

KI-2201 R22-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 R22-series 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-2201 Instr.	Kit Instructions	1
2	A101-4	Rod End	2
3	A105-17	Bearing – Journal (mast tube)	2
4	A106-1	Journal – Bearing (main rotor hub)	1
5	A106-2	Journal – Bearing (main rotor hub)	1
6	A106-3	Journal – Bearing (main rotor hub)	1
7	A106-4	Journal – Bearing (main rotor hub)	1
8	A106-5	Journal – Bearing (main rotor hub)	2
9	A106-6	Journal – Bearing (main rotor hub)	1
10	A106-7	Journal – Bearing (main rotor hub)	2
11	A115-1	Spacer	4
12	A117-5	Washer – Shim	2
13	A117-6	Washer – Shim	2
14	A117-7	Washer – Shim	2
15	A117-8	Washer – Shim	2
16	A117-45	Washer – Shim	2
17	A117-46	Washer – Shim	2
18	A117-47	Washer – Shim	2
19	A117-48	Washer – Shim	2
20	A117-49	Washer – Shim	2
21	A117-50	Washer – Shim	2
22	A117-51	Washer – Shim	2
23	A118-4	Shim	1
24	A118-5	Shim	1
25	A118-6	Shim	1
26	A127-4	Rod End	2
27	A130-1	Spacer	2
28	A139-1	Bearing – Journal	1
29	A141-24	Washer	4

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
30	A150-1	Droop Stop	2
31	A152-1	Thrust Washer – Main Rotor Hinge	2
32	A152-2	Thrust Washer – Main Rotor Hinge	4
33	A156-1	Boot – Pitch Bearing	2
34	A189-10	Nut – Double-Lock	3
35	A189-12	Nut – Double-Lock	2
36	A190-2	V-Belts (set)	1
37	A214-3	Washer	1
38	A215-017	O-Ring	4
39	A215-020	O-Ring	2
40	A247-1	Rain Cap	2
41	A247-3	Rain Cap	2
42	A255-1	Counter Weight – Swashplate	1
43	A255-2	Counter Weight – Swashplate	2
44	A257-2	Gear Oil (1 gallon)	2
45	A257-4	Oil – ATF (1-qt)	5
46	A258-1	Pitch Link Assy	2
47	A480-1	Boot – Swashplate	1
48	A522-12	Control Cable – Mixture	1
49	A558-1	Cover – Tailcone	2
50	A648-1	Bearing – Coning Hinge (main rotor hub)	2
51	A648-2	Bearing – Coning Hinge (main rotor hub)	4
52	A648-3	Bearing – Teeter Hinge (main rotor hub)	4
53	A667-5	Skid Shoe – Straight	2
54	A729-1	Tube	1
55	A729-31	Tube	1
56	A785-1	Hose – Air Duct	1
57	A950-1	Guard Assembly – Mixture Control	2
58	A966-1	Seal	2
59	B115-1	Bearing	6
60	B123-2	Engine Oil Filter	6
61	B155-2	Shim	6
62	B163-1	Rod End	6
63	B173-1	V-Belt – Alternator	1
64	B196-1	Lamp, Clear (14V; General Electric p/n 330)	2
65	B196-26	Lamp, Clear (13V; General Electric p/n Q4509)	4
66	B227-2	Switch Assembly – Intercom	2
67	B308-1	Sender – Oil Pressure	1

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
68	B330-13	Palnut	10
69	B345-3	Pitch Link – Tail Rotor	2
70	B350-2	Pin – Spring	20
71	B771-1	Air Filter – Reusable	6
72	C522-8	Control Cable – Carb Heat	1
73	F110-2	Telatemp (temperature recorder, 140°–190°F)	5
74	F110-4	Telatemp (temperature recorder, 220°–270°F)	5
75	F900White	Torque Seal	4
76	MT936-8	Tube – Ground Handling Wheel	1
77	R7043	R22 Illustrated Parts Catalog	1
78	R7044	R22 Maintenance Manual	1
79	R7048	Class C Subscription (see “Subscriptions” under the Publications tab on website for contents)	1
80	R7295	A689-6 Fuel Cap (painted white)	1
81	R8646	Robinson Hat – Navy	1
82	R8662L	R22 T-Shirt – White (L)	1
83	LW-12272**	Lockplate	3
84	M-674*	Gasket – Spark Plug (STD-295**)	32
85	REM38E*	Spark Plug (Tempest Aero p/n UREM38E)	16
86	STD-475**	Washer (5/16 Lock, Internal Teeth)	20
87	V3-1001	Switch	2
88	012C	O-Ring	4
89	06E19769-1.00**	Gasket (crush 1.00 inch inner dia.)	21
90	16-A36	Gasket	5
91	3080-38	Cylinder Head Temp Probe	1
92	34-0412070-63	Halogen Lamp (14V)	2
93	5-108	O-Ring	1
94	62224**	Gasket – Magneto Base	20
95	77611**	Gasket – Exhaust	6
96	AN3-41A	Bolt	2
97	MS20995C20	0.020 in. dia. Safety Wire	1
98	MS20995C32	0.032 in. dia. Safety Wire	1
99	MS20995C41	0.041 in. dia. Safety Wire	1
100	MS24665-151	Cotter Pin	20
101	MS24665-355	Cotter Pin	10
102	MS27039C0806	Screw	10
103	MS3367-3-9	Ty-Rap	10
104	MS3367-6-0	Ty-Rap	10

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
105	MS35769-8	Gasket	2
106	MS35769-9	Gasket	2
107	MS35769-11	Gasket	4
108	NAS1149D0432K	Washer	20
109	NAS1149D0463K	Washer	20
110	NAS1149F0332P	Washer	20
111	NAS1149F0363P	Washer	20
112	NAS1149F0432P	Washer	20
113	NAS1149F0463P	Washer	20
114	NAS1149FN816P	Washer	40
115	NAS1304-17	Bolt	2
116	NAS1304-17	Bolt	2
117	NAS630-80	Bolt	3
118	NAS632-82	Bolt	2
119	NAS6604-3	Bolt	3
120	NAS6604-4	Bolt	3
121	NAS6604-7	Bolt	3
122	NAS6604-16	Bolt	3
123	NAS6604-19	Bolt	3
124	NAS6604-21	Bolt	3
125	NAS6604-19	Bolt	3
126	NAS6604-21	Bolt	3
127	NAS6604-30	Bolt	3
128	NAS6604-38	Bolt	3
129	NAS6605-5	Bolt	3
130	NAS6606-42	Bolt	3

* Champion part number

** Lycoming part number