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FW: 29 Rocketeer A - Balance Check

1 message

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To: Trevor Boundy <trevor@boundy39.com>

Thu, Mar 21, 2019 at 4:56 AM

From: Tandy Walker [mailto:aerotan1503@outlook.com]
Sent: Thursday, January 01, 2015 6:08 PM
Subject: 29 Rocketeer A - Balance Check

Web Site: [Tandy's Model Aircraft](#)

Rocketeer A

January 1, 2015

I wanted to get a feel for how this model balance was with just the tail assembly, sub rudder, motor and prop, wheels, and speed control. The fuselage was balanced on a small dowel between two metal cans. The balance point is shown below. Notice that the sub rudder is laying on top of the stab.



The interim balance point is 3.45" aft of the wing's leading edge as shown below. Since the wing chord is 8.5", the center of gravity is calculated as :

$$CG = 100 \times (3.45/8.5) = 40.6\%$$

Can anyone advise me where the Rocketeer A should balance?.....Tandy

