

KI-2202 R22-series 2200-Hour Inspection Kit Instructions
(Helicopter S/N 2570 and prior)

The parts and components included in this kit are for the R22 2200-Hour Inspection of a normally-equipped R22-series helicopter. Owners of R22 helicopters with optional or additional equipment may require additional parts for their aircraft. Refer to R22 Maintenance Manual § 3.300 Airworthiness Limitations.

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.

NOTE

Refer to R22 Maintenance Manual and R22 Illustrated Parts Catalog for installation data.

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	KI-2202 Instr.	Kit Instructions	1
2	A005-7R	Main Rotor Blade & Spindle Assembly	1
	A005-14R	Main Rotor Blade & Spindle Assembly	1
3	A006-6R	Main Rotor Gearbox Assembly	1
4	A007-5	Fan Shaft Assembly	1
5	A008-4	Tail Rotor Assembly	1
6	A017-2R	Swashplate Assembly	1
7	A018-1R	Clutch Assembly (anodized)	1
	A018-2R	Clutch Assembly (metalized)	1
8	A031-1	Tail Rotor Pitch Control	1
9	A051-1R	Clutch Actuator Assembly	1
10	A120-1	Bellcrank	1
11	A121-17	Push-Pull Tube Assembly	1
12	A169-35**	Muffler with Risers (O-320 engine)	1
13	A189-10	Nut – Double Lock	3
14	A190-2	V-Belt Set	1
15	A241-2	Cross Tube (includes rain caps)	1
16	A426-6	Cap – Collective Spring	1
17	A615-1	Gasket – Carburetor-to-Air Box	1
18	A628-6	Connector Assembly – Harness	2
19	A636-2	Support (A649-2 or C649-1 oil cooler on O-320 engine)	1

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
20	A780-33	Cable Assembly (battery power, aft battery)	1
21	A785-1	Hose – Air (intake)	1
22	A785-2	Hose – Air (hot air inlet)	1
23	A785-6	Hose – Air (engine cooling)	1
24	A785-7	Hose – Air (alternator cooling)	1
25	A792-4R	Dual Tachometer	1
26	A947-1	Flex Plate Assembly – Forward	1
27	A947-2	Flex Plate Assembly – Intermediate	1
28	A947-3	Flex Plate Assembly – Aft	1
29	B021-1R	Tail Rotor Gearbox	1
30	B174-1R	Fanwheel (Rev “J” or subsequent)	1
31	B224-1	Tail Rotor Drive Shaft	1
32	B283-1	Hose Assembly (fuel system)	1
33	B283-2	Hose Assembly (fuel system)	1
34	B286-2R	Governor Controller	1
35	B350-2	Pin – Spring (fanshaft nut)	1
36	D756-2	Bellcrank Assembly	1
37	F628-8	Buckle Assembly	2
38	KI-217-1*	R22 Bladder Fuel Tank Installation Kit Instructions	1
39	R5167	A006 Main Rotor Gearbox Crate	1
40	R5171	A016 Main Rotor Blade Crate	1
41	R7352	Core Deposits	1
42	KI-2207	A017-1 Swashplate Installation Kit Instructions	1
43	AN320-18	Nut – Fanshaft	1
44	MS16562-15	Pin – Spring	1
45	MS20002-18	Washer	1
46	MS24665-355	Cotter Pin	3
47	NAS1149F1832P	Washer	3
48	NAS630-80	Bolt	3
49	NAS6604-38	Bolt	1

* Required for helicopter S/N 0002 thru 4620 per R22 SB-109 if not previously accomplished. Item cost is deducted with proof of installation.

** KI-256 required for helicopters with optional heater installation.