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**FW: 7 Second Cloudster - Original Vertical Tail Useable**

1 message

**Tandy Walker** <rdb435021@icloud.com>  
To: Trevor Boundy <trevor@boundy39.com>

Sat, Mar 2, 2019 at 11:28 AM

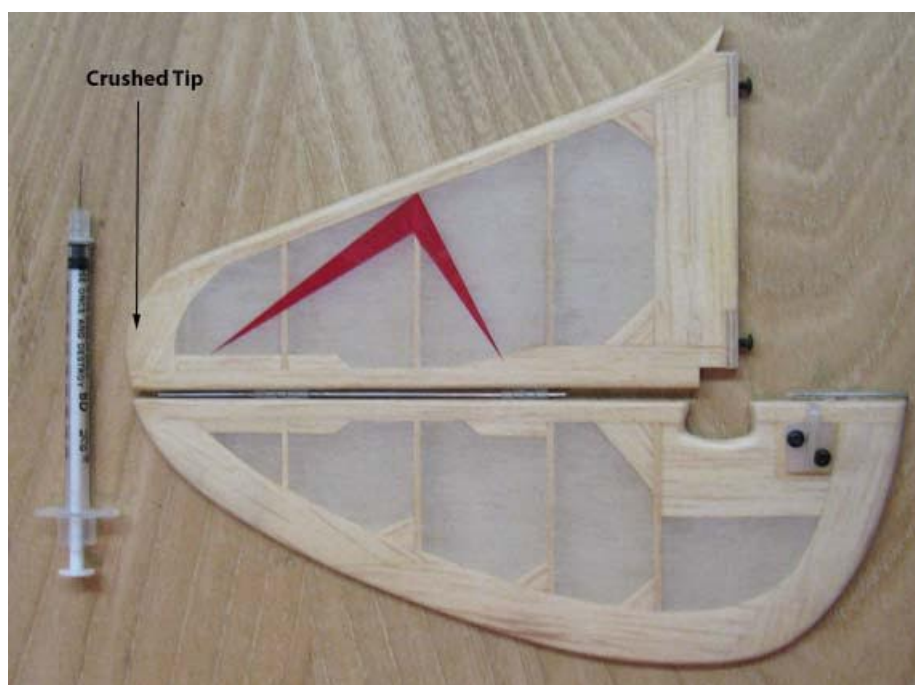
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**From:** Tandy C. Walker [mailto:tandyw@flash.net]  
**Sent:** Wednesday, May 12, 2010 12:34 PM  
**To:** Lollar, James <jlollar@cableone.net>; Hiner, Jack <j.hiner@comcast.net>; Burkhart, Jay <Jayflyer@insightbb.com>; Burk, Jerry <cherryburk@mindspring.com>; Walker, Tandy C. <tandyw@flash.net>; Walker, T. Cy <cwalker@kenyon.com>  
**Subject:** 7 Second Cloudster - Original Vertical Tail Useable

*Second Cloudster 300*

The fin was stuck in the stab slot of the recovered Cloudster. Seems a little water got down in the slot. After considerable work I finally loosened the fin in the slot and removed it. Some of the aliphatic glue in slot had been activated by moisture, which was what holding the fin. I applied a little water on a rag and scrubbed of the root of the fin, which came clean. The hinge wires were rusted so I sanded those down with 600 grit paper and then used a wet SOS pad to polish them out.

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!



However, the covering on the stab and elevator will have to be removed, repairs made, and then recovered. This will require removing the hinges, which may be a show stopper, but I am not sure of that yet. Also some restoration work will be required down in the slot where the fin goes. Hopefully, I can salvage both the stab and elevator because they are time consuming to build from scratch.....Tandy