

AC Type: **R44** AIRCRAFT ENGINE 1  
 AC Serial No.: **1357** Hours: **2.956,1** Hours: **2.898,4**  
 AC Year of MFG: **2004** Landings: **7330**  
 Date of check: **4-Sep-2018**

Description	INSPECTION				AC		PERFORMANCE			
	Limit	Type of Limit	Tolerance	Consumed Time	Hours at Installation	Date at Installation	due at	incl. Tolerance	Remaining Time	Remaining incl. Tol.
<b>SCHEDULED MAINTENANCE</b>										
<b>50h Inspection</b> i.a.w. RHC MM 1.101	SC	50	AC Hours	5,0 h	2.933,5 h	22-Aug-2018	2.983,5 h	2.988,5 h	27,4 h	32,4 h
<b>100h Inspection</b> i.a.w. RHC MM 1.101	SC	100	AC Hours	10,0 h	2.898,4 h	1-Aug-2018	2.998,4 h	3.008,4 h	42,3 h	52,3 h
<b>2200h Inspection</b> i.a.w. RHC MM 2.700	SC	12	Month				1-Aug-2019		331 D	
<b>2200h Inspection</b> i.a.w. RHC MM 2.700	SC	2.200	AC Hours		2.188,0 h	9-Mar-2016	4.388,0 h		1.431,9 h	
<b>12 Years Inspection</b> i.a.w. RHC MM 2.600	SC	12	Years		0,0 h	9-Mar-2016	9-Mar-2028		3474 D	
<b>EUROPEAN / NATIONAL REQUIREMENTS</b>										
<b>Airworthiness Review</b> i.a.w. M.A.710, Fa. AMC	SC	12	Month			28-Sep-2017	2-Oct-2018	28-Sep-2018	28 D	
<b>Inspection First Aid Kit</b> i.a.w. AMC 1 & 2 CAT.IDE.H.220	SC	12	Month			16-Feb-2018	16-Feb-2019		165 D	
<b>Weight &amp; Balance</b> i.a.w. CAT.POL. MAB.100	SC	4	Years			14-Mar-2016	14-Mar-2020		557 D	
<b>ADDITIONAL MAINTENANCE TASKS</b>										
<b>Avionic Inspection</b> i.a.w. Avionic Inspection Programme AMP	SC	24	Month			16-Feb-2018	16-Feb-2020		530 D	
<b>Inspection ELT</b> i.a.w. Kannad OM Expire Date 02/2022	SC	12	Month			14-Feb-2018	14-Feb-2019		163 D	
<b>Fire Extinguisher Inspection</b> i.a.w. IM F74/76-00	SC	24	Month			14-Feb-2018	14-Feb-2020		528 D	
<b>C181-3 Bearing Lubrication</b> i.a.w. RHC MM 1.140 C181-3LUB	SC	300	AC Hours		2.727,5 h	25-Jan-2018	3.027,5 h		71,4 h	
<b>MR Gearbox Drain &amp; Flush</b> i.a.w RHC MM 1.120	SC	36	Month							
<b>MR Gearbox Drain &amp; Flush</b> i.a.w RHC MM 1.120	SC	500	AC Hours		2.661,2 h	25-Sep-2017	3.161,2 h		205,1 h	
<b>MR Gearbox Chip Detectors</b> RHC MM 1.120	SC	500	AC Hours		2.898,4 h	1-Aug-2018	3.398,4 h		442,3 h	
	SC	12	Month				1-Aug-2019		331 D	

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<b>TR Gearbox Drain &amp; Flush</b> RHC MM 1.130	SC	500	AC Hours		2.661,2 h	25-Sep-2017	3.161,2 h		205,1 h		
<b>TR Gearbox Chip Detectors</b> RHC MM 1.130	SC	500	AC Hours		2.898,4 h	1-Aug-2018	3.398,4 h		442,3 h		
	SC	12	Month				1-Aug-2019		331 D		
<b>Magneto Cushion pliability</b> Inspection / Replacment	TBO	500	AC Hours		2.661,2 h	25-Sep-2017	3.161,2 h		205,1 h		
	TBO	4	Years				25-Sep-2021		1117 D		
<b>Clutch Assy Lubrication</b> Inspection & Servicing i.a.w. RHC MM 7.210	SC	500	AC Hours		2.661,2 h	25-Sep-2017	3.161,2 h		205,1 h		
<b>Hydraulic Filter Replacement</b> i.a.w. RHC MM 1.170	SC	300	AC Hours		2.727,5 h	25-Jan-2018	3.027,5 h		71,4 h		
<b>B771-2 Cleanable Air Filter</b> Replacement i.a.w. SL-46	TBO	600	AC Hours		2.474,6 h	12-Dec-2016	3.074,6 h		118,5 h		
	TBO	5	Years				12-Dec-2021		1195 D		
<b>GTR 225A VHF COM Maintenance Instruction</b> i.a.w ICA 2016_006_R-44_0507 2016_006_R-44	SC	12	Month		2.727,9 h	16-Feb-2018	16-Feb-2019		165 D		
<b>AIRWORTHINESS DIRECTIVES / SERVICE BULLETINS</b>											
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<b>LTA 2005-419R3 Lycoming (Exhaust Valves)</b> Inspection i.a.w. SB-388C Lycoming	SC	300	AC Hours	30,00 h	200,0 h	2.898,4 h	1-Aug-2018	2.998,4 h	3028,40 h	42,3 h	72,30 h
<b>FAA AD 2014-23-16 (MR Blade Inspection)</b> Inspection i.a.w. SB-72 RHC	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
	SC	4	Month				1-Dec-2018		88 D		
<b>FAA AD 2014-23-16 (MR Blade Replacement)</b> Replacement i.a.w. SB-72 RHC until 05. Dec. 2019	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
	SC	4	Month				1-Dec-2018		88 D		
SERVICE BULLETINS											
<b>SB-183A Lycoming ( Magneto to Engine Timing)</b> Inspection / Adjustment	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
<b>SB-301B Lycoming (Valves)</b> Inspection	SC	300	AC Hours			2.727,5 h	25-Jan-2018	3.027,5 h		71,4 h	
<b>SB-366C Lycoming (Carburetor Screws)</b> Inspection	SC	50	AC Hours			2.933,5 h	22-Aug-2018	2.983,5 h		27,4 h	
<b>SB-480F Lycoming (Oil/Oilfilter)</b> Replacement	SC	50	AC Hours			2.933,5 h	22-Aug-2018	2.983,5 h		27,4 h	
	SC	4	Month				22-Dec-2018		109 D		

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<b>SB-643C TCM (500h Inspection)</b>	SC	500	AC Hours			2.898,4 h	1-Aug-2018	3.398,4 h		442,3 h	
Inspection	SC										

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<b>SERVICE LETTERS</b>											
<b>SL-31 RHC (MR Blade Doublers)</b>	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
Inspection	SC	12	Month					1-Aug-2019		331 D	
<b>SL-38 RHC (Cracked Nuts)</b>	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
Inspection	SC	12	Month					1-Aug-2019		331 D	
<b>SL-43 RHC (C343-1 Push-Pull Tube)</b>	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
Inspection / Replacement	SC	12	Month					1-Aug-2019		331 D	
<b>SL-64A RHC (Fire Extinguisher) Handling and Maintenance</b>	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
Inspection / Weight Check	SC	12	Month					1-Aug-2019		331 D	
<b>SERVICE INFORMATION</b>											
<b>SI-1129D Lycoming (Alternator Belt Tension)</b>	SC	100	AC Hours			2.916,5 h	13-Aug-2018	3.016,5 h		60,4 h	
Inspection											
<b>SI-1191A Lycoming (Cylinder Compression)</b>	SC	100	AC Hours			2.898,4 h	1-Aug-2018	2.998,4 h		42,3 h	
Inspection		12	Month					1-Aug-2019		331 D	
<b>SI-1080C Lycoming (Special Inspection Items)</b>	SC	50	AC Hours			2.933,5 h	22-Aug-2018	2.983,5 h		27,4 h	
Inspection	SC	12	Month					22-Aug-2019		352 D	