
Table of Contents

Table of Contents	2
Introduction	3
Required Items for Assembly	4
Building Guide for Raven 30 & 50 kits	5
Main Rotor Head & Seesaw Assembly	Step 1-2
Bell Mixers & Main Rotor Grips	Step 3-4
Flybar & Flybar Control Yoke	Step 5-6
Washout & Swashplate Assembly	Step 7-8
Start Shaft Assembly & Hex Coupler	Step 9-10
Tail Trans Output Shaft - R30/R50	Step 11A-11B
Counter Gear Assembly - R30/50	Step 12
Main Gear, Main Shaft	Step 13A-14
Upper Side Frames	Step 15
Upper Frame Assembly & Front CCPM Servo Mounts	Step 16 - 16A
Rear CCPM & Rudder Servo Mounts	Step 17
Clutch, Clutch Bell, Fan, Shroud & Engine Mount	Step 18-19
Fuel Tank & Lower Frames	Step 20-21
Upper & Lower Frame Assembly	Step 22-23
Final Rotor Head Assembly & Muffler	Step 24-25
Landing Gear & Tail Output Shaft	Step 26-27
Tail Pitch Plate & Tail Input Shaft - R30/50	Step 28-29B
Tail Gearbox & Tail Rotor Grips	Step 30-31
Tail Blades & Tail Drive Shaft Guides - R30	Step 32-34A
Tail Drive Shaft - R30 & Torque Drive Shaft - R50	Step 34B-34C
Tail Gearbox Assembly - R30/50	Step 35A-34B
Vertical Tail Fin & Final Tail Boom Assembly	Step 36-37
Horizontal Tail Fin, Tail Struts	Step 38
CCPM Radio Setup	Step 39
Pushrod Setup	Step 40
Radio, Servo and Adjustments	
CCPM Swashplate Linkage Setup	Step 41
CCPM Rotor Head & Rudder Linkage Setup	Step 42 - 43
Throttle Linkage & Aerotech Main Blade	Step 44 - 44A
Hurricane Carbon Blades	Step 45B
Canopy & Decal	Step 46-47
Radio Components & Balancing	37
Radio Setup	38
Tail Rotor Setup & Gyro Setup	39
Starting the Engine - Basic Hovering - Pre Flight Checkup & Log	40-42
Replacement Parts List	43
Upgrades & Optional Parts	44-Back Cover