



Trevor Boundy <trevor@boundy39.com>

Rocketeer A Construction Series

1 message

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 To: Trevor Boundy <trevor@boundy39.com>

Wed, Mar 20, 2019 at

Trevor,

There were 116 reports written during the construction of the Rocketeer "A" shown below. If you would like to post them on your How-To's list just let me know and I will start forwarding them to you.....Tandy

Rocketeer A

September 17, 2016

PROJECT SUMMARY

R/C Electric Version of Maurice Schoenbrun's Rocketeer "A"



Plane	Freq.	AREA	Span/Chord	WEIGHT-oz		C.G.	Fit Pack	Motor Pack	
Motor - ESC		TX	W/A ~ oz/sqft	actual	min	Prop	mAh	mAh	
<i>Rocketeer A</i>	2.4	229	39.25/8.5	20.74	N/A	50.0%	N/A	LiPo-TP	6
AXI 2217/12 Outrunner	SEL-8	7C	13.02	1.30		10X5eAPC		1350 2S 25C	7

PROJECT

Duration: 6-1/2 Months to Completion on 5/19/15

Designer: Maurice Schoenbrun

Plans: Drawn by Al Wolsky

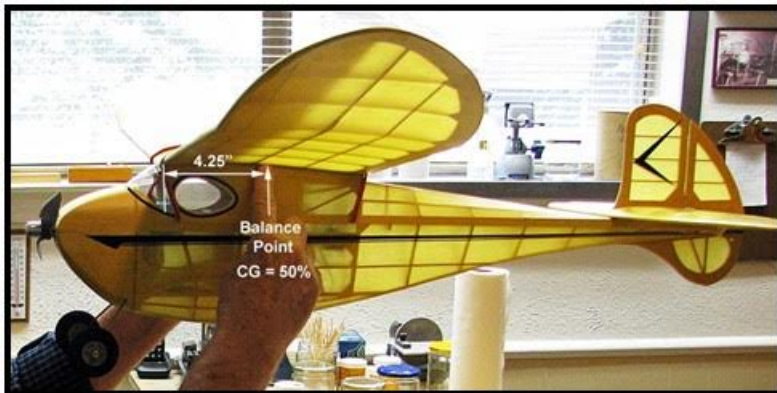
Graphics: Callie Graphics

Spinner: Charles Doyle Dallas Machinist
 Covering: Yellow Silk over Polyspan Lite
 Finish: Randolph's Clear Nitrate Dope with Clear Satin Klass Kote
 Windscreen: 0.005" Dura-Lar
 Wheels: 2 in. Foam (Great Planes)

EQUIPMENT

Motor: AXI 2217/12 Outrunner Motor (KV 1380)
 ESC: Jeti ECO 18 Amp with BEC - (Brake On)
 Battery: Thunder Power 2-cell 1350 mAh ProLite LiPo battery pack
 (designated as TP1350-2SP+ 25).
 Flight Prop: 10 X 5e APC
 Receiver: Futaba 7Channel FASST 2.4GHz R617FS
 Servos: Hitec HS-55

BALANCE POINT



SPECIFICATIONS

(As Built)

Weight:20.74oz (588 grams)
 CG:50 %
 Wing Span:39.25 in.
 Wing Chord:8.50 in.
 Wing Plan Area:299.34 sq.in.
 Aspect Ratio:5.15
 Wing Loading:9.98 oz/sq. ft.
 Fuselage Length:32.88 in. (Spinner to end of Rudder)
 Lifting Stab Area: 104.57 sq. in.
 Stab/Wing Area Ratio: ... 0.349