

From: ["Tandy Walker" <rdb435021@icloud.com>](mailto:rdb435021@icloud.com)

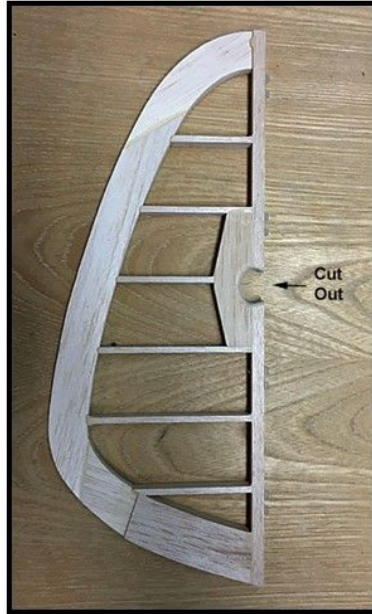
To: ["Tandy Walker" <rdb435021@icloud.com>](mailto:rdb435021@icloud.com)

Date: 4/9/2018 9:06:06 AM

Subject: 109 Lancer 850 - Vertical Tail Construction (Part 4)

Report No. 109
New Cyclone Lancer 850
April 8, 2018

Last evening the leading edge of the rudder was cut out as shown below to permit the elevator's continuous 5/16" X 3/8" leading edge to pass through.



This rudder's cut out is shown below with the empennage completely assembled on the fuselage.



In this close up, the rudder's cut out appears to be too large. However, the cut out has to be large as well as tapered on the sides to provide clearance for all combinations of simultaneous full elevator and rudder deflections.



My good friend (L.A. Johnston) has requested that interim weight measurements be made during the construction of the Lancer project. So this morning the wing was placed on the fuselage and the structure below was weighed.



This close up of the Acculab scale reading shows the structure at this point weighs 637 grams or 22.47 ounces. This represents 35% of the 64 ounce minimum weight requirement target.....Tandy

