

PAGE	DESCRIPTION	APPLICABILITY	ACTION TAKEN																																																																																																																																	
		9M-AMA																																																																																																																																		
CHAPTER 1 - GENERAL																																																																																																																																				
1.3C	<p>TABLE 1 SCHEDULED INSPECTIONS</p> <p style="text-align: center;">ROBINSON MAINTENANCE MANUAL R44 SERIES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 5%;">First 10 hours</th> <th style="width: 5%;">First 25 hours</th> <th style="width: 5%;">First 100 hours</th> <th style="width: 5%;">Every 50 hours</th> <th style="width: 5%;">Every 100 hours</th> <th style="width: 5%;">Every 300 hours</th> <th style="width: 5%;">Every 500 hours</th> <th style="width: 5%;">Every 2200/2400 hours</th> <th style="width: 5%;">Every 4 months</th> <th style="width: 5%;">Every 12 months</th> <th style="width: 5%;">Every 24 months</th> <th style="width: 5%;">Every 3 years</th> <th style="width: 5%;">Every 4 years</th> <th style="width: 5%;">Every 12 years</th> <th style="width: 5%;">Every 15 years</th> </tr> </thead> <tbody> <tr> <td>Perform inspection per Lycoming Operator's Manual.*</td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> <td></td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Perform Lycoming SB 301* <i>Maintenance Procedures and Service Limitations for Valves.</i></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Perform Lycoming SB 388* (also applies to replacement cylinders) <i>Procedure to Determine Exhaust Valve and Guide Condition.</i></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Perform 2200-hour/2400-hour/12-Year inspection per § 2.700.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> </tr> <tr> <td>Inspect ELT per 14 CFR § 91.207 (U.S.-registered helicopters only).</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Test and inspect transponder per 14 CFR § 91.413 (U.S.-registered helicopters only).</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Perform pop-out float pressure cylinder hydrostatic test (per U.S. DOT reg).*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			First 10 hours	First 25 hours	First 100 hours	Every 50 hours	Every 100 hours	Every 300 hours	Every 500 hours	Every 2200/2400 hours	Every 4 months	Every 12 months	Every 24 months	Every 3 years	Every 4 years	Every 12 years	Every 15 years	Perform inspection per Lycoming Operator's Manual.*	•	•		•	•	•										Perform Lycoming SB 301* <i>Maintenance Procedures and Service Limitations for Valves.</i>			•			•										Perform Lycoming SB 388* (also applies to replacement cylinders) <i>Procedure to Determine Exhaust Valve and Guide Condition.</i>			•			•										Perform 2200-hour/2400-hour/12-Year inspection per § 2.700.								•						•		Inspect ELT per 14 CFR § 91.207 (U.S.-registered helicopters only).										•						Test and inspect transponder per 14 CFR § 91.413 (U.S.-registered helicopters only).											•					Perform pop-out float pressure cylinder hydrostatic test (per U.S. DOT reg).*												•				✓	To update AMP and Aeronet.
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1.3D	<p>1.100 Helicopter Servicing</p> <p>1.101 Scheduled Inspections</p> <p>Required maintenance and inspection intervals are given in Table 1. Publications listed are subject to revision.</p> <p>Also consult the following for specific applicability, as some aircraft may require maintenance and inspections in addition to the requirements in Table 1:</p> <ul style="list-style-type: none"> • Aircraft maintenance records • Manufacturers' Service Bulletins (SBs) • Aviation regulations • Airworthiness Limitations • Airworthiness Directives (ADs) <p>Preventive maintenance is required between scheduled inspections. Fluid leaks, discoloration, fretting, galling, chafing, nicks, scratches, dents, cracks, and corrosion all warrant further investigation. Unairworthy items must be replaced or repaired.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; margin: 0;">NOTE</p> <p style="margin: 0;">If a component or an inspection is scheduled for hourly and calendar intervals, comply with whichever requirement comes first, then reset interval unless otherwise specified.</p> </div>		✓	For information only.																																																																																																																																

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		9M-AMA	
1.3E – 1.3M	1.102 Additional Component Maintenance	✓	To update Aeronet components to be removed when accumulated 12Y and 2400H in service.
	A. 12 Years		
	B. 2200/2400 Hours		
	C. Engine Maintenance D. Airframe And Engine Accessory Maintenance		
1.8E – 1.8H	1.195 Lubrication of Swashplate Bearings	✓	For information only.
1.20	1.300 Fastener Torque Requirements	✓	For information only. Information moved to Chapter 23.
	1.400 Approved Materials		
	1.600 Parts Interchangeability		
1.21 – 1.25	1.700 Assembly Instructions for R44-series Helicopter Crated for Export	✓	To update CAMO/R44/MFTS/MM1.700.
CHAPTER 2 - INSPECTION			
2.9 – 2.10	2.210 Run Up	✓	To update CAMO/R44/MFTS/MM2.200 & CAMO/R44/MFTS/MM1.700.
2.55 – 2.59	2.570 Volcanic Ash Recommendations	✓	To update worksheet template where applicable.
	2.580 Windshield Inspection		
	2.590 Lightning Strike		
	2.595 Inspection After Stabilizer Damage		
2.60 – 2.61	2.600 2200-Hour/2400-Hour/12-Year Inspection	✓	To update worksheet template.
2.62	2.610 Tail Rotor Gearbox 12-Year Maintenance		
2.63	2.620 Fanwheel 12-Year Maintenance		
2.64	2.630 C258-5 Main Rotor Pitch Link Assembly Inspection		
2.65	2.640 Swashplate Assembly 12-Year Inspection		
2.66	2.650 Landing Gear 12-Year Inspection		
2.67 – 2.68	2.660 Hydraulic Reservoir 12-Year Inspection		
CHAPTER 10 – RIGGING, TRACK AND BALANCE			
10.29 – 10.41	10.230 Main Rotor Track and Balance Procedure	✓	To update CAMO/R44/MFTS/RTB & CAMO/R44/MFTS/MM1.700.
10.42 – 10.46	10.240 Tail Rotor Track and Balance Procedure	✓	To update CAMO/R44/MFTS/RTB & CAMO/R44/MFTS/MM1.700

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		9M-AMA	
10.47 – 10.50	10.250 Autorotational RPM Adjustment	✓	To update CAMO/R44/MFTS/RTB & CAMO/R44/MFTS/MM1.700

Other changes to MM are for information only. This latest revision of MM DEC 2021 shall be distributed to contracted AMO and all controlled publication.