



HELICOPTER COMPANY

R66 AIRFRAME MAINTENANCE RECORD

2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

SECTION 6

ALTIMETER AND STATIC SYSTEM CHECKS (Continued)

Serial Number 0087	Registration N460BG	Manufacturer ROBINSON HELICOPTER CO.	Model R66 TURBINE	Date of Manufacture 01/13/2012
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Item Affected	Manufacturer	Model	Serial Number	Check Date	Check Interval	Next Check Due	Compliance Details	Authorization
							The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 I/A/W FAR 43, Appendix "E" have been performed: APPENDIX "E" Para (a) Static System 10/03/19 (date) Para (b) Altimeter (s) Pilots 5934P-3 C/P's S/N 492249 S/N Tested to 20,000 feet Date 10/03/19 Para (c) Integrated System Test 10/03/19 (date) Signature [Signature] Work Order No. 16074 AURIC AVIONICS & INSTRUMENTS 6109 G. BELLANCA ST. NEW ORLEANS, LA 70126 FAA APPROVED REPAIR STATION NO: UAWR246L	
							ATC Transponder tests and inspections as required by FAR 91.413 I/A/W FAR 43, Appendix "F", have been performed: Transponder #1 Model GTX330ES S/N 84122938 Transponder #2 Model S/N [Signature] Date 10/03/19 Signature [Signature] Work Order No. 16074 AURIC AVIONICS & INSTRUMENTS 6109 G. BELLANCA ST. NEW ORLEANS, LA 70126 FAA APPROVED REPAIR STATION NO: UAWR246L 504-245-0072 PHONE 504-245-2495 FAX	
							#1 GTX330ES Transponder S/N 84122938 #2 Transponder S/N Has been tested and was found to be in compliance with the requirements of FAR 91.413 (Part 43, APP F) Date 11-12-21 Houma Avionics, Inc. FAA CRS # AE2R687K Houma, LA Signature [Signature]	



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RADIO AND ELECTRONIC CHECKS

Statement		Component Data	Authorization
The following transponder has been tested per 14 CFR § 91.413, RPS 77 and has been found to comply with 14 CFR Part 43, Appendix F and also meets EASA.R.AMOC.01117R1 for compliance with EASA AD 2006-0265. (A804 and C804 installation records are on file at RHC).	MANUFACTURER	GARMIN	
	MODEL	GTX-330	
	SERIAL NO.	84142690	

[illegible]



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SECTION 7

RADIO AND ELECTRONIC CHECKS (Continued)

Serial Number	Registration	Manufacturer	Model	Date of Manufacture
0087	N460BG	ROBINSON HELICOPTER CO.	R66 TURBINE	01/13/2012

Item Affected	Equipment	Check Date	Check Interval	Next Check Due	Type of Check	Result	Authorization
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AURIC AVIONICS & INSTRUMENTS

FAA CRS # UAWR246L

6109 G. Bellanca Street
Lakefront Airport - Bastian-Mitchell Hangar
New Orleans, LA 70126
(504) 245-0072

08/13/2021
N460BG
Robinson R66 S/N 0087
Work Order(s): 17255

Removed the existing defective top GA58 Traffic Antenna and installed a new GA58 Traffic Antenna S/N 124017655. Replaced all QMA Coax Connectors for top and bottom Traffic Antennas. Removed the existing defective GTS800 Traffic Processor S/N 15L006677 and installed a factory overhauled GTS800 Traffic Processor S/N 15L010881. Configured and tested system as required. All ops ground checked nominal after repairs. Aircraft approved for return to service with respect to work performed in the above listed Work Order(s).

Victor Schilleci, IV

FAA-CRS# UAWR246L
AuricAvionics@aol.com

Panther Helicopters
W/O#: 460 051722

2017 Engineers Road Belle Chasse Louisiana USA 70037 Tel : 504-394-5803

Open at date : 5/17/2022

Close date : 5/17/2022

Page: 1 Of 1

For Aircraft : N460BG , Airframe , R-66 Turbine , 0087
Total: Hours 1208.20 Cycles 1228.00 Landings Other
Airframe TSO CSO LSO OSO

Performed ground run, no leaks or defects noted.

- 1 , Performed R-66 Scheduled Inspections, Annual Inspection. . Inspected IAW Robinson MM Model R-66 Section 5-45.
- 2 , Performed R-66 Scheduled Inspections, ELT Annual Inspection. . Inspected IAW FAR 91.207.
- 3 , Performed R-66 Scheduled Inspections, Gearbox Chip Detectors 600 Hour. . Inspected IAW Robinson MM Model R-66 Section 12-13 & 12-22.
- 4 , Performed R-66 Scheduled Inspections, Monthly Blade Wipe Down. . Wash and Apply WD40 to Blades monthly.

Certificate of return to service

I certify that the above inspections were done in accordance with the manufacture inspection programs and this aircraft was deemed to be in airworthy condition and is approved for return to service.

Signed off by : **Kenneth Poole**

Certificate Number : **IA** 437291466

Signature :

Kenneth L. Poole

I CERTIFY THAT THE COMPULSORY CHECK ITEMS HAVE BEEN
COMPLIED WITH ON AIRCRAFT 460BG
IN ACCORDANCE WITH PANTHER HELICOPTERS, INC.
COMPULSORY CHECK ITEM PROGRAM.

DATE 5/17/22

TOTAL TIME 1208.2

SIGNATURE *Kenneth L. Poole*

CERT # 442437291466 IA

Panther Helicopters

W/O#: 460=051722

Open at date : 5/17/2022
Close date : 5/17/2022
Tel : 504-394-5803
Page: 1 Of 1

2017 Engineers Road Belle Chasse Louisiana USA 70037

For Aircraft : N460BG	Airframe	R-66 Turbine	0087
Total:	Hours 1208.20	Cycles 1228.00	Landings
Airframe	TSO	CSO	LSO
			OSO

Performed ground run, no leaks or defects noted.

- 1 , Performed R-66 Scheduled Inspections, Airframe 100 Hour. . Inspected according to Robinson MM Model R-66 Section 5-45.

Certificate of return to service

I certify that the above inspections were done in accordance with the manufacture inspection programs and this aircraft was deemed to be in airworthy condition and is approved for return to service.

Signed off by : Kenneth Poole
Certificate Number : IA 437291466
Signature :



I CERTIFY THAT THE COMPULSORY CHECK ITEMS HAVE BEEN
COMPLIED WITH ON AIRCRAFT N460BG
IN ACCORDANCE WITH PANTHER HELICOPTERS, INC.
COMPULSORY CHECK PROGRAM.

DATE 5-17-22
TOTAL TIME 1208.2
SIGNATURE Kenneth Poole
CERT # A-1437291466 IA

Panther Helicopters
W/O#: 460-100521

Open at date : 10/5/2021
Close date : 10/5/2021
Tel : 504-394-5803
Page: 1 Of 1

2017 Engineers Road Belle Chasse Louisiana USA 70037

For Aircraft : N460BG , Airframe , R-66 Turbine , 0087

Total:	Hours <u>1181.30</u>	Cycles <u>1203.00</u>	Landings	Other
Airframe	TSO	CSO	LSO	OSO

1 , Performed Install,R-66 Float Inflation Cable. . On Float Inflation Cable ,
649,8901,VT237516. . Removed and replaced float inflation cable IAW Dart Aerospace
ICA66-1 rev. H.

2 , Performed R-66 Scheduled Inspections, 18 Month Float Inspection. . Inspected IAW
Apical ICA66-1.

Certificate of return to service

I certify that the above inspections were in accordance with the manufacturers inspection
program.

Signed off by : Kenneth Poole

Certificate Number : A&P 437291466

Signature :



Panther Helicopters
WIO#: 460040721A

Open at date : 4/7/2021
Close date : 4/7/2021
Tel : 504-394-5803
Page: 1 Of 1

2017 Engineers Road Belle Chasse Louisiana USA 70037

For Aircraft : N460BG	Airframe	R-66 Turbine	008Z
Total:	Hours 1161.60	Cycles 1182.00	Landings
Airframe	TSO	CSO	LSO
			OSO

Performed ground run, no leaks or defects noted.

- 1 , Performed R-66 Scheduled Inspections, Hydraulic Filter 600 Hour. . Replaced filter IAW Robinson MM Mosel R-66 Section 12-32.
- 2 , Performed R-66 Scheduled Inspections, Main Rotor Gearbox 600 Hour Oil and Filter. . Removed and replaced filter and oil IAW Robinson MM Model R-66 Section 12-12.
- 3 , Performed R-66 Scheduled Inspections, Airframe 100 Hour. . Inspected according to Robinson MM Model R-66 Section 5-45.
- 4 , Performed R-66 Scheduled Inspections, Annual Inspection. . Inspected IAW Robinson MM Model R-66 Section 5-45.
- 5 , Performed R-66 Scheduled Inspections, ELT Annual Inspection. . Inspected IAW FAR 91.207.
- 6 , Performed R-66 Scheduled Inspections, Monthly Blade Wipe Down. . Wash and Apply WD40 to Blades monthly.
- 7 , Performed R-66 Scheduled Inspections, Gearbox Chip Detectors 600 Hour. . Inspected IAW Robinson MM Model R-66 Section 12-13 & 12-22.
- 8 , Performed R-66 Scheduled Inspections, Tail Rotor Gearbox 600 Hour. . Inspected IAW Robinson MM Model R-66 Section 12-23.

Certificate of return to service

I certify that the above inspections were done in accordance with the manufacture inspection programs and this aircraft was deemed to be in airworthy condition and is approved for return to service.

Signed off by : Kenneth Poole

Certificate Number : IA 437291466

Signature :

Kenneth A. Poole

Panther Helicopters
W/O#: 460-032520

Open at date : 3/25/2020
Close date : 3/25/2020
Tel : 504-394-5803

Page: 1 Of 1

2017 Engineers Road Belle Chasse Louisiana USA 70001

For Aircraft : N460BG , Airframe , R-66 Turbine , 0087

Total: Hours 1128.40 Cycles 1141.00 Landings Other
Airframe TSO CSO LSO OSO

- 1 , Performed R-66 Scheduled Inspections, 18 Month Float Inspection. . Inspected IAW Apical ICA66-1.
- 2 , Performed R-66 Scheduled Inspections, 3 Year Float Inspection. . Inspected IAW Apical ICA66-1.

Certificate of return to service

I certify that the above inspections were in accordance with the manufacturers inspection program.

Signed off by : David Fuglaar
Certificate Number : A&P 2817527

Signature : 

Panther Helicopters, Inc.

W/O#: 0BG-052520

2017 Engineers Road Belle Chasse La USA 70037
Open at date : 5/25/2012
Close date : 5/25/2012
Tel : 504-394-5803
Page: 1 Of 1

For Aircraft : N460BG , Airframe , R-66 Turbine , 0087
Total: Hours 100.60 Cycles 96.00 Landings Other
Airframe TSO CSO LSO OSO
Removed and inspection transmission oil filter and installed new filter. Ground run and no leaks noted at this time.

1 , Performed R-66 Scheduled Inspections,Airframe 100 Hour. . Inspected according to Robinson MM Model R-66 Section 5-45.

Certificate of return to service

I certify that the above inspections were done in accordance with the manufacture inspection programs and this aircraft was deemed to be in airworthy condition and is approved for return to service.

Signed off by : Myron L. Hillers

Certificate Number : A&P 3377797

Signature :

Myron L Hillers



Make: Robinson
Model: R66
Serial No: 0087
Registration: N460BG

Date: 09/24/2012
Work Order: 2338
Hr. Meter: 24.4

Sanded and repainted aircraft. All work accomplished in accordance with 14 CFR Part 43. Aircraft approved for return to service.

Primers: SW CMO483660 & CMO560566
Base Color: SW Jet Glo Express Snow White #840102
Split Base Color: SW Acry Glo Charcoal Gray #10492
1st Stripe Color: SW Acry Glo Maroon #10700
2nd Stripe Color: SW Acry Glo Platinum #10510

Murmur Aircraft Services
503 McKeever Rd. #1504
Arcola, TX 77583
FAA CRS: GG2R845K

Authorized Signature: *Ann Johnson*



2901 Airport Drive, Torrance, California 90505
Phone (310) 539-0508 Fax (310) 539-5198

GENERAL MAINTENANCE

Date of Completion	Helicopter Time in Service	GENERAL MAINTENANCE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)	Authorization of Work Performed / Approval for Return to Service

SECTION 10 GENERAL MAINTENANCE Revision A Page 10-5



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R66 AIRFRAME MAINTENANCE RECORD

SECTION 10

GENERAL MAINTENANCE

Serial Number	Registration	Manufacturer	Model	Date of Manufacture
0087	N460BG	ROBINSON HELICOPTER CO.	R66 TURBINE	01/13/2012
Date of Completion	Helicopter Time in Service	GENERAL MAINTENANCE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)		Authorization of Work Performed / Approval for Return to Service
6-18-2020	1129.2	Installed 2 new Tail Rotor P/K Linker P/N B3454, Installed new tail rotor pitch control Assy P/N C031-1. Performed dynamic balance of tail rotor Assy. All work done IAW Robinson R-66 MAINTENANCE MANUAL Ch. 18, 64 & 67. Performed ground run. No knots or defects noted.		William J. Brown AP 37291466
10-20-20	1144.0	Replaced R/H fwd p/n F003-6, R/H aft p/n F003-18, and L/H aft p/n F003-17 headliners. Replaced L/H p/n F003-25 and R/H p/n F003-26 aft wall insulation liners. Replaced L/H upper bush pull rod end p/n D173-2. All work IAW R66 MM Ch. 25 & 67.		Kenneth R. Hall AP 437291466
11-17-20	1154.4	Complied with SB 35A IAW KI-233-2 Turbine Chin Access Cover Installation Kit Instructions.		Kenneth R. Hall AP 437291466
03-05-21	1161.6	Installed 2 new fwd door gas struts p/n D57S-1 & 2 new rear door gas struts P/N C394-1 IAW R-66 maintenance manual ch 52 para 52-13.		Richard J. Leach AP 439060265
3-12-21	1161.6	Installed new fire extinguisher p/n RT-A4005/P D58312480.		Richard J. Leach AP 439060265
3-30-21	1161.6	Installed new compressor mount Armweldment P/N G781-1. Installed new baggage door gas strut P/N G904-1. Installed new Rod End bearing p/n D173-3 in swashplate to fork. All work done IAW Robinson R-66 maintenance manual chapters 21, 52 & 67.		Richard J. Leach AP 439060265
04-07-21	1161.6	Complied with SB 22A by replacing 8 nut plates with p/n M821087-4 IAW SB instructions.		Kenneth R. Hall AP 437291466



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3-20-18	940.6	Replaced 2 ea p/n C654-2 Danger Decals on lower Vertical stabilizer and replaced 2 ea p/n C648-2 Bearings, 2 ea each C105-6 Journals in C203-5 Yoke all IAW Robinson R66 MM.		<i>Kimball</i> A+P 437291466
10-1-18	1012.7	Removed and replaced all four float covers p/n's fwd R/H C49.9202, fwd L/H C49.9201, aft L/H C49.9203, and aft R/H C49.9204 IAW Apeal JCA66-1 Rev E.		<i>Kimball</i> A+P 437291466
12-20-18	1040.3	INSTALLED NEW ELT BATTERY P/N 1840510-01 SANKANNAD Aviation CMM DOC 08038F Performed ops check of ELT. No defect noted.		<i>Rubel Luck</i> A+P 434060265
12-26-18	1040.3	Removed rear servo actuator P/N D212-6 S/N 14516 due to excessive leakage. Installed serviceable servo P/N D212-6 S/N 17681 TTSN: unknown TSO: 0 JAW RHC maint manual Ch 28. No leaks or defects noted.		<i>Rubel Luck</i> A+P 434060265
12-26-18	1040.3	Removed main battery P/N RG325 S/N 406563716 due to weakness. Installed new RG-325 battery S/N 40979729 JAW RHC mm. Ch. 96. No defects noted. Installed new RT-A400 Fire extinguisher replaced ASS-2 cover & leak cover 18 seal on tail boom. Installed new F771-1 Air Filter.		<i>Rubel Luck</i> A+P 434060265
3-5-20	1123.4	Removed 2 ea p/n C258-1 pitch link assys and replaced with 2 ea p/n C258-5 pitch link assys per SL-20. Complied with SB-28 IAW KI-262-1 kit instructions, SB-30 IAW SB-30 compliance procedures 1 and 17-19, and SB-31 IAW KI-263-1 kit instructions. Replaced 2 ea droop stops p/n D151-2, 2 ea blade tips p/n F300-1, 2 ea danger decals p/n C654-2, 1 electrical rectifier p/n STPS 80HBOV 1 ea air filter p/n F771-1. repaired engine cowl, touched up paint on main & tail blades, and tracked & balanced aircraft IAW Robinson R66 MM.		<i>Kimball</i> A+P 437291466



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Serial Number 0087	Registration N460BG	Manufacturer ROBINSON HELICOPTER CO.	Model R66 TURBINE	Date of Manufacture 01/13/2012		
Date of Completion	Helicopter Time in Service	GENERAL MAINTENANCE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)			Authorization of Work Performed / Approval for Return to Service	SIGN CERT
4-22-13	234.6	REMOVED, CLEANED & REINSTALLED TAIL ROTOR FITCH CHANGE MECHANISM DUE TO SEWEAKING. BALANCED TAIL ROTOR TO 1.2X			Mymn 271101 AP3377797	
7-26-14	426.5	INSTALLED APICAL EMERGENCY FLOAT KIT PN 649, 9402 IN ACCORDANCE WITH STC SRO24B44A USING APICAL REDOBT 1166-1 REV B DATED 1/6/14. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ARE IN TCA66-1 REV A DATED 1/6/14. FLIGHT MANUAL SUPPLEMENT FOR EMERGENCY FLOATS WAS INSERTED IN FLIGHT MANUAL. WEIGHT & BALANCE WAS UPDATED TO REFLECT CHANGES.			Panther Helicopters Mymn 271101 AP3377797	
2-1-16	744.6	Replaced TR O/S Inspection Cover pn: A-558-2, Replaced Danger Decal pn: C-654-2, Replaced Compressor Inlet Filter pn: F771-1, Replaced Starter Generator Filter pn: F771-4, Replaced Starter Air Duct A785-38, Replaced Fuel Tank Sump pn: A761-2, Replaced Both Upper Rod Ends on PC Links pn: Q173-3, Removed And Repainted Corrosion On Landing Gear Fairings, Anti Collision Light Base, & Blade Tip Covers, Tracked & Balanced Main Rotor. All Work Done INW Robinson MM.			Kymn 271101 AP 437291466	
3-30-16	758.7	Removed old style engine vent assy & installed new style engine vent assy pns: G727-1 (tube), F170-2 (fitting), NAS 617-12 (O'ring), A729-08 (tube), & M521919WCH12 (clamps). Work done INW Robinson IPC & MM ch 71.			Kymn 271101 AP 437291466	
4-6-16	758.7	Replaced air duct pn A785-37 INW Robinson MM.			Kymn 271101 AP 437291466	



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Date of Completion	Helicopter Time in Service	GENERAL MAINTENANCE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)		Authorization of Work Performed / Approval for Return to Service
10-7-16	799.1	INSTALLED 2 NEW C394-1 GAS STRUTS ON BOTH REAR DOORS. INSTALLED LEACH ASSB-2 INSPECTION COVER ON TAIL BOOM. INSTALLED NEW M929513-270 O-RING, LEACH O015-00423 GASKET ON FUEL MNY ACCESS PANEL. ALL WORK DONE IAW RHC R66 MAINT MANUAL		Richard L. Lutz A-P 437291466
4-6-17	839.5	REPLACED BOTH DANGER DECALS ON LOWER VERTICAL STABILIZER PLN C654-2, REPLACED TAIL ROTOR DRIVE OUTPUT SEAL PLN C966-8, REPLACED BOTH MR BLADE TIP CAPS PLN F300-1 + REPLACED ENGINE AIR FILTER PLN F771.1. REMOVED FUEL TANK PLN G028-1, SLN 03320M AND INSTALLED FUEL TANK PLN G028-1 SLN 01161. ALL WORK DONE IAW ROBINSON R66 MM. PERFORMED GROUND RUN AND LEAK CHECK. NO DEFECTS NOTED.		Richard L. Lutz A-P 437291466
6-12-17	869.3	REMOVED AFT 1/4" FLOAT BAG HOSE PH 602-3712 SLN 13007 DUE TO A KINK IN HOSE. REPLACED WITH PLN 602-3712 SLN 17015 IAW APICAL ICA 66-1 REV C.		Dan Z. Ziegler A-P 2817527
11-20-17	903.0	REMOVED + REPLACED AFT BATTERY RELAY PH: B415-2 IAW ROBINSON R-66 MM. OPERATIONAL CHECK GOOD.		Dan Z. Ziegler A-P 2817527
11-28-17	905.5	REPLACED PILOT DOOR GAS STRUT PH D575-1 WITH SAME P/N. WORK DONE IAW ROBINSON R-66 MAINT MANUAL, FUNCTION CHECKED.		Richard L. Lutz A-P 437291466
12-5-17	910.5	REMOVED DARTON CHRONOMETER M800 PH: A064-4 SN: D29381 AND REPLACED WITH PH: A064-4 SN: D39372 IAW ROBINSON R66 MM. O.P.'S CHECKED GOOD.		Dan Z. Ziegler A-P 2817527
1-5-18	919.1	REPLACED L/H LED NAVLIGHT ASSY PH: 01-071105-04 IAW ROBINSON R-66 MAINT MANUAL CH. 33. OPS CHECKED GOOD.		Dan Z. Ziegler A-P 2817527
1-10-18	919.1	CLEANED AND REPAINTED CORROSION ON MAIN ROTOR BLADES IAW ROBINSON MM 62-52. RESEALED EXHAUST FLANGE AND WELDMENT IAW ROBINSON MM 71-30. O.P.'S CHECKED NO LEAKS OR DEFECTS NOTED.		Richard L. Lutz A-P 437291466