

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1														
TT:	3348:00	TSO:	945:48															
Hobbs:	3348:00	Pn:	O-540-F1B5															
Type:	R44 RAVEN I	Sn:	L-26856-40E															
Sn:	1805																	
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn		Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite		Appl. N/A	Due RT	Rem. RT
EUROPEAN REQUIREMENTS		000				3348:00				0:00						X		
Full Airworthiness Review (controlled environment)		001	INSP			3348:00	26.06.2025	3140:00				36MO+0/-90DY				X	26 Jun 2028+0/-90DY	819+0/-90DY
ARC Extension		002	INSP			3348:00	26.06.2025	3140:00				12MO+0/-30DY				X	26 Jun 2026+0/-30DY	88+0/-30DY
Check First Aid Kit for expired items. Replace if necessary and inform CA(M)O about new next due expiry date		008	INSP			3348:00	09.02.2026	3332:06				12MO±15DY				X	12 Feb 2027±15DY	319±15DY
Perform Weight & Balance (AMC1 CAT.POL.MAB.100(b)) and replace POH W&B Report & Equipmentlist		009	INSP			3348:00	12.03.2026	3339:12				48MO±30DY				X	02 Feb 2030±30DY	1405±30DY
AUSTRIAN REQUIREMENTS		010				3348:00				0:00						X		
Perform LTH 40A 4.1 - Avionic Inspection		011	INSP			3348:00	15.05.2024	2503:54				24MO±30DY				X	15 May 2026±30DY	46±30DY
Perform LTH 40A 4.2 - Transponder Inspection		012	INSP			3348:00	15.05.2024	2503:54				24MO±30DY				X	15 May 2026±30DY	46±30DY
Perform LTH 40A 4.3 - Pitot Static Check		013	INSP			3348:00	08.07.2024	2636:24				24MO±30DY				X	20 Jun 2026±30DY	82±30DY
Perform LTH 40A 4.3 - Compass Compensation and replace deviation table in cockpit		013	INSP			3348:00	15.05.2024	2503:54				24MO±30DY				X	15 May 2026±30DY	46±30DY
SCHEDULED MAINTENANCE AIRFRAME RHC MM § 1.101		100	INSP			3348:00				0:00						X		
RHC § 2.600 - Perform 2200-hour inspection (R44 / R44 II)		101a	INSP			3348:00	15.06.2022	2200:00		0:00		2200FH				X	4400FH	1052FH
RHC § 2.600 - Perform 12-Year inspection		102	INSP			3348:00	15.06.2022	2200:00		0:00		144MO				X	15 Jun 2034	2999DY
RHC § 2.200 - Perform Ground & Flight Check for 100hour/Annual Inspection		103a	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC § 2.300 - Perform Airframe Preparation for 100-Hour/Annual Inspection		103b	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC § 2.400 - Perform 100-hour/Annual Airframe Inspection		104	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC § 7.210 - Perform clutch assembly lubricant inspection & servicing		105	INSP			3348:00	20.07.2025	3187:06		0:00		500±25FH				X	3700±25FH	352±25FH
RHC § 1.120 - Drain and flush MGB		108	INSP			3348:00	07.02.2026	3332:06		0:00	4FH	500±25FH				X	3832:06±25FH	484:06±25FH
RHC § 1.130 - Drain and flush TGB		109	INSP			3348:00	20.07.2025	3187:06		0:00	4FH	500±25FH				X	3700±25FH	352±25FH
RHC § 1.115 - Clean gearbox chip detectors		110	INSP			3348:00	09.02.2026	3332:06		0:00	4FH	500±25FH / 12MO±15DY				X	3832:06±25FH / 12 Feb 2027±15DY	484:06±25FH / 319±15DY
RHC § 1.140 - Lubricate C181-3 bearings		111	INSP			3348:00	19.09.2025	3280:36		0:00		300±15FH / 36MO±30DY				X	3586:30±15FH / 19 Sep 2028±30DY	238:30±15FH / 904±30DY
RHC § 1.140 - Perform Ground Run after bearing lubrication		112	INSP			3348:00	19.09.2025	3280:36		0:00		300±15FH / 36MO±30DY				X	3586:30±15FH / 19 Sep 2028±30DY	238:30±15FH / 904±30DY
RHC § 1.170 - Replace hydraulic filter		113	INSP			3348:00	17.04.2025	3087:36		0:00		300±15FH				X	3400±15FH	52±15FH
RHC SL-38 - Perform Cracked MS2142L-Nuts Inspection		122	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC SL-43 - Perform C343-1 Rev. L and prior Push-Pull Tube Inspection		123	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC SL-46 - Clean Air Filter P/N B771-1/B771-2		124	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC SL-46 - Replace Air Filter P/N B771-1/B771-2		125	INSP			3348:00	17.04.2025	3087:36		0:00		600±30FH / 60MO±30DY				X	3687:36±30FH / 17 Apr 2030±30DY	339:36±30FH / 1479±30DY
Reminder: D210 Corrosion-Resistant (CRES) Nuts		R44_SL-50A	126	INSP		3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC SL-64A - Perform Fire Extinguisher Handling & Maintenance P/N B381- (RT-A400)		127	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
RHC § 28-60 (RHC SL-70) - Perform Main Rotor Blade Tip Maintenance		128	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY

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TT:	3348:00	TSO:	945:48																
Hobbs:	3348:00	Pn:	O-540-F1B5																
Type:	R44 RAVEN I	Sn:	L-26856-40E																
Sn:	1805																		
Description		AD/SB/MOD No.	ATA / Action	Pn	Sn		Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite		Appl. N/A	Due RT	Rem. RT
ELT Security (FAA SAIB AIR-22-03)		FAA_SAIB_AIR-22-03; R44_SL-81	130	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
Tail Rotor Blade Condition and Care		R44_SL-82A	131	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:12±10FH / 19 Sep 2026±15DY	38:12±10FH / 173±15DY
Perform EASA SIB No.: 2013-04R1 - Hook and Loop Style Fasteners as Mounting Mechanism for an Emergency Locator Transmitter		EASA_SIB_2013-04R2; KANNAD_SB_S180000 0-25	132	INSP			3348:00	09.02.2026	3332:06				12MO±15DY				X	12 Feb 2027±15DY	319±15DY
Perform Main Rotor Blade Unpainted Leading Edge Care		R44_SL-79	138				3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3380:36±10FH / 19 Sep 2026±15DY	32:36±10FH / 173±15DY
Check Hook and Loop Style Fasteners as Mounting Mechanism for an Emergency Locator Transmitter		EASA_SIB_2013-04R2; KANNAD_SB_S180000 0-25	139				3348:00						12MO				X		
Perform Gear Motor (P/N D276-1 or D276-3) Assembly Torque Stripe Inspection		FAA_SAIB_2024-05	142				3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:18±10FH / 19 Sep 2026±15DY	38:18±10FH / 173±15DY
Critical Tasks: The Maintenance Organization has to follow the manufacturer instructions and regulations acc. Part-M/ML and Part-145.			150	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH / 12MO±15DY				X	3386:30±10FH / 19 Sep 2026±15DY	38:30±10FH / 173±15DY
MODIFICATIONS			179				3348:00										X		
Perform GTR225A/B or GNC255A/B 12-Month Inspection acc. GAMA ICA-1447 ICA-GTR225(x) Issue 1, Chapter 5			183	INSP			3348:00	09.02.2026	3332:06				12MO±15DY				X	12 Feb 2027±15DY	319±15DY
Kannad AF Integra / AF-H Integra - Perform Operational test & Periodic Inspection iaw. Orolia DOC09078F & SL S1840501-25-05			188	INSP	S1851501-2	LX1101111929		3348:00	09.02.2026	3332:06			12MO±15DY				X	12 Feb 2027±15DY	319±15DY
Kannad AF Integra / AF-H Integra - Perform 6 Years Inspection (together with Battery replacement) iaw. Orolia DOC09078F & SL S1840501-25-05			189	INSP	S1840510-01	TM0000360925		3348:00	31.07.2026	3339:12			72MO				X	31 Jul 2032	2315DY
Perform Battery Cap Check as long as the capacity is above 90% acc. Concorde CMM 24-30-71, Chapter "Testing and Fault Isolation", Item 1.B (Page 101). Please note capacity for next due.			196	INSP	RG-SERIE			3348:00	19.09.2025	3280:36			12MO±15DY				X	19 Sep 2026±15DY	173±15DY
Perform Battery Cleaning acc. Concorde CMM 24-30-71, Chapter "Cleaning" (Page 401)			197	CLN	RG-SERIE			3348:00	19.09.2025	3280:36			12MO±15DY				X	19 Sep 2026±15DY	173±15DY
Perform Battery Check acc. Concord CMM 24-30-71, Chapter "Check" (Page 501)			197	CHK	RG-SERIE			3348:00	19.09.2025	3280:36			12MO±15DY				X	19 Sep 2026±15DY	173±15DY
SCHEDULED MAINTENANCE ENGINE LYC OM § 04			200	INSP			3348:00					0:00					X		
LYC § 04.4 - Perform 50-Hour Inspection			204	INSP			3348:00	09.02.2026	3332:06		0:00		50±10FH				X	3386:12±10FH	38:12±10FH
LYC § 04.5 - Perform 100-Hour Inspection			205	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH				X	3390:06±10FH	42:06±10FH
LYC § 04.6 - Perform 400-Hour Inspection (Shorter Intervall)			206	INSP			3348:00	17.04.2025	3087:36		0:00	100FH	300±15FH				X	3386±15FH	38±15FH
Perform LYC SI-1129E - Method of checking DC Alternator Belt Tension			207	INSP			3348:00	19.09.2025	3280:36		0:00	25FH	100±10FH				X	3388±10FH	40±10FH
Perform LYC SI-1191A - Cylinder Compression			208	INSP			3348:00	19.09.2025	3280:36		0:00		100±10FH				X	3390:06±10FH	42:06±10FH
LYC SI-1080D - Maintenance Items for special attention - Perform 50hrs Inspection acc. Table 1			209	INSP			3348:00	09.02.2026	3332:06		0:00	25FH	50±10FH				X	3386:12±10FH	38:12±10FH
LYC SI-1080D - Maintenance Items for special attention - Perform 100hrs/Annual Inspection acc. Table 1			209	INSP			3348:00	19.09.2025	3290:06		0:00		100±10FH / 12MO±15DY				X	3390:06±10FH / 19 Sep 2026±15DY	42:06±10FH / 173±15DY
LYC SI-1080D - Maintenance Items for special attention - Perform 1000hrs Inspection acc. Table 1			209	INSP			3348:00		2402:12		0:00		1000±50FH				X	3402:12±50FH	54:12±50FH
Perform LYC SB-301B - Maintenance Procedure and Service Limitation for Valves			210	INSP			3348:00	17.04.2025	3087:36		0:00	100FH	300±15FH				X	3386±15FH	38±15FH
Perform LYC SB-366C - Carburetor Throttle Body Screw Inspection			212	INSP			3348:00	09.02.2026	3332:06		0:00		50±10FH				X	3386:12±10FH	38:12±10FH

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Hobbs:	3348:00	Pn:	O-540-F1B5															
Type:	R44 RAVEN I	Sn:	L-26856-40E															
Sn:	1805																	
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn		Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite		Appl. N/A	Due RT	Rem. RT
Perform Exhaust Valve and Guide Condition	EU-2005-0023R3; HB-2006-330; LYC_SB-388C	213				3348:00	17.04.2025	3087:36	0:00	100FH	330FH					X	3417:36FH	69:36FH
Perform LYC SB-480F - (and R44 SL-83, as applicable) I. Oil & Filter Change & Screen Cleaning / II. Oil Filter/Screen Content Inspection. NOTE: Oil filters on D723-1 adapters do not require safety wire.	LYC_MS-B-480F	215	INSP			3348:00	09.02.2026	3332:06	0:00	25FH	50±10FH / 4MO±15DY					X	3386:12±10FH / 19 May 2026±15DY	38:12±10FH / 50±15DY
Perform LYC SB-183A - Magneto Timing Discrepancies		216	INSP			3348:00	19.09.2025	3280:36	0:00		100±10FH					X	3388±10FH	40±10FH
Perform visual inspection of the engine oil filter, oil pressure screen, and oil suction screen (depending on the engine configuration) for bronze metal particulates acc. chapter (g)(1) thru (g)(3)		221	INSP			3348:00	09.02.2026	3332:06	0:00		50±10FH / 4MO±15DY					X	3386:12±10FH / 09 Jun 2026±15DY	38:12±10FH / 71±15DY
SCHEDULED MAINTENANCE LH MAGNETO		250	INSP			3348:00			0:00							X		
CMI SB-643C - Perform LH Magneto 100 Hours/Annual Inspection		252	INSP			3348:00	19.09.2025	3280:36	0:00		100±10FH / 12MO					X	3388±10FH / 19 Sep 2026	40±10FH / 173DY
CMI SB-643C - Perform LH Magneto 500 Hours Inspection or replace		254	INSP	10-600616-3	D270004E		3348:00	18.10.2024	2883:06	0:00	500±25FH					X	3383:06±25FH	35:06±25FH
Verify magneto (or EIS) drive cushion pliability (must tolerate 180° bend) - LH Magneto		262	INSP			3348:00	18.10.2024	2883:06	0:00		500±25FH / 60MO±25DY					X	3383:06±25FH / 18 Oct 2029±25DY	35:06±25FH / 1298±25DY
SCHEDULED MAINTENANCE RH MAGNETO		280				3348:00			0:00							X		
CMI SB-643C - Perform RH Magneto 100 Hours/Annual Inspection		282	INSP			3348:00	19.09.2025	3280:36	0:00		100±10FH / 12MO					X	3388±10FH / 19 Sep 2026	40±10FH / 173DY
CMI SB-643C - Perform RH Magneto 500 Hours Inspection or replace		284	INSP	10-600646-201	E17AA106		3348:00	10.07.2025	3173:36	0:00	500±25FH					X	3673:36±25FH / 20 Sep 2027±30DY	325:36±25FH / 539±30DY
Perform CMI SB-663A Two-Wire Magneto Tach. Breaker Contact (Points) Assy. P/N 10-400507 - RH Magneto Model S4LSC-204T (P/N 10-600644-201, BL-600644-201) and S6LSC-204T (P/N 10-600646-201, BL-600646-201)		288	INSP	10-600646-201	E17AA106		3348:00	10.07.2025	3173:36	0:00	500±25FH / 60MO±30DY					X	3673:36±25FH / 10 Jul 2030±30DY	325:36±25FH / 1563±30DY
Verify magneto (or EIS) drive cushion pliability (must tolerate 180° bend) - RH Magneto		292	INSP			3348:00	10.07.2025	3173:36	0:00		500±25FH / 60MO±30DY					X	3673:36±25FH / 10 Jul 2030±30DY	325:36±25FH / 1563±30DY
FATIGUE LIFE-LIMITED PARTS RHC MM § 3.120		300	LL			3348:00			0:00							X		
Main Rotor Blade, Rev. AK & Subsequent - Replace (Note: Whichever limit occurs first. Calendar time starts on date of original RHC-issued Airworthiness Approval)		305	LL	C016-7	13967/13700 REV.AK		3348:00	29.07.2021	2200:00	0:00	2200FH / 180MO					X	4400FH / 29 Jul 2033	1052FH / 2678DY
Upper Frame - Replace		308	LL	C020-1	10858 REV.X		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Tail Rotor Blade, Rev. R & Subsequent - Replace (Note: Whichever limit occurs first. Calendar time starts on date of original RHC-issued Airworthiness Approval)		315	LL	C029-3	21858/21859 REV.R		3348:00	11.11.2024	2982:00	0:00	2200FH / 180MO					X	5182FH / 11 Nov 2039	1834FH / 4974DY
Pinion, Main Gearbox - Replace		320	LL	C146-2	11443 REV.Q		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Main Rotor Hub - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		321	LL	C154-1	12199 REV.I		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Main Rotor Spindle - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		322	LL	C158-1	27866 REV.M		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Main Rotor Spindle - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		323	LL	C158-1	27867 REV.M		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Sump, Main Gearbox - Replace		326	LL	C263-2	9046 REV.I		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH
Housing, Main Gearbox - Replace		328	LL	C264-2	11502 REV.L		3348:00	15.06.2022	2200:00	0:00	2200FH					X	4400FH	1052FH

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Hobbs:	3348:00	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-26856-40E													
Sn:	1805															
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT
Pinion, Tail Gearbox - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		330	LL	C545-2	12929 REV.L	3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Bearing Set, C017-6 Swashplate - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		331	LL	C647-12	F21-2068 REV.AF	3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Tail Rotor Guard - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		333	LL	D079-1	12891 REV.W	3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Tail Rotor Hub - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		334	LL	G062-2	7272 REV.F	3348:00	17.04.2025	3087:36	782:00		2200FH			X	4505:36FH	1157:36FH
Tailcone Assembly, Rev N & Subsequ. - Replace		336	LL	C023-1	4377 REV.AH	3348:00	27.11.2007	0:00	0:00		4400FH			X	4400FH	1052FH
Horizontal Stabilizer, Rev. M & Subsequ. - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)		342	LL	C044-1	10956 REV.Z	3348:00	23.11.2022	2286:00	0:00		4400FH			X	6686FH	3338FH
Tail Rotor Drive Shaft		349	LL	D196-1	10251 REV.H	3348:00	15.06.2022	2200:00	0:00		4400FH			X	6600FH	3252FH
ADDITIONAL COMPONENT MAINTENANCE RHC MM § 1.102		350				3348:00								X		
RHC § 1.102 A. Perform 12 Years Additional Component Maintenance		350a				3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
RHC § 1.102 B. Perform 2200/2400 Hours Additional Component Maintenance		350b				3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Tail Rotor Bellcrank - Replace with new		351	OTL	A120-3		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH
Spacer (at R44 and R44 Cadet powerplant control) - Replace with new		352	OTL	A130-21		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Spacer - Replace with new, per R44 SL-80		353	OTL	A130-48		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
V-Belt Set - Replace with new		354	OTL	A190-3		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH
Fitting (mixture control arm) - Visually inspect. Replace if worn or corroded.		356	INSP	A462-4		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Fitting (mixture control arm) - Replace with new.		356a	OTL	A462-4		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Control Cable - Mixture - Replace with new: A522-7 carburetor; A522-13 fuel control		357	OTL	A522-7 AND -13		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Seal - Vertical Firewall - Replace with new: A595-1 neoprene; A595-2 Teflon		358	OTL	A595-1 AND -2		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Fitting (MRGB mount) - Visually inspect, included bore. Replace if worn or corroded.		359	INSP	A650-2 OR -4		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Fitting (MRGB mount) - Visually inspect, included bore. Replace if worn or corroded. Magnetic particle inspect per § 23-41.		359a	INSP	A650-2 OR -4		3348:00	15.06.2022	2200:00			2200FH			X	4400FH / 15 Oct 2205	1052FH / 65577DY
Tube (aux fuel pump drain) - Replace with new.		360	OTL	A729-33		3348:00	15.06.2022	2200:00			2200FH			X	4400FH / 15 Oct 2205	1052FH / 65577DY
Hoses - Replace with new: A785-6 bulkhead to MRGB		361	OTL	A785-x		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH
Hose (alternator cooling) - Replace with new.		362	OTL	A785-32		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Elastic Cord - Tail Rotor - Replace with new. Dash number is selected during flight test evaluation.		363	OTL	A918-1 THRU -8		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Flex Plate Assy (bonded) - Visually inspect with 10x magnification. Replace if any bonded washer evidences separation (8 places). Replace if corrosion is evident.		364	INSP	A947-2		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Flex Plate Assy (intermediate) - Replace with new.		364a	OTL	A947-2		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
V-Belt - Alternator - Replace with new.		365	OTL	B173-x		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1													
TT:	3348:00	TSO:	945:48														
Hobbs:	3348:00	Pn:	O-540-F1B5														
Type:	R44 RAVEN I	Sn:	L-26856-40E														
Sn:	1805																
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT	
V-Belt - A/C Compressor Drive - Replace with new.		366	OTL	B173-4		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY	
Clamps - Replace with new		367	OTL	B277-024 AND -036		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH	
Hoses Assys - Replace with new: B283-3 fuel, various		368	OTL	B283-x		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH	
Pitch Link (tail rotor) - Replace with new.		369	OTL	B345-4		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH	
Spring Pin (fanwheel retaining nut) - Replace with new.		370	OTL	B350-3		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH	
Main Rotor Hub (C154-1) & Bearing Assy - Perform inspection and repair per § 28-22, return to RHC for inspection and repair, or replace with new.		371	INSP	C005-4	12199	REV.X		3348:00	15.06.2022	2200:00	144MO			X	15 Jun 2034	2999DY	
C154-1 Main Rotor Hub Assy - Replace with new.		371a	OTL	C005-4		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH	
C016-7 Main Rotor Blades & C158-1 Spindle Assy - Submit to RHC-authorized component maintenance facility for 12-year service, or replace with new or overhaul exchange. 12-year maintenance includes blade replacement (as required), pitch horn screw replacement, boot and O-ring replacement, and inspection.		372	INSP	C005-12	REV.X		3348:00	29.07.2021	2200:00		144MO			X	29 Jul 2033	2678DY	
C016-7 Main Rotor Blades & C158-1 Spindle Assy - Replace with new or overhaul exchange C005-12 main rotor blade & spindle assy, as required.		372a	TBO	C005-12	REV.X		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH	
Main Rotor Gearbox Assy - Submit to RHC Repair Station for 12-year service, or replace with new or overhaul exchange. 12-year maintenance includes pinion seal replacement, O-ring replacement, sealed bearing replacement, rubber mount replacement, and inspection.		373	INSP	C006-8	4874	REV.AN		3348:00	15.06.2022	2200:00	144MO			X	15 Jun 2034	2999DY	
Main Rotor Gearbox Assy - Replace with new or overhaul exchange C006-8 main rotor gearbox assy.		373a	TBO	C006-8	4874	REV.AN		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Fanshaft Assy - Inspect C181-3 bearing per § 2.502 step 3. Lubricate per § 1.140.		374	INSP	C007-5	REV.AB		3348:00	01.03.2019	2402:12		144MO			X	01 Mar 2031	1797DY	
Fanshaft Assy - Replace with new.		374a	OTL	C007-5	REV. AB		3348:00	01.03.2019	2402:12	195:00	2200FH			X	4407:12FH	1059:12FH	
Tail Rotor Assy - Disassemble. Remove bushings and teeter hinge bearings. Inspect hub; verify no fretting or corrosion. Fluorescent penetrant inspect hub. Replace blades as required. Replace teeter hinge bearings and blade attach bolts.		376	INSP	C008-9		3348:00	17.04.2025	3087:36			144MO±30DY			X	17 Apr 2037±30DY	4036±30DY	
Tail Rotor Assy - Replace with new C008-9 tail rotor assy.		376a	TBO	C008-9		3348:00	20.05.2013	2982:00	1271:12		2200FH			X	3910:48FH	562:48FH	
Arm Assy - Throttle (forward & aft, R44) - Visually Inspect. Replace with D756 if corrosion is evident. Verify bearing rotates smoothly without noise.		377	INSP	C011-2		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY	
Landing Gear Assy - Perform 12-year service per § 2.650 Part A.		378	INSP	C014-X		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY	
Landing Gear Assy - Perform 2200-Hour service per § 2.650 Part B.		378a	INSP	C014-X		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH	
Cabin Assy - Remove B270-1 sealant from aft-side of aluminium C259 panels at junction of steel horizontal firewall and inspect panels for corrosion. Repair as required. Replace sealant.		379	INSP	C015-1		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY	
Swashplate Assy - Perform 12-year service per § 2.640, or replace with new or overhaul exchange.		380a	INSP	C017-6	5935	REV.AF		3348:00	15.06.2022	2200:00	144MO			X	15 Jun 2034	2999DY	
Swashplate Assy - Replace with new or overhaul exchange C017-6 swashplate assy.		380b	TBO	C017-6	5935	REV.AF		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Clutch Assy (C166-5 shaft) - Submit to RHC-authorized component maintenance facility, or replace with new or overhaul exchange. 12-year maintenance includes plug, seal and O-ring replacement. C184 bearing lubrication, and inspection.		381b	INSP	C018-4	REV.X		3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY	

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1												
TT:	3348:00	TSO:	945:48													
Hobbs:	3348:00	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-26856-40E													
Sn:	1805															
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT
Clutch Assy (C166-5 shaft) - Replace with new or overhaul exchange C018-4 or -5 clutch assy.		381c	TBO	C018-4	REV.X		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
C020-1 (standard) or C020-2 (tie-down provision) Upper Frame Assy - Visually inspect for corrosion. If corrosion is found, remove paint per § 23-71 and MPI per § 23-41. Poder coat per § 23-76 (preferred), or prime & paint per §§ 23-75 & 23-77.		382	INSP	C020-1 OR -2			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
C020-1 (standard) or C020-2 (tie-down provision) Upper Frame Assy - Replace with new.		382a	OTL	C020-1 OR -2			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Tail Rotor Gearbox Assy - Perform 12-year service per § 2.610, or replace with new or overhaul exchange.		383	INSP	C021-1	4785 REV.K		3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Tail Rotor Gearbox Assy - Replace with new or overhaul exchange.		383a	TBO	C021-1	4785 REV.K		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Tail Rotor Pitch Control - Replace with new.		384	OTL	C031-1	13064 REV.M		3348:00	15.06.2022	2200:00	0:00	2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Bearing Assy - TRDS damper - Replace with new.		385	TBO	C041-11			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Lower Frame Assy - LH - Remove paint per § 23-71 and MPI per § 23-41. Powder coat per 23-76 (preferred), or prime & paint per §§ 23-75 & 23-77.		385a	INSP	C046-1,-19 ,-21,-23			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Lower Frame Assy - LH - Visually inspect for corrosion. If corrosion is found, remove paint per § 23-71 and MPI per § 23-41. Powder coat per 23-76 (preferred), or prime & paint per §§ 23-75 & 23-77.		386	INSP	C046-1,-19 ,-21,-23			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Lower Frame Assy - RH - Visually inspect for corrosion. If corrosion is found, remove paint per § 23-71 and MPI per § 23-41. Powder coat per 23-76 (preferred), or prime & paint per §§ 23-75 & 23-77.		387	INSP	C046-2			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Lower Frame Assy - RH - Remove paint per § 23-71 and MPI per § 23-41. Powder coat per 23-76 (preferred), or prime & paint per §§ 23-75 & 23-77.		387a	INSP	C064-2			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Clutch Actuator Assy - Replace with new or overhaul exchange.		388a	TBO	C051-1	8450 REV.W		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Clutch Actuator Assy - Submit to RHC Repair Station for 12-year service, or replace with new or overhaul exchange.		388a	INSP	C051-1	8750 REV.W		3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Journal, Main Rotor Hub - Replace with new, or: Visually inspect using 10x magnification for obvious damage; magnetic particle inspect per § 23-41.		389	INSP	C106-X			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Bumper - Tail Rotor - Replace with new.		390	OTL	C056-1			3348:00	15.06.2022	2200:00	0:00	2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Push-Pull Tube Assy (Main Rotor) - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		391	INSP	C121-1,-3 OR -30,-19 & -24 OR -28			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Push-Pull Tube Assy (Tail Rotor) - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		391a	INSP	C121-9, -15 & -17			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Push-Pull Tube (tailcone) - Replace with new.		391b	OTL	C121-17			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Push-Pull Tube Assy (Swashplate) - Measure & record overall length. Remove rod ends and visually inspect, including tube interior. Replace if corrosion is evident.		391c	INSP	C121-25 OR -31			3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Push-Pull Tube Assy (Swashplate) - Disassemble, remove paint per § 23-71, fluorescent penetrant inspect per § 23-42, and replace as required. Clean, prime, & paint per § 23-60.		391d	INSP	C121-25 OR -31			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Thrust Washer - Replace with new, or: Visually inspect using 10x magnification for obvious damage; magentic particle inspect per § 23-41.		392	INSP	C152-1			3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1												
TT:	3348:00	TSO:	945:48													
Hobbs:	3348:00	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-26856-40E													
Sn:	1805															
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open lte	Appl. N/A	Due RT	Rem. RT
Exhaust Muffler Assy - Visually inspect muffler interior; verify no obvious damage and no loss of material.		393	INSP	C169-3,-32 ,-36 OR -38		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Exhaust Muffler Assy - Replace C169-1 or -35 with new C169-35 assy // Replace C169-31 or -37 with new C169-37 assy.		393a	OTL	C169-x		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Support (engine mount at prop governor pad; vertical tube lower portion is 0.562 inch dia.) - Remove rod ends and visually inspect, including tube interiors. Replace if corrosion is evident.		394b	INSP	C174-1 REV.G AND SUBSEQU ENT		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Support (engine mount at prop governor pad; vertical tube lower portion is 0.562 inch dia.) - Strip paint using § 23-71 approved materials. Magnetic particle inspect support per § 23-41. Powder coat per § 23-76 (preferred), or prime & paint per § 23-60.		394c	INSP	C174-1 REV.G AND SUBSEQU ENT		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Nut - Replace with new: C182-1 (fanwheel retaining nut)		395	OTL	C182-1 AND C189-14		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Main Rotor Pitch Link Assy - Perform inspection per § 2.630, or replace with new.		396a	INSP	C258-5		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Main Rotor Pitch Link Assy - Replace with new, or perform inspection per § 2.630 and magnetic particle inspect barrel.		396b	OTL	C258-5		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Support Weldment - Lower Aft Flight Controls - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.		397	INSP	C315-9		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Torque Tube - Cyclic - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.		398	INSP	C319-5		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Bellcrank Assy - Collective - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required. Verify bearings rotate smoothly without noise.		399	INSP	C334-4		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Push-Pull Tube Assy - Throttle - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		400	INSP	C336-1		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Jackshaft Weldment - Visually inspect. Repair or replace as required.		401	OTL	C339-1 OR -10		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Push-Pull Tube Assy - Tail Rotor - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required. (*For P/N C343-1 R44 SL-43 refers)		402	INSP	C343-1*, -9 & -11		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Tube - Aft Servo - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		403	INSP	C343-8		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Anchor Assy - Collective Stop - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.		404	INSP	C348-1		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Anchor Assy - Seat Belt (Forward) - Replace if seat buckle attaching lugs are less than 0.073 inch thick. Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.		405	INSP	C348-5		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Swashplate Boot - Replace with new.		406	OTL	C480-1		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH	1052FH
Control Cable - Carburetor Heat - Replace with new.		407	OTL	C522-7		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Scoop Assy - Carburetor Heat - Replace with new.		408	OTL	C568-1		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1												
TT:	3348:00	TSO:	945:48													
Hobbs:	3348:00	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-26856-40E													
Sn:	1805															
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT
Support Weldment - Throttle Bellcrank - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.		409	INSP	C608-1		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Gasket (airbox-to-carburetor) - Replace with new.		410	OTL	C615-1		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
4-/5-point Harness Assy - Replace with new.		411	OTL	C627-x		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Connector Assy - Replace with new.		412	OTL	C628-x		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Oil Cooler - Flush & 400-psi pressure test or overhaul or replace with new.		413a	INSP	C649-2	4947628		3348:00	13.07.2023	2402:12	0:00	2200FH / 144MO			X	4602:12FH / 13 Jul 2035	1254:12FH / 3392DY
Nozzle Assy (MRGB cooling) - Replace with new		415	OTL	C749-1		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Dual Tachometer - Submit to RHC repair station for 12-year service, or replace with new or overhaul exchange		416	INSP	C792-5	A22-12353		3348:00	04.06.2022	2402:12		144MO			X	04 Jun 2034	2988DY
Dual Tachometer - Replace with new or overhaul exchange		416a	TBO	C792-5	A22-12353		3348:00	04.07.2022	2402:12	0:00	2200FH			X	4602:12FH	1254:12FH
Yoke - Clutch Shaft Forward (1.43-inch dia. center hole between arms) - Replace with new, or comply with FAA AD 2025-11-07 (see current revision of R44 Service Letter SL-91).		417b	INSP/OTL	C901-1 OR -2 REV. H AND SUBSEQUENT		3348:00	31.01.2025	2886:30	0:00		2200FH / 144MO			X	5086:30FH	1738:30FH
Elastic Cord - Collective - Replace with new.		418	OTL	C918-15		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Flex Plate Assy (bonded) - Visually inspect with 10x magnification. Replace if corrosion is evident. Replace if any bonded washer evidences separation (8 places).		419	INSP	C947-3		3348:00	15.06.2022	2200:00	0:00		144MO			X		
Engine Cooling Panels (consult IPC)		419	OTL	VARIOUS		3348:00	29.09.2023	2403:18	202:12		2200FH			X	4401:06FH	1053:06FH
Flex Plate Assy (forward & aft) - Replace with new.		419a	OTL	C947-1		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Strut Weldment - LH - Visually inspect for corrosion; replace if pitted. If non-pitting, surface corrosion is found, remove corrosion & paint per § 23-71 and MPI per § 23-41. Powder coat per § 23-76 (preferred), or prime & paint per §§ 23-75 and 23-77.		420	INSP	D046-1 & -2		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Strut Weldment - LH - Remove paint per § 23-71. MPI per § 23-41. Powder coat per § 23-76 (preferred), or prime & paint per §§ 23-75 and 23-77.		420a	INSP	D046-1 & -2		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Strut Weldment - RH - Visually inspect for corrosion; replace if pitted. If non-pitting, surface corrosion is found, remove corrosion & paint per § 23-71 and MPI per § 23-41. Powder coat per § 23-76 (preferred), or prime & paint per §§ 23-75 and 23-77.		421	INSP	D046-3		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Strut Weldment - RH - Remove paint per § 23-71. MPI per § 23-41. Powder coat per § 23-76 (preferred), or prime & paint per §§ 23-75 and 23-77.		421a	INSP	D046-3		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Tube Assy (weldment, TR guard) - Replace with new, or: liquid-strip paint per § 23-71, MPI per § 23-41, & prime per § 23-60.		422	OTL	D082-1		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Stop (teeter, 2 each) - Replace with new.		423	OTL	D151-2		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Fanwheel Assy - Perform 12-year service per § 2.620, or replace with new or overhaul exchange.		424	INSP	D174-2	REV.O		3348:00	28.05.2019	2402:12		144MO			X	28 May 2031	1885DY
Fanwheel Assy - Replace with new or overhaul exchange.		424a	TBO	D174-2	REV.O		3348:00	28.05.2019	2402:12	195:00	2200FH			X	4407:12FH	1059:12FH
Support Assy (Hydraulic Servos fwd) - Replace D201-5 with D201-6 support assy.		425	OTL	D201-5		3348:00	15.06.2022	2200:00	0:00		144MO			X	15 Jun 2034	2999DY
Support Assy - LH (aft servo) - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		426	INSP	D203-1		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1														
TT:	3348:00	TSO:	945:48															
Hobbs:	3348:00	Pn:	O-540-F1B5															
Type:	R44 RAVEN I	Sn:	L-26856-40E															
Sn:	1805																	
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn		Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite		Appl. N/A	Due RT	Rem. RT
Support Assy - LH (aft servo) - Remove paint per § 23-71. MPI oer § 23-41. Clean, prime and paint per § 23-60.		426a	INSP	D203-1		3348:00	15.06.2022	2200:00		0:00		2200FH				X	4400FH	1052FH
Support Assy - RH (aft servo) - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		427	INSP	D204-8		3348:00	15.06.2022	2200:00				144MO				X	15 Jun 2034	2999DY
Support Assy - RH (aft servo) - Remove paint per § 23-71. MPI oer § 23-41. Clean, prime and paint per § 23-60.		427a	INSP	D204-8		3348:00	15.06.2022	2200:00		0:00		2200FH				X	4400FH	1052FH
Strut Weldment - Jackshaft, Forward - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		428	INSP	D207-1		3348:00	15.06.2022	2200:00				144MO				X	15 Jun 2034	2999DY
Strut Weldment - Jackshaft, Aft - Visually inspect. If exterior corrosion is evident, record length, disassemble, and inspect tube interior. Repair or replace as required.		429	INSP	D208-1		3348:00	15.06.2022	2200:00				144MO				X	15 Jun 2034	2999DY
Hydraulic Reservoir - Perform 12-year service per § 2.660, or replace with new or overhaul exchange.		430	INSP	D211-1	3162 REV.J		3348:00	15.06.2022	2200:00			144MO				X	15 Jun 2034	2999DY
Hydraulic Reservoir - Replace with new or overhaul exchange.		430a	TBO	D211-1	3162 REV.J		3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Hydraulic Servo Actuators - Remove upper clevis, scissor, and D200-3 washer from servo, as applicable. Visually inspect threaded bore in pisont shaft with borescope. Replace servo if corrosion is evident.		431	INSP	D212-1	12100I / 12736I / 20863M		3348:00	15.06.2022	2200:00			144MO				X	15 Jun 2034	2999DY
Hydraulic Servo Actuators - Replace with new or overhaul exchange.		431a	TBO	D212-1	12100I / 12736I / 20863M		3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Tail Rotor Drive Shaft - Remove yoke(s) and inspect shaft interior using borescope. Replace shaft if corrosion is evident.		432	INSP	D224-1 & -2			3348:00	15.06.2022	2200:00			144MO				X	15 Jun 2034	2999DY
Tail Rotor Drive Shaft - Replace with new.		432a	OTL	D224-1			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Governor Controller Assy - Submit to RHC Repair Station for 12-year service, or replace with new or overhaul exchange.		434	INSP	D278-1	2078 REV.E		3348:00	15.06.2022	2200:00			144MO				X	15 Jun 2034	2999DY
Governor Controller Assy - Replace with new or overhaul exchange.		434a	TBO	D278-1	2078 REV.E		3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Fitting (carb heat control cable) - Replace with new.		436	OTL	D333-3			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Hydraulic Pump - Replace with new or overhaul exchange.		437	TBO	D500-1	4057 REV.H		3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Spacer (fuel control throttle bellcrank) - Replace with new.		438	OTL	D543-2			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Brace (fuel control) - Replace with new.		439	OTL	D730-8			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Sleeve - Fuel Control Inlet Fitting (orange, insulated) - Replace with new.		442	OTL	D735-1			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Pump - Fuel (electric) - Replace with new D743-3 pump. For helicopter S/N 13158 and prior equipped with D743-1, -2, or -4 aux fuel pump, also order KI-206-3 Provision Kit.		443	OTL	D743-1,-2,-3 OR -4			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Bellcrank Assy (forward & aft, R44) - Visually inspect. Replace if corrosion is evident. Verify bearing rotates smoothly without noise.		445	INSP	D756-3 & -4			3348:00	15.06.2022	2200:00			144MO				X	15 Jun 2034	2999DY
Elastic Cords - Cyclic - Replace with new.		447	OTL	D918-1 & -2			3348:00	15.06.2022	2200:00		0:00	2200FH / 144MO				X	4400FH / 15 Jun 2034	1052FH / 2999DY
Mixture Spring (fuel control) - Replace with new.		448	OTL	D930-1			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Connector Assy - Replace with new.		449	OTL	F628-1, -3			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Buckle Assy - Replace with new.		450	OTL	F628-7			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Nut (exhaust riser, 12 each) - Replace with new.		452	OTL	21FKF-518			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH
Bolts (oil cooler retaining) - Replace with new.		453	OTL	AN3-41A, AN3-44A			3348:00	15.06.2022	2200:00		0:00	2200FH				X	4400FH	1052FH

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1												
TT:	3348:00	TSO:	945:48													
Hobbs:	3348:00	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-26856-40E													
Sn:	1805															
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT
Clamp (mixture cable-to-C577-2 bracket) - Replace with new.		454	OTL	AN735-4		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Spring Pin (in D333-3 fitting) - Replace with new.		455	OTL	MS16562-4		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Washer (thick, fanwheel retaining nut) - Replace with new.		456	OTL	MS20002-24		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Washer (corrosion resistant, mixture arm, 2 each) - Replace with new C141-26 washers, per R44 SL-80.		457	OTL	NAS1149E0363R		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Washer (thin, fanwheel retaining nut) - Replace with new.		458	OTL	NAS1149F2432P		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Bolt (MR hub) - Replace with new.		459	OTL	NAS634-105		3348:00	15.06.2022	2200:00	0:00		2200FH			X	4400FH	1052FH
Nut (exhaust riser, 12 each) - Replace with new.		460	OTL	21FKF-518		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
Jam Nut (MR pitch link, 2 each) - Replace with new.		461	OTL	21FKF-813		3348:00	15.06.2022	2200:00			144MO			X	15 Jun 2034	2999DY
ADDITIONAL S/N PARTS		479				3348:00								X		
Clutch Shaft		480	TBO	C166-5	2491		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Clutch Shaft		481	INSP	C166-5	2491		3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Bearing Assy		482	TBO	C181-3	10214 REV.J		3348:00	01.03.2019	2402:12	195:00	2200FH			X	4407:12FH	1059:12FH
Bearing Assy		483	INSP	C181-3	10214 REV.AB		3348:00	01.03.2019	2402:12		144MO			X	01 Mar 2031	1797DY
Sprag Clutch		484	TBO	C188-3	13426 REV.H		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Sprag Clutch		485	INSP	C188-3	13426 REV.H		3348:00	15.06.2022	2200:00		144MO			X	15 Jun 2034	2999DY
Main Rotor Drive Shaft		487	OH	C251-2	R4549 REV.N		3348:00	15.06.2022	2200:00	0:00	2200FH			X	4400FH	1052FH
Main Tank Bladder - Remove main tank fuel bladder per §§ 12-11 and 12-21. Visually inspect; verify no cracking or delamination of rubber and rubber-to-metal joints. Visually inspect threaded inserts and fittings for damage. Pressurize to 1 psi max and check for leaks with mild soap & water mixture. Visually inspect tank structures for evidence of bladder leakage. Install bladders per §§ 12-11 and 12-21.		488	INSP	D028-1		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
Aux Tank Bladder - Remove aux tank fuel bladder per §§ 12-11 and 12-21. Visually inspect; verify no cracking or delamination of rubber and rubber-to-metal joints. Visually inspect threaded inserts and fittings for damage. Pressurize to 1 psi max and check for leaks with mild soap & water mixture. Visually inspect tank structures for evidence of bladder leakage. Install bladders per §§ 12-11 and 12-21.		489	INSP	D028-2		3348:00	15.06.2022	2200:00	0:00		2200FH / 144MO			X	4400FH / 15 Jun 2034	1052FH / 2999DY
ENGINE OVERHAUL REQUIREMENTS LYC SI 1009 & MSB 240		600				3348:00			0:00					X		
Replace Engine and all additional parts acc. LYC SI 1009	LYC_MSB-240AA	601	OH	O-540-F1B5	L-26856-40E		3348:00	13.07.2023	2402:12	0:00	2000FH / 144MO	200FH		X	4402:12+200FH* / 13 Jul 2035	1254:12FH / 3392DY
Magneto LH - Replace		603	OH	10-600616-3	D270004E		3348:00	18.03.2024	2883:06	0:00	2000FH / 144MO	200FH		X	4883:06+200FH* / 18 Mar 2036	1735:06FH / 3641DY
Magneto RH - Replace		604	OH	10-600646-201	E17AA106		3348:00	09.11.2023	3173:36	0:00	2000FH / 144MO	200FH		X	5173:36+200FH* / 09 Nov 2035	2025:36FH / 3511DY
Carburetor - Replace		605	OH	10-6035-11	AV105747		3348:00	13.07.2023	2402:12	0:00	2000FH	200FH		X	4402:12+200FH*	1254:12FH
Starter - Replace		606	OH	BC315-100-2	0525120509		3348:00	04.12.2025	3314:00	0:00	2000FH	200FH		X	5314+200FH*	2166FH
Alternator - Replace		608	OH	ALX-8521RS	H-U111861		3348:00	13.07.2023	2402:12	0:00	2000FH	200FH		X	4402:12+200FH*	1254:12FH

OE-XXQ - Recurring Maintenance (All)

Aircraft		Engine(s)		1													
TT:	3348:00	TSO:	945:48														
Hobbs:	3348:00	Pn:	O-540-F1B5														
Type:	R44 RAVEN I	Sn:	L-26856-40E														
Sn:	1805																
Description	AD/SB/MOD No.	ATA / Action	Pn	Sn	Curr. FH	Start date	Ac. TT	LSV tem	TT LSV	TH	Int.	Ext.*	Open Ite	Appl. N/A	Due RT	Rem. RT	
ADDITIONAL REQUIREMENTS		650				3348:00			0:00						X		
ELT Battery - Replace		651	LL	S1840510-01	TM0000360925		3348:00	31.07.2026	3339:12		72MO				X	31 Jul 2032	2315DY
Halon Fire Extinguisher - Replace		653	LL	RT-A400	D58313937		3348:00	31.12.2021	2200:00		144MO		X		X	31 Dec 2033	2833DY
Check that current POH Revision is installed		656	INSP				3348:00	12.02.2026	3332:06	0:00	12MO				X	12 Feb 2027	319DY
Check that current Pilot Checklist is installed		657	INSP				3348:00	12.02.2026	3332:06	0:00	12MO				X	12 Feb 2027	319DY
Check all placards acc. POH Chapter 2 and IPC 11-1. Renew if necessary		658	CHK				3348:00	12.02.2026	3332:06		12MO				X	12 Feb 2027	319DY