

BELL 206B III N169AA SN 990

BELL HELICOPTER LOG

Bell Helicopter
A Textron Company

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BELL HELICOPTER TEXTRON INC.
P.O. BOX 482
FORT WORTH, TEXAS 76101

ASK FOR BOOK TYPE A

Bell Helicopter
A Textron Company

HELICOPTER LOG

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

☐ 25 HR. INSP. DUE
☐ 100 HR. INSP. DUE

 OWNER _____
 REGISTRATION NO. N169AA
 MODEL 206BIII
 MFG'RS SERIAL 990

HELICOPTER LOG

DATE	TAKEOFF HR. MIN.	LAND HR. MIN.	FLIGHT TIME BRGT. FWD. HR. MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
JUNE 23 2021				AFTT Brought FWD from CANADIAN LOGS	AFTT 13149.0	

 DATE: JUNE 18, 2021 REG# N169AA

Complied with biennial pitot static system inspection to an altitude of 20,000 feet in accordance with FAR 91.411.
 Complied with biennial transponder inspection in accordance with FAR 91.413. Found both systems to comply. [REDACTED]
 PACIFIC COAST AVIONICS REPAIR STATION CJ3R425L

JUNE 15 2021 AFTT 13149.0 Hobb.03

WEIGHED AIRCRAFT with certified scales

NEW Empty WEIGHT 1911.8 HORIZONTAL

NEW ARM 115.47 HORIZONTAL

NEW ARM -0.06 LATERAL

NEW MOMENT 220760.38 HORIZONTAL

NEW MOMENT -107.35 LATERAL

 INSTALLED NEW WT AND BALANCE DELORD IN
 FLIGHT MANUALS WITH NEW EQUIPMENT

 * EAT BATT DUE APRIL 2028 *
 TOTAL FLIGHT TIME

ENGINE LOG

ROLLS ROYCE 250G-2013

#2

ENG SN CAE-83700

 #1 ENGINE SERIAL NO. [REDACTED]
 #2 ENGINE SERIAL NO. [REDACTED]

DATE	GROUND TIME HR. MIN.	AIR TIME HR. MIN.	ENGINE TIME BRGT. FWD. HR. MIN.	ENGINE TIME BRGT. FWD. HR. MIN.	START CYCLES	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
JUNE 23 2021						ENG TT Brought FWD from CANADIAN LOGS	
						ENG TT 12024.3 CYCLES 13725	

TOTAL FLIGHT TIME

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HELICOPTER LOG

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

☐ 25 HR. INSP. DUE
☐ 100 HR. INSP. DUE

 OWNER _____
 REGISTRATION NO. N169AA
 MODEL Bell 206 B III
 MFG'RS SERIAL 940

HELICOPTER LOG

DATE	TAKEOFF HR. MIN.	LAND HR. MIN.	FLIGHT TIME BRGT. FWD. HR. MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
JUNE 24 2021			13149.0	Perform 100hr 200hr 300hr AND Annual Inspection AS per Bell Checklist. Researched all applicable AD notes and make list. Researched and make new equipment list and was entered in flight manual. Washed A/C and make oil & new wt and balance record and enter in flight manual. Installed new oil pressure switch and collective switch and wired to Recoreling Tach in battery compartment for recording flight time. Registered A/C and installed 12" N numbers on both sides of aircraft. Installed new updated flight manual in A/C. Installed new rear skid shoes on rear skid tubes remove and replace drop stop lever due to one sticking. Repaired wire on main gearbox chip detector. Transponder Antenna was relocated to lower aft corner		
TOTAL FLIGHT TIME						

ENGINE LOG

ENGINE LOG										# 1 ENGINE TIME BRGT. FWD.		# 2 ENGINE TIME BRGT. FWD.		START CYCLES		# 2 ENGINE SERIAL NO.			
DATE	GROUND TIME HR. MIN.		AIR TIME HR. MIN.		HR. MIN.		HR. MIN.		# 1		# 2		REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS		SIGNATURE & LICENSE NO.				
JUNE 24 2021					12024.3				13725				Perform 100hr 200hr AND 300hr/Annual Inspection AS per Rolfs Royce M250-C20 SERIES Checklist drain engine oil inspect chip detectors for metal none noted clean and inspect oil screen and reinstall no contamination noted at this time engine oil tank was serviced with mobil 254 Turbine oil remove and replace engine scavenge oil filter. clean and inspect P.C. air filter inspect fittings and flares on tubes and fittings for cracks none noted at this time disassemble and reinstall Researched all AD notes applicable and make a list of complied with notes engine was washed test run check for leaks none noted at this time I certify this engine						
TOTAL FLIGHT TIME																			

7861-60410 rev 2

 # 1 ENGINE SERIAL NO. CAE-83700

2 ENGINE SERIAL NO. _____

HELICOPTER LOG

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☐ 25 HR. INSP. DUE
☐ 100 HR. INSP. DUE

OWNER _____
REGISTRATION NO. N169AA
MODEL BELL 206BIII
MFG'RS SERIAL 990

HELICOPTER LOG

DATE	TAKEOFF HR. MIN.	LAND HR. MIN.	FLIGHT TIME BRGT. FWD. HR. MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
					COVER FOR LANDING LIGHT, Clean m/g box and tail rotor oil check and detectors, Repreze m/g box oil filter, reservoir with mobil 254 turbine oil. Change hydraulic fluid and clean filter, reservoir with mil 5606. Regrease m/r, swash plate t/r and tail rotor drive shaft bearings. Clean and relube FWD t/r drive shaft in engine compartment. Remove and replace airframe fuel filter and bleed as required. Remove PAFICAL separator cleaned inspected and reinstalled to certify this A/L has been inspected I/A/W A BELL 100hr 200hr 300hr and annual inspection and was found Airworthy at this time	
TOTAL FLIGHT TIME						

ENGINE LOG

				# 1 ENGINE TIME BRGT. FWD. HR. MIN.		# 2 ENGINE TIME BRGT. FWD. HR. MIN.		START CYCLES # 1 # 2		REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
DATE	GROUND TIME HR. MIN.	AIR TIME HR. MIN.									
										WAS INSPECTED I/A/W A 100hr 200hr 300hr/annual inspection and was found to be Airworthy at this time	
TOTAL FLIGHT TIME											

1 ENGINE SERIAL NO. CAE-83700
2 ENGINE SERIAL NO. _____

☐ 100 HR. INSP. DUE

MFG'RS SERIAL _____

HELICOPTER LOG						MFG'RS SERIAL _____			
DATE	TAKEOFF HR.	MIN.	LAND HR.	MIN.	FLIGHT TIME BRGT. FWD. HR.	MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
							07/02/21		
							I FIND THE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATION REQUESTED AND I HAVE ISSUED A STANDARD AND RESTRICTED AIRWORTHINESS CERTIFICATE DATED 07/02/21 IN ACCORDANCE WITH FAR 21.183d AND 21.187. NEXT ANNUAL INSPECTION IS DUE 07/02/22. RESTRICTED CERTIFICATION IS FOR AGICULTURAL OPERATIONS. LIMITATIONS ARE PART OF THIS AND ARE ISSUED DATED 07/02/21		
							[Redacted Signature]		
							KEIGH R. GRANLUND CERTIFICATION No. [Redacted]		

[illegible]

HELICOPTER LOG

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☐ 25 HR. INSP. DUE
☐ 100 HR. INSP. DUE

 OWNER PERCE ASSOC
 REGISTRATION NO. N169AA
 MODEL BHT 206B
 MFG'RS SERIAL 990

HELICOPTER LOG

DATE	TAKEOFF HR. MIN.	LAND HR. MIN.	FLIGHT TIME BRGT. FWD. HR. MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
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JUL 09 2022

 A/C REG.: N169AA
 DATE: 09-Jul-22

 SERIAL No.: 990
 WO No.: RCC22-81

 TAFT: 13,246.7
 MODEL: 206B III

 CYCLES: 13746
 Eng. Time: 12,141.0

THIS HELICOPTER IS BEING MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED INSPECTION SCHEDULE AS PER FAR 91.409 (e) (f) 3

SCHEDULED INSPECTION CARRIED OUT:

- 100 Hour Airframe Inspection carried out IAW BHT-206-series MM5-20
- 100 Hour Engine Inspection complied with IAW Rolls Royce 10W2 Table 602
- 300 Hour Airframe inspection complied with in accordance with BHT-206A/B-Series-MM-1-5-29
- 300 Hour Engine Inspection carried out IAW Rolls Royce 10W2 Table 602
- 12 Month Airframe Inspection complied with IAW BHT-206A/B/L-MM-5.33
- 12 Months of Component Operation Inspection complied with IAW BHT-206A/B/L-MM-5.34 (Main Rotor Mast Internal Inspection)
- Tail Gearbox and Main Transmission oils drained and replenished on 12 Month Calendar limit as per BHT-206A/B/L-MM Table 12-3 (serviced with Mobil 254)
- Hydraulic Fluid drained and replenished on 12 Month Calendar limit as per BHT-206A/B/L-MM Table 12-5 (serviced with H-5606)
- 12 Month greasing requirements carried out on 12 Month Calendar limit as per BHT-206A/B/L-MM Table 12-6
- Engine oil drained and replenished with Mobil 254
- Scavenge oil filter part No.038088-08 replaced PO 22-1024
- Annual Fire Extinguisher Inspection complied with IAW FAR Requirement (unit part No A344 Serial No E-92814479)
- 100 Hour/Annual Kamatics Main Driveshaft inspection carried out IAW SIN 2348 Rev K
- 100/300 Hour Van Horn Tail Rotor Blade inspection complied with IAW ICC VMM-206B-301
- 300 Hour/Annual Inspection of AAI flight steps carried out IAW ICA AA01-01160

AIRWORTHINESS DIRECTIVES AND ASBs COMPLIED WITH:

- Airworthiness Directive 22-10-06 affects Turbine Assembly CAT-25908. The Turbine assembly must be removed by TAFT 13,401.7
- ASB 206-21-141, Part II, Main Rotor Pitch Link Assembly Inspection of... is not applicable by installed part number
- 300 Hour/12 Month proof loading of tail rotor driveshaft bonded couplings in accordance with ASB 206-20-139 is not applicable by T/R driveshaft configuration.
- ASB 206-21-141, Part II, Main Rotor Pitch Link Assembly Inspection of... is not applicable by installed part number.

Additional Work carried out

- Tail Rotor rigging carried out in accordance with the Van Horn tail rotor blade installation instructions and the BHT MM.
- Turbine Assembly part No.23038241 serial No. CAT-38479F removed for over temp inspection. Rental Turbine part No. 23069745 serial No CAT-25908 installed. TSO: 1614.30CSO: 1752.0 installed Time remaining until Mini is 136.0 hours. Essential Turbines WO 35854
- Isolation Mount part No 206-031-539-101 serial No LK 7543 removed (weak) Customer Supplied, new Isolation mount part No 206-031-539-101 serial No LK12230 installed. Mount modified IAW Kamatics drawing SKC2782 rev F. PO RCC 22-1031
- Nicad battery part No 206-072-103 serial No 102010 removed
- Concorde RG 206 serial No. 41188190 Installed customer supplied. Weight and balance equipment list amended to reflect the change.
- Tail Rotor Pitch change bearing part No 204-011-769-001 replaced due to cage wear previous cert C-GRBZ Pin part No 100-035-187.5-30.5 replaced due to wear. Previous cert C-FEBG Pin part No 100-035-125-12 replaced due to wear Previous cert C-FEBG
- Main Rotor Blades 206-010-200-1330serial No. A8745 (repaired on Heliblade WO 3719) TSN: 2442.9 and Blade part No 206-010-200-133 serial No A-8693 TSN: 2442.9 installed on Main rotor hub part No 206-011-100-021 serial No GDLM-11980. Static Balance carried out and assembly installed on aircraft

ENGINE SERIAL NO. _____

ENGINE SERIAL NO. _____

MARKS SIGNATURE & LICENSE NO. _____

HELICOPTER LOG

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☐ 25 HR. INSP. DUE

☐ 100 HR. INSP. DUE

OWNER _____

REGISTRATION NO. N169AA

MODEL Bell 206B

MFG'RS SERIAL 990

HELICOPTER LOG

DATE	TAKEOFF HR. MIN.	LAND HR. MIN.	FLIGHT TIME BRGT. FWD. HR. MIN.	NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
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JUL 09 2022

- Cone set 206-010-003-001 previous certification C-FEBG installed to replace missing parts
- Tail Rotor Gearbox output shaft cleaned, primed and top-coated IAW BHT SPM
- Swashplate friction adjusted IAW BHT-206A/B-Series-MM-1
- Hydraulic Pump seal part No CR4985 replaced HAS PO 23867
- Combustion Liner Part No 23056108 serial No MRBC 12683 installed to replace cracked liner removed during inspection. TSO: 440.8 Previous certification C-FEBG
- Rilpa Enterprises range extender removed.
- AAI range extender part No 206-285-100 with Locking cap installed.
- Flight manual supplement provided
- Diamond J TOT Indicator reset due to temperature exceedance
- During attempted start for ground run and leak check, the fuel management system failed to properly control the temperature. The start was aborted with no exceedances.
- Fuel Nozzle part No 23077068, serial No AG54507 removed
- Fuel Control Part No. M250-10603, serial No 3187 installed TSO 0.0 Essential Turbines WO # 33483
- After Fuel System Maintenance Ground run carried out IAW BHT-206A/B-Series-MM-1-5-46

AN INDEPENDENT CONTROL CHECK HAS BEEN PERFORMED FOR SECURITY AND SAFETY OF:

- Tail Rotor controls @ short link under gearbox (2 locations)
- Tail Rotor control rod part No 206-001-032-001 (under engine pan) (2 locations)
- Tail Rotor Pitch Links (4 Locations)
- Main Rotor Pitch Links (4 location)
- Swashplate input (3 locations)
- Fuel control linkage at the Control Lever
- Droop compensator at the Governor Control Arm

Mike Kimm 80-15-02
River City Choppers

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR AIRWORTHINESS. SUBJECT TO A SATISFACTORY TEST FLIGHT TO CONFIRM ENGINE PERFORMANCE FOLLOWING THE TURBINE AND FUEL CONTROL CHANGE, Also SATISFACTORY MAIN ROTOR TRACK AND BALANCE.

Lance Tanner 80-15-0
River City Choppers

1 ENGINE SERIAL NO. _____

2 ENGINE SERIAL NO. _____

REMARKS SIGNATURE & LICENSE NO.

JUL 10 2022

1 0 13247.7 TEST FLIGHT C/O AIRFRAME EXHAUST

TOTAL FLIGHT TIME 13,247.7

HELICOPTER LOG

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OWNER _____
REGISTRATION NO. N169AA
MODEL 206 B
MFG'RS SERIAL 990.

HELICOPTER LOG

DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
	HR.	MIN.	HR.	MIN.	BRGT. FWD.	HR.			

JUL 10 2022

The following tasks were completed during the run up, test flight or post-test flight:

- RPM Beep Range checked, good
- Ground idle set-61%
- Main Rotor Track and Balance confirmed- no adjustment required (both outboard tabs are zero)
- Main Rotor Auto revs checked and found to be acceptable
- Power check carried out (Standard Aero application)
- Main rotor mast nut torque check carried out IAW BHT-206-series-MM-1-5-47. movement noted. Torque Check to be repeated in 0.25 Hours Flight time
- Tail Rotor Driveshaft disc pack coupling bolts torque check carried out in accordance with Bell AMOC # 800033818

Torque	102
P Alt	5000
OAT	+9 C
N1	99%
TOT	726
TQ Margin	+10

- Compass Swing carried out:

N	0	S	180
30	30	210	210
60	60	240	240
E	90	W	270
120	120	300	300
150	150	330	330

ENGINE

DATE

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR AIRWORTHINESS.

Lance Tanner 80-15-01
River City Choppers

Test Flight carried out with satisfactory results

Mike Kimm

0313248.0 MAINTENANCE FLIGHT C/O

Addition flight time carried out as required by BHT-206-series-MM-1-5-47. (2) Main Rotor Mast Nut torque check carried out. No movement noted.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR AIRWORTHINESS.

Lance Tanner 80-15-01
River City Choppers

ENGINE SERIAL NO. _____

ENGINE SERIAL NO. _____

MARKS SIGNATURE & LICENSE NO. _____

☐ 100 HR. INSP. DUE

OWNER _____

REGISTRATION NO. N169AA

MODEL Bell 206B

MFG'RS SERIAL 990.

HELICOPTER LOG						MFG'RS SERIAL			
DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
	HR.	MIN.	HR.	MIN.	BRGT. FWD. HR.	MIN.			
14 12 2022	09	10	09	30	132	48.3	CYNJ-KBL1		
TOTAL FLIGHT TIME									

ENGINE LOG										# 1 ENGINE SERIAL NO.	# 2 ENGINE SERIAL NO.	
DATE	GROUND TIME		AIR TIME		# 1 ENGINE TIME BRGT. FWD.		# 2 ENGINE TIME BRGT. FWD.		START CYCLES		REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS	SIGNATURE & LICENSE NO.
	HR.	MIN.	HR.	MIN.	HR.	MIN.	HR.	MIN.	# 1	# 2		
UL 122022			0	20					2			
TOTAL FLIGHT TIME												