

From: "Tandy Walker" <rd435021@icloud.com>

To: "Tandy Walker" <rd435021@icloud.com>

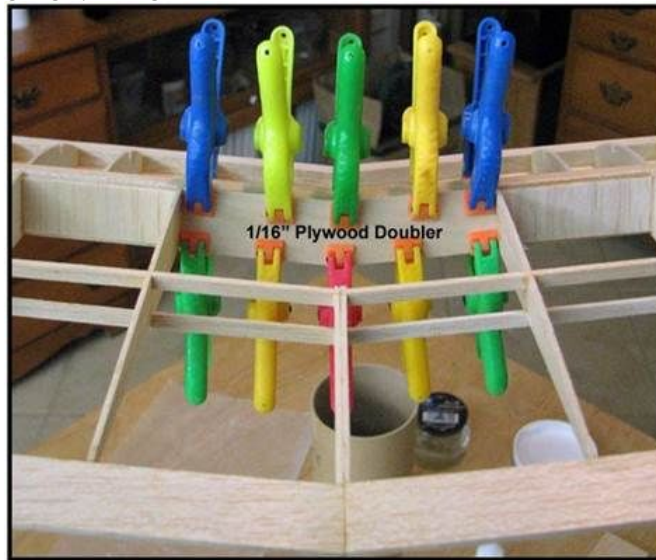
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Subject: 37 Lancer 850 - Leading Edge Planking Concerns

### *New Cyclone Lancer 850*

*January 14, 2018*

Later on when it comes time to join the Lancer's two wing halves to the wing center section, a continuous 1/16" plywood doubler will be clamped and glued on either side of the main spars as well as the back side of the leading edge similar to that shown below on a previous project. The point being that the plywood bracing across the center section must be completed before the leading edge planking can be installed.



The 32 inches of 1/16" leading edge planking can be cut to fit now, but cannot be glued on until after the Lancer's two wing halves have been joined to the wing center section.



After planking the top and bottom of the right wing tip, I am concerned about how to accomplish the bonding of the top and bottom leading edge planking:

1. Aliphatic glue applied on the top edge of the 12 ribs, down the length of the top of the main spar, and along the forward edge of the planking will in all probability start to dry out before I have time to get the top planking positioned in place and firmly pinned down. However, there is the possibility I could use medium CA applied from the underneath side of the top planking since the bottom planking will not be in place yet.

2. Then there is the problem with the bottom planking. Medium CA will be difficult, if not impossible, to apply to the bottom planking since the top planking will limit access to the inside of the bottom planking. CA would have to be applied by reaching in between the two main spar and trying to drip it on the joints! :O(

I have been worrying about this dilemma since yesterday afternoon. What I really need is a glue that will not start to set up for about 10 to 15 minutes. A two-part 45 minute epoxy would work, but it is both heavy and messy to work with. Since I have not been able to resolve this issue in my mind, I sure would appreciate any input or recommendations any of you guys might have to address this problem.....Tandy