

# INSPECTION REQUIREMENTS

HELICOPTER MODELL: **UH-1D**

s/n.: **8116**

t.t.: **11027:45**

Erstzulassung **29.04.1968**

situation of the: **23.05.2023**

ENGINE MODELL: **T53 L13B**

marks: **70+56**

Engine # 1 s/n.: **7155**

t.t.: **7043:45**

cycles: **12.754**

## LIFE LIMITS REQUIREMENTS

### LIFE LIMITED COMPONENTS

Part Number	Description	S/N.	Action	Retirement Life		Installation date				Life Component		Residue		Remove		Cycles				
				TTZUL	TBO	Heli		Component		Hours	Cycles	Hours	Cycles	TTZUL	TBO	Hours	Date	TTZUL	TBO	Residue
						Hours	Date	Hours	Cycles											
<b>Tailboom</b>																				
105-071-660-23	Tailboom	8132	On Condition					4424:45			7926:25	-	-							
205-030-856-157S	Elevator Assembly	A-505	Life Limit	3300				2761:00			2761:00	539:00	-							
205-030-856-159S	Elevator Assembly	A-302	Life Limit	3300				1940:00			1940:00	1360:00	-							
204-040-600-11	Hangar Assy	A20-40839	On Condition					-			6289:10	-	-							
204-040-623-111	Bearing	ZS24926	Life Limit/Overhaul	1200	1200			171:40			171:40	1028:20	1028:20							
204-040-600-11	Hangar Assy	A20-43636	On Condition					-			8786:40	-	-							
204-040-623-111	Bearing	ZS24920	Life Limit/Overhaul	1200	1200			171:40			171:40	1028:20	1028:20							
204-040-600-11	Hangar Assy	A20-48129	On Condition					-			398:55	-	-							
204-040-623-111	Bearing	ZS24917	Life Limit/Overhaul	1200	1200			171:40			171:40	1028:20	1028:20							
204-040-600-11	Hangar Assy	A20-47163	On Condition					-			8786:40	-	-							
204-040-623-111	Bearing	ZS24945	Life Limit/Overhaul	1200	1200			171:40			171:40	1028:20	1028:20							
<b>Tail Rotor Actuator</b>																				
1660-23	Tail Rotor Actuator	10049	On Condition					4008:50			4008:50	-	-							
<b>Hydraulic Servos</b>																				
32850-2UC	Hydraulic Servo	F0816	Overhaul	300				171:40			5769:35	-	128:20							
32850-1	Hydraulic Servo	F0959	Overhaul	300				171:40			5579:45	-	128:20							
32850-1UC	Hydraulic Servo	F1550	Overhaul	300				171:40			5652:50	-	128:20							
<b>Stabilizer</b>																				
204-011-326-7	Stabilizer Bar	Q19-7510	Overhaul	1200				467:40			5874:40	-	732:20							
204-011-307-105	Stabilizer Bar Centerframe	REFS1404	Life Limit/Overhaul	3600	1200			467:40			467:40	3132:20	732:20							
204-011-307-105	Stabilizer Bar Centerframe	REFS1337	Life Limit/Overhaul	3600	1200			467:40			467:40	3132:20	732:20							
204-011-301-1	Mixing Lever	RE-0773	Overhaul	1200				467:40			8395:00	-	732:20							
204-011-301-1	Mixing Lever	583	Overhaul	1200				467:40			8395:00	-	732:20							
204-011-328-11	Stabilizer Bar Tube	SS-06463K	Life Limit/Overhaul	5000	1200			467:40			4673:40	326:20	732:20							
204-011-328-11	Stabilizer Bar Tube	SS-06438K	Life Limit/Overhaul	5000	1200			467:40			4673:40	326:20	732:20							
SGT 520-5	Hydraulic Damper	R19-8071	On Condition					4283:35			6043:40	-	-							
SGT 520-5	Hydraulic Damper	R19-8469	On Condition					4064:45			4064:45	-	-							
<b>Main Rotor Blade</b>																				
205-015-150-101	Main Rotor Blade	D-FS-1492V	Life Limit/Overhaul	10000:00	10000:00			1684:05			1684:05	8315:55	8315:55							
205-015-150-101	Main Rotor Blade	D-FS-1526V	Life Limit/Overhaul	10000:00	10000:00			2197:10			2197:10	7802:50	7802:50							
<b>Main Rotor Head</b>																				
204-012-101-5139	Main Rotor Head	ABG-5679	Overhaul	1200				767:40			5141:45	-	432:20							
204-011-102-17	Main Rotor Yoke	J1-1-4339	Life Limit/Overhaul	5000	1200			767:40			3820:55	1179:05	432:20							
204-011-121-1G	Main Rotor Blade Grip	J1-14431	Overhaul	1200				767:40			6021:40	-	432:20							
204-011-121-1G	Main Rotor Blade Grip	J1-14434	Overhaul	1200				767:40			6021:40	-	432:20							
204-011-140-1	Drag Brace	A-3496	Life Limit/Overhaul	2400	1200			767:40			1066:55	1333:05	432:20							
204-011-140-1	Drag Brace	A-4055	Life Limit/Overhaul	2400	1200			467:40			467:40	1932:20	732:20							
204-011-120-5	Pitch Horn	REFS-1985	Life Limit/Overhaul	3600	1200			767:40			1659:30	1940:30	432:20							
204-011-120-5	Pitch Horn	REFS-2110	Life Limit/Overhaul	3600	1200			767:40			1659:30	1940:30	432:20							
204-310-101-101	TT Straps	LPFS16032	Life Limit/Overhaul	2400	1200			767:40			772:15	1627:45	432:20							
204-310-101-101	TT Straps	LPFS16035	Life Limit/Overhaul	2400	1200			767:40			772:15	1627:45	432:20							
204-011-105-1	Main Rotor Trunnion	MO-073	Life Limit/Overhaul	12000:00	1200			767:40			5141:45	6858:15	432:20							
204-012-102-5	Main Rotor Hub Inboard Strap Fittings	A1-32313	Life Limit/Overhaul	2400	1200			767:40			1890:05	509:55	432:20							
204-012-102-5	Main Rotor Hub Inboard Strap Fittings	A1-32525	Life Limit/Overhaul	2400	1200			767:40			1890:05	509:55	432:20							
204-012-103-1	Main Rotor Hub Outboard Strap Fittings	A-3551	Life Limit/Overhaul	2400	1200			767:40			927:50	1472:10	432:20							
204-012-103-1	Main Rotor Hub Outboard Strap Fittings	A-10201	Life Limit/Overhaul	2400	1200			767:40			772:15	1627:45	432:20							
204-012-104-5	Strap Pin	DIFS7006	Life Limit/Overhaul	2400	1200			767:40			1179:50	1220:10	432:20							
204-012-104-5	Strap Pin	DIFS7689	Life Limit/Overhaul	2400	1200			767:40			1179:50	1220:10	432:20							
204-012-104-5	Strap Pin	DIFS7756	Life Limit/Overhaul	2400	1200			767:40			1179:50	1220:10	432:20							
204-012-104-5	Strap Pin	DIFS16373	Life Limit/Overhaul	2400	1200			767:40			772:15	1627:45	432:20							
<b>Scissors / Sleeve Assy</b>																				
204-011-401-11	Scissors / Sleeve Assy	MD19-5058	Overhaul	1200				767:40			6512:50	-	432:20							
204-011-407-1	Swashplate Drive Link	283	Overhaul	1200				767:40			6512:50	-	432:20							
204-011-407-1	Swashplate Drive Link	MD19-0871	Overhaul	1200				767:40			6512:50	-	432:20							
<b>Scissors</b>																				
204-011-406-13	Scissors	HDFS209	Life Limit/Overhaul	3600	1200			767:40			767:40	2832:20	432:20							
204-011-406-13	Scissors	HDFS58	Life Limit/Overhaul	3600	1200			464:50			1511:40	2088:20	735:10							
<b>Swashplate Assy</b>																				
204-011-400-11	Swashplate Assy	J19-4371	Overhaul	1200				467:40			3487:20	-	732:20							
204-011-404-5	Swashplate Support	REFS 20609	Life Limit/Overhaul	3600	1200			467:40			467:40	3132:20	732:20							
204-011-403-1	Swashplate Outer Ring	15470B16	Life Limit/Overhaul	9000	1200			467:40			3487:20	5512:40	732:20							

<b>Collective Lever Assy</b>														
212-010-403-5	Collective Lever	EA9659	Life Limit	4800		4440:30	4440:30	359:30	-					
212-010-403-5	Collective Lever	EA9735	Life Limit	4800		3872:20	3872:20	927:40	-					
<b>Main Rotor Mast Assy</b>														
204-040-366-17	Main Rotor Mast Assy	A12-192	Overhaul	1500		171:40	4498:45	-	1328:20					
204-011-450-105X	Rotor Mast	DNFS10	Life Limit/Overhaul	13250:00	1500	171:40	1184:50	12065:10	1328:20					
212-040-136-1	Mast Bearing	ZV12188	Life Limit/Overhaul	1500	1500	776:25	776:25	723:35	723:35					
<b>Tail Rotor Blades</b>														
204-011-702-123	Tail Rotor Blade	A-26970	Life Limit/Overhaul	1200	1200	767:40	767:40	432:20	432:20					
204-011-702-123	Tail Rotor Blade	A-27182	Life Limit/Overhaul	1200	1200	767:40	767:40	432:20	432:20					
<b>Tail Rotor Hub Assy</b>														
204-011-801-121	Tail Rotor Hub Assy	AFS-2715	Overhaul			2327:30	2327:30	-	-					
204-011-722-5	Tail Rotor Yoke	A-FS4672	Life Limit/Overhaul	1500	1500	516:35	516:35	983:25	983:25					
205-011-711-101	Tail Rotor Blade Grip	A-FS11984	Life Limit/Overhaul	1800	1800	593:35	593:35	1206:25	1206:25					
205-011-711-101	Tail Rotor Blade Grip	A-FS11959	Life Limit/Overhaul	1800	1800	593:35	593:35	1206:25	1206:25					
<b>Main Gear Box</b>														
205-040-001-31	Main Gear Box	B12-1827	Overhaul	1800		945:45	6845:50	-	854:15					
205-040-263-3	XMSN Input	A12-06518	Overhaul	1800		945:45	4231:25	-	854:15					
204-040-207-13	Tail Rotor Output Drive Shaft	B12-49051	Overhaul	1800		945:45	6291:55	-	854:15					
205-040-200-1	Generator Output Drive Shaft	B12-2043	Overhaul	1800		945:45	6845:50	-	854:15					
204-040-367-1	Hydraulic Output Drive Shaft	B12-3642	Overhaul	1800		945:45	5282:25	-	854:15					
GC1669	XMSN Oil Pump	BH7509	Overhaul	1800		1080:50	1080:50	-	719:10					
J-8085-8	Hanger Bearing No.1	N/A	Life Limit/Overhaul	1200	1200	467:40	467:40	732:20	732:20					
J-8085-8	Hanger Bearing No.2	N/A	Life Limit/Overhaul	1200	1200	467:40	467:40	732:20	732:20					
J-8085-8	Hanger Bearing No.3	N/A	Life Limit/Overhaul	1200	1200	467:40	467:40	732:20	732:20					
J-8085-8	Hanger Bearing No.4	N/A	Life Limit/Overhaul	1200	1200	467:40	467:40	732:20	732:20					
204-031-920-3	Pylon Damper	MO-194	Overhaul	1200		767:40	9767:40	-	432:20					
204-031-920-3	Pylon Damper	MO-042	Overhaul	1200		467:40	9656:20	-	732:20					
J-8085-6	Hanger Bearing No.5	8125081002	Life Limit/Overhaul	1200	1200	171:40	171:40	1028:20	1028:20					
<b>Rotor Brake Quill Assy</b>														
205-040-300-1	Rotor Brake Quill Assy	525	Overhaul	1800		945:45	4610:20	-	854:15					
204-040-424-105	Bearing	MB2183	Life Limit/Overhaul	600	600	467:40	467:40	132:20	132:20					
<b>Main Drive Shaft</b>														
SKCP2281-103	Main Drive Shaft	2884	On Condition			5857:40	5857:40	-	-					
<b>42°-Gear Box</b>														
204-040-003-37	42°-Gear Box	BBB-823	Overhaul	1800		171:40	6417:30	-	1628:20					
<b>90°-Gear Box</b>														
204-040-012-13	90°-Gear Box	B13-7276	Overhaul	1800		1366:05	8070:15	-	433:55					
204-001-739-105	Tail Rotor Control Chain	EPT-304	Life Limit/Overhaul	1200	1200	171:40	171:40	1028:20	1028:20					
<b>Engine</b>														
1-000-060-22	Engine T53 L13B	7155	Overhaul	2400		2118:45	12754	7043:45	12754	-	281:15	-		
1-030-350-12	Reduction Gear Box Assy	566	Overhaul	2400		1367:50		1367:50		-	1032:10	-		
1-180-150-01	Inlet Guide Vanes Actuator Assy	875	Overhaul	2400		1072:15		1297:15		-	1327:45	-		
1-100-495-07	Front Compressor Shaft	5L156	Life Limit/Overhaul	25000:00	2400	2118:35	9034	5352:40	9034	19647:20	281:25	25000	25000	15966
1-101-250-03	Rotor Subassembly	M261518	Life Limit/Overhaul	25000:00	2400	2118:35	9745	5542:00	9745	19458:00	281:25	16500	16500	6755
1-100-501-01	Rear Compressor Shaft	6C151	Life Limit/Overhaul	25000:00	2400	2118:35	17303	7043:45	17303	17956:15	281:25	25000	25000	7697
1-100-078-07	Impeller Centrifugal Component	M267478X	Life Limit/Overhaul	25000:00	2400	2118:35	9034	5352:40	9034	19647:20	281:25	14000	14000	4966
1-170-050-12	Bleed Band Actuator	335	Overhaul	2400		29:15		5554:10		-	2370:45	-	-	-
1-130-780-01	Combustion Chamber Case	G2384	Overhaul	2400		2118:35		2118:35		-	281:25	-	-	-
1-101-530-01	1st Stage Gas Producer Disc	SC7917	Life Limit/Overhaul	4300	2400	1067:30	1333	1067:30	1333	3232:30	1332:30		3300	1967
1-100-135-03	1st Stage Gas Producer Seal	411242	Life Limit/Overhaul	25000:00	2400	1067:30	1333	1067:30	1333	23932:30	1332:30	6900	6900	5567
1-100-820-06	2nd Stage Gas Producer Disc	880	Life Limit/Overhaul	10100:00	2400	1526:45		1526:45		8573:15	873:15	-	-	-
1-190-010-02	1st Stage Power Turbine Disc	31365104456	Life Limit/Overhaul	6000	2400	881:25		881:25		5118:35	1518:35	-	-	-
1-140-550-07	2nd Stage Power Turbine Disc	HA901	Life Limit/Overhaul	25000:00	2400	1067:30	1333	1067:30	1333	23932:30	1332:30	8000	8000	6667
1-100-800-04	Power Shaft	619	Life Limit/Overhaul	25000:00	2400	2118:35	14197	7638:35	14197	17361:25	281:25	25000	25000	10803
1-100-294-03	Gas Producer Spacer	1365103815	Life Limit/Overhaul	7000	2400	1067:30		1067:30		5932:30	1332:30	-	-	-
1-140-169-03	Power Turbine Spacer	5149	Life Limit/Overhaul	10000:00	2400	2118:35		2886:45		7113:15	281:25	-	-	-
02899897	N1 Gearbox Assy	5072	Overhaul	2400		2118:35		7515:15		-	281:25	-	-	-
1-160-500-04	N2 Gearbox Assy	298	Overhaul	2400		2118:35		2118:35		-	281:25	-	-	-
1-180-190-03	Main Fuel Distribution	142-0814	Overhaul	2400		2118:35		3952:35		-	281:25	-	-	-
1-130-730-02	Main Fuel Distribution Segment	368-2	Overhaul	1200		1067:30		2118:35		-	132:30	-	-	-
1-130-730-02	Main Fuel Distribution Segment	411/1	Overhaul	1200		1067:30		2118:35		-	132:30	-	-	-
300991101	Fuel Control Unit	682AS5361	Overhaul	2000		1030:40		4565:35		-	969:20	-	-	-
103100-A1	Overspeed Governor	692AM14823	Overhaul	2000		708:45		4055:15		-	1291:15	-	-	-
344991304	Bearing	N/A	Life Limit	600		467:30		467:30		132:30	-	-	-	-
26330053	Anti Ice Control Valve	8070297	Overhaul	2400		2118:35		2118:35		-	281:25	-	-	-
RG17350GF	Engine Oil Pump	C-5945	Overhaul	1800		1067:30		3529:00		-	732:30	-	-	-
SP1980	Oil Filter Assy	9722	Overhaul	2400		2118:35		2118:35		-	281:25	-	-	-
<b>Misc</b>														
30E20-93B	Main Generator	8-622	Overhaul	600		171:40		939:30		-	428:20	-	-	-
30E20-93B	Starter Generator	N8-274	Overhaul	600		29:15		608:35		-	570:45	-	-	-
57049	Hydraulic Pump	AH-80482	Overhaul	1500		1067:40		1067:40		-	432:20	-	-	-

Seat Belts			Months	Months	Months	Months			
AFG012869	Shoulder Harness Crew	32632RP	Life Limit	180	30.10.2007	Expired !	-	30.10.2022	
AFG0196555	Lap Belt Crew	32840RP	Life Limit	180	30.10.2007	Expired !	-	30.10.2022	
AFG012869	Shoulder Harness Crew	32626RP	Life Limit	180	30.10.2007	Expired !	-	30.10.2022	
AFG0196555	Lap Belt Crew	33246RP	Life Limit	180	30.05.2012	48	-	31.05.2027	
AFG0694125	Belt Tensioning Drum	27127	Overhaul		19.03.2018	-	34	19.03.2026	
AFG0694125	Belt Tensioning Drum	27222	Overhaul		16.09.2020	-	64	17.09.2028	
AFG012894	Shoulder Harness Crew Chief	35612RP	Life Limit	180	30.10.2017	113	-	30.10.2032	
AFG0199067	Lap Belt Crew Chief	31471RP	Life Limit	180	30.04.2006	Expired !	-	30.04.2021	
AFG0452282	Belt Tensioning Drum	4509	Overhaul		31.08.2017	-	27	01.09.2025	
AFG0687303	Troop Seat Belt	17536	Life Limit	180	30.10.2009	17	-	30.10.2024	
AFG0687303	Troop Seat Belt	17537	Life Limit	180	30.10.2009	17	-	30.10.2024	
AFG0687303	Troop Seat Belt	17538	Life Limit	180	30.10.2009	17	-	30.10.2024	
AFG0687303	Troop Seat Belt	17547	Life Limit	180	30.10.2009	17	-	30.10.2024	
AFG0687303	Troop Seat Belt	22377	Life Limit	180	30.10.2011	41	-	30.10.2026	
AFG012908	Troop Seat Belt	33706RP	Life Limit	180	30.12.2013	67	-	30.12.2028	
AFG012908	Troop Seat Belt	31769RP	Life Limit	180	30.09.2006	Expired !	-	30.09.2021	
AFG0199067	Troop Seat Belt	31451RP	Life Limit	180	30.04.2006	Expired !	-	30.04.2021	
AFG012908	Troop Seat Belt	31780RP	Life Limit	180	30.09.2006	Expired !	-	30.09.2021	
AFG012908	Troop Seat Belt	31788RP	Life Limit	180	30.09.2006	Expired !	-	30.09.2021	
AFG0199067	Troop Seat Belt	31452RP	Life Limit	180	30.04.2006	Expired !	-	30.04.2021	
AFG0199067	Troop Seat Belt	31470RP	Life Limit	180	30.04.2006	Expired !	-	30.04.2021	
AFG0199067	Troop Seat Belt	31478RP	Life Limit	180	30.04.2006	Expired !	-	30.04.2021	
<b>Misc</b>									
42201-10000	Fire Extinguisher	40555	Overhaul			-	-	-	
33490409202	Battery	2757	Overhaul	120	02.02.2021	-	Expired !	03.08.2021	
FCE 80254	Fuel Cell	A41849	Life Limit	240	29.06.2010	85	-	29.06.2030	
FCE 80255	Fuel Cell	A41819	Life Limit	240	20.07.2010	86	-	20.07.2030	
FCE 80256	Fuel Cell	A40783	Life Limit	240	30.11.2008	66	-	30.11.2028	
FCE 80266	Fuel Cell	A44783	Life Limit	240	31.05.2015	144	-	31.05.2035	
FCE 80267	Fuel Cell	A44795	Life Limit	240	30.06.2015	145	-	30.06.2035	