

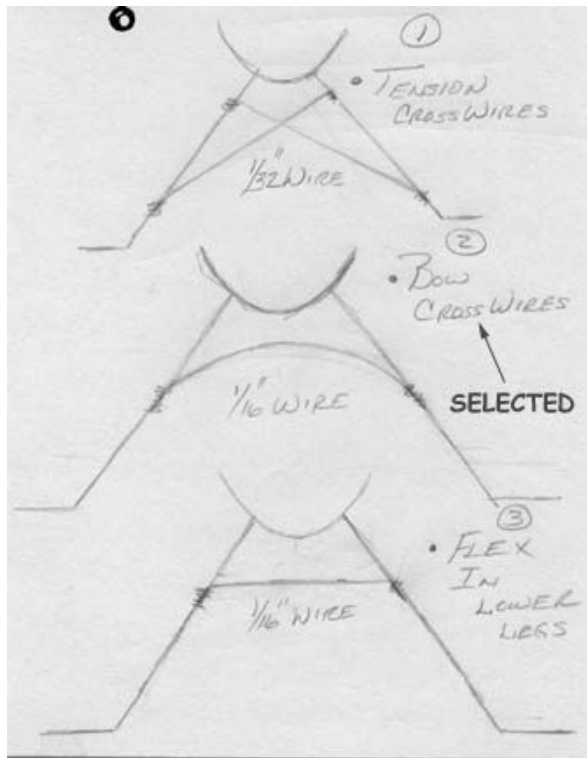
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Subject: 13 Sailplane Landing Gear Cross Wire

I looked at several ways to restrain the landing gear legs from spreading too far on a hard landing as shown below. I settled on No. 2, the "Bow Cross Wire".



Using 1/16" piano wire, I bent the bow cross piece to attach half way down on the forward landing gear strut and wrapped it with copper wire and soldered it in place as shown below. This allows the top portion of the strut to flex until the bow cross piece tightens up and then lower portion of the leg can flex a little more. This should be effective at absorbing the shock load of a hard landing and prevent the legs from spreading out too far. This completes the Sailplane's main landing gear assembly.....Tandy

