

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1														
TT:	4122:59	TSO:	27:31															
Hobbs:	2784:41	Pn:	O-540-F1B5															
Type:	R44 RAVEN I	Sn:	L-24861-40A															
Sn:	1460																	
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date	Ac. TT	LSV	em TT	LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT	
EUROPEAN REQUIREMENTS		000				4122:59					0:00					X		
Full Airworthiness Review		001	INSP			4122:59	02.07.2023	3833:05				36MO+0/-90DY				X	02 Jul 2026+0/-90DY	392+0/-90DY
ARC Extension		002	INSP			4122:59	02.07.2024	4049:31				12MO+0/-30DY				X	02 Jul 2025+0/-30DY	27+0/-30DY
EASA SIB 2011-15R3 - ADS-B Out, Mode S and Mode C Transponder Systems: Perform Ground Testing		003	INSP			4122:59	02.04.2025	4095:28				24MO				X	02 Apr 2027	666DY
Compass Compensation acc. FAR 23.1547 & 23.1327		006	INSP			4122:59	02.04.2025	4095:28		0:00		24MO	30DY			X	02 Apr 2027+30DY*	696DY
Check First Aid Kit for expired items. Replace if necessary and inform Rotor Trust about new next due expiry date		008	INSP			4122:59	02.04.2025	4095:28		0:00		12MO	15DY			X	02 Apr 2026+15DY*	316DY
Perform Weight & Balance (AMC1 CAT.POL.MAB.100(b)) and replace POH W&B Report & Equipmentlist		009	INSP			4122:59	25.03.2022	3474:01		0:00		48MO	30DY	X		X	25 Mar 2026+30DY*	323DY
SCHEDULED MAINTENANCE AIRFRAME RHC MM § 1.101		100	INSP			4122:59					0:00					X		
RHC § 2.600 - 2200-hour inspection (R44 / R44 II)		101a	INSP			4122:59	13.06.2017	2047:00		0:00		2200FH		X		X	4247FH	124:01FH
RHC § 2.600 - 12-Year inspection		102	INSP			4122:59	13.06.2017	2047:00		0:00		144MO		X		X	13 Jun 2029	1469DY
RHC § 2.200 - Ground & Flight Check for 100hour/Annual Inspection		103a	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
RHC § 2.300 - Airframe Preparation for 100-Hour/Annual Inspection		103b	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
RHC § 2.400 - 100-hour/Annual Airframe Inspection		104	INSP			4122:59	02.04.2025	4095:28		0:00		100±10FH / 12MO±15DY				X	4195:28±10FH / 02 Apr 2026±15DY	72:29±10FH / 301±15DY
RHC § 7.210 - Perform clutch assembly lubricant inspection & servicing		105	INSP			4122:59	02.04.2025	4095:28		0:00		500FH	25FH			X	4595:28+25FH*	497:29FH
RHC § 1.120 - Drain and flush MGB		108	INSP			4122:59	02.04.2025	4095:28		0:00	4FH	500FH	25FH			X	4595:28+25FH*	497:29FH
RHC § 1.130 - Drain and flush TGB		109	INSP			4122:59	02.04.2025	4095:28		0:00	4FH	500FH	25FH			X	4595:28+25FH*	497:29FH
RHC § 1.115 - Clean gearbox chip detectors		110	INSP			4122:59	02.04.2025	4095:28		0:00	4FH	500FH / 12MO	25FH/15DY			X	4595:28+25FH* / 02 Apr 2026+15DY*	497:29FH / 316DY
RHC § 1.140 - Lubricate C181-3 bearings		111	INSP			4122:59	02.04.2025	4095:28		0:00		300FH / 36MO	15FH/30DY			X	4395:28+15FH* / 02 Apr 2028+30DY*	287:29FH / 1062DY
RHC § 1.140 - Perform Ground Run after bearing lubrication		112	INSP			4122:59	02.04.2025	4095:28		0:00		300FH / 36MO	15FH/30DY			X	4395:28+15FH* / 02 Apr 2028+30DY*	287:29FH / 1062DY
RHC § 1.170 - Replace hydraulic filter		113	INSP			4122:59	08.03.2024	3937:48		0:00		300FH	15FH	X		X	4237:48+15FH*	129:49FH
RHC SL-38 - Cracked MS2142L-Nuts Inspection		122	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
RHC SL-46 - Clean Air Filter P/N B771-1/B771-2		124	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
RHC SL-46 - Air Filter Replacement P/N B771-1/B771-2		125	INSP			4122:59	08.03.2024	3937:48		0:00		600FH / 60MO	30FH/30DY	X		X	4537:48+30FH* / 08 Mar 2029+30DY*	444:49FH / 1402DY
Reminder: D210 Corrosion-Resistant (CRES) Nuts	R44_SL-50A	126	INSP			4122:59	02.04.2025	4095:28		0:00		100±10FH / 12MO±15DY				X	4195:28±10FH / 02 Apr 2026±15DY	72:29±10FH / 301±15DY
RHC § 28-60 (RHC SL-70) - Main Rotor Blade Tip Maintenance		128	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
ELT Security (FAA SAIB AIR-22-03)	FAA_SAIB_A IR-22-03; R44_SL-81	131	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
Tail Rotor Blade Condition and Care	R44_SL-82A	132	INSP			4122:59	02.04.2025	4095:28		0:00		100FH / 12MO	10FH/15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY

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Type:	R44 RAVEN I	Sn:	L-24861-40A														
Sn:	1460																
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date	Ac. TT	LSV em	TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT	
Check Hook and Loop Style Fasteners as Mounting Mechanism for an Emergency Locator Transmitter	EASA_SIB_2	133	INSP			4122:59	02.04.2025	4095:28			12MO	30DY			X	02 Apr 2026+30DY*	331DY
	013-04R2;																
	KANNAD_S																
	B_S1800000																
	-25																
Perform Gear Motor (P/N D276-1 or D276-3) Assembly Torque Stripe Inspection	FAA_SAIB_2	142				4122:59	02.04.2025	4095:28	0:00		100±10FH / 12MO±15DY				X	4195:28±10FH / 02 Apr 2026±15DY	72:29±10FH / 301±15DY
Critical Tasks: The Maintenance Organization has to follow the manufacturer instructions and regulations acc. Part-M/ML and Part-145.		150	INSP			4122:59	02.04.2025	4095:28	0:00		100FH / 12MO	10FH/ 15DY			X	4195:28+10FH* / 02 Apr 2026+15DY*	82:29FH / 316DY
MODIFICATIONS		179				4122:59									X		
Kannad AF / AF-H - Periodically Inspection iaw. Orolia Installation Manual DMA174S (current revision) & SL S18XX50X-25-02 (current revision) & SL S18XX502-25-12 (current revision)		184	INSP			4122:59	02.04.2025	4095:28			12MO	30DY			X	02 Apr 2026+30DY*	331DY
Kannad AF / AF-H - 6 Years Inspection iaw. Orolia Installation Manual DMA174S (current revision) & SL S18XX50X-25-02 (current revision) & SL S18XX502-25-12 (current revision)		185	INSP			4122:59	30.06.2022	3474:01			72MO				X	30 Jun 2028	1121DY
SCHEDULED MAINTENANCE ENGINE LYC OM § 04		200	INSP			4122:59				0:00					X		
LYC § 04.4 - 50-Hour Inspection		204	INSP			4122:59	02.04.2025	4095:28	0:00		50FH	10FH			X	4145:28+10FH*	32:29FH
LYC § 04.5 - 100-Hour Inspection		205	INSP			4122:59	02.04.2025	4095:28	0:00		100FH	10FH			X	4195:28+10FH*	82:29FH
LYC § 04.6 - 400-Hour Inspection (Shorter Intervall)		206	INSP			4122:59	02.04.2025	4095:28	0:00	100FH	300FH	30FH			X	4195:28+30FH*	102:29FH
LYC SI-1129D - Method of checking DC Alternator Belt Tension		207	INSP			4122:59	02.04.2025	4095:28	0:00	25FH	100FH	10FH			X	4195:28+10FH*	82:29FH
LYC SI-1191A - Cylinder Compression		208	INSP			4122:59	02.04.2025	4095:28	0:00		100FH	10FH			X	4195:28+10FH*	82:29FH
LYC SI-1080C - Maintenance Items for special attention		209	INSP			4122:59	02.04.2025	4095:28	0:00		50±10FH				X	4145:28±10FH	22:29±10FH
LYC SB-301B - Maintenance Procedure and Service Limitation for Valves		210	INSP			4122:59	02.04.2025	4095:28	0:00	100FH	300FH	30FH			X	4195:28+30FH*	102:29FH
LYC SB-366C - Carburetor Throttle Body Screw Inspection		212	INSP			4122:59	02.04.2025	4095:28	0:00		50±10FH				X	4145:28±10FH	22:29±10FH
Perform Exhaust Valve and Guide Condition	EU-2005-002	213				4122:59	02.04.2025	4095:28	0:00	100FH	330FH				X	4195:28FH	72:29FH
	3R3;																
	HB-2006-330																
	; LYC_SB-388																
	C																
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_MSB-4	215	INSP			4122:59	29.05.2025	4121:57	0:00	25FH	50±10FH / 4MO±15DY				X	4145:28±10FH / 29 Sep 2025±15DY	22:29±10FH / 116±15DY
LYC SB-183A - Magneto Timing Discrepancies		216	INSP			4122:59	02.04.2025	4095:28	0:00		100FH	10FH			X	4195:28+10FH*	82:29FH
SCHEDULED MAINTENANCE LH MAGNETO		250	INSP			4122:59				0:00					X		
CMI SB-643C - LH Magneto 100 Hours/Annual		252	INSP			4122:59	02.04.2025	4095:28	0:00		100FH / 12MO	10FH			X	4195:28+10FH* / 02 Apr 2026	82:29FH / 301DY
CMI SB-643C - LH Magneto 500 Hours		254	INSP	10-600616-3	E15HA084R		4122:59	21.01.2025	4095:28	0:00	500FH	25FH			X	4595:28+25FH*	497:29FH
Verify magneto (or EIS) drive cushion pliability (must tolerate 180° bend) - LH Magneto		262	INSP			4122:59	21.01.2025	4095:28	0:00		500FH / 60MO	25FH/ 30DY			X	4595:28+25FH* / 21 Jan 2030+30DY*	497:29FH / 1721DY
SCHEDULED MAINTENANCE RH MAGNETO		280				4122:59				0:00					X		
CMI SB-643C - RH Magneto 100 Hours/Annual		282	INSP			4122:59	02.04.2025	4095:28	0:00		100FH / 12MO	10FH			X	4195:28+10FH* / 02 Apr 2026	82:29FH / 301DY

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Type:	R44 RAVEN I	Sn:	L-24861-40A												
Sn:	1460														
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac. TT	LSV em	TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT
CMI SB-643C - RH Magneto 500 Hours	284	INSP	10-600646-201	E07AA243R	4122:59	21.01.2025	4095:28	0:00	500FH	25FH/30DY		X		4595:28+25FH* / 05 Oct 2027+30DY*	497:29FH / 882DY
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	E07AA243R	4122:59	21.01.2025	4095:28	0:00	500FH / 60MO	25FH/30DY		X		4595:28+25FH* / 21 Jan 2030+30DY*	497:29FH / 1721DY
Verify magneto (or EIS) drive cushion pliability (must tolerate 180° bend) - RH Magneto	292	INSP			4122:59	21.01.2025	4095:28	0:00	500FH / 60MO	25FH/30DY		X		4595:28+25FH* / 21 Jan 2030+30DY*	497:29FH / 1721DY
FATIGUE LIFE-LIMITED PARTS RHC MM § 3.120	300	LL			4122:59			0:00				X			
Main Rotor Blade, Rev. AJ & Prior - Replace (Note: Whichever limit occurs first. Calendar time starts on date of original RHC-issued Airworthiness Approval)	304	LL	C016-7	3311/3321 REV.AE	4122:59	13.06.2013	4095:28	1278:06	2200FH / 144MO			X	X	5017:22FH / 13 Jun 2025	894:23FH / 8DY
Upper Frame - Replace	308	LL	C020-1	12399 REV.X	4122:59	28.01.2025	4095:28	0:00	2200FH			X		6295:28FH	2172:29FH
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	21856/21856 REV.O	4122:59	11.11.2024	4095:28	0:00	2200FH / 180MO			X		6295:28FH / 11 Nov 2039	2172:29FH / 5272DY
Pinion, Main Gearbox - Replace	320	LL	C146-2	11654 REV.O	4122:59	07.10.2022	3736:35	0:00	2200FH			X		5936:35FH	1813:36FH
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	11905 REV. X	4122:59	09.10.2020	3174:27	0:00	2200FH			X		5374:27FH	1251:28FH
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	16308	4122:59	13.06.2013	4095:28	1278:06	2200FH			X	X	5017:22FH	894:23FH
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	16309	4122:59	13.06.2013	4095:28	1278:06	2200FH			X	X	5017:22FH	894:23FH
Sump, Main Gearbox - Replace	326	LL	C263-2	9600 REV.I	4122:59	07.10.2022	3736:35	0:00	2200FH			X		5936:35FH	1813:36FH
Housing, Main Gearbox - Replace	328	LL	C264-2	12042 REV.L	4122:59	07.10.2022	3736:35	0:00	2200FH			X		5936:35FH	1813:36FH
Gear Set, Tail Gearbox - Replace (Note: Maximum service life is 2000 hours if part is, or ever has been, installed on an R66 helicopter)	329	LL	C545-1	8678	4122:59	29.04.2014	3174:27	298:36	2200FH			X		5075:51FH	952:52FH
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	J201780 REV.AE	4122:59	07.10.2020	3174:27	0:00	2200FH			X		5374:27FH	1251:28FH
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	0423 REV.R	4122:59	13.06.2017	2047:00	0:00	2200FH			X	X	4247FH	124:01FH
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	6123 REV.G	4122:59	30.10.2019	4095:28	66:36	2200FH			X		6228:52FH	2105:53FH
Tailcone Assembly - Replace	341	LL	C023-15	2468 REV.AH	4122:59	28.08.2017	2077:34	2047:00	4400FH			X	X	4430:34FH	307:35FH
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	10122 REV.X	4122:59	01.06.2020	3174:27	0:00	4400FH			X		7574:27FH	3451:28FH
Lower Swashplate - Replace	343	LL	C198-1	0378 REV.G	4122:59	13.06.2017	2047:00	1040:06	4400FH			X		5406:54FH	1283:55FH
Jackshaft (Obsolete due to FAA AD 2014-23-16)	348	LL	C337-1	0430 REV.K	4122:59	12.06.2017	2047:00	1040:06	4400FH			X		5406:54FH	1283:55FH
ADDITIONAL COMPONENT MAINTENANCE RHC MM § 1.102	350				4122:59							X			
RHC § 1.102 A. Perform 12 Years Additional Component Maintenance	350a				4122:59	13.06.2017	2047:00		144MO			X	X	13 Jun 2029	1469DY
RHC § 1.102 B. Perform 2200/2400 Hours Additional Component Maintenance	350b				4122:59	13.06.2017	2047:00	0:00	2200FH			X	X	4247FH	124:01FH
Tail Rotor Bellcrank - Replace with new	351	OTL	A120-3		4122:59	13.06.2017	2047:00	75:12	2200FH / 144MO			X	X	4171:48FH / 13 Jun 2029	48:49FH / 1469DY
Spacer (at R44 and R44 Cadet powerplant control) - Replace with new	352	OTL	A130-21		4122:59	13.06.2017	2047:00	0:00	2200FH			X		4247FH	124:01FH
Spacer - Replace with new, per R44 SL-80	353	OTL	A130-48		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO			X		4247FH / 13 Jun 2029	124:01FH / 1469DY

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Type:	R44 RAVEN I	Sn:	L-24861-40A												
Sn:	1460														
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac.	TT LSV	em TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT
V-Belt Set - Replace with new	354	OTL	A190-3	REV.AB	4122:59	09.10.2020	3174:27	0:00		2200FH / 144MO		X		5374:27FH / 09 Oct 2032	1251:28FH / 2683DY
Fitting (mixture control arm) - Visually inspect. Replace if worn or corroded.	356	INSP	A462-4		4122:59	13.06.2017	2047:00			144MO		X		13 Jun 2029	1469DY
Fitting (mixture control arm) - Replace with new.	356a	OTL	A462-4		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Control Cable - Mixture - Replace with new: A522-7 carburetor; A522-13 fuel control	357	OTL	A522-7 AND -13		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Seal - Vertical Firewall - Replace with new: A595-1 neoprene; A595-2 Teflon	358	OTL	A595-1 AND -2		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Fitting (MRGB mount) - Visually inspect, included bore. Replace if worn or corroded.	359	INSP	A650-2 OR -4		4122:59	13.06.2017	2047:00			144MO		X		13 Jun 2029	1469DY
Fitting (MRGB mount) - Visually inspect, included bore. Replace if worn or corroded. Magnetic particle inspect per § 23-41.	359a	INSP	A650-2 OR -4		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Tube (aux fuel pump drain) - Replace with new.	360	OTL	A729-33		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Hoses - Replace with new: A785-6 bulkhead to MRGB; A785-7 alternator cooling; A785-10 carb heat scoop to airbox; A785-11 engine LH cowling to airbox; A785-12 scroll to muffler shroud; A785-13 muffler shroud to cabin heat inlet; A785-16 scroll to MRGB; A785-17 scroll to bulhead; A785-19 magneto cooling; A785-28 bulkhead to hydraulic reservoir; A785-31 R44II engine air intake	361	OTL	A785-22	REV.AX	4122:59	12.05.2017	2047:00	0:00		2200FH / 144MO	X	X		4247FH / 12 May 2029	124:01FH / 1437DY
Hose (alternator cooling) - Replace with new.	362	OTL	A785-32		4122:59	13.06.2017	2047:00			144MO		X		13 Jun 2029	1469DY
Elastic Cord - Tail Rotor - Replace with new. Dash number is selected during flight test evaluation.	363	OTL	A918-1 THRU -8		4122:59	13.06.2017	2047:00	0:00		2200FH / 144MO		X		4247FH / 13 Jun 2029	124:01FH / 1469DY
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		4122:59	20.10.2020	3174:28			144MO		X		20 Oct 2032	2694DY
Flex Plate Assy (intermediate) - Replace with new.	364a	OTL	A947-2		4122:59	06.07.1999	3174:27	800:54		2200FH		X		4573:33FH	450:34FH
V-Belt - Alternator - Replace with new.	365	OTL	B173-1	REV. H	4122:59	23.03.2020	3174:27	0:00		2200FH / 144MO		X		5374:27FH / 23 Mar 2032	1251:28FH / 2483DY
Clamps - Replace with new	367	OTL	B277-024 AND -036		4122:59	13.06.2017	2047:00	0:00		2200FH		X		4247FH	124:01FH
Hoses Assys - Replace with new: B283-1 oil pressure sender; B283-3 fuel; various; B283-7 fuel control to flow divider; B283-10 engine-driven fuel pump to fuel control; B283-9,-11 fuel return	368	OTL	B283-3	REV. X	4122:59	09.10.2020	3174:27	0:00		2200FH / 144MO		X		5374:27FH / 09 Oct 2032	1251:28FH / 2683DY
Pitch Link (tail rotor) - Replace with new.	369	OTL	B345-4		4122:59	18.07.2019	2569:52	0:00		2200FH		X		4769:52FH	646:53FH
Spring Pin (fanwheel retaining nut) - Replace with new.	370	OTL	B350-3		4122:59	01.11.2021	3442:00	0:00		2200FH		X		5642FH	1519:01FH
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	11905 REV.X	4122:59	09.10.2020	3174:27			144MO		X		09 Oct 2032	2683DY
C154-1 Main Rotor Hub Assy - Replace with new.	371a	OTL	C005-4		4122:59	09.10.2020	3174:24	0:00		2200FH		X		5374:24FH	1251:25FH
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		4122:59	13.06.2013	4095:28			144MO	X	X		13 Jun 2025	8DY
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		4122:59	13.06.2013	4095:28	1278:06		2200FH	X	X		5017:22FH	894:23FH
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	1520 REV.AN	4122:59	02.09.2022	3736:23			144MO		X		02 Sep 2034	3376DY

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1											
TT:	4122:59	TSO:	27:31												
Hobbs:	2784:41	Pn:	O-540-F1B5												
Type:	R44 RAVEN I	Sn:	L-24861-40A												
Sn:	1460														
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac.	TT LSV	em TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT
Main Rotor Gearbox Assy - Replace with new or overhaul exchange C006-8 main rotor gearbox assy.	373a	TBO	C006-8	1520 REV.AN	4122:59	07.10.2022	3736:35	0:00	2200FH			X		5936:35FH	1813:36FH
Fanshaft Assy - Inspect C181-3 bearing per § 2.502 step 3. Lubricate per § 1.140.	374	INSP	C007-5		4122:59	01.11.2021	3442:00		144MO			X		01 Nov 2033	3071DY
Fanshaft Assy - Replace with new.	374a	OTL	C007-5		4122:59	01.11.2021	3442:00	0:00	2200FH			X		5642FH	1519:01FH
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	REV.U	4122:59	30.10.2019	4095:28		144MO	182DY		X		30 Oct 2031+182DY*	2520DY
Tail Rotor Assy - Replace with new C008-9 tail rotor assy.	376a	TBO	C008-9	REV.U	4122:59	30.10.2019	4095:28	66:36	2200FH			X		6228:52FH	2105:53FH
Landing Gear Assy - Perform 12-year service per § 2.650 Part A.	378	INSP	C014-X		4122:59	13.06.2017	2047:00		144MO			X		13 Jun 2029	1469DY
Landing Gear Assy - Perform 2200-Hour service per § 2.650 Part B.	378a	INSP	C014-X		4122:59	13.06.2017	2047:00	0:00	2200FH			X		4247FH	124:01FH
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		4122:59	13.06.2017	2200:00		144MO			X		13 Jun 2029	1469DY
Swashplate Assy - Perform 12-year service per § 2.640, or replace with new or overhaul exchange.	380a	INSP	C017-6	1158 REV.AD	4122:59	07.10.2020	3174:27		144MO			X		07 Oct 2032	2681DY
Swashplate Assy - Replace with new or overhaul exchange C017-6 swashplate assy.	380b	TBO	C017-6	1158 REV.AD	4122:59	07.10.2020	3174:27	0:00	2200FH			X		5374:27FH	1251:28FH
Clutch Assy (C166-4 shaft) - Replace with new or overhaul exchange C018-4 or -5 clutch assy.	381	OTL	C018-2 OR -3		4122:59	09.06.2014	3174:27	800:54	2200FH / 144MO			X		4573:33FH / 09 Jun 2026	450:34FH / 369DY
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	12399 REV.X	4122:59	28.01.2025	4095:28		144MO			X		28 Jan 2037	4255DY
C020-1 (standard) or C020-2 (tie-down provision) Upper Frame Assy - Replace with new.	382a	OTL	C020-1	12399 REV.X	4122:59	28.01.2025	4095:28	0:00	2200FH			X		6295:28FH	2172:29FH
Tail Rotor Gearbox Assy - Perform 12-year service per § 2.610, or replace with new or overhaul exchange.	383	INSP	C021-1	1289	4122:59	29.04.2014	3174:27		144MO			X		29 Apr 2026	328DY
Tail Rotor Gearbox Assy - Replace with new or overhaul exchange.	383a	TBO	C021-1	1289	4122:59	29.04.2014	3174:27	298:36	2200FH			X		5075:51FH	952:52FH
Tail Rotor Pitch Control - Replace with new.	384	OTL	C031-1	10818 REV.K	4122:59	12.03.2018	4079:21	299:42	2200FH / 144MO			X		5979:39FH / 12 Mar 2030	1856:40FH / 1741DY
Bearing Assy - TRDS damper - Replace with new.	385	TBO	C041-11	REV. O	4122:59	05.06.2019	3174:27		144MO			X		05 Jun 2031	2191DY
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,-2 1,-23		4122:59	28.02.2022	4095:28	0:00	2200FH			X		6295:28FH	2172:29FH
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,-2 1,-23		4122:59	22.02.2022	4095:28		144MO			X		22 Feb 2034	3184DY
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		4122:59	19.02.2025	4095:28		144MO			X		19 Feb 2037	4277DY
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		4122:59	19.02.2025	4095:28	0:00	2200FH			X		6295:28FH	2172:29FH
Clutch Actuator Assy - Replace with new or overhaul exchange.	388a	TBO	C051-1	7339 REV.W	4122:59	02.07.2020	3174:27	800:54	2200FH			X		4573:33FH	450:34FH
Clutch Actuator Assy - Submit to RHC Repair Station for 12-year service, or replace with new or overhaul exchange.	388a	INSP	C051-1	7339 REV.W	4122:59	02.07.2014	3174:27		144MO			X		02 Jul 2026	392DY
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		4122:59	09.10.2020	3174:27	0:00	2200FH			X		5374:27FH	1251:28FH

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1									
TT:	4122:59	TSO:	27:31										
Hobbs:	2784:41	Pn:	O-540-F1B5										
Type:	R44 RAVEN I	Sn:	L-24861-40A										
Sn:	1460												
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac. TT	LSV em TT	LSV TH	Int.	Ext.*	Open Ite Appl N/A	Due RT	Rem. RT
Bumper - Tail Rotor - Replace with new.	390	OTL	C056-1		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO		X	4247FH / 13 Jun 2029	124:01FH / 1469DY
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		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
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		4122:59	26.10.2020	3174:27		144MO		X	26 Oct 2032	2700DY
Push-Pull Tube (tailcone) - Replace with new.	391b	OTL	C121-17		4122:59	06.07.1999	3174:27	800:54	2200FH		X	4573:33FH	450:34FH
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		4122:59	13.06.2017			144MO		X	13 Jun 2029	1469DY
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		4122:59	13.06.2017	2047:00	0:00	2200FH		X	4247FH	124:01FH
Thrust Washer - Replace with new, or: Visually inspect using 10x magnification for obvious damage; magentic particle inspect per § 23-41.	392	INSP	C152-1		4122:59	13.06.2017	2047:00	0:00	2200FH		X	4247FH	124:01FH
Exhaust Muffler Assy - Visually inspect muffler interior; verify no obvious damage and no loss of material.	393	INSP	C169-3,-32,-36 OR -38		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
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		4122:59	13.06.2017	2047:00	0:00	2200FH		X	4247FH	124:01FH
Support (engine mount at prop governor pad; constant 0.5-inch dia. vertical tube) - Replace with new C174 Rev. G and subsequent.	394	OTL	C174-1 REV.A THRU F		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO		X	4247FH / 13 Jun 2029	124:01FH / 1469DY
Support (engine mount at prop governor; vertical tube lower portion is 0.562 inch dia.) - Remove rod ends and visually inspect, including tube interiors. Replace if corrosion is evident.	394a	INSP	C174-1 REV.G AND SUBSEQUEN T		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
Support (engine mount at prop governor; vertical tube lower portion is 0.562 inch dia.) - Magnetic particle inspect support.	394b	INSP	C174-1 REV.G AND SUBSEQUEN T		4122:59	13.06.2017	2047:00	0:00	2200FH		X	4247FH	124:01FH
Nut - Replace with new: C182-1 (fanwheel retaining nut)	395	OTL	C182-1 AND C189-14		4122:59	01.11.2021	3442:00	0:00	2200FH		X	5642FH	1519:01FH
Nut - Replace with new: C189-14 (MR hub bolt)	395a	OTL	C189-14		4122:59	09.10.2020	3174:27	0:00	2200FH		X	5374:27FH	1251:28FH
Main Rotor Pitch Link Assy - Perform inspection per § 2.630, or replace with new.	396a	INSP	C258-5		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
Main Rotor Pitch Link Assy - Replace with new, or perform inspection per § 2.630 and magnetic particle inspect barrel.	396b	OTL	C258-5		4122:59	13.06.2017	2047:00	0:00	2200FH		X	4247FH	124:01FH
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		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
Torque Tube - Cyclic - Visually inspect. If exterior corrosion is evident, remove and inspect tube interior. Repair or replace as required.	398	INSP	C319-5		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
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		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
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		4122:59	13.06.2017	2047:00		144MO		X	13 Jun 2029	1469DY
Jackshaft Weldment - Visually inspect. Repair or replace as required.	401	OTL	C339-1 OR -10		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO		X	4247FH / 13 Jun 2029	124:01FH / 1469DY
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		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO		X	4247FH / 13 Jun 2029	124:01FH / 1469DY

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1																
TT:	4122:59	TSO:	27:31																	
Hobbs:	2784:41	Pn:	O-540-F1B5																	
Type:	R44 RAVEN I	Sn:	L-24861-40A																	
Sn:	1460																			
Description	AD/SB/Mod	ATA / I	Action	Pn	Sn		Curr. FH	Start date	Ac. TT	LSV em	TT LSV	TH	Int.	Ext.*	Open Ite		Appl N/A	Due RT		Rem. RT
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				4122:59	13.06.2017	2047:00				144MO				X	13 Jun 2029		1469DY
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				4122:59	13.06.2017	2047:00				144MO				X	13 Jun 2029		1469DY
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				4122:59	13.06.2017	2047:00		0:00		2200FH / 144MO				X	4247FH / 13 Jun 2029		124:01FH / 1469DY
Swashplate Boot - Replace with new.	406	OTL	C480-1	REV.B			4122:59	30.06.2025	4095:28		0:00		2200FH / 144MO				X	6295:28FH / 30 Jun 2037		2172:29FH / 4408DY
Control Cable - Carburetor Heat - Replace with new.	407	OTL	C522-7				4122:59	13.06.2017	2047:00		0:00		2200FH				X	4247FH		124:01FH
Scoop Assy - Carburetor Heat - Replace with new.	408	OTL	C568-1				4122:59	13.06.2017	2047:00		0:00		2200FH				X	4247FH		124:01FH
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				4122:59	13.06.2017	2047:00				144MO				X	13 Jun 2029		1469DY
Gasket (airbox-to-carburetor) - Replace with new.	410	OTL	C615-1				4122:59	13.06.2017	2047:00		0:00		2200FH				X	4247FH		124:01FH
4-/5-point Harness Assy - Replace with new.	411	OTL	C430-1				4122:59	13.06.2017	2047:00		0:00		2200FH		X		X	4247FH		124:01FH
Connector Assy - Replace with new.	412	OTL	C628-1/C628-2				4122:59	06.07.1999	3174:27		800:54		2200FH				X	4573:33FH		450:34FH
Hydraulic Servo Actuators	413	TBO	D212-1	9942A			4122:59	13.06.2017	2047:00		0:00		2200FH		X		X	4247FH		124:01FH
Hydraulic Servo Actuators	413	TBO	D212-1	3759 REV.G			4122:59	13.06.2017	2047:00		0:00		2200FH		X		X	4247FH		124:01FH
Oil Cooler - Flush & 400-psi pressure test or overhaul or replace with new.	413a	INSP	C649-2 (10886A)	2519			4122:59	01.02.2024	4095:28				144MO				X	01 Feb 2036		3893DY
Hydraulic Servo Actuators	414	INSP	D212-1	9942A			4122:59	09.03.2017	2047:00				144MO				X	09 Mar 2029		1373DY
Hydraulic Servo Actuators	414	INSP	D212-1	3759 REV.G			4122:59	08.03.2017	2047:00				144MO				X	08 Mar 2029		1372DY
Nozzle Assy (MRGB cooling) - Replace with new	415	OTL	C749-1				4122:59	13.06.2017	2047:00		0:00		2200FH				X	4247FH		124:01FH
Dual Tachometer - Submit to RHC repair station for 12-year service, or replace with new or overhaul exchange	416	INSP	C792-4	1721			4122:59	20.01.2015	2047:00				144MO				X	20 Jan 2027		594DY
Dual Tachometer - Replace with new or overhaul exchange	416a	TBO	C792-5	F24-10266 REV.R			4122:59	11.02.2025	4095:28		0:00		2200FH				X	6295:28FH		2172:29FH
Yoke - Clutch Shaft Forward (1.43-inch dia. center hole between arms) - Visually inspect using 10x magnification for obvious damage; replace yoke if damaged. (NOTE FAA AD 2024-19-11)	417a	INSP	C907-1 OR -2 REV. H AND SUBSEQUENT	REV. J			4122:59	02.10.2024	4095:28				144MO				X	02 Oct 2036		4137DY
Yoke - Clutch Shaft Forward (1.43-inch dia. center hole between arms) - Replace with new, or: Liquid-strip paint using § 23-71 approved materials only. Visually inspect using 10x magnification for obvious damage; replace yoke if damaged or if cadmium plating is absent. Magnetic particle inspect per § 23-41. Chromate-epoxy prime, & topcoat non-clamping areas with white epoxy paint per § 23-60. (NOTE FAA AD 2024-19-11)	417b	OTL	C901-1 OR -2 REV. H AND SUBSEQUENT	REV.J			4122:59	02.10.2024	4095:28		0:00		2200FH				X	6295:28FH		2172:29FH
Elastic Cord - Collective - Replace with new.	418	OTL	C918-15				4122:59	13.06.2017	2047:00		0:00		2200FH / 144MO				X	4247FH / 13 Jun 2029		124:01FH / 1469DY
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				4122:59	26.10.2020	3174:27				144MO				X	26 Oct 2032		2700DY
Engine Cooling Panels (consult IPC)	419	OTL	VARIOUS				4122:59	06.07.1999	3174:27		800:54		2200FH				X	4573:33FH		450:34FH

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1												
TT:	4122:59	TSO:	27:31													
Hobbs:	2784:41	Pn:	O-540-F1B5													
Type:	R44 RAVEN I	Sn:	L-24861-40A													
Sn:	1460															
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac.	TT LSV	em TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT	
Flex Plate Assy (forward & aft) - Replace with new.	419a	OTL	C947-1 AND -3			4122:59	06.07.1999	3174:27	800:54	2200FH			X	4573:33FH	450:34FH	
Strut Weldment - LH - Visually inspect for corrosion. If light 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			4122:59	28.02.2022	4095:28		144MO			X	28 Feb 2034	3190DY	
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			4122:59	28.02.2022	4095:28	0:00	2200FH			X	6295:28FH	2172:29FH	
Strut Weldment - RH - Visually inspect for corrosion. If light 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			4122:59	28.02.2022	4095:28		144MO			X	28 Feb 2034	3190DY	
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			4122:59	28.02.2022	4095:28	0:00	2200FH			X	6295:28FH	2172:29FH	
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			4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH	
Stop (teeter, 2 each) - Replace with new.	423	OTL	D151-2			4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY	
Fanwheel Assy - Perform 12-year service per § 2.620, or replace with new or overhaul exchange.	424	INSP	D174-2	REV. O		4122:59	01.11.2021	3442:00		144MO			X	01 Nov 2033	3071DY	
Fanwheel Assy - Replace with new or overhaul exchange.	424a	TBO	D174-2	REV. O		4122:59	01.11.2021	3442:00	0:00	2200FH			X	5642FH	1519:01FH	
Support Assy (Hydraulic Servos fwd) - Replace with new D201-6 support assy. Use NAS6604H16 bolt & NAS1149F0432P washer and safety wire (4 places) to secure servos.	425	OTL	D201-5			4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO			X	4247FH / 13 Jun 2029	124:01FH / 1469DY	
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			4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY	
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			4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH	
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			4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY	
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			4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH	
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			4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY	
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			4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY	
Hydraulic Reservoir - Perform 12-year service per § 2.660, or replace with new or overhaul exchange.	430	INSP	D211-1	1561 REV.P		4122:59	16.03.2017	2047:00		144MO			X	16 Mar 2029	1380DY	
Hydraulic Reservoir - Replace with new or overhaul exchange.	430a	TBO	D211-1	1561 REV.P		4122:59	13.06.2017	2047:00	0:00	2200FH		X		X	4247FH	124:01FH
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	4253 REV.G/9942A/3759 REV.G		4122:59	08.03.2017	2047:00		144MO			X	08 Mar 2029	1372DY	
Hydraulic Servo Actuators - Replace with new or overhaul exchange.	431a	TBO	D212-1	4253 REV.G/9942A/3759 REV.G		4122:59	13.06.2017	2047:00	0:00	2200FH		X		X	4247FH	124:01FH
Tail Rotor Drive Shaft - Remove yoke(s) and inspect shaft interior using borescope. Replace shaft if corrosion is evident.	432	INSP	D224-1 & -2	0737 REV.J		4122:59	26.10.2020	3174:28		144MO			X	26 Oct 2032	2700DY	
Tail Rotor Drive Shaft - Replace with new.	432a	OTL	D224-1	0737 REV.J		4122:59	06.07.1999	3174:27	800:54	2200FH			X	4573:33FH	450:34FH	
Governor Controller Assy - Submit to RHC Repair Station for 12-year service, or replace with new or overhaul exchange.	434	INSP	D278-1	0989 REV.E		4122:59	01.07.2021	3472:42		144MO			X	01 Jul 2033	2948DY	

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1										
TT:	4122:59	TSO:	27:31											
Hobbs:	2784:41	Pn:	O-540-F1B5											
Type:	R44 RAVEN I	Sn:	L-24861-40A											
Sn:	1460													
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac. TT LSV	em TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT
Governor Controller Assy - Replace with new or overhaul exchange.	434a	TBO	D278-1	0989 REV.E	4122:59	15.03.2022	3472:42	0:00	2200FH			X	5672:42FH	1549:43FH
Fitting (carb heat control cable) - Replace with new.	436	OTL	D333-3		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Hydraulic Pump - Replace with new or overhaul exchange.	437	TBO	D500-1	2413 REV.G	4122:59	13.06.2017	2047:00	0:00	2200FH		X	X	4247FH	124:01FH
Spacer (fuel control throttle bellcrank) - Replace with new.	438	OTL	D543-2		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Brace (fuel control) - Replace with new.	439	OTL	D730-8		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Sleeve - Fuel Control Inlet Fitting (orange, insulated) - Replace with new.	442	OTL	D735-1		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
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		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Bellcrank Assy (forward & aft, R44) - Visually inspect. Replace if corrosion is evident. Verify bearing rotates smoothly without noise.	445	INSP	D756-3	REV.F	4122:59	12.05.2017	2047:00		144MO			X	12 May 2029	1437DY
Elastic Cords - Cyclic - Replace with new.	447	OTL	D918-1 & -2		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO			X	4247FH / 13 Jun 2029	124:01FH / 1469DY
Mixture Spring (fuel control) - Replace with new.	448	OTL	D930-1		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Connector Assy - Replace with new.	449	OTL	F628-1, -3		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Buckle Assy - Replace with new.	450	OTL	F628-7		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Nut (exhaust riser, 12 each) - Replace with new.	452	OTL	21FKF-518		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Bolts (oil cooler retaining) - Replace with new.	453	OTL	AN3-41A, AN3-44A		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Clamp (mixture cable-to-C577-2 bracket) - Replace with new.	454	OTL	AN735-4		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Spring Pin (in D333-3 fitting) - Replace with new.	455	OTL	MS16562-4		4122:59	13.06.2017	2047:00	0:00	2200FH			X	4247FH	124:01FH
Washer (thick, fanwheel retaining nut) - Replace with new.	456	OTL	MS20002-24		4122:59	01.11.2021	3442:00	0:00	2200FH			X	5642FH	1519:01FH
Washer (corrosion resistant, mixture arm, 2 each) - Replace with new C141-26 washers, per R44 SL-80.	457	OTL	NAS1149E03 63R		4122:59	13.06.2017	2047:00	0:00	2200FH / 144MO			X	4247FH / 13 Jun 2029	124:01FH / 1469DY
Washer (thin, fanwheel retaining nut) - Replace with new.	458	OTL	NAS1149F24 32P		4122:59	01.11.2021	3442:00	0:00	2200FH			X	5642FH	1519:01FH
Bolt (MR hub) - Replace with new.	459	OTL	NAS634-105		4122:59	09.10.2020	3174:27	0:00	2200FH			X	5374:27FH	1251:28FH
Nut (exhaust riser, 12 each) - Replace with new.	460	OTL	21FKF-518		4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY
Jam Nut (MR pitch link, 2 each) - Replace with new.	461	OTL	21FKF-813		4122:59	13.06.2017	2047:00		144MO			X	13 Jun 2029	1469DY
ADDITIONAL S/N PARTS	479				4122:59							X		
Clutch Shaft	480	TBO	C166-4	1195	4122:59	06.07.1999	3174:27	800:54	2200FH			X	4573:33FH	450:34FH
Clutch Shaft	481	INSP	C166-4	1195	4122:59	29.07.2014	3174:27		144MO			X	29 Jul 2026	419DY
Bearing Assy	482	TBO	C181-3	11553 REV.AQ	4122:59	01.11.2021	3442:00	0:00	2200FH			X	5642FH	1519:01FH
Bearing Assy	483	INSP	C181-3	11553 REV.AC	4122:59	01.11.2021	3442:00		144MO			X	01 Nov 2033	3071DY

D-HANS - Recurring Maintenance (All)

Aircraft		Engine(s)		1											
TT:	4122:59	TSO:	27:31												
Hobbs:	2784:41	Pn:	O-540-F1B5												
Type:	R44 RAVEN I	Sn:	L-24861-40A												
Sn:	1460														
Description	AD/SB/MOD I	ATA / I	Action Pn	Sn	Curr. FH	Start date Ac.	TT LSV	em TT LSV	TH	Int.	Ext.*	Open Ite	Appl N/A	Due RT	Rem. RT
Sprag Clutch	484	TBO	C188-3	9946	4122:59	09.06.2014	3174:27	298:36		2200FH		X		5075:51FH	952:52FH
Sprag Clutch	485	INSP	C188-3	9946	4122:59	09.06.2014	3174:27			144MO		X		09 Jun 2026	369DY
Main Rotor Drive Shaft	487	OH	C251-2	R6478 REV.O	4122:59	07.10.2022	3736:23	0:00		2200FH		X		5936:23FH	1813:24FH
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		4122:59	02.04.2025	4095:28	0:00		2200FH / 144MO		X		6295:28FH / 02 Apr 2037	2172:29FH / 4319DY
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		4122:59	02.04.2025	4095:28	0:00		2200FH / 144MO		X		6295:28FH / 02 Apr 2037	2172:29FH / 4319DY
ENGINE OVERHAUL REQUIREMENTS LYC SI 1009 & MSB 240	600				4122:59			0:00				X			
Engine	601	OH	O-540-F1B5	L-24861-40A	4122:59	21.01.2025	4095:28	0:00		2000+200/-0FH / 144MO		X		6095:28+200/-0FH / 21 Jan 2037	1972:29+200/-0FH / 4248DY
Magneto LH	603	OH	10-600616-3	E15HA084R	4122:59	21.01.2025	4095:28	0:00		2000FH / 144MO	200FH	X		6095:28+200FH* / 21 Jan 2037	2172:29FH / 4248DY
Magneto RH	604	OH	10-600646-201	E07AA243R	4122:59	21.01.2025	4095:28	0:00		2000FH / 144MO	200FH	X		6095:28+200FH* / 21 Jan 2037	2172:29FH / 4248DY
Carburetor	605	OH	10-6035-11	75058202	4122:59	13.06.2017	2047:00	75:24		2000FH	200FH	X	X	3971:36+200FH*	48:37FH
Starter	606	OH	BC315-100-2	1004001008	4122:59	21.03.2019	4095:28	310:39		2000FH	200FH	X		5784:49+200FH*	1861:50FH
Alternator	608	OH	ALX-8521R	H-T061910	4122:59	30.06.2023	3838:12	1366:18		2000FH	200FH	X		4471:54+200FH*	548:55FH
ADDITIONAL REQUIREMENTS	650				4122:59			0:00				X			
ELT Battery	651	LL	S1840501-01		4122:59	30.06.2022	3474:01			72MO		X		30 Jun 2028	1121DY
Fire Extinguisher	653	LL	RT-A400	D58313939	4122:59	31.12.2020	3447:30			144MO		X		31 Dec 2032	2766DY
Check that current POH Revision is installed	656	INSP			4122:59	02.04.2025	4095:28	0:00		12MO		X		02 Apr 2026	301DY
Check that current Pilot Checklist is installed	657	INSP			4122:59	02.04.2025	4095:28	0:00		12MO		X		02 Apr 2026	301DY