

R66 2000-Hour Maintenance and Inspection Kit

The parts and components included in this kit are for the R66 2000-Hour Maintenance and Inspection of a normally-equipped R66 Turbine helicopter. Owners of R66 helicopters with optional or additional equipment may require additional parts for their aircraft. Refer to R66 Maintenance Manual § 4-10 Airworthiness Limitations.

NOTE

A core deposit is required for overhaul exchange components. Overhaul exchange components are indicated by letter "R" at end of part number.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	A120-5	Bellcrank - Aft (tail rotor control)	1
2	A215-015	O-Ring	2
3	A522-10	Control Cable (FCU fuel cutoff)	1
4	A522-11	Control Cable (fuel valve)	1
5	A522-14	Control Cable (heater valve)	1
6	A729-68	Tube	2
7	A785-37	Hose (inducer bleed)	1
8	A785-38	Hose (starter-generator)	1
9	A918-5	Elastic Cord (tail rotor controls)	1
10	A947-2	Plate Assembly (engine drive line)	2
11	B173-5	V-Belt (compressor drive - cabin air conditioning)	1
12	B277-12	Clamp	4
13	B345-4	Pitch Link - Tail Rotor	2
14	C005-4	Main Rotor Hub Assembly	1
15	C005-13R	Main Rotor Blade and Spindle Assembly (set)	1
16	C008-10	Tail Rotor Assembly	1
17	C021-1R	Tail Rotor Gearbox	1
18	C023	Tailcone Assembly (C023-21, -34, or -35)	1
19	C031-1	Tail Rotor Pitch Control	1
20	C044-1	Horizontal Stabilizer	1
21	C119-2	Bumper - Tail Rotor (teeter)	1
22	C152-1	Washer - Thrust (main rotor)	6
23	C189-14	Nut - Hinge (main rotor)	3
24	C522-10	Control Cable (FCU throttle)	1
25	C522-11	Control Cable (PTG)	1
26	C649-4R	Oil Cooler (main gearbox oil)	1
27	C947-3	Plate Assembly (tail rotor drive line)	3
28	D079-1	Tail Rotor Guard	1
29	D082-1	Tube Assembly (tail rotor guard mounting)	1
30	D224-4	Tail Rotor Drive Shaft Assembly	1
31	D918-1	Elastic Cord (cyclic pivot, longitudinal)	1
32	D918-2	Elastic Cord (cyclic pivot, lateral)	1

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
33	D918-3	Elastic Cord (collective)	1
34	D930-2	Spring - Safety (throttle)	1
35	F001-11R	Main Rotor Gearbox Sub-Assembly Includes: [1] C017-6R Main Rotor Swashplate [1] D211-3R Hydraulic Reservoir [2] D212-5R Hydraulic Servo [1] D212-6R Hydraulic Servo [1] D500-2R Hydraulic Pump Assembly [1] D500-3R Main Rotor Gearbox Oil Pump Assembly [1] F006-1R Main Rotor Gearbox Assembly [1] G201-1 Frame - Servo Support	1
36	F018-1R	Clutch Assembly	1
37	F020-1	Upper Frame	1
38	F170-2	Fitting - Accessory gearbox vent	1
39	F173-1	Strut (exhaust weldment supports)	3
40	F235-13	Strut, Upper Frame	2
41	F252-1	Strut, Upper Frame	1
42	F579-1	Seal - Firewall	1
43	F642-7	Engine Shaft Weldment	1
44	F649-1R	Oil Cooler (engine oil)	1
45	F651-2	Element - MRGB Filter	1
46	F651-3	Seal Kit - MRGB Filter	1
47	F771-1	Filter - Intake	1
48	F792-1	Dual Tachometer	1
49	G727-1	Tube - Engine Breather	1
50	G732-3	Cap - Engine Clutch	1
51	R5388	Tailcone Crate	1
52	R6722	Main Rotor Blade Crate	1
53	R7982	Main Rotor Gearbox Crate	1
54	R8481	Core Deposits - R66 2000-Hour Maintenance Kit	1
55	MS21919WCH12	Clamp	1
56	MS24665-423	Cotter Pin (main rotor hub bolts)	3
57	MS28778-4	Packing (engine oil cooler fittings)	2
58	MS28778-8	Packing (engine oil cooler unions)	2
59	MS29512-10	Packing	1
60	NAS557-32A	Grommet - Firewall (engine drive shaft weldment)	1
61	NAS617-12	Packing	1
62	NAS634-105	Bolt (main rotor hub)	3
63	NAS6604-67	Bolt (clutch assembly)	1