



Robinson Helicopter Parts

3948 Aviation Cir. NW, Atlanta, Georgia 30336

Phone 404.424.9105 Fax 404.601.9795



Rotorcorp Overhaul Kit Pricing 2012: Robinson R22 BETA II

Thank you for contacting Rotorcorp for the approaching overhaul on your *Robinson R22 Beta II Helicopter!* Complete field overhaul kits combine the overhaul/exchange components together with the new parts to perform the airframe overhaul in the field. The following kit package offers an easy and convenient way to order all necessary components at a discounted price.

R22 II Beta Field Component Overhaul Kit (R7951)..... \$73,000

Includes: main rotor and tail rotor blades, spindles, flex plates, fanwheel, belts, main & tail gearboxes, swashplate, clutch, actuator, fanshaft, pitch control, TR driveshaft and shoulder harness. See Illustrated Parts Catalog pp 2.11-2.12 (attached) for full kit contents.

R22 II Beta Core Charge, Refundable (R7952)..... \$15,930

Note: The core charge is forwarded by the Service Center to Robinson Helicopter Company and is refunded upon receipt and inspection of acceptable core components. The amount of the core charge refunded to the customer is typically 80-85% of the amount paid, as determined at the sole discretion of Robinson Helicopter Company. The service center typically receives the core fee refund within 6-8 weeks from the time the components are received by Robinson Helicopter Company.

O-360 Engine Build-Up Kit (R8300)..... \$2,400

Includes all engine cooling panels, gaskets, hoses, lines, etc. (Specify A313-7 or -9 panel)

MR Hub Overhaul A005-4 (R7091)..... \$2,770

R22 Interior Overhaul Kit, Leather (R8013)..... \$3,100

NOTE: Interior overhaul kit includes new seats, carpets, insulation, cyclic and collective boots, etc. *Must specify color* (blue, gray, brown, tan) *and heater location*. Substitute Velour Interior Kit (R8005) subtract \$500.

Subtotal.....\$97,200

Refund to customer of Core charge (estimate).....-\$13,540

Total Estimated Overhaul Kit Price (net).....\$83,360

We look forward to providing you with any additional information you may need to make an informed decision concerning your overhaul- please feel free to contact us for a formal estimate for your specific configuration and remember to ask about our **complimentary tool loaner program** with the purchase of any overhaul kit. Thanks in advance for your consideration!

Call Rotorcorp today at 404-424-9105 or visit us online!

ROBINSON HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

To: All R22 and R44 Service Centers

January 15, 2012

R22 & R44 FIELD OVERHAUL KITS

Complete field overhaul kits combine the overhaul/exchange components together with the new parts necessary to perform the R22 or R44 airframe overhaul in the field. These packages make it easy to order all of the necessary parts at a discounted price.

Field Component Overhaul Kit:

Includes new main rotor and tail rotor blades, spindles, flex plates, fanwheel, belts, etc. Also includes complete set of overhauled/exchange components (main & tail gearboxes, swashplate, clutch, actuator, fanshaft, pitch control, TR driveshaft, and shoulder harness). Raven I & II kits include exchange hydraulics. Dealers/Service Centers may either submit exchange components to the factory in advance or pay a core charge, which is refunded upon receipt of acceptable core components. Core charge includes a US\$ 500.00 core for the tail rotor assembly. Please specify aircraft serial number when ordering.

<u>Description</u>	<u>Part Nbr</u>	<u>Kit Price (US\$)</u>	<u>Core Nbr</u>	<u>Core Price (US\$)</u>
R22 Beta	R7351	\$ 73,000	R7352	\$ 15,930
R22 Beta II	R7951	\$ 73,000	R7952	\$ 15,930
R44 Astro	R7543	\$ 121,000	R7544	\$ 21,592
R44 Raven I	R8209	\$ 121,000	R8211	\$ 42,020
R44 Raven II	R8210	\$ 126,000	R8212	\$ 42,020

Engine Build-Up Kits

Includes all engine cooling panels. *Do not order if purchasing a Robinson Overhauled engine as build-up is included.*

<u>Description</u>	<u>Part Nbr</u>	<u>Price (US\$)</u>
O-320 Engine Build-up	R8299	\$ 2,150
O-360 Engine Build-up	R8300	\$ 2,400 (specify A313-7 or -9 panel)
O-540 Engine Build-up	R8301	\$ 3,700
IO-540 Engine Build-up	R8302	\$ 3,800

Interior Overhaul Kit:

Includes new seats, carpets, insulation, cyclic and collective boots, etc. *Must specify color* (blue, gray, brown, or tan) *and heater location* (none, aft, forward single, or forward dual).

<u>Description</u>	<u>Part Nbr</u>	<u>Price (US\$)</u>
R22 Velour Interior	R8005	\$ 2,600
R22 Leather Interior	R8013	\$ 3,100
R44 Velour Interior	R8010	\$ 5,400
R44 Leather Interior	R8014	\$ 5,800

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		2200-HOUR FIELD OVERHAUL KIT* (SHIP S/N 2571M AND HIGHER)			
2-11-1	R7951**	2200-Hour Field Overhaul Kit (Ship S/N 2571M and higher; includes items 2 thru 44.)	X		1
2	A008-4	Tail Rotor Assembly (Round-Tip Blades)	X		1
3	A120-1	Bellcrank Assembly	X		1
4	A121-17	Push-Pull Tube Assembly	X		1
5	A169-24	Muffler with Risers (O-360)	X		1
6	A189-10	Nut - Double Lock	X		3
7	A190-2	V-Belt Set (set of 2 belts)	X		1
8	A241-2	Cross Tube, w/Rain Caps	X		1
9	A449-1	Cover Assembly, Outboard	X		2
10	A615-1	Gasket, Carburetor Air Box	X		1
11	A628-4	Connector Assembly, Harness	X		2
12	A628-5	Buckle Assembly	X		2
13	A780-33	Cable Assembly (Battery Power, Aft Battery)	X		1
14	A785-6	Hose, Air Duct	X		1
15	A785-26	Hose, Air Duct	X		1
16	A947-1	Flex Plate Assembly, Forward	X		1
17	A947-2	Flex Plate Assembly, Intermediate	X		1
18	A947-3	Flex Plate Assembly, Aft	X		1
19	AN320-18	Nut, Fanshaft	X		1
20	B173-1	V-Belt, Alternator	X		1
21	B283-1	Hose Assembly, Fuel System	X		1
22	B283-6	Hose Assembly, Fuel System	X		1
23	B350-2	Pin, Spring	X		1
24	C636-2	Support (O-360 with C649-1 Large Oil Cooler)	X		1
25	D756-2	Bellcrank Assembly (Throttle)	X		1
26	MS16562-15	Pin, Spring	X		1
27	MS20002-18	Washer	X		1
28	MS24665-355	Cotter Pin	X		3
29	NAS1149F1832P	Washer (AN960-1816L)	X		3
30	NAS1304-38	Bolt	X		1
31	NAS630-80	Bolt, Main Rotor	X		3
		*Supplemental overhaul kits listed on page 2.15. **If not previously accomplished, ship S/N 2571M-2664 require A057-2 airbox upgrade at next 2200-hour interval; see R8287 kit, page 2.15. (Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
2200-HOUR FIELD OVERHAUL KIT (SHIP S/N 2571M AND HIGHER) [Cont'd]					
<u>OVERHAULLED EXCHANGE COMPONENTS</u>					
2-11-32	R7374*	A017-1 Swashplate Installation Field Overhaul Kit	X		1
33	R9002*	A017-2 Swashplate Assembly (overhauled exchange)	X		1
34	R9004*	A018-1 Clutch Assembly** (overhauled exchange)	X		1
	R9006*	A018-2 Clutch Assembly** (overhauled exchange)	X		1
35	R9010*	A031-1 Tail Rotor Pitch Control (overhauled exchange) . . .	X		1
36	R9012*	A051-1 Clutch Actuator Assembly (overhauled exchange) . .	X		1
37	R9024*	A792-4 Tachometer (overhauled exchange)	X		1
38	R9026*	B174-1 Fanwheel, Rev "J" or later (overhauled exchange) . .	X		1
39	R9030*	B224-3 Tail Rotor Drive Shaft (overhauled exchange)	X		1
40	R9034*	B286-2 Governor Controller (overhauled exchange)	X		1
41	R9040*	A006-1/-6 Main Rotor Gearbox*** (overhauled exchange) . .	X		1
42	R9042*	A007-5 Fanshaft Bearing (overhauled exchange)	X		1
43	R9086*	B021-1 Tail Rotor Gearbox (overhauled exchange)	X		1
44	R9146*	A005-6 Main Rotor Blades*** (set of 2, overhauled exchange)	X		1
*Core deposit required for overhauled exchange components. **Please specify clutch required. ***Crate required; see Figures 3-41 and 3-43.					

ROBINSON HELICOPTER COMPANY

R7951
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2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

By: JA 1-18-11

Revised: 04 January 2011

Appvd: JA 01 Feb 2011

BETA II 2200 HOUR FIELD OVERHAUL KIT

The parts and components listed in this kit are for the airframe overhaul of a normally equipped R22 Beta II. Owners of R22 Mariner IIs or Instrument Trainers may need to order additional parts and should review the panels, cable assemblies and hoses required for their aircraft.

KIT CONTENTS:

OVERHAUL/EXCHANGE COMPONENTS*

1.	A005-7R	A005-7 M.R. Blades (2) OH/EXCH	1 ea
2.	A006-6R	A006-6 M.R. Gearbox OH/EXCH	1 ea
3.	A007-5R	A007-5 Fanshaft Bearing OH/EXCH	1 ea
4.	A017-2R	A017-2 Swashplate OH/EXCH	1 ea
5.	A018-1R	A018-1 Clutch OH/EXCH	1 ea
6.	A031-1R	A031-1 T.R. Pitch Control OH/EXCH	1 ea
7.	A051-1R	A051-1 Actuator OH/EXCH	1 ea
8.	A792-4R	A792-4 Tachometer OH/EXCH	1 ea
9.	B021-1R	B021-1 T.R. Gearbox OH/EXCH	1 ea
10.	B174-1R	B174-1 Fanwheel OH/EXCH Rev J & on	1 ea
11.	B224-3R	B224-3 T.R. Drive Shaft OH/EXCH	1 ea
12.	B286-2R	B286-2 Governor Controller OH/EXCH	1 ea

* A Core Deposit will be required on all Overhaul/Exchange Components.

NEW COMPONENTS:

1.	A008-4	T.R. Assembly	1 ea
2.	A120-1	Bellcrank Assembly	1 ea
3.	A121-17	P/P Tube Assembly	1 ea
4.	A169-24	Muffler With Risers	1 ea
5.	A189-10	Nut	3 ea
6.	A190-2	V-Belt Set	1 ea
7.	A241-2	Cross Tube, With Raincaps	1 ea
8.	A426-6	Cap	1 ea
9.	A615-1	Gasket, Carb Air Box	1 ea

Revised: 04 January 2011

NEW COMPONENTS CONTINUED:

10.	A628-6	Connector Assembly, Harness	2 ea
11.	F628-8	Buckle Assembly	2 ea
12.	A780-33	Cable Assembly	1 ea
13.	A785-1	Hose	1 ea
14.	A785-6	Hose	1 ea
15.	A785-26	Hose	1 ea
16.	A947-1	Flex Plate Assembly	1 ea
17.	A947-2	Flex Plate Assembly	1 ea
18.	A947-3	Flex Plate Assembly	1 ea
19.	B283-1	Hose	1 ea
20.	B283-6	Hose Assembly, Fuel System	1 ea
21.	B350-2	Pin, Spring	1 ea
22.	C636-2	Support	1 ea
23.	D756-2	Bellcrank Assembly	1 ea
24.	AN320-18	Nut	1 ea
25.	MS16562-15	Roll Pin	1 ea
26.	MS20002-18	Washer	1 ea
27.	MS24665-355	Cotter Pin	3 ea
28.	NAS1149F1832P	Washer	3 ea
29.	NAS1304-38	Bolt	1 ea
30.	NAS630-80	Bolt	3 ea
31.	R5167	A006 M.R. Gearbox Crate	1 ea
32.	R5171	A016 M.R. Blade Crate	1 ea
33.	R7374	A017-1 Field O/H Kit	1 ea

For Ship S/N 2571-2664 that have not upgraded to A057-2 Air Box, also order:

R8287 Beta II 2200 Hour Supp. Kit S/N 2571-2664
(Kit contents listed on page 3)