

ENGINEERING BULLETIN No. 21

August 29, 1944

Subject: Reinforcement of Rudder horn on Luscombe Model 8 series airplane

Aircraft Affected: All Luscombe Model 8 series up to and including No. 920

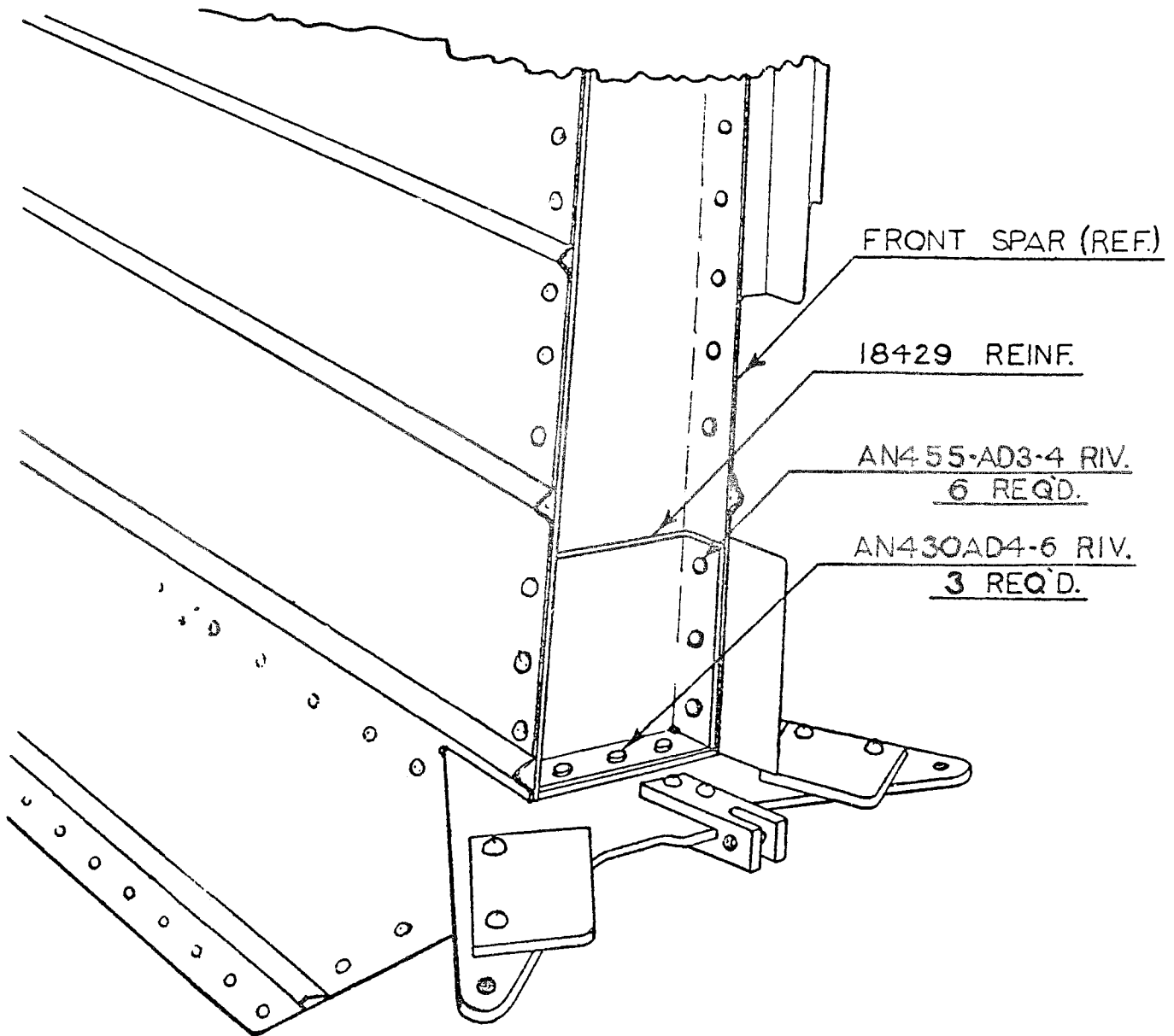
A recent minor accident involving one of the above early serial numbered aircraft during the takeoff run resulted when the rudder broke loose from the rudder horn.

As a precautionary measure to prevent further failures at this point on these serial numbers it is suggested that you reinforce the horn with part 18429 as shown in sketch. All serial numbers above 920 had this reinforcement installed before leaving the factory.

The necessary reinforcement plate and rivets may be obtained for \$.50 net. In ordering please refer to Engineering Bulletin No. 21.

A record of the change should be entered in the airplane log book.

In case you have sold your airplane please forward this bulletin to the new owner.



INSTALLATION PROCEDURE

1. Remove Rudder from airplane
2. Drill out the nine rivets
3. Clamp fitting 18429 in place as shown
4. Drill six holes No. 40 and three holes No. 30 thru 18429 using old rivet holes as guides
5. Remove fitting and clean away all burrs
6. Replace fitting and rivet in place