

**R44-series Tailcone & F050 Horizontal Stabilizer Upgrade Kit Instructions**

Replaces C023-1, -14, or -15 tailcones (Rev AV & prior) with C023-1, -14, or -15 (Rev AW or later) tailcones, and C044-1 horizontal stabilizers with F044-1 vertical stabilizers mount assembly. Also installs F050-2 horizontal (symmetrical) stabilizer assembly. Reweighing of helicopter is required after installation of kit contents. Kit is not approved for installation on Raven I helicopters fitted with C169-1 exhaust muffler assembly, which has a shroud diameter of 6.0 inches. C169-35 exhaust muffler assembly, or C169-36 muffler sub-assembly may be installed to meet kit installation requirements. To determine eligibility for installation, contact Technical Support.

**NOTE**

Visit <https://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 R44 Maintenance Manual (MM) and R44 Illustrated Parts Catalog (IPC) for installation data.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-4411-1Instr.	Kit Instructions . . . . .	1
2	B330-19	Palnut . . . . .	2
3	C023-XX	Tailcone Assembly (select p/n [below] as required.) . . . . .	1
	C023-1.CS*	Tailcone Assembly (3-antenna) . . . . .	0
	C023-14.CS*	Tailcone Assembly (5-antenna) . . . . .	0
	C023-15.CS*	Tailcone Assembly (3-antenna and NAV antenna) . . . . .	0
4	D210-3	Nut . . . . .	4
5	D210-6	Nut . . . . .	2
6	F044-1.CS*	Vertical Stabilizers Mount Assembly . . . . .	1
7	F050-2.CS*	Horizontal (Symmetrical) Stabilizer . . . . .	1
8	R5388	Tailcone Crate . . . . .	1
9	MS3367-4-9+	Ty-rap (Note: "+" in part number indicates 20-qty pack) . . . . .	1
10	MS3367-5-9+	Ty-rap (Note: "+" in part number indicates 20-qty pack) . . . . .	1
11	NAS1149F0332P+	Washer (Note: "+" in part number indicates 20-qty pack) . . . . .	1
12	NAS1149F0432P+	Washer (Note: "+" in part number indicates 20-qty pack) . . . . .	1
13	NAS1149F0632P+	Washer (Note: "+" in part number indicates 20-qty pack) . . . . .	1
14	NAS1149F0663P+	Washer (Note: "+" in part number indicates 10-qty pack) . . . . .	1
15	NAS6603-2	Bolt . . . . .	4
16	NAS6604-3	Bolt . . . . .	4
17	NAS6606-47	Bolt . . . . .	2

\* ".CS" suffix indicates part has paint finish options; contact Customer Support.