

KI-6601 R66-series Minimum Spare Parts Kit Instructions

The parts included in this kit are minimum spare parts required for Robinson Helicopter Company-authorized Service Centers of R66 helicopters.

NOTE

Visit www.robinsonheli.com to verify kit instructions are current revision. Verify kit contents match list; contact RHC Customer Service if parts are missing or damaged.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-6601 Instr.	Kit Instructions	1
2	A115-1	Spacer	4
3	A130-48	Spacer	4
4	A139-1	Journal – Bearing	4
5	A214-3	Washer	4
6	A215-017	O-Ring	5
7	A215-020	O-Ring	10
8	A215-133	O-Ring	2
9	A215-140	O-Ring	2
10	A255-1	Counter Weight – Swashplate	4
11	A255-2	Counter Weight – Swashplate	6
12	A257-15	Hydraulic Fluid (1-qt)	2
13	A257-22QT	Gear Oil, Synthetic (1-qt)	4
14	A257-23	Turbine Oil, HTS (MIL-PRF-23699; 1-qt)	12
15	A257-4	Oil – ATF (1-qt)	4
16	A462-4	Fitting	2
17	A522-10	Control Cable – Fuel Shutoff	1
18	A522-11	Control Cable – Fuel Valve	1
19	A558-2	Cover	6
20	A667-7	Skid Shoe Weldment – Straight	2
21	A688-1	Switch – Overtemp (main rotor gearbox)	2
22	A950-1	Guard Assembly	2
23	A950-3	Guard Assembly (attachable)	2
24	A966-3	Seal	2
25	B196-21	Lamp, Clear (28V; General Electric p/n 327)	2
26	B330-13	Palnut	40
27	B330-16	Palnut	40
28	B330-19	Palnut	40
29	B345-4	Pitch Link – Tail Rotor	6

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
30	B426-3	Switch (main rotor gearbox)	2
31	B427-1	Ring – Cotter	20
32	C105-6	Journal – Bearing	4
33	C106-5	Journal – Bearing (main rotor hub)	2
34	C106-7	Journal – Bearing (main rotor hub)	4
35	C115-1	Spacer	16
36	C117-8	Shim	8
37	C117-9	Shim	8
38	C117-10	Shim	8
39	C117-11	Shim	8
40	C117-34	Shim	10
41	C117-35	Shim	10
42	C117-36	Shim	10
43	C117-67	Shim	6
44	C117-68	Shim	6
45	C117-69	Shim	6
46	C141-1	Washer	2
47	C141-19	Washer	4
48	C150-1	Droop Stop	2
49	C152-1	Thrust Washer – Main Rotor Hinge	2
50	C156-2	Boot – Pitch Bearing	4
51	C189-14	Nut – Double-Lock	6
52	C197-1	Shim	3
53	C197-2	Shim	3
54	C197-3	Shim	3
55	C197-4	Shim	3
56	C197-5	Shim	3
57	C197-6	Shim	3
58	C204-3	Arm – Upper	1
59	C247-1	Rain Cap – Skid	2
60	C247-3	Rain Cap – Strut	2
61	C480-1	Boot	2
62	C522-10	Control Cable – Throttle	1
63	C522-11	Control Cable – Power Turbine Governor	1
64	C648-1	Bearing – Journal	2
65	C648-2	Bearing – Journal	4
66	C648-3	Bearing – Journal	2
67	C966-2	Seal – Oil (tail rotor gearbox)	2

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
68	C966-8	Seal – Oil	1
69	D173-1	Rod End	5
70	D173-3	Rod End	4
71	D173-4	Rod End	2
72	D210-08	Nut	5
73	D210-3	Nut	20
74	D210-4	Nut	20
75	D210-5	Nut	20
76	D454-3	Retainer	3
77	D454-4	Retainer	3
78	D454-6	Retainer	3
79	F110-2	Telatemp (temperature recorder, 140°–190°F)	5
80	F110-4	Telatemp (temperature recorder, 220°–270°F)	5
81	F300-1	Tip Cover – Main Rotor Blade	2
82	F334-2	Actuator Assembly	1
83	F411-9	Cap – Crosstube (fwd)	2
84	F550-1	Sender – Fuel Level	1
85	F651-2	Filter Element	3
86	F651-3	Seal Kit	3
87	F771-1	Filter Assembly – Air	6
88	F900WHITE	Torque Seal	6
89	MT936-6	Tube – Ground Handling Wheel	1
90	R8345	R66 Maintenance Manual (includes binder and tabs)	1
91	R8349	R66 Illustrated Parts Catalog (includes binder and tabs)	1
92	R8356	Class L Subscription (see “Subscriptions” under the Publications tab on website for contents)	1
93	R8460	Screw – Painted	6
94	R8645	R66 Hat – Black	1
95	R8664L	R66 T-Shirt – Gray (L)	1
96	D2VW-5-1MS	Switch	2
97	V3-1001	Switch	2
98	012C	O-Ring	4
99	AN6235-1A	Hydraulic Filter	4
100	AN970-4	Washer	8
101	AN970-5	Washer	6
102	MS20995C20	0.020 in. dia. Safety Wire	1
103	MS20995C32	0.032 in. dia. Safety Wire	1
104	MS24665-210	Cotter Pin	2

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
105	MS24665-355	Cotter Pin	10
106	MS24665-423	Cotter Pin	6
107	MS27039C0806	Screw	30
108	MS27039C0807	Screw	30
109	MS27039C0808	Screw	30
110	MS28775-011	Packing	6
111	MS28778-4	Packing – O-Ring	6
112	MS28778-5	Packing – O-Ring	6
113	MS28778-6	Packing – O-Ring	6
114	MS28778-14	Packing – O-Ring	6
115	MS3367-3-9	Ty-Rap	10
116	MS3367-6-0	Ty-Rap	10
117	MS3367-7-9	Ty-Rap	10
118	MS35769-8	Gasket	4
119	MS35769-9	Gasket	4
120	MS35769-11	Gasket	4
121	NAS1149D0563K	Washer	20
122	NAS1149D0632J	Washer	20
123	NAS1149D0663J	Washer	20
124	NAS1149F0332P	Washer	20
125	NAS1149F0363P	Washer	20
126	NAS1149F0432P	Washer	20
127	NAS1149F0463P	Washer	20
128	NAS1149F0532P	Washer	20
129	NAS1149F0563P	Washer	20
130	NAS1149F0632P	Washer	20
131	NAS1149F0663P	Washer	20
132	NAS1149FN816P	Washer	40
133	NAS1304-17	Bolt	2
134	NAS1352-5-12P	Screw – Socket Cap	4
135	NAS1352N08-8	Screw – Socket Cap	8
136	NAS620-8L	Washer	10
137	NAS634-105	Bolt	6
138	NAS6603-3	Bolt	4
139	NAS6604-3	Bolt	3
140	NAS6604-4	Bolt	3
141	NAS6604-7	Bolt	3
142	NAS6604-16	Bolt	3

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
143	NAS6604-18	Bolt	3
144	NAS6604-19	Bolt	3
145	NAS6604-20	Bolt	3
146	NAS6604-21	Bolt	3
147	NAS6604-22	Bolt	3
148	NAS6604-24	Bolt	3
149	NAS6604-31	Bolt	3
150	NAS6604-36	Bolt	3
151	NAS6605-5	Bolt	3
152	NAS6605-53	Bolt	2