

## Tandy's second Cloudster

18 May 2010

Good Morning Trevor,

At 75 years of age, I am not one to give up or get discouraged easily. The Speed 400 event is one that interests me very much. I think the Cleveland Cloudster with the polyhedral wing is going to be strong competitor in this event. The recovered Cloudster is pretty well trashed out, but there are some tail components that are use-able. Since I still have time before the 2010 SAM Champs in September, I have started construction on a second Cloudster. I am not writing detailed construction reports on this rebuild because it would be redundant with the first series, but I will share a few pictures with you on where I am at the present time.



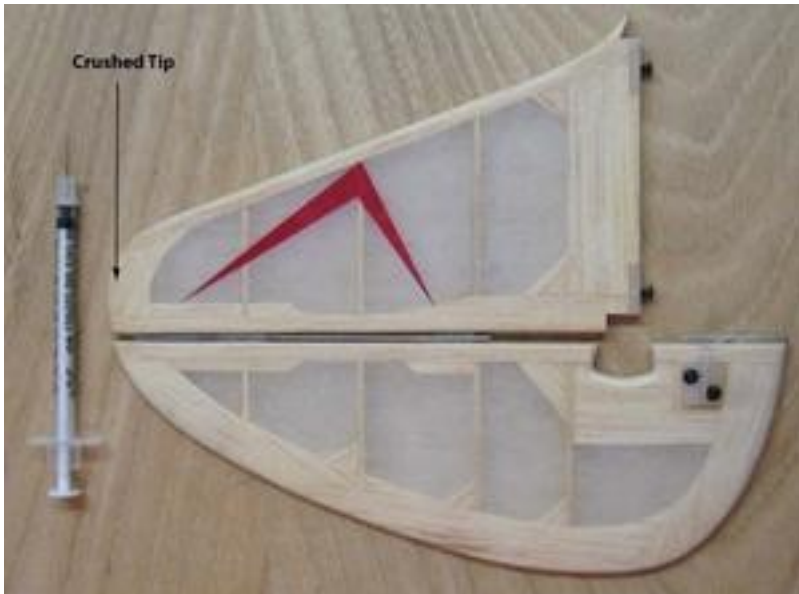
Jigging for Assembling New Fuselage Sides



New Fuselage Primary Structure



New Aluminum Motor Mount



The vertical tail covering was water stained and I cleaned that all off with a glass cleaner and soft rag. I discovered that the tip of the fin had received a moderate blow to the top edge as shown below, which left the silk covering on one side of the tip wood a little wrinkled. I injected distilled water into the crushed balsa through the covering with the syringe that has a "hair" size needle also shown below. Then I applied a little heat to the area, which expanded the damp balsa underneath and tightened up the silk covering. This completely repaired the damaged tip so you can not tell it was ever damaged!



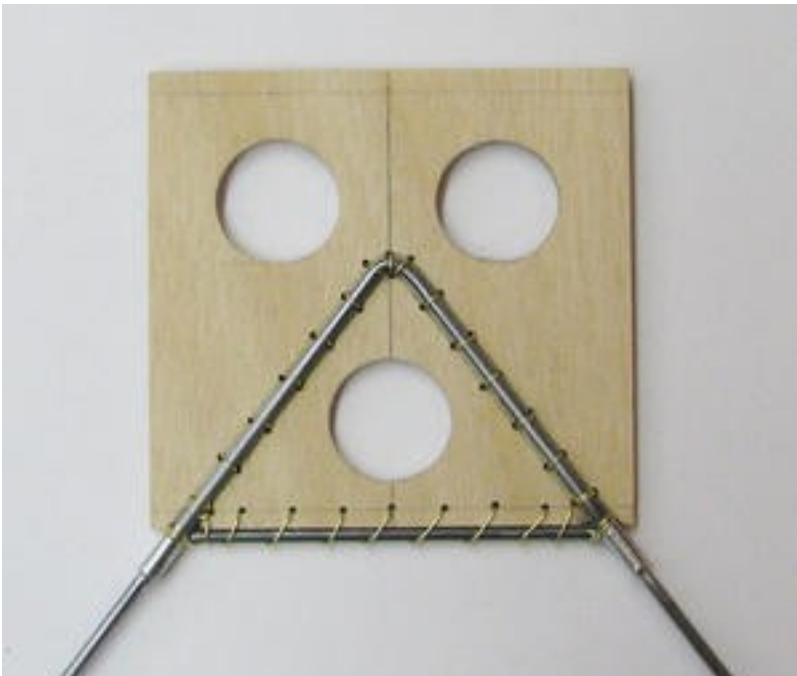
Recovered Stressed Elevator and Stab



Stripped, Re-glued, and refinished Horizontal Tail



Jigging for Stab Mounting Platform



Recovered Wire Landing Gear on New Plywood Bulkhead

So you see Trevor, there will be a new second Cloudster in not the too distant future.  
Tandy