

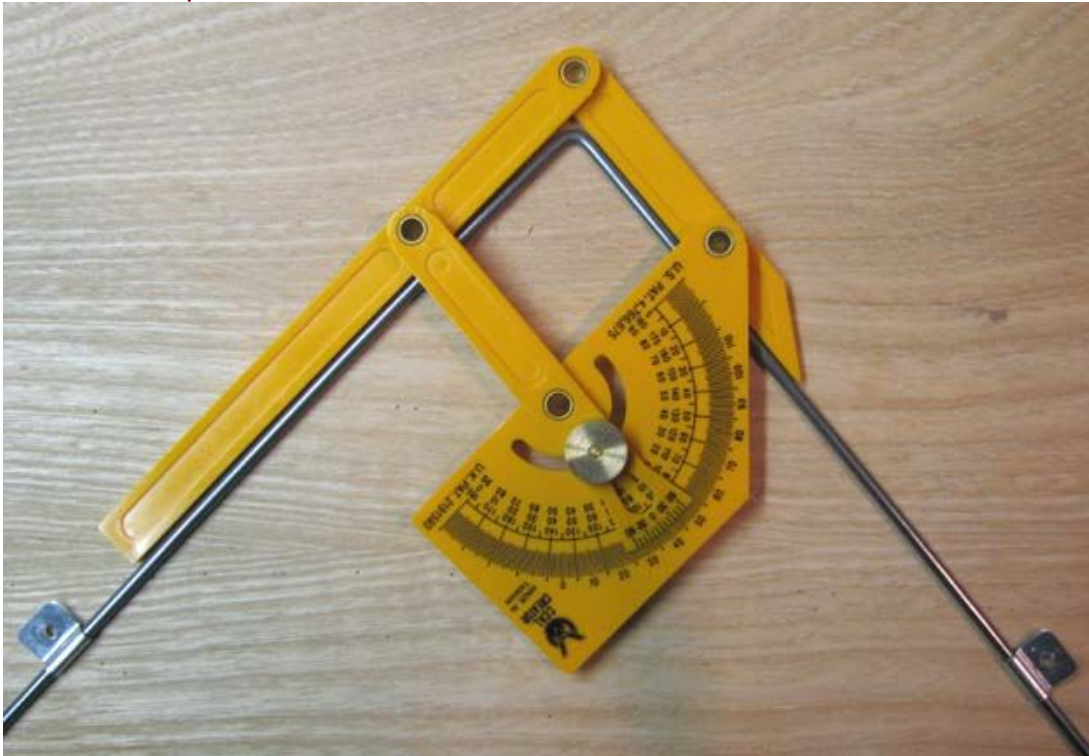
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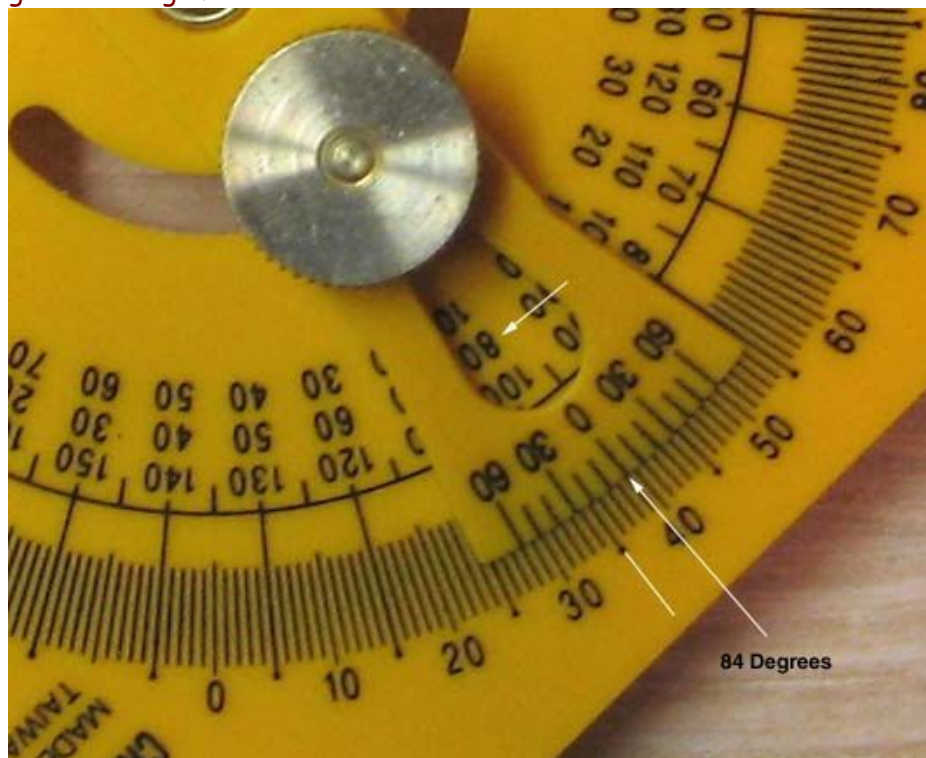
Date: 11/22/2008 11:18:22 PM

Subject: 7 Sailplane Landing gear Forward Strut and Metal Clips

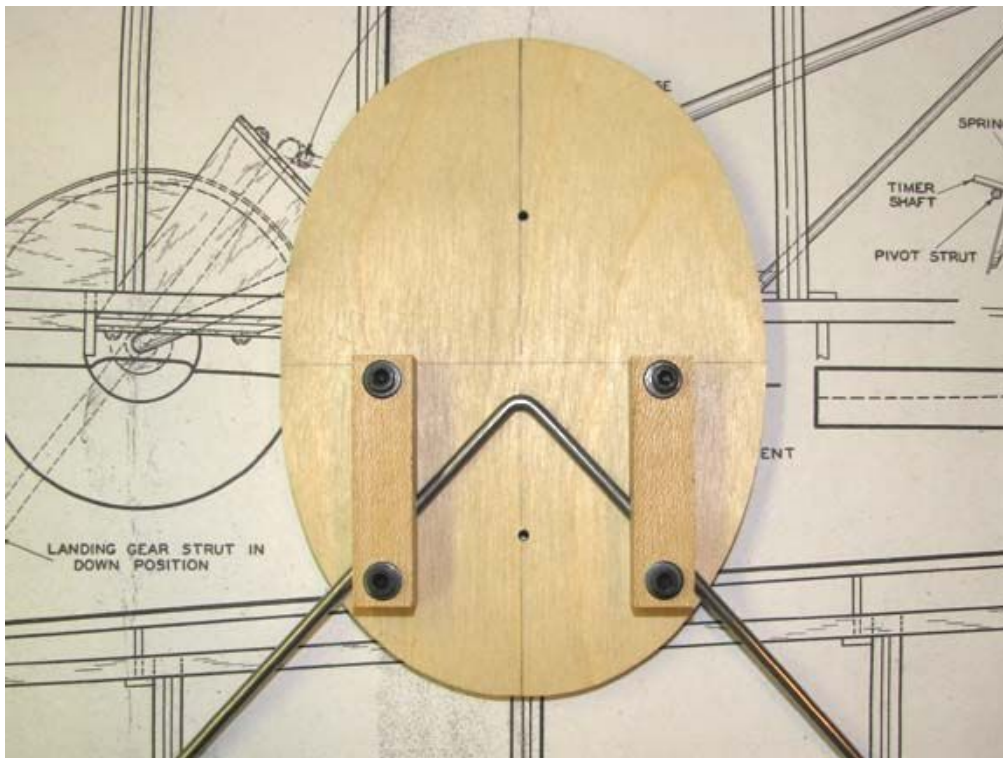
Today I bent up 1/8" piano wire landing gear front strut. I used a neat device called a "CCKL Creator" to set the apex angle of the 1/8" piano wire as shown below.



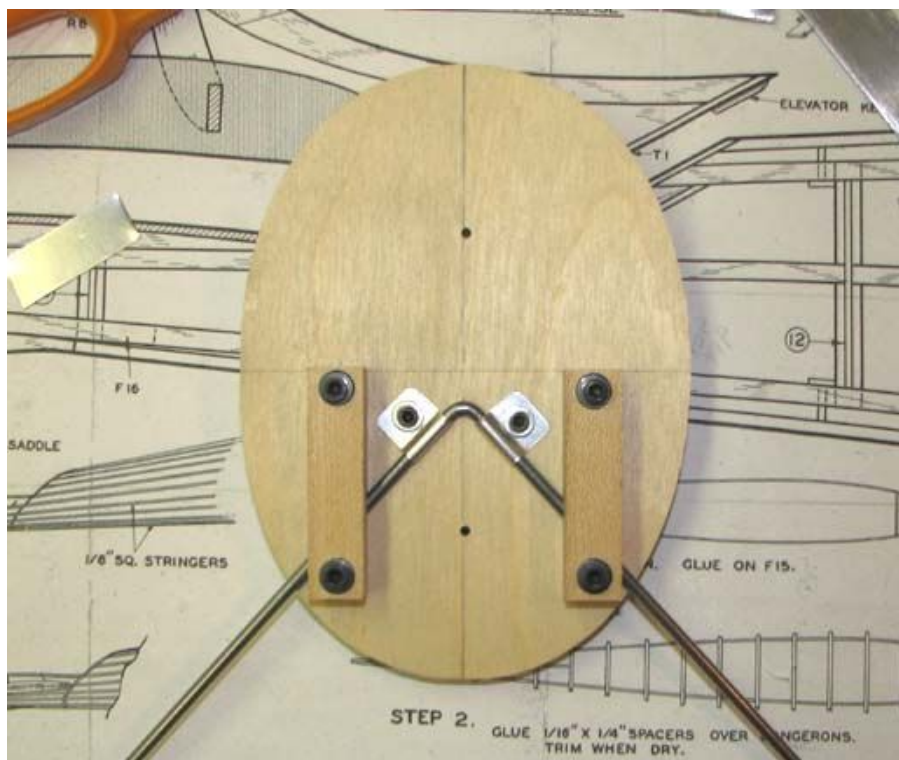
This close up of the CCKL Creator setting shows the apex angle to be precisely 84 degrees, which is twice the spacer's 42 degree slot angle.



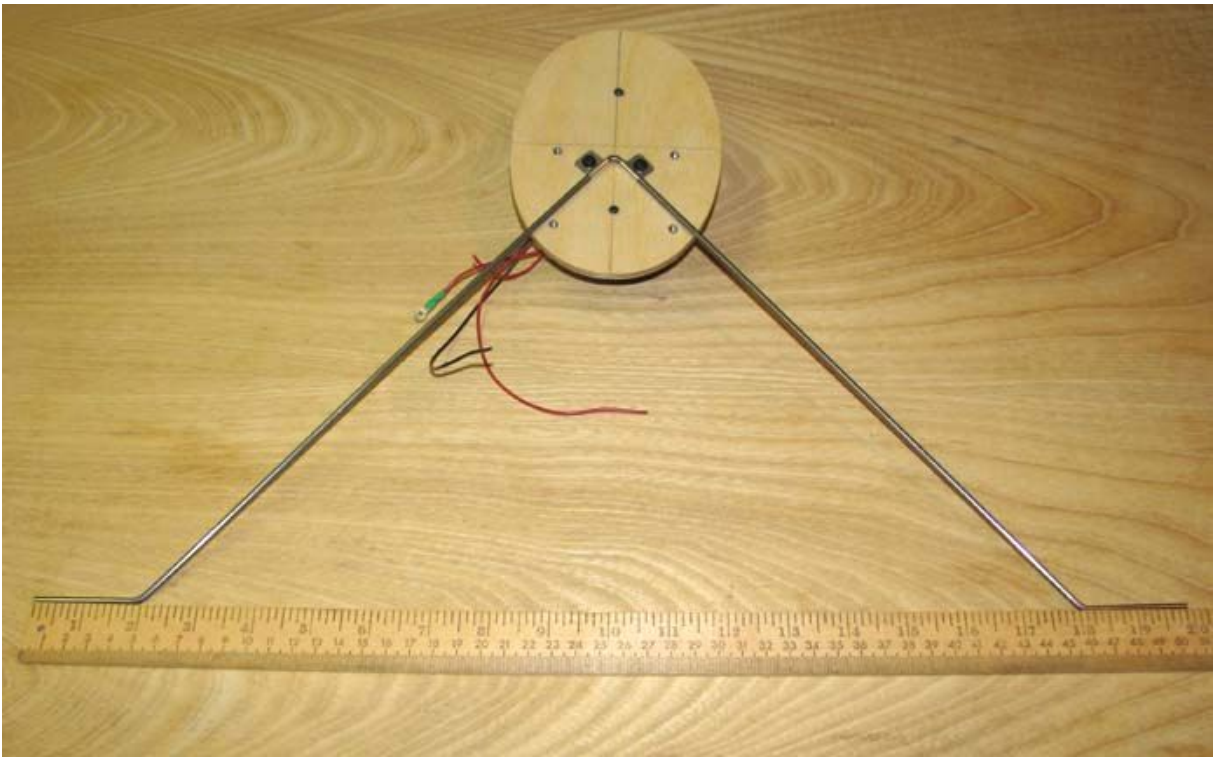
The picture below shows the 1/8" piano wire landing gear front strut mounted to the firewall using the wooden maple spacers I made. Everything fits perfectly as you can see!



After I made the two metal clips and secured the landing gear to the firewall with them, I took the picture below.



I took this picture to show the complete 1/8" piano wire landing gear front strut.



In the picture below, you see that the 4-40 blind nuts that hold the metal clips to the firewall are countersunk on the back side. Notice also that a 1/16" X 1/8" fence has been added to the back of the firewall to position the ignition unit so as to align its holes with the holes in the firewall. This insures that the two 2-56 screws that hold the ignition unit to the back of the firewall will thread in easily.....Tandy

