

TAKE YOUR CESSNA HOME FOR SERVICE AT THE SIGN OF THE CESSNA SHIELD"

MARKETING DIVISION . CESSNA AIRCRAFT COMPANY WICHITA, KANSAS 67201 . CABLE ADDRESS / CESSCO WICHITA

December 21, 1973

SE73-40

SUBJECT: VERTICAL FIN ATTACHMENT IMPROVEMENT

AIRCRAFT AFFECTED: Model 177, 177RG and F177RG's in the following serial blocks:

17700001 thru 17701908 177RG0001 thru 177RG0350 F177RG0001 thru F177RG0083 and F177RG0091

## REASON FOR LETTER:

An improved vertical fin forward attachment bulkhead (P/N 1712104-11), which incorporates a stiffner in the area shown in Figure 1, has been phased into production on Cardinal and Cardinal RG series aircraft.

# ACTION REQUIRED:

It is important that a careful inspection of the forward attachment bulkhead on affected in-service aircraft be accomplished within the next 100 hours of operation and at each periodic inspection thereafter as shown in Figure 1.

Cracking around the vertical fin attachment bolt holes will require that bulk-head assembly be replaced with the improved configuration bulkhead by installing the applicable Service Kit as shown below.

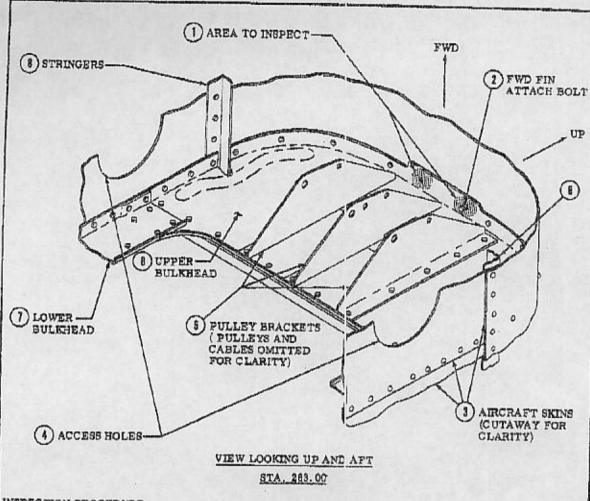
## PARTS INFORMATION:

Service Kits SK177-28 and SK177-29 are available through the Cessna Dealer Organization at the prices shown be ow.

Service Kit	Aircrait Affected	List Price
SK177-28	17700001 thru 17701908 177RG0001 thru 177RG0282 F177RG0001 thru F177RG0062	\$ 10.30 (S)
SK177-29	F177RG0283 thru 177RG0350 F177RG0063 thru F177RG0083 and F177RG0091	\$ 15.80 (S)

(Owner Notification System - No. 1)

THE CESSNA AIRCRAFT COMPANY



## INSPECTION PROCEDURE.

- REMOVE DORSAL FIN BY REMOVING ATTACHING SCREWII.
- 2. REMOVE FORWARD ACCESS COVERS FROM HOLES (4).
- 3. REMOVE NUTS AND WASHERS FROM BOLTS (2). MOVE BOLTS UP SO THAT LOWER SURFACE OF BULKHEAD FLANGE (6) AROUND FIN ATTACH HOLES CAN BE INSPECTED.
- 4. USING AN INSPECTION MIRROR AND LIGHT, CLOSELY INSPECT SHADED AREAS (1) FOR CRACKS.
- 5. IF CRACK IS FOUND ONE OF THE FOLLOWING SERVICE KITS WILL BE REQUIRED IN ACCORDANCE WITH AIRCRAFT SERIAL NOTED.

KIT NUMBER

SERIALS AFFECTED

SK177-28

17700001 THRU 17701908 177RG0001 THRU 177RG0282 F177RG)001 THRU F177RG0062

SK177-29

177RGX 63 THRU 177RG0350 F177RG )063 THRU F177RG0083 & F177RG0091

Figure 1. Vertical Fin Attachment Bulkhead Inspection.