

# INSPECTION REQUIREMENTS

HELICOPTER MODELL: **UH-1D**

s/n.: **8213**

t.t.: **9443:45**

Erstzulassung **17.11.1969**

situation of the: **23.05.2023**

ENGINE MODELL: **T53 L13B**

marks: **71+53**

Engine # 1 s/n.: **7333**

t.t.: **6629:45**

cycles: **9.806**

## 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	BBBJ-0033	On Condition								11548:20	-	-							
205-030-856-157S	Elevator Assembly	A-597	Life Limit	3300				126:25			126:25	3173:35	-		12617:20					
205-030-856-159S	Elevator Assembly	A-609	Life Limit	3300				726:25			726:25	2573:35	-		12017:20					
204-040-600-11	Hangar Assy	A20-48776	On Condition					-			6347:15	-	-							
204-040-623-111	Bearing	ZS24297	Life Limit/Overhaul	1200	1200			1024:30			1024:30	175:30	175:30		9619:15					
204-040-600-11	Hangar Assy	A20-49169	On Condition					-			6641:15	-	-							
204-040-623-111	Bearing	ZS24197	Life Limit/Overhaul	1200	1200			1024:30			1024:30	175:30	175:30		9619:15					
204-040-600-11	Hangar Assy	A20-49603	On Condition					-			6347:15	-	-							
204-040-623-111	Bearing	ZS24287	Life Limit/Overhaul	1200	1200			1024:30			1024:30	175:30	175:30		9619:15					
204-040-600-11	Hangar Assy	A20-HT2298	On Condition					-			4933:50	-	-							
204-040-623-111	Bearing	ZS24269	Life Limit/Overhaul	1200	1200			1024:30			1024:30	175:30	175:30		9619:15					
<b>Tail Rotor Actuator</b>																				
1660-23	Tail Rotor Actuator	2509	On Condition					4559:35			4559:35	-	-							
<b>Hydraulic Servos</b>																				
32850-2UC	Hydraulic Servo	F0203	Overhaul		300			126:25			5045:00	-	173:35							
32850-1UC	Hydraulic Servo	F0182	Overhaul		300			126:25			6612:30	-	173:35							
32850-1UC	Hydraulic Servo	F1135	Overhaul		300			126:25			6396:25	-	173:35							
<b>Stabilizer</b>																				
204-011-326-7	Stabilizer Bar	Q19-4920	Overhaul		1200			1024:30			5359:55	-	175:30							
204-011-307-105	Stabilizer Bar Centerframe	REFS-379	Life Limit/Overhaul	3600	1200			1024:30			1741:40	1858:20	175:30		11302:05					
204-011-307-105	Stabilizer Bar Centerframe	REFS-408	Life Limit/Overhaul	3600	1200			1024:30			1741:40	1858:20	175:30		11302:05					
204-011-301-1	Mixing Lever	745	Overhaul		1200			1024:30			4609:50	-	175:30							
204-011-301-1	Mixing Lever	RE-0757	Overhaul		1200			1024:30			6152:05	-	175:30							
204-011-328-11	Stabilizer Bar Tube	FL-2696K	Life Limit/Overhaul	5000	1200			1024:30			4471:40	528:20	175:30		9972:05					
204-011-328-11	Stabilizer Bar Tube	SS-09921K	Life Limit/Overhaul	5000	1200			1024:30			4471:40	528:20	175:30		9972:05					
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-1006BV	Life Limit/Overhaul	10000:00	10000:00			1416:50			1416:50	8583:10	8583:10		18026:55					
205-015-150-101	Main Rotor Blade	D-FS-1309VB	Life Limit/Overhaul	10000:00	10000:00			1575:30			1575:30	8424:30	8424:30		17868:15					
<b>Main Rotor Head</b>																				
204-012-101-5139	Main Rotor Head	ABG-8891	Overhaul		1200			126:25			5700:05	-	1073:35							
204-011-102-17	Main Rotor Yoke	A-FS1507	Life Limit/Overhaul	5000	1200			126:25			126:25	4873:35	1073:35		14317:20					
204-011-121-113	Main Rotor Blade Grip	J1-1-22077	Overhaul		1200			126:25			3887:35	-	1073:35							
204-011-121-113	Main Rotor Blade Grip	J1-1-21354	Overhaul		1200			126:25			4477:45	-	1073:35							
204-011-140-1	Drag Brace	MO-621	Life Limit/Overhaul	2400	1200			419:30			1378:45	1021:15	780:30		10465:00					
204-011-140-1	Drag Brace	MO-503	Life Limit/Overhaul	2400	1200			425:05			1420:35	979:25	774:55		10423:10					
204-011-120-5	Pitch Horn	A2-03002	Life Limit/Overhaul	3600	1200			126:25			2708:45	891:15	1073:35		10335:00					
204-011-120-5	Pitch Horn	A2-03004	Life Limit/Overhaul	3600	1200			126:25			2708:45	891:15	1073:35		10335:00					
204-310-101-101	TT Straps	34210	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-310-101-101	TT Straps	34437	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-011-105-1	Main Rotor Trunnion	MO-255	Life Limit/Overhaul	12000:00	1200			126:25			4427:35	7572:25	1073:35		17016:10					
204-012-102-009	Main Rotor Hub Inboard Strap Fittings	A-5691	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-102-009	Main Rotor Hub Inboard Strap Fittings	A-5653	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-103-1	Main Rotor Hub Outboard Strap Fittings	A-9223	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-103-1	Main Rotor Hub Outboard Strap Fittings	A-9330	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-104-5	Strap Pin	DIFS8889	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-104-5	Strap Pin	DIFS8888	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-104-5	Strap Pin	DIFS8778	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
204-012-104-5	Strap Pin	DIFS8687	Life Limit/Overhaul	2400	1200			126:25			1622:55	777:05	1073:35		10220:50					
<b>Scissors / Sleeve Assy</b>																				
204-011-401-9	Scissors / Sleeve Assy	MD19-6302	Overhaul		1200			726:25			5339:25	-	473:35							
204-011-407-1	Swashplate Drive Link	158	Overhaul		1200			726:25			5339:25	-	473:35							
204-011-407-1	Swashplate Drive Link	674	Overhaul		1200			726:25			5339:25	-	473:35							
<b>Scissors</b>																				
204-011-406-13	Scissors	EAFS1994	Life Limit/Overhaul	3600	1200			726:25			2033:35	1566:25	473:35		11010:10					
204-011-406-13	Scissors	EAFS2037	Life Limit/Overhaul	3600	1200			726:25			1866:35	1733:25	473:35		11177:10					
<b>Swashplate Assy</b>																				
204-011-400-11	Swashplate Assy	MD19-3849	Overhaul		1200			426:25			7351:25	-	773:35							
204-011-404-5	Swashplate Support	3311C8	Life Limit/Overhaul	3600	1200			426:25			1613:35	1986:25	773:35		11430:10					
204-011-403-1	Swashplate Outer Ring	13950C12	Life Limit/Overhaul	9000	1200			426:25			7351:25	1648:35	773:35		11092:20					

Collective Lever Assy										
212-010-403-5	Collective Lever	EA9937	Life Limit	4800		3509:30	3509:30	1290:30	-	10734:15
212-010-403-5	Collective Lever	EA10069	Life Limit	4800		3509:30	3509:30	1290:30	-	10734:15
Main Rotor Mast Assy										
204-040-366-17	Main Rotor Mast Assy	H9-7941	Overhaul	1500		1026:10	7623:30	-	473:50	-
204-011-450-105X	Rotor Mast	NFS-52388	Life Limit/Overhaul	13250:00	1500	1026:10	3348:40	9901:20	473:50	19345:05
212-040-136-1	Mast Bearing	ZV12354	Life Limit/Overhaul	1500	1500	1026:10	1026:10	473:50	473:50	9917:35
Tail Rotor Blades										
204-011-702-123	Tail Rotor Blade	A-26908	Life Limit/Overhaul	1200	1200	726:25	726:25	473:35	473:35	9917:20
204-011-702-123	Tail Rotor Blade	A-27160	Life Limit/Overhaul	1200	1200	726:25	726:25	473:35	473:35	9917:20
Tail Rotor Hub Assy										
204-011-801-121	Tail Rotor Hub Assy	AFS-2276				2739:25	2739:25	-	-	-
204-011-722-5	Tail Rotor Yoke	A-FS4730	Life Limit	1500		126:25	715:35	784:25	-	10228:10
205-011-711-101	Tail Rotor Blade Grip	A-FS12076	Life Limit	1800		126:25	1007:15	792:45	-	10236:30
205-011-711-101	Tail Rotor Blade Grip	A-FS12020	Life Limit	1800		126:25	1007:15	792:45	-	10236:30
Main Gear Box										
205-040-001-31	Main Gear Box	ABT-167	Overhaul	1800		126:25	6122:30	-	1673:35	-
205-040-263-3	XMSN Input	A12-4837	Overhaul	1800		126:25	6181:20	-	1673:35	-
204-040-207-13	Tail Rotor Output Drive Shaft	B12-34318	Overhaul	1800		126:25	5621:40	-	1673:35	-
205-040-200-1	Generator Output Drive Shaft	B12-2646	Overhaul	1800		126:25	4983:00	-	1673:35	-
204-040-367-1	Hydraulic Output Drive Shaft	A12-5043	Overhaul	1800		126:25	2732:05	-	1673:35	-
GC1669	XMSN Oil Pump	BH7713	Overhaul	1800		126:25	6122:30	-	1673:35	-
J-8085-8	Hanger Bearing No.1	6714100501	Life Limit/Overhaul	1200	1200	1024:30	1024:30	175:30	175:30	9619:15
J-8085-8	Hanger Bearing No.2	6714100502	Life Limit/Overhaul	1200	1200	1024:30	1024:30	175:30	175:30	9619:15
J-8085-8	Hanger Bearing No.3	6714100503	Life Limit/Overhaul	1200	1200	1024:30	1024:30	175:30	175:30	9619:15
J-8085-8	Hanger Bearing No.4	6714100504	Life Limit/Overhaul	1200	1200	1024:30	1024:30	175:30	175:30	9619:15
204-031-920-3	Pylon Damper	MO-951	Overhaul	1200		726:25	1789:35	-	473:35	-
204-031-920-3	Pylon Damper	MO-956	Overhaul	1200		726:25	1789:35	-	473:35	-
J-8085-6	Hanger Bearing No.5	8330041401	Life Limit/Overhaul	1200	1200	726:25	726:25	473:35	473:35	9917:20
Rotor Brake Quill Assy										
205-040-300-1	Rotor Brake Quill Assy	0205	Overhaul	1800		126:25	5165:40	-	1673:35	-
204-040-424-105	Bearing	MB3083	Life Limit/Overhaul	600	600	126:25	126:25	473:35	473:35	9917:20
Main Drive Shaft										
SKCP2281-103	Main Drive Shaft	2308	On Condition			5390:10	5390:10	-	-	-
42°-Gear Box										
204-040-003-37	42°-Gear Box	BBB-643	Overhaul	1800		126:25	6350:05	-	1673:35	-
90°-Gear Box										
204-040-012-13	90°-Gear Box	B13-7642	Overhaul	1800		423:20	5562:30	-	1376:40	-
204-001-739-105	Tail Rotor Control Chain	EPT-362	Life Limit/Overhaul	1200	1200	126:25	126:25	1073:35	1073:35	10517:20
Engine										
1-000-060-22	Engine T53 L13B	7333	Overhaul	2400		1872:25	9806	6629:45	9806	-
1-030-350-12	Reduction Gear Box Assy	561	Overhaul	2400		1872:25	6567:15	-	527:35	-
1-180-150-01	Inlet Guide Vanes Actuator Assy	641	Overhaul	2400		1872:25	2109:45	-	527:35	-
1-100-495-07	Front Compressor Shaft	6C043	Life Limit/Overhaul	25000:00	2400	1872:25	7197	5443:40	7197	19556:20
1-101-250-03	Rotor Subassembly	M270346	Life Limit/Overhaul	25000:00	2400	1872:25	7197	5443:40	7197	19556:20
1-100-501-01	Rear Compressor Shaft	5K160	Life Limit/Overhaul	25000:00	2400	1872:25	15104	6629:45	15104	18370:15
1-100-078-07	Impeller Centrifugal Component	M269967X	Life Limit/Overhaul	25000:00	2400	1872:25	7197	5443:40	7197	19556:20
1-170-050-12	Bleed Band Actuator	303	Overhaul	2400		1872:25	2109:45	-	527:35	-
1-130-780-01	Combustion Chamber Case	9M-047	Overhaul	2400		1957:25	3116:40	-	442:35	-
1-101-530-01	1st Stage Gas Producer Disc	2098	Overhaul	2400		268:30	2461	1664:50	2461	2131:30
1-100-135-03	1st Stage Gas Producer Seal	202	Life Limit/Overhaul	25000:00	2400	1872:25	4189	3237:55	4189	21762:05
1-101-360-04	2nd Stage Gas Producer Disc	031365104167	Overhaul	2400		268:30	617	505:20	617	2131:30
1-190-010-03	1st Stage Power Turbine Disc	031365107064	Overhaul	2400		835:30	1102	835:30	1102	1564:30
1-140-550-07	2nd Stage Power Turbine Disc	B089	Life Limit/Overhaul	25000:00	2400	835:30	1798	1457:15	1798	23542:45
1-100-800-04	Power Shaft	2823	Life Limit/Overhaul	25000:00	2400	268:30	11215	5306:40	11215	19693:20
1-100-294-03	Gas Producer Spacer	704	Overhaul	2400		1872:25	4502	3527:05	4502	527:35
1-140-169-03	Power Turbine Spacer	5115	Overhaul	2400		268:30	1712	1327:20	1712	2131:30
02899897	N1 Gearbox Assy	361	Overhaul	2400		1872:25	2940:55	-	527:35	-
1-160-500-04	N2 Gearbox Assy	912	Overhaul	2400		1872:25	6629:45	-	527:35	-
1-180-190-03	Main Fuel Distribution	142-0136	Overhaul	2400		716:20	1888:20	-	1683:40	-
1-130-730-02	Main Fuel Distribution Segment	168/1	Overhaul	1200		835:30	2735:40	-	364:30	-
1-130-730-02	Main Fuel Distribution Segment	259/2	Overhaul	1200		835:30	2072:30	-	364:30	-
300991101	Fuel Control Unit	692AS8540	Overhaul	2000		1158:35	5237:10	-	841:25	-
103100-A1	Overspeed Governor	02AM15452	Overhaul	2000		1788:50	3734:45	-	211:10	-
344991304	Bearing	KH13121001	Life Limit/Overhaul	600	600	268:30	268:30	331:30	331:30	9775:15
26330053	Anti Ice Control Valve	9052468	Overhaul	2400		1872:25	6629:45	-	527:35	-
RG17350GF	Engine Oil Pump	C5260	Overhaul	1800		1040:25	5884:35	-	759:35	-
SP1980	Oil Filter Assy	9294	Overhaul	2400		1872:25	1940:40	-	527:35	-
Misc										
30E20-93B	Main Generator	N8-787	Overhaul	600		426:25	426:25	-	173:35	-
30E20-93B	Starter Generator	R8-366	Overhaul	600		119:25	119:25	-	480:35	-
57049	Hydraulic Pump	AH-80285	Overhaul	1500		126:25	1600:15	-	1373:35	-

Seat Belts			Months	Months	Months	Months					
AFG012869	Shoulder Harness Crew	33479RP	Life Limit	180		27.02.2014	69	-		27.02.2029	
AFG0196555	Lap Belt Crew	33961RP	Life Limit	180		30.09.2013	64	-		30.09.2028	
AFG012869	Shoulder Harness Crew	31104RP	Life Limit	180		28.02.2006	Expired !	-		28.02.2021	
AFG0196555	Lap Belt Crew	33938RP	Life Limit	180		30.09.2013	64	-		30.09.2028	
AFG0694125	Belt Tensioning Drum	32392	Overhaul		96	30.12.2014	-	Expired !		30.12.2022	
AFG0694125	Belt Tensioning Drum	32383	Overhaul		96	30.12.2014	-	Expired !		31.12.2022	
AFG012894	Shoulder Harness Crew Chief	35607RP	Life Limit	180		30.10.2017	113	-		30.10.2032	
AFG0199067	Lap Belt Crew Chief	31503RP	Life Limit	180		30.06.2006	Expired !	-		30.06.2021	
AFG0452282	Belt Tensioning Drum	26678	Overhaul		96	06.10.2020	-	65		07.10.2028	
AFG0687303	Troop Seat Belt	28767	Life Limit	180		30.03.2015	82	-		30.03.2030	
AFG0687303	Troop Seat Belt	28830	Life Limit	180		30.03.2015	82	-		30.03.2030	
AFG0687303	Troop Seat Belt	28774	Life Limit	180		30.03.2015	82	-		30.03.2030	
AFG0687303	Troop Seat Belt	26155	Life Limit	180		01.05.2013	59	-		01.05.2028	
AFG0687303	Troop Seat Belt	27051	Life Limit	180		28.02.2014	69	-		28.02.2029	
AFG0199067	Troop Seat Belt	35373RP	Life Limit	180		30.03.2017	106	-		30.03.2032	
AFG012908	Troop Seat Belt	31758RP	Life Limit	180		30.09.2006	Expired !	-		30.09.2021	
AFG012908	Troop Seat Belt	31761RP	Life Limit	180		30.09.2006	Expired !	-		30.09.2021	
AFG0199067	Troop Seat Belt	31514RP	Life Limit	180		30.04.2006	Expired !	-		30.04.2021	
AFG012908	Troop Seat Belt	31789RP	Life Limit	180		30.09.2006	Expired !	-		30.09.2021	
AFG012908	Troop Seat Belt	31774RP	Life Limit	180		30.09.2006	Expired !	-		30.09.2021	
AFG0199067	Troop Seat Belt	35372RP	Life Limit	180		30.03.2017	106	-		30.03.2032	
AFG0199067	Troop Seat Belt	35371RP	Life Limit	180		30.03.2017	106	-		30.03.2032	
<b>Misc</b>											
42201-10000	Fire Extinguisher	014924	Overhaul		120	02.12.2019	-	78	-	01.12.2029	
33490409202	Battery	096904	Overhaul		6	22.09.2020	-	Expired !		23.03.2021	
FCE 80254	Fuel Cell	A40317	Life Limit	240		30.09.2009	76	-		30.09.2029	
FCE 80255	Fuel Cell	A44720	Life Limit	240		30.03.2015	142	-		30.03.2035	
FCE 80256	Fuel Cell	A41258	Life Limit	240		30.04.2009	71	-		30.04.2029	
FCE 80266	Fuel Cell	A46491	Life Limit	240		30.07.2016	158	-		30.07.2036	
FCE 80267	Fuel Cell	A46488	Life Limit	240		30.06.2016	157	-		30.06.2036	