



2244 Airport Way, Redmond, Oregon 97756 Phone 541 923-2233 Fax 541 923-2255

SERVICE BULLETIN

SB025-495

Subject: Lancair IV flap track attachments

Date: 10th April, 1995

Ref: Page 9-30 (rev A10)

Pages: 1

Status: Safety Precaution – installation addition required

During inspection of the flap tracks on our prototype, a slight movement was detected which was traced down to the 12 BID attachment on each side of the track. The base area was showing signs of minor delamination thus an installation construction change is required.

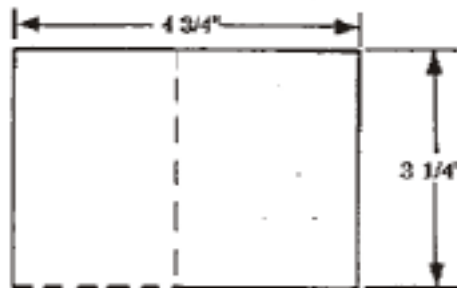
This change is in the form of an additional 10 BID attachment which lays over the original and ties the original to the lower wing skin area (similar that the way the original ties to the upper wing skin area). Below are revisions (rev 10) for the manual which describes this change.

IT IS RECOMMENDED, AS A SAFETY PRECATJTJON, THAT ALL LANCAIR IV MAKE THIS 10 BID INSTALLATION BEFORE FIJTHER FLIGHT.

- B19. Support for the flap tracks is mentioned back in Chapter 7, page 7-27. Notice in Figure 9:B:11 the dimensions for cutting the 10 BID.

10 BID Support Pattern

Figure 9:B:11



- B20. Apply the 10 BID support to each side of the flap tracks on the **right wing only**.

Notice in Eigure 9:B: 12 how the BID ends between the bolt holes. It should extend over half way down that side.

For the **left inboard** flap track, apply 10 BID on the outboard aide only. (The bellcrank is positioned in such away, on the inboard side of the flap track, that it serves as a support.) The bellcrank for the **left outboard** flap track is spaced approximately 1" from the flap track, Apply 10 BID to both sides of this flap track, but trim the BID carefully for the side with the 1" space.

Placement of the 10 BID

Figure 9: B: 12

