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SECTION 8

SCHEDULED INSPECTIONS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	RECORD OF INSPECTION TYPE & SCOPE, DISCREPANCIES FOUND, & AIRWORTHINESS STATUS (CFR 43.11 & 91.409)	Signature and Certificate Number
5-23-24	4.01	FAA Production Flight Test Satisfactory	SIGN RHC PC424WE CERT
6-5-2024	4.01	I find that this rotorcraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 05 JUN 2024 MARTIN P. SCHNEIDER ODA606172NM Authorized Signature & Number	

TOMLINSON AVIATION INC.

11/1/2024
A/C TT: 50.7
Eng. TT: 50.7

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Changed mineral oil out for Aeroshell15w50 oil, removed and inspected oil filter no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3812 Aaron Trudell TINR227Y----------END----------

TOMLINSON AVIATION INC.

2-20-2025
A/C TT: 99.6

50/100Hr

This helicopter N5011T S/N:14754 has been inspected in accordance with Robinson Maintenance Manual pages 1.3 Table, scheduled maintenance, and pages 2.13 thru 2.37 100-hour inspection checklist. Verified the current SB's have been complied with. Complied with SB-117 FM update for operations in 5G c band areas. I certify that this airframe has been inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3826.----------End----------

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AIRFRAME MAINTENANCE RECORD

SECTION 8

SCHEDULED INSPECTIONS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	RECORD OF INSPECTION TYPE & SCOPE, DISCREPANCIES FOUND, & AIRWORTHINESS STATUS (CFR 43.11 & 91.409)	Signature and Certificate Number
			SIGN CERT

TOMLINSON AVIATION INC _____

4-30-2025
A/C TT: 199.2

100Hr/Annual/ Air Filter

This helicopter N5011T S/N:14754 has been inspected in accordance with Robinson Maintenance Manual pages 2.13 thru 2.37 100-hour inspection checklist. Verified the current SB's have been complied with. Complied with AD 15-19-07 fuel injector line inspection no defects noted next due at 299.2. Complied with one time AD 24-19-11 Shaft FWD Yoke/ Flex Plate, no defects or loose hardware next due N/A. Installed new engine air filter P/N C771-2. I certify that this airframe has been inspected in accordance with the 100hr/annual inspection criteria and was determined to be in airworthy condition in regards to the work performed and approved for return to service. Details on file on W/O 3844 Aaron Trudell CRS# T1NR227Y----------End----------

TOMLINSON AVIATION INC _____

6/4/2025
A/C TT: 247.5
Eng. TT: 247.5

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Serviced engine with Aeroshell 15W50. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3853 Aaron Trudell TINR227Y-------
----------END----------

TOMLINSON AVIATION INC _____

8-7-2025
A/C TT: 295.7

50/100Hr

This helicopter N5011T S/N:14754 has been inspected in accordance with Robinson Maintenance Manual pages 1.3 Table, scheduled maintenance, and pages 2.13 thru 2.37 100-hour inspection checklist. Verified the current SB's have been complied with. I certify that this airframe has been inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3862.----------End----------



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AIRFRAME MAINTENANCE RECORD

SECTION 8

SCHEDULED INSPECTIONS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	RECORD OF INSPECTION TYPE & SCOPE, DISCREPANCIES FOUND, & AIRWORTHINESS STATUS (CFR 43.11 & 91.409)	Signature and Certificate Number
		TOMLINSON AVIATION INC. _____ 9/17/2025 A/C TT: 344.6 Eng. TT: 344.6 **50 Hour Service** N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Installed new oil filter P/N 48108-2 serviced engine with Aeroshell 15W50. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3867 Aaron Trudell TINR227Y----------END----------	SIGN CERT
		TOMLINSON AVIATION INC. _____ 10-29-2025 A/C TT: 394.8 **50/100Hr** This helicopter N5011T S/N:14754 has been inspected in accordance with Robinson Maintenance Manual pages 1.3 Table, scheduled maintenance, and pages 2.13 thru 2.37 100-hour inspection checklist. Verified the current SB's have been complied with. I certify that this airframe has been inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3874.----------End----------	
		TOMLINSON AVIATION INC. _____ 11/25/2025 A/C TT: 443.3 Eng. TT: 443.3 **50 Hour Service** N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Installed new oil filter P/N 48108-2, serviced engine with Aeroshell 15W50. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3881 Aaron Trudell TINR227Y----------END----------	

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SECTION 8

SCHEDULED INSPECTIONS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	RECORD OF INSPECTION TYPE & SCOPE, DISCREPANCIES FOUND, & AIRWORTHINESS STATUS (CFR 43.11 & 91.409)	Signature and Certificate Number

Robinson R44 II N5011T S/N 14754 Col Hobbs: 473.9 Date: 9/1/26

- Performed Rotor/Engine overspeed inspection per MM 2.540 parts B and C.
- Drained pitch bearings, inspected fluid and replenished with fresh Dextron II ATF.
- Sent C106-7 Journals and C152-1 Thrust washers to NDT at E&I Aircraft see WO 0809 & 8130.
- Installed blades with new NAS634-105 bolt and C189-14 nuts.
- Performed tail rotor drive shaft runout inspection per 7.340.
- Removed powerplant and sent to Tropic Airpower for inspection. See WO E-1978.
- Installed inspected engine into aircraft.
- Removed EMU exceedance per RHC manual.
- Performed 100hr/Annual inspection in accordance with Far Part 43 appendix D and RHC M. Manual.
- Replaced Air filter with new C771-2
- Complied with SB-119A
- Replaced Hydraulic filter with new AN6235-1A per 1.170
- Lubricated C181-3 bearing per 1.140
- Drained and flushed bot MRGB and TRGB per 1.120 and 1.130
- Cleaned gearbox chip detectors per 1.115.
- Performed clutch assembly lubricant inspection and servicing per 7.210
- Performed main rotor blade tip maintenance per 28-60.
- Balanced MR to 0.11 IPS TR to 0.09 IPS Fan to 0.12 IPS
- Run up and operation check helicopter.

I certify this airframe has been inspected in accordance with 100hr/Annual inspection and is approved for return to service.

Michael Kazes A&P 3213919 IA

SIGN
CERT

SECTION 9

MAINTENANCE

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)	Signature and Certificate Number
		TOMLINSON AVIATION, INC. 8/6/2024 A/C TT: 36.1 Eng. TT: 36.1 **OAT Install** N5011T S/N 14754. Removed inop OAT gauge and installed new OAT P/N B-341-1 S/N D21199. Operations verified. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3803 Aaron Trudell TINR227Y----------END----------	SIGN CERT
		TOMLINSON AVIATION, INC. 9/30/2024 A/C TT: 39.3 Eng. TT: 39.3 **Fuel Cluster RR** N5011T S/N 14754. Removed inop fuel cluster gauge P/N B144-5 S/N L22-14003 and installed new Cluster P/N B-144-5 S/N B24-12413 Operations verified. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3808 Aaron Trudell TINR227Y----------END----------	
		TOMLINSON AVIATION, INC. 3/29/2025 A/C TT: 149.5 Eng. TT: 149.5 **50 Hour Service** N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Changed oil and filter, serviced with Aeroshell15w50 oil, removed and inspected oil filter p/n 48108-2 no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3836 Aaron Trudell TINR227Y----------END---------	
		TOMLINSON AVIATION, INC. 4/21/2025 A/C TT: 186.2 Eng. TT: 186.2 **Overspeed oil filter check** N5011T S/N 14754. inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB 369S ,SB480F and Robinson HMI. Due to a 4.6% overspeed. Changed oil serviced with Aeroshell15w50. Removed and inspected oil filter and sump suction screen no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3841 Aaron Trudell TINR227Y----------END----------	

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AIRFRAME MAINTENANCE RECORD

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SECTION 9

MAINTENANCE

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Date of Completion	Helicopter Time in Service	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED (CFR 43.9)	Signature and Certificate Number
		TOMLINSON AVIATION, INC. 5-15-2025 A/C TT: 279.2 Eng. TT: 279.2 **Starter RR** N5011T S/N 14754. Removed inoperative Starter P/N BC315-100-4 S/N 0923240928 and installed new starter P/N BC315-100-4 S/N 2A52E2P24 IAW HMI. Operations verified. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order 3849 Aaron Trudell TINR227Y----------END----------	SIGN CERT
		TOMLINSON AVIATION, INC. 12-3-2025 A/C TT: 450.9 Eng. TT: 450.9 **CHT Probe RR** N5011T S/N 14754. Removed CHT Probe P/N A760-2 for faulty operation. Installed new probe S/N E25-10072 IAW HMI. Operations verified. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order 3884 Aaron Trudell TINR227Y----------END----------	
		TOMLINSON AVIATION, INC. 1-13-2026 A/C TT: 471.9 Eng. TT: 471.9 **Magnetos RR** N5011T S/N 14754. Removed both magnetos due to an operation/indication issue. Magnetos removed: Right P/N 10-600646-201 S/N E23HA248 and Left P/N 10-600616-9 S/N E22HA588. Installed new Magnetos Right P/N R8265 S/N E23KA097 and Left P/N 10-600616-9 S/N E23CA135 IAW HMI and Lycoming O/H Manual. Operations verified and issue corrected. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order 3886 Aaron Trudell TINR227Y----------END----------	
3/4/26		Oil/Filter Changed due to sitting. 471.9 serviced w/15W50 and filter AA48108-2 3625595 A&P IA	

Engine Log & Maintenance Record

LOG #: _____

ENGINE DESCRIPTION

LYCOMING	IO-540-AE1A5
MANUFACTURER	**MODEL**
L-38645-48E	5-Mar-24
SERIAL NUMBER	**DATE OF MANUFACTURE**

INSTALLATION RECORD

ROBINSON R44II 14754	25-Apr-24	0
AIRCRAFT / SERIAL NUMBER	**DATE INSTALLED**	**TOTAL TIME**

New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number	ENPL-RT10586
Serial Number	L-38645-48E
Engine Model	IO-540-AE1A5
Work Order	KM1017113
Total Time	0

Form 777C Rev 05/13

3/5/24

Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
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Engine Log

Serial # _____

Engine Log Book

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #

TOMLINSON AVIATION INC _____

11/1/2024
A/C TT: 50.7
Eng. TT: 50.7

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480E and Operators Manual. Changed mineral oil out with Aeroshell 15w50 oil, removed and inspected oil filter no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3812 Aaron Trudell TINR227Y----------END----------

TOMLINSON AVIATION INC _____

2-20-2025
A/C TT: 99.6
Eng. TT: 99.6

50/100Hr

Serviced and inspected engine IO-540-AE1A5, S/N: L38645-48E in accordance with Lycoming 100hr inspection and service instruction SB480F and SB301B periodic inspection in Lycoming Operator's manual. Complied with SI1129B checked DC alternator belt tension. Complied with SI 1191A, compressions Cyl.1- 76/80, Cyl. 2- 78/80, Cyl. 3- 77/80, Cyl. 4- 77/80, Cyl. 5- 76/80, Cyl. 6- 76/80. Complied with SB643B magneto to engine timing verification. Removed, cleaned, gapped, tested and reinstalled spark plugs. AD 15-19-07 fuel injector line inspection, complied with, no defects noted per SB342G next due at 199.6. I certify that this engine was inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and is approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3826.----------END----------

TOMLINSON AVIATION INC _____

3/29/2025
A/C TT: 149.5
Eng. TT: 149.5

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Changed oil and filter, serviced with Aeroshell15w50 oil, removed and inspected oil filter p/n 48108-2 no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3836 Aaron Trudell TINR227Y----------END----------

TOMLINSON AVIATION INC _____

4/21/2025
A/C TT: 186.2
Eng. TT: 186.2

Overspeed oil filter check

N5011T S/N 14754. inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB 369S ,SB480F and Robinson HMI. Due to a 4.6% overspeed. Changed oil serviced with Aeroshell15w50. Removed and inspected oil filter and sump suction screen no particulates were observed. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3841 Aaron Trudell TINR227Y----------END----------

TOMLINSON AVIATION INC _____

4-30-2025
A/C TT: 199.2
Eng. TT: 199.2

100Hr/Annual/Air Filter

Serviced and inspected engine IO-540-AE1A5, S/N: L38645-48E in accordance with Lycoming 100hr inspection and service instruction SB480F and SB301B periodic inspection in Lycoming Operator's manual. Drained oil and replaced oil filter P/N 48108-2 and serviced with 15W50. Complied with SI1129B checked DC alternator belt tension. Complied with SI 1191A, compressions Cyl.1- 76/80, Cyl. 2- 77/80, Cyl. 3- 75/80, Cyl. 4- 77/80, Cyl. 5- 76/80, Cyl. 6- 77/80. Complied with magneto to engine timing verification. Removed, cleaned, gapped, tested and reinstalled spark plugs. AD 15-19-07 fuel injector line inspection, complied with, no defects noted per SB342G next due at 299.2. I certify that this engine was inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and is approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3844.----------END----------

TOMLINSON AVIATION INC _____

6/4/2025
A/C TT: 247.5
Eng. TT: 247.5

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Serviced engine with Aeroshell 15W50, I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3853 Aaron Trudell TINR227Y----------END----------

Total to Date: _____

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Engine Log

Serial # _____

TOMLINSON AVIATION, INC. _____

8-7-2025
A/C TT: 295.7
Eng. TT: 295.7

50/100Hr

Serviced and inspected engine IO-540-AE1A5, S/N: L38645-48E in accordance with Lycoming 100hr inspection and service instruction SB480 and SB301B periodic inspection in Lycoming Operator's manual. Checked DC alternator belt tension. Compressions as follows: Cyl 1- 77/80, Cyl. 2- 76/80, Cyl. 3- 77/80, Cyl. 4- 78/80, Cyl. 5- 77/80, Cyl. 6- 76/80. Verified magneto to engine timing. Removed, cleaned, gapped, tested and reinstalled spark plugs. AD 15-19-07 fuel injector line inspection, complied with, no defects noted per SB342G next due at 395.7. I certify that this engine was inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and is approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3862.----------END----------

TOMLINSON AVIATION, INC. _____

9/17/2025
A/C TT: 344.6
Eng. TT: 344.6

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Installed new oil filter P/N 48108-2, serviced engine with Aeroshell 15W50. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3867 Aaron Trudell TINR227Y----------END----------

TOMLINSON AVIATION, INC. _____

10-29-2025
A/C TT: 394.8
Eng. TT: 394.8

50/100Hr

Serviced and inspected engine IO-540-AE1A5, S/N: L38645-48E in accordance with Lycoming 100hr inspection and service instruction SB480 and SB301B periodic inspection in Lycoming Operator's manual. Checked DC alternator belt tension. Adjusted AC compressor belt tension IAW HMI. Compressions as follows: Cyl.1- 76/80, Cyl. 2- 76/80, Cyl. 3- 75/80, Cyl. 4- 77/80, Cyl. 5- 76/80, Cyl. 6- 77/80. Verified magneto to engine timing. Removed, cleaned, gapped, tested and reinstalled spark plugs. AD 15-19-07 fuel injector line inspection, complied with, no defects noted per SB342G next due at 494.8. I certify that this engine was inspected in accordance with the 100hr inspection criteria and was determined to be in airworthy condition in regards to the work performed and is approved for return to service. Aaron Trudell CRS# T1NR227Y, Work Order 3874.----------END----------

TOMLINSON AVIATION, INC. _____

11/25/2025
A/C TT: 443.3
Eng. TT: 443.3

50 Hour Service

N5011T S/N 14754. Serviced and inspected engine IO-540-AE1A5, S/N L-38645-48E, IAW Lycoming Service Instructions SB480F and Operators Manual. Removed and inspected oil filter no particulates were observed. Installed new oil filter P/N 48108-2 serviced engine with Aeroshell 15W50. I certify this aircraft to be in airworthy condition in regards to the work performed and is approved for return to service. Details on file under Work Order # 3881 Aaron Trudell TINR227Y----------END----------

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

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Date	Aircraft Total Time (Hours)	Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT					

Lycoming IO-540-AE1A5 S/N L-38645-48E Col Hobbs: 473.9 Date 9/1/26

- Removed engine due to overspeed inspection per 2.540 part C. Sent engine to Tropic Airpower for inspection, see Tropic AP WO E-1978 and attached paperwork for more information.
- Installed engine into airframe per RHC MM.
- Performed 100hr/Annual inspection in accordance with Far Part 43 appendix D and Lycoming M. Manual.
- Balanced Fan wheel to 0.12 IPS.
- Run up and operation check engine.
- I Certify this engine has been inspected in accordance with 100hr/Annual inspection and is approved for return to service.

Michael Kazes A&P 3213919 IA

age Total: _____

rought Forward: _____

otal to Date: _____

All repair data must bear the endorseme
a certified mechanic, and his/her rating
certificate number MUST be shown.

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SECTION 4

LIFE-LIMITED PARTS OR OVERHAUL REQUIREMENTS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Part Name	Part Number	Serial Number	Time on Helicopter at Installation	Time on Part at Installation	Life-Limit or TBO	Time on Helicopter at Removal	Authorization
Main Rotor Gearbox	C006-7	12791	0.00 HOURS 20/MAY/2024 DATE	NEW	2200 TBO	HOURS DATE	SIGN CERT
Main Rotor Blade	C016-7	16949	0.00 20/MAY/2024	NEW	2200 HR OR 12 YEARS		
Main Rotor Blade	C016-7	16967	0.00 20/MAY/2024	NEW	2200 HR OR 12 YEARS		
Swashplate Assembly	C017-6	7338	0.00 20/MAY/2024	NEW	2200 TBO		
Frame Assembly	C020-1	12071	0.00 20/MAY/2024	NEW	2200 LIFE		
Tail Rotor Gearbox	C021-1	11474	0.00 20/MAY/2024	NEW	2200 TBO		
Tailcone Assembly	C023-15	12355	0.00 20/MAY/2024	NEW	4400 LIFE		
Tail Rotor Blade	C029-3	19242	0.00 20/MAY/2024	NEW	2200 HR OR 12 YEARS		
Tail Rotor Blade	C029-3	19243	0.00 20/MAY/2024	NEW	2200 HR OR 12 YEARS		
Tail Rotor Hub Assembly	G062-2	9213	0.00 20/MAY/2024	NEW	2200 LIFE		
Tail Rotor Pitch Control	C031-1	15071	0.00 20/MAY/2024	NEW	2200 TBO		
Actuator	C051-2	11234	0.00 20/MAY/2024	NEW	2200 TBO		
Main Rotor Gearset	C146-2	R3101	0.00 20/MAY/2024	NEW	2200 LIFE		
Main Rotor Hub	C154-1	14013	0.00 20/MAY/2024	NEW	2200 LIFE		
Main Rotor Spindle	C158-1	31800	0.00 20/MAY/2024	NEW	2200 LIFE		

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AIRFRAME MAINTENANCE RECORD

SECTION 4

LIFE-LIMITED PARTS OR OVERHAUL REQUIREMENTS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Part Name	Part Number	Serial Number	Time on Helicopter at Installation	Time on Part at Installation	Life-Limit or TBO	Time on Helicopter at Removal	Authorization
Main Rotor Spindle	C158-1	31799	0.00 HOURS 20/MAY/2024 DATE	NEW	2200 LIFE	HOURS DATE	SIGN CERT
Clutch Shaft	C166-5	3876	0.00 20/MAY/2024	NEW	2200 TBO		
Bearing Assembly	C181-3	12774	0.00 20/MAY/2024	NEW	2200 TBO		
Sprag Clutch	C188-3	14630	0.00 20/MAY/2024	NEW	2200 TBO		
Main Rotor Drive Shaft	C251-2	R10391	0.00 20/MAY/2024	NEW	2200 TBO		
Main Rotor Gearbox Sump	C263-2	10295	0.00 20/MAY/2024	NEW	2200 LIFE		
Main Rotor Gearbox Housing	C264-2	12791	0.00 20/MAY/2024	NEW	2200 LIFE		
Tail Rotor Gearset	C545-2	14462	0.00 20/MAY/2024	NEW	2200 LIFE		
Bearing Set	C647-12	232697	0.00 20/MAY/2024	NEW	2200 LIFE		
Tail Rotor Guard	D079-1	14708	0.00 20/MAY/2024	NEW	2200 LIFE		
Tail Rotor Drive Shaft	D196-1	11874	0.00 20/MAY/2024	NEW	4400 LIFE		
Hydraulic Reservoir Assembly	D211-2	7553	0.00 20/MAY/2024	NEW	2200 TBO		
Hydraulic Servo Assembly	D212-1	37814	0.00 20/MAY/2024	NEW	2200 TBO		
Hydraulic Servo Assembly	D212-1	37815	0.00 20/MAY/2024	NEW	2200 TBO		
Hydraulic Servo Assembly	D212-1	37795	0.00 20/MAY/2024	NEW	2200 TBO		

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SECTION 4

LIFE-LIMITED PARTS OR OVERHAUL REQUIREMENTS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Part Name	Part Number	Serial Number	Time on Helicopter at Installation	Time on Part at Installation	Life-Limit or TBO	Time on Helicopter at Removal	Authorization
Hydraulic Pump Assembly	D500-1	8201	0.00 HOURS 20/MAY/2024 DATE	NEW	2200 TBO	HOURS DATE	SIGN CERT
Horizontal Stabilizer	F050-2	0363	0.00 20/MAY/2024	NEW	4400 LIFE		

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SECTION 5

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

Helicopter Serial Number	Registration Number	Model	Date of Manufacture
14754	N5011T	R44 II	05/JUN/2024

Airworthiness Directive or Service Bulletin No.	Item Affected	Time of Compliance	One-Time or Recurring	Next Due	Compliance Details	Authorization
All Service Bulletins complied with through SB-116 as applicable. All Airworthiness Directives complied with through biweekly issue AD 2024-11 during production.						occupational SIGN RHC PC424WE CERT
24-20-03	Gov. Control				N/A By Rev.	TINR227Y
see Eng book 15-19-07	Fuel Injector line INSP	99.6		199.6	INSpected lines, no defects	TINR227Y
SB-117	5G C Band	99.6			updated FMS	TINR227Y
24-19-11	clutch shaft FWD YOKE	199.2		N/A	complied w/ visual no defects noted	TINR227Y
24-20-03	GOV failure due to water	199.2		N/A	Rev G does not apply to AD	TINR227Y
2024-23-01	MAIN ROTOR DRIVE SYSTEM	472.3 8/3/2026		N/A	N/A BY SERIAL #	A&P 3213919
SB-118	MAIN ROTOR BOLTS	472.3 8/3/2026		N/A	N/A FACTORY INSTALLED TEETER 2024 FACTORY NEW CONNG 2026	A&P 3213919