



Trevor Boundy <trevor@boundy39.com>

FW: 3 Stinson Reliant - Article on the SR-9 Gullwing Stinson Reliant.

1 message

Tandy Walker <rdb435021@icloud.com>
To: Trevor Boundy <jtboundy@dcsi.net.au>

From: Tandy Walker [mailto:aerotan1503@outlook.com]
Sent: Thursday, July 02, 2015 3:53 PM
Subject: 3 Stinson Reliant - Article on the SR-9 Gullwing Stinson Reliant.

Stinson Reliant SR-7

July 2, 2015

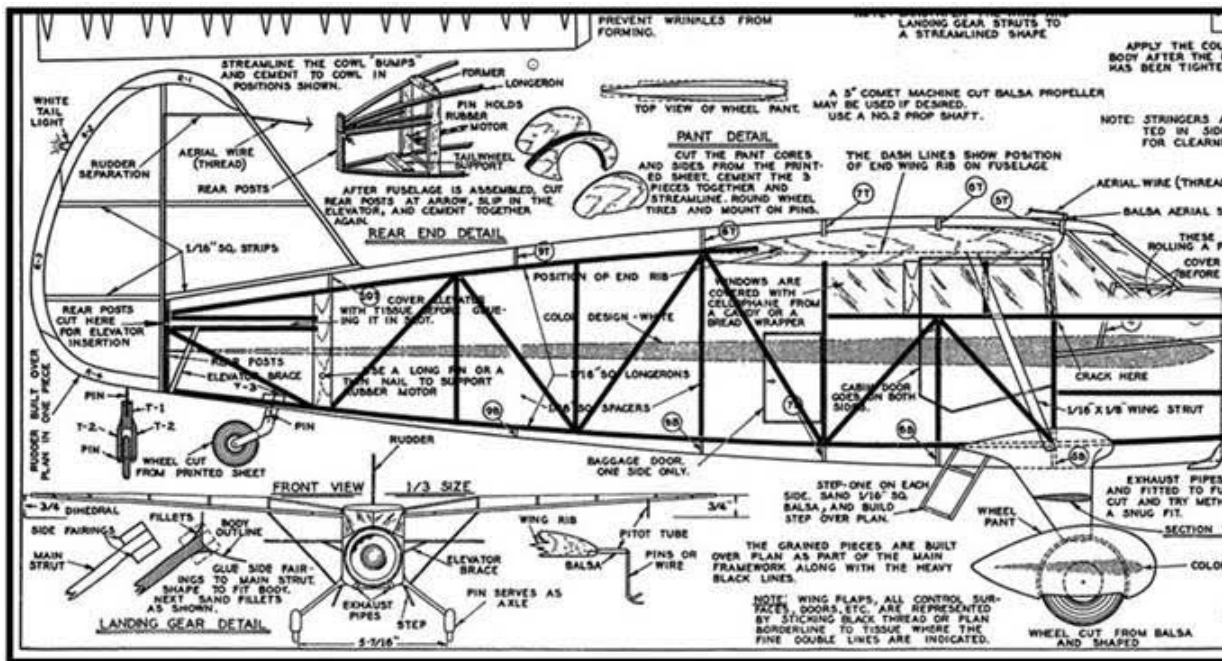
I have been on-again and off-again about building the Stinson Reliant several times now, and Earl Fortner sent me information about the potentially bad flight characteristics of wing configuration that was so discouraging I almost abandon the project. However, yes Montes from Australia e-mailed me a very timely article <http://www.airbum.com/pireps/P9.html> on the Stinson Reliant SR-9 shown below. The one thing that immediately caught my caption under the picture:

Although highly tapered wings supposedly lead to tip stall you can't prove it by the Reliant. Its stalls are super benign and well mannered.



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In addition, Jim O'Reilly suggested that I build in 2-1/2° to 3° washout in the wing tips to tip stall. Because of my strong desire to build the electric powered R/C Stinson Reliant SF forward with this scaled up 300 sq.in. SR-7 project at least to the point of framing up structure shown below. This structure has been modified to include one extra upright brace as well as the seven (7) diagonals. The top and bottom longerons will be 1/8" sq. bass wood and diagonals will be 1/8" sq. balsa, except the diagonals behind the wing will be reduced to save weight in the rear.



Sue and I are flying down to Houston in the morning to spend the fourth of July weekend in with Sue's son Rick and his wife Andrea so I will not be framing up the first side until : week. Happy 4th of July to you all.....Tandy