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106 Rocketeer A - Project Summary

1 message

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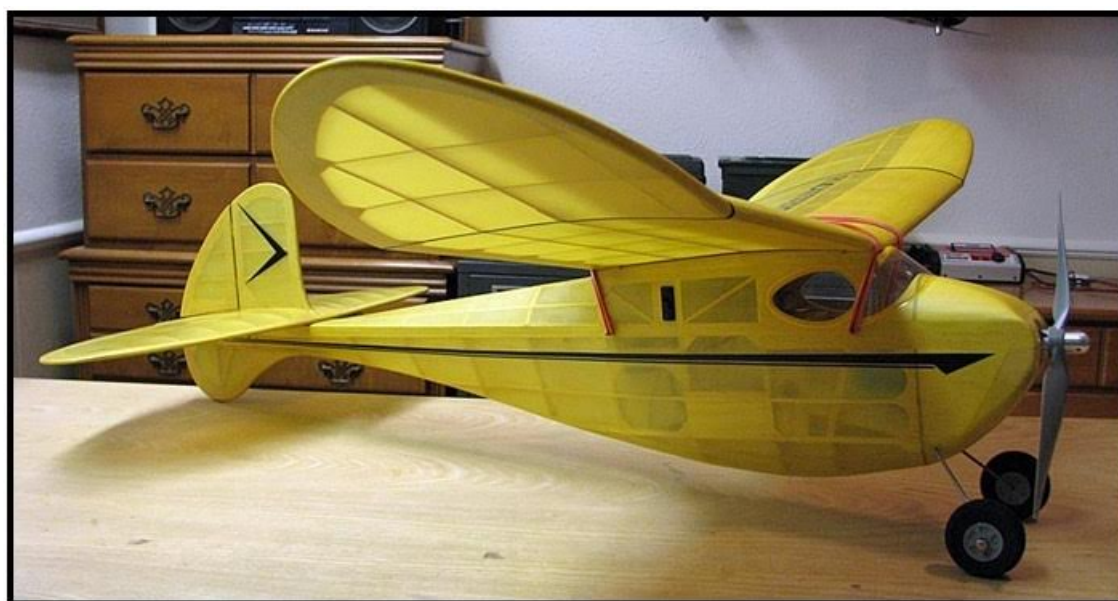
Fri, Mar 22, 2019 at

Rocketeer A

May 21, 2015

PROJECT SUMMARY

R/C Electric Version of Maurice Schoenbrun's 1940 Rocketeer "A"



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

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

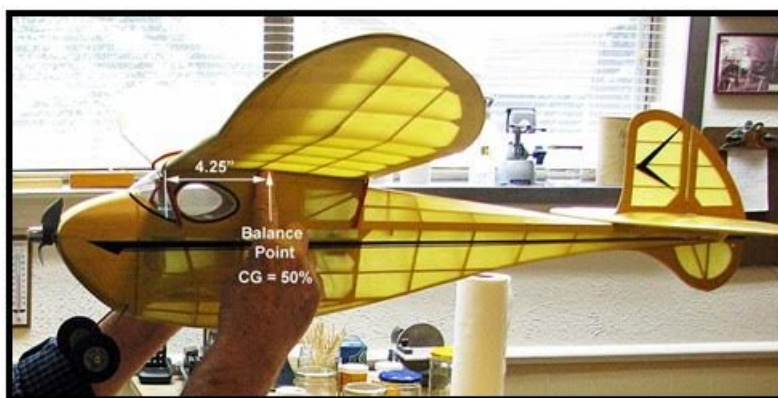
(designated as TP1350-2SP+ 25).

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