

D. REAR SPAR SHEARWEB FORWARD LAMINATION

STEP D-1

8-7 4,0

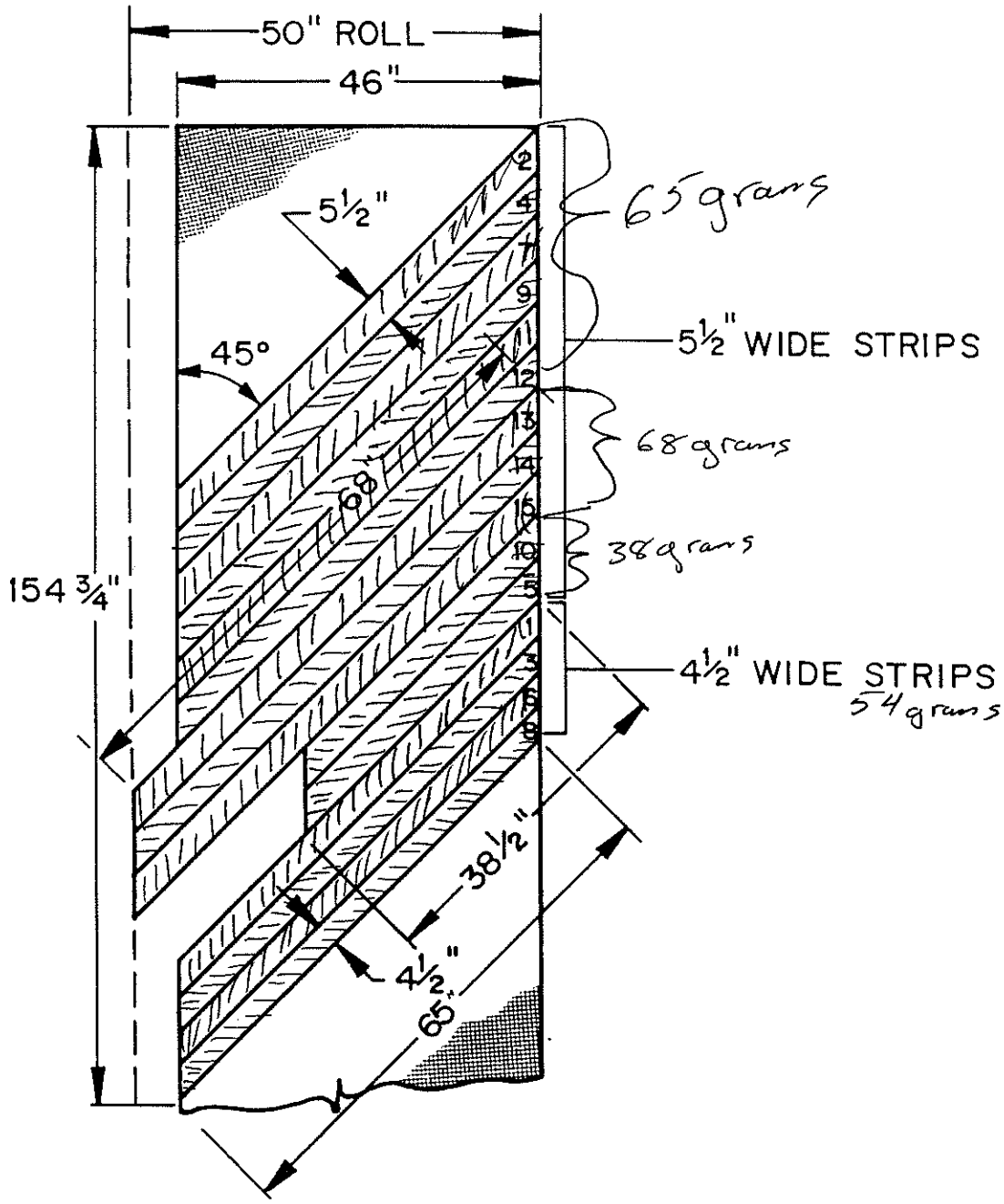


FIGURE (C-13)



MODEL GLASAIR II	ASSEMBLY NAME RG WING ASSEMBLY	REVISION	DATE	VOLUME I	PAGE C-19
---------------------	-----------------------------------	----------	------	-------------	--------------

From 50" wide cloth, cut strips on the 45° bias to the following dimensions, as shown in FIGURE (C-13).

- (6) 5-1/2" x 65"
- (4) 4-1/2" x 65"
- (2) 5-1/2" x 38-1/2"
- (3) 5-1/2" x 68"

**NOTE:** Roll the strips up individually and place a rubber band around each roll. The rolls should then be appropriately numbered with a fine tip felt marker to prevent mixups during lamination.

**STEP D-2**

**NOTE:** At this time, the builder may wish to look ahead to subsection E, on pages C-22 through C-24, and accomplish an initial fit-up of the rear spar shear web. The shear web will be easier to trim before the forward laminates are applied.

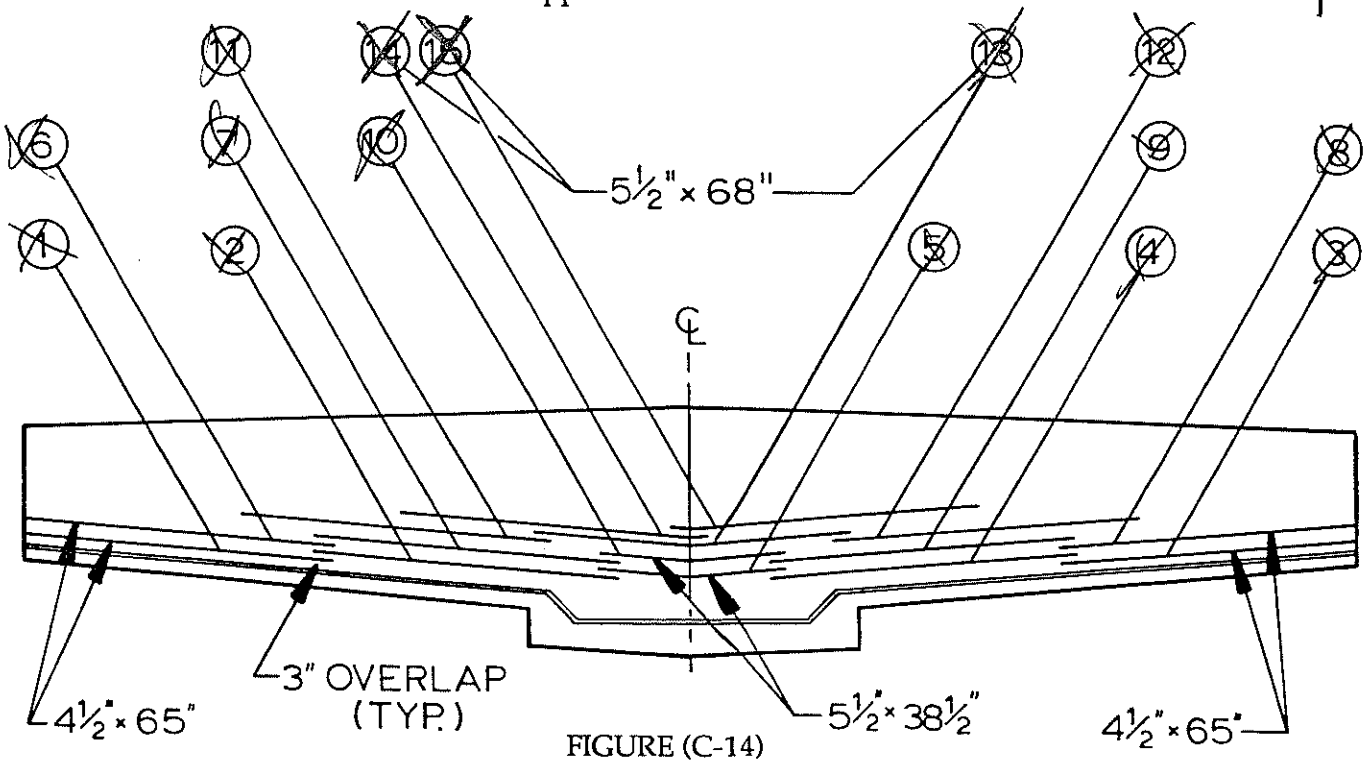



FIGURE (C-14)

First, wet the area to be laminated on the forward side of the shear web. Laminate in the order ①, ②, ③, ④ etc. as shown in FIGURE (C-14). Use standard laminating techniques. Overlap the laminates 3" as shown in FIGURE (C-15). The rear spar web laminates should overlap the lower wing spar cap approximately 1". Refer to FIGURE (C-16) for a cross section of the laminate at the tip.

*8-8 complete up to #11  
6.0  
8-16 completed ALL 1.0*



**STODDARD-HAMILTON**  
AIRCRAFT, INCORPORATED

MODEL GLASAIR II	ASSEMBLY NAME RG WING ASSEMBLY	REVISION F	DATE 10/01/91	VOLUME I	PAGE C-20
---------------------	-----------------------------------	---------------	------------------	-------------	--------------

NOTE: Laminates ①, ③, ⑥, ⑧, use the 4-1/2" x 65" strips. Laminates ⑤ and ⑩ use the 5-1/2" x 38-1/2" strips. Laminates ②, ④, ⑦, ⑨, ⑪, and ⑫ use the 5-1/2" x 65" strips. Laminates ⑬, ⑭, and ⑮ use the 5-1/2" x 68" strips.

Let the laminates cure.

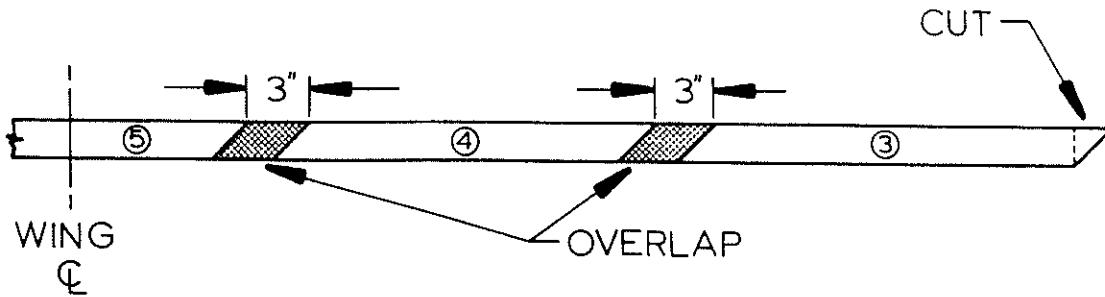


FIGURE (C-15)

COMPLETED [ ]

**STODDARD-HAMILTON**  
AIRCRAFT, INCORPORATED

MODEL GLASAIR II	ASSEMBLY NAME RG WING ASSEMBLY	REVISION	DATE	VOLUME I	PAGE C-21
---------------------	-----------------------------------	----------	------	-------------	--------------