

SIGRC47 1/4 Scale Clipped Wing Cub BIY Kit



Specifications	English	Metric
Wingspan	86 inches	2184 mm
Wing Area	1300 sq. inches	8387 sq. cm
Fuselage Length	67 inches	1702 mm
Flying Weight	14 pounds	6350 grams

Engine & Radio Requirements	English	Metric
Engines 2-Stroke	.60 - .90 cubic inch	9.8 - 14.8 cc
4-Stroke	.90 - 1.20 cubic inch	14.8 - 19.7 cc
Radio System	4 channel standard radio system 4 heavy duty servos	

Set Up Specifications	English	Metric	Directions
Elevator	1 3/8 inch	35 mm	Up and Down
Rudder	1 3/4 inch	44 mm	Right and Left
Ailerons	1 inch	25 mm	Up and Down
Center of Gravity	4 3/8 inch	111 mm	Back from leading edge
Dihedral	1/2 inch	13 mm	At W-4 rib
Incidence	+1 degree wing, 0 degree stabilizer		
Engine Offset	1-1/2 degree down, 0 degree right		

Accessories	English	Metric	Number Required
Pilot	1/4 scale	1/4 scale	1
Main Wheels	4 1/2 inch	114 mm	2
Tail Wheels	1 1/2 inch	38 mm	1
Fuel Tank	16 ounce	473 cc	1
Spinner	May use a Prop Nut of a size to fit the engine selected		
Covering	4 rolls depending on trim scheme		

Frequently Asked Questions (FAQ)

Replacement Parts	Part Number	Notes
Wing Kit	SIGRPBK247	Does not include plan.
Fuselage Kit	SIGRPFU247	Does not include plan or cowl.
Window Kit	SIGRPWD248	Windshield & side windows
Bungee Cover/a c	SIGRP25247	ABS Plastic
Cowl	SIGSH627	ABS Plastic
Dummy Engine	SIGSH617	ABS Plastic
Landing Gear	SIGRPBM247	
Tail Wheel Assembly	SIGRP26247	Does not include tail wheel
Decal #1	SIGDKM247A	Bear Cub
Decal #2	SIGDKM247B	License Number
Kit Plan	SIGKP247	
Instruction Book	SIGIB247	