

DATE		TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.		DATE
wo: GA1279			Engine - page 1 of 2		
Glencoe Aviation - 6253 Airport Industrial Blvd - GONZALES, LA 70737 - 225-460-3636					
N202SM TACH: 724.0		LYCOMING, IO-540-AE1A5, S/N: L-32787-48E TTSN: 724.0		November 20, 2020	
1. 1.C/W SB 480F drained oil inspected screen and replaced filter and serviced with 9 qts. of Aeroshell 100+ oil 2. Cylinder compression checks yielded: cyl. 1) 79/80 cyl.2) 75/80 cyl.3)73/80 cyl.4)78/80 cyl.5)77/80 cyl.6)77/80 3. C/W AD 2015-19-07 as per MSB 342G 4. C/W SI 1080C SI 1129B SI 1191A 5. C/W TCM SB 463B magneto timing at 19 degrees BTDC 6. Replaced engine air filter pn: C771-2 7.Tightened oil drain back tube clamps 8.Removed cleaned gapped and checked spark plugs. Reinstalled spark plugs with new gaskets 9.Balanced fan to within limit of 101ips @184.1 degrees 10.Installed new engine air intake hose IAW SB-100 11.C/W SB 388C valve clearance yielded: cy) .018 cyl.2).020 cyl.3).024 cyl.4).025 cyl.5).020 cyl.6).020 12.Replaced oil hose PN: B283-1 13.Ground Run aircraft with no discrepanded noted. Installed (8) W100 - Oil, Installed (1) B283-1 - HOSE ASSY, Installed (1) A785-31 - HOSE, Installed (12) M674 - SPARK PLUG WASHER.					

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DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED
wo: GA1279		Glencoe Aviation - 6253 Airport Industrial Blvd - GONZALES, LA 70737 - 225-460-3636 Engine - page 2 of 2 With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order GA1279. Dayne Bounds [REDACTED]

DATE OF CO	AIRCRAFT TIME HOURS	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
wo: GA1279			Airframe - page 1 of 2
Glencoe Aviation - 6253 Airport Industrial Blvd - GONZALES, LA 70737 - 225-460-3636			
N202SM TACH: 724.0	ROBINSON HELICOPTER COMPANY, R44 II, S/N: 12277 TTSN: 724.0	November 20, 2020	
1. Removed and replaced MR Blade and Spindle Assy IAW RMM 9.111 Installed New MR Blade and Spindle Assy IAW RMM 9.112 MR Blade PN-C016-7 SN-12938 MR Blade PN-C016-7 SN-12939 MR Spindle PN-C158-1 SN-26732 MR Spindle PN-C158-1 SN-26733 Removed and replaced MR Blade and Spindle Assy IAW RMM 9.220 TR Blade PN-C029-3 SN-11285 TR Blade PN-C029-3 SN-11284 Hub PN-G062-2 SN-6723 Installed (2) C117-10 - SHIM, Installed (2) C117-8 - SHIM, Installed (2) C117-9 - SHIM, Installed (2) C189-14 - NUT, Installed (2) MS24665-423 - COTTER PIN. 2. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION AT THIS TIME. 3. COMPLETED ANNUAL AIRCRAFT INSPECTION IAW RHC MM RTR 460 SEC 2.400 AND CFR Part 43 APPENDIX D. 1.TAIL ROTOR RUN OUT FWD TO AFT .003" .005" .005" .006" .004. 2.Adjusted Sheave alignment to L/H) .118 R/H) .093 per RHC MM Sec 7.230 3.Cleaned gearbox chip detectors IAW RHC MM Sec. 1.115 4.Removed and replaced MR Blade and Spindle Assy IAW RMM 9.111 Installed New MR Blade and Spindle Assy IAW RMM 9.112 MR Blade PN-C016-7 SN-12938 MR Blade PN-C016-7 SN-12939 MR Spindle PN-C158-1 SN-26732 MR Spindle PN-C158-1 SN-26733 5.Removed and replaced MR Blade and Spindle Assy IAW RMM 9.220 TR Blade PN-C029-3 SN-11285 TR Blade PN-C029-3 SN-11284 Hub PN-G062-2 SN-6723 6.Ground run aircraft no discrepancies noted. 7.Dynamic Balanced TR blades to within limits: .106ips @177.4 degrees 4. Track and balanced MR Blades to within limits:.			

[illegible]

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL IO-540-AE1A5 SERIAL NO. L-32787-48E

DATE DEC 13 2007


(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

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