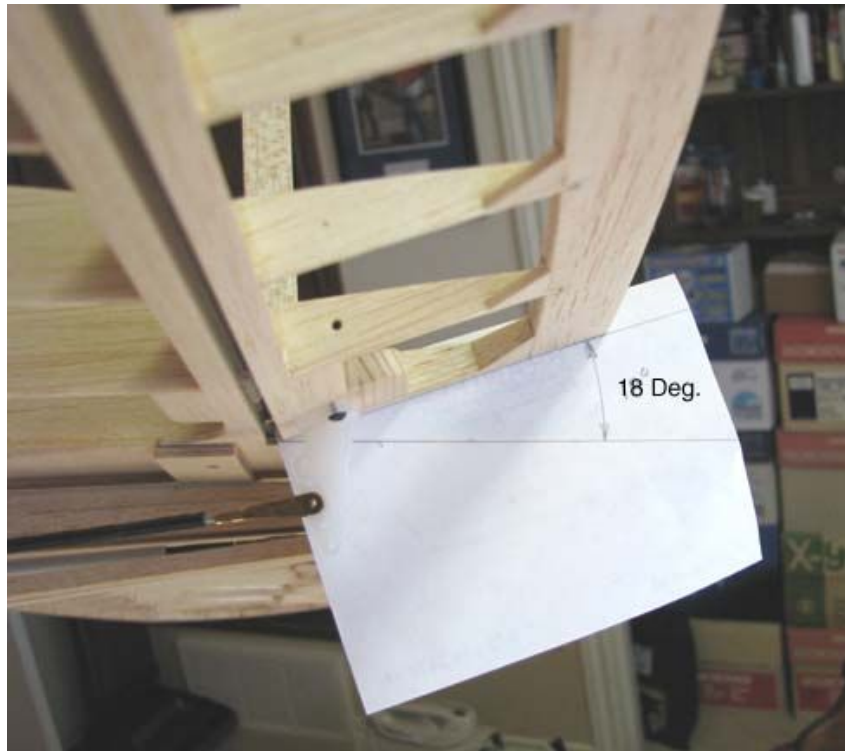


From: ["Tandy C. Walker" <tandyw@flash.net>](mailto:tandyw@flash.net)
To: ["Walker, Tandy C." <tandyw@flash.net>](mailto:tandyw@flash.net)
Date: 1/20/2009 10:20:17 AM
Subject: 30 Sailplane Elevator Deflection

This morning I measured the elevator deflection in the limited up position as shown below. There is unlimited down deflection capability due to the low hinge line location that I used. Specifically for those of you who have built and flown an R/C Assist Comet Sailplane, is a deflection of 18 degrees for a two-sided elevator enough for control and maneuvering? I have heard that the Sailplane is sensitive to its elevator deflection. I can actually get more up deflection if required by doing more shaping to the top of the elevator's leading edges. Any feed back would be appreciated.....Tandy



Sailplane's Two-Sided Elevator

