AUTOROTATION LANDINGS: 0 TQ EVENTS: 34

Disassembled & reassembled aircraft as necessary to facilitate maintenance.

1 Performed the following inspections:

- 30 day inspection in accordance with BHT-505-MPI chapter 5.

Performed the following checks:

- 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. Found to be within limits.
- 10 to 25 hours torque check of the attaching hardware on the air conditioner pulley. Torques stabilized.

3 Performed the following maintenance:

- Removed the electrical power system unit (EPCU) P/N 1431-4 S/N 0216 & installed new electrical power system unit P/N 1431-4 S/N 0273.

There are no A.D.s issued to the 505 or Arrius 2R engine at this time. All work performed per Bell's 505 & Safran's (Turbomeca) Arrius 2R Maintenance Manuals. This aircraft is approved for return to service for maintenance performed. -----END-----

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE ABOVE LISTED INSPECTIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE INSPECTION AND REPAIR WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO(S) 65190DO.

DEREK WOODWARD
INSPECTOR FOR BELL
FAA REPAIR STATION FKFR930D

HELICOPTER LOG RECORD SHEET

075950

MODEL 505	S/N 65195	REGISTRATION N140T
------------------	------------------	---------------------------

JOURNEY		CREW	RECORD OF TIME		CYCLES						SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENGINE 1	START ENGINE 2	LANDING	TORQUE EVENT	HOIST OPEN		PILOT & LICENSE NO.
2019											
FEB 15	TOTAL BROUGHT FORWARD →			3.6							
FEB 20	K BGM	A. Benjann	2.5	6.1	2	3	3	-			3695405
FEB 21	89TN	A. Benjann	4.6	10.7	2	2	2	-			3695405
TOTAL AIR TIME SINCE MANUFACTURE →				10.7							← TOTAL

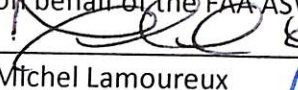
ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		(15) ENGINE CYCLES		(16) ENGINE O.E.I.		EVENTS			
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TORQ. EVENT	(19) HOIST OPER.	(20)
TOTALS BROUGHT FORWARD	3.6		17				29	29		
TOTALS FOR THIS PAGE	7.1		4				5	5		
ACCUMULATE TOTALS	10.7		21				34	34		

NEXT SCHEDULED INSPECTION DUE	(21) SEE DUE LIST
TYPE INSPECTION (50 HR., 100 HR., ETC.)	IN FRONT COVER
ANNUAL INSPECTION DUE DATE	

POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
(22) ENG. 1	60	620	90.0	104	-9	3000'
(23) ENG. 2						

OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed.

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
1 ACTION TAKEN	US Standard Airworthiness Certificate issued February 19, 2019 has been installed in the aircraft on behalf of the FAA ASW-MIDO-42 on February 19, 2019  Michel Lamoureux	
2 ACTION TAKEN		
3 ACTION TAKEN		
4 ACTION TAKEN		

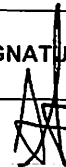
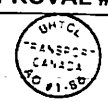


RECORD OF ENGINE INSTALLATION

MODEL 505

REGISTRATION N140J

SERIAL NUMBER 65195

DATE	ENGINE MAKE & MODEL	SERIAL NUMBER	POSITION	DATE INSTALLED	DATE REMOVED	REMARKS REASON FOR CHANGE	SIGNATURE	LICENSE # and/or APPROVAL #
FEB 15, 2019	SAFRAW APRIDS 2R	67144	_____	JAN 08, 2019	_____	_____		

RECORD OF AIRWORTHINESS LIMITATION INSPECTION AS PER BHT MAINTENANCE MANUAL MODEL _____, CHAPTER IV

INSPECTION REFERENCE DATA	DETAILS OF INSPECTION PERFORMED	COMPLIANCE DATE/COMP. HRS.	COMPLIED WITH DATE/COMP. HRS.	SIGNATURE & LICENSE NUMBER AND/OR APPROVAL NUMBER

ALERT SERVICE BULLETIN RECORD

MODEL 505

REGISTRATION N1405

SERIAL NUMBER 65145

BULLETIN NUMBER	DATE ISSUED	TITLE	COMPLIANCE DATE/COMP HRS.	COMPLIED WITH DATE/COMP HRS.	SIGNATURE & LICENSE NUMBER AND/OR APPROVAL NUMBER
		For Alert Service Bulletins, Refer To Technical Data Status Listing Inside Technical Data Binder			
		C/W the following Alert Service Bulletins:			
		*ASB 505-19-12, Part I, Trans pitch restraint aft attach hardware insp. Due again 177.0 T.I.			
		*ASB 505-19-13, Swashplate assy. bearings. One time inspection.			
		*ASB 505-20-14, Firewall screws inspection. No interference.			
		*ASB 505-20-15, Engine oil tank inspection. Part I. No defect			
		*ASB 505-20-16, Trans oil jet safety wire inspect. Correctly installed.			
		*ASB 505-20-17, Flap Restraint support. one time inspection.			
		*ASB 505-20-18, M/R P/C link Assy. Inspect and torque seal. Part I			
		*ASB 505-21-20, Pilot collective stick & grip replacement. Part I & II			
		*ASB 505-21-21, Sump drain fitting grommet installation.			
		*ASB 505-21-22, Engine oil filter. One time inspection			
		*ASB 505-21-23, Oil system. Engine inspected at Safran W/O 21964439			
		*ASB 505-21-24, Additional Air Conditioner tubing clamps			
		*ASB 505-21-25, R/H lateral CG reduction. Installed decal and Rev.7 in RFM			
		*ASB 505-21-26, Fuel cell vent preflight inspect. Orientation correct RFM updated			
		*ASB 505-22-28, Rotorcraft Flight Manual. Flight manual updated			
		*ASB 505-22-29, Eng. Fuel Drain & Compressor wash tube clamping. Part I & II			
		*ASB 505-22-31, Aft CG Airspeed Limitation. Flight Manual updated.			
		*ASB 505-22-32, Electrical Harness Inspection.			
		*ASB 505-22-33, M/R Flight Control Rigging check. Part I			
		*ASB 505-22-34, Anti-torque rotor control cable inspection. Part I & II			
		A & S Helicopters, Inc. SI2R1621 77.0 T.I. 9/1/2023			

[illegible]

AIRCRAFT INFORMATION

1. NATIONALITY AND REGISTRATION	<u>N14DT</u>
2. MANUFACTURER	<u>Bell Helicopter Textron Canada Limited</u>
3. MODEL	<u>505</u>
4. SERIAL NUMBER	<u>65195</u>
5. TYPE CERTIFICAT NUMBER	<u>H-112</u>
6. FUEL	
- CAPACITY USABLE	<u>321.2 Liters – 84.9 US Gallons</u>
- GRADE	<u>Jet A, A-1, B – JP-4, -5, -8</u>
- AUX. FUEL TANK	<u>N/A</u>
7. OIL	
- CAPACITY	<u>4.7 Liters – 5US Quarts</u>
- GRADE	<u>MIL-PRF-23699</u>
- ENGINE	
- GEARBOX	<u>DOD-PRF-85734</u>
8. HYDRAULIC FLUID SPECIFICATIONS	<u>MIL-PRF-87257</u>
9. AUTHORIZED MAXIMUM GROSS WEIGHT	
- INTERNAL	<u>1669.2 Kg. – 3680 Lbs.</u>
- EXTERNAL	<u>2029.8 Kg. – 4475 Lbs.</u>
INCREASED GROSS WEIGHT	<u>N/A</u>
10. DATE OF MANUFACTURE	<u>JANUARY 2019</u>
11. MAINTENANCE SCHEDULE	<u>CAR625App. B, Part 1 & App. C – FAR91.409(F)(3)</u>
12. AIRFRAME SCHEDULE / SPECIAL INSPECTION	<u>Schedule</u>