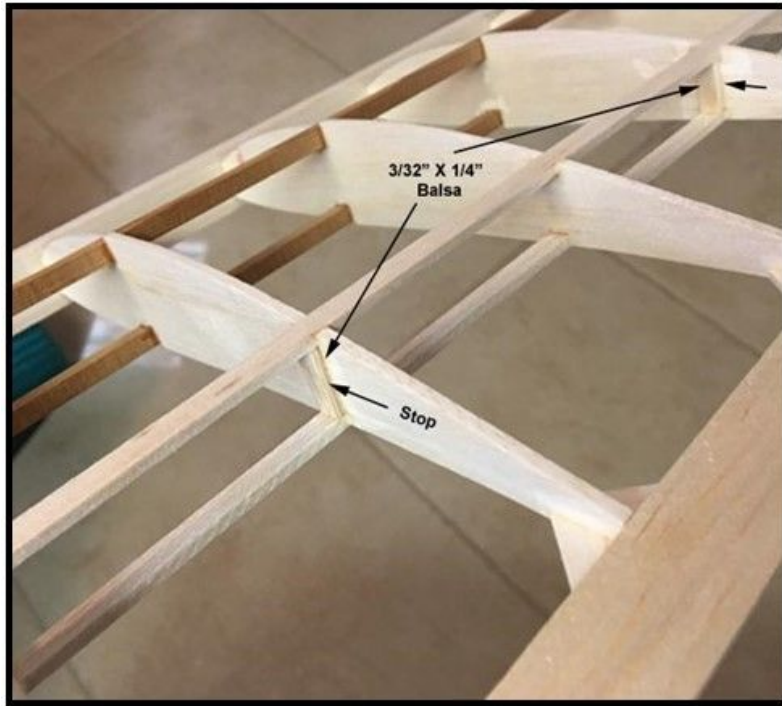


From: "Tandy Walker" <rdb435021@icloud.com>
 To: "Tandy Walker" <rdb435021@icloud.com>
 Date: 1/12/2018 9:27:10 AM
 Subject: 34 Lancer 850 - Right Wing Diagonals

New Cyclone Lancer 850

January 12, 2018

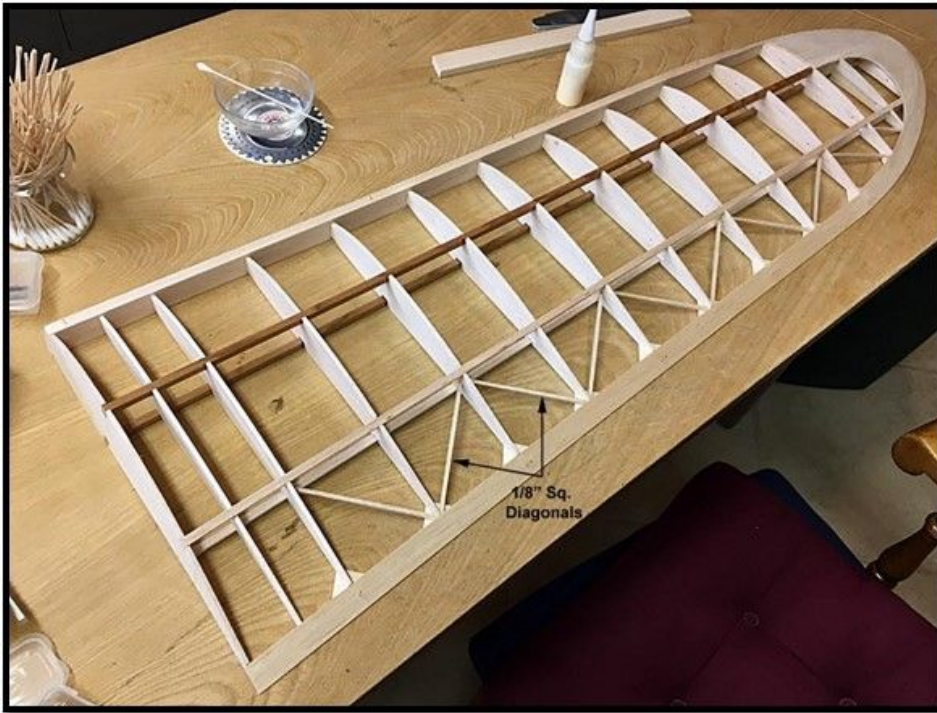
I wanted to put diagonal bracing between the trailing edge and rear spars to stiffen the rear portion of the wing. The first step was to glue in pieces of 3/32" X 1/4" balsa stops between the two rear spars on both sides of every other rib as shown below.



Next each 1/8" square balsa diagonal was cut to length and each end beveled to fit its intersecting joint. The diagonals were put in place, but not glued, with one end (A) resting in the corner of the trailing edge gusset and the other end (B) wedged against the rear spar stop midway between the upper and lower rear spars as shown below.



The leading and trailing edges of the wing panel were tightly pinned down on the flat work table and diagonals were then glued in place as shown below and allowed to dry overnight.



This morning the wing panel was unpinned from the work table and placed vertical on its leading edge. This picture was taken to show you how straight the trailing edge came out with the diagonals glued in place. The addition of the diagonals also made the rear portion of the wing panel much stiffer.....Tandy



