

E: April 30, 1970

TO: Owners and Operators of Yankee Aircraft

SUBJECT: Wing Tip Stiffener Inspection

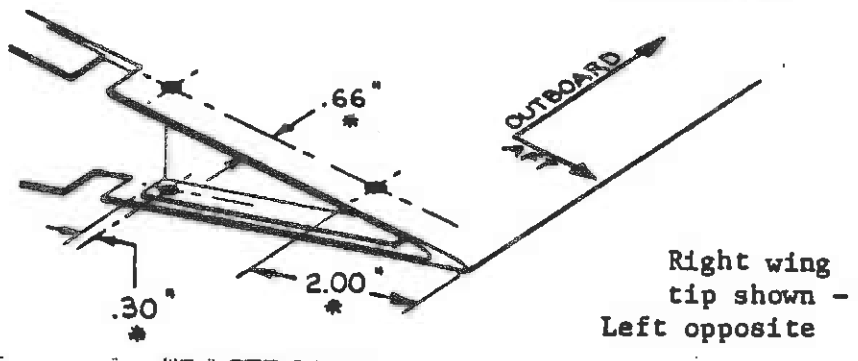
MODELS AFFECTED: AAL-0001 through AAL-0440

TIME OF COMPLIANCE: At each scheduled inspection unless modified in accordance with Item 2 of this Service Letter.

Field reports indicate that on certain aircraft the aluminum stiffening rib located inside of the aft inboard edge of the wing tip may be subject to delamination from the inside of the wing tip. To insure the integrity of the stiffening rib, it is recommended that the attachment of the stiffening rib to the wing tip be inspected for delamination on Aircraft AAL-0001 through AAL-0440 at each scheduled inspection unless the aircraft has been modified in accordance with Item 2 below.

1. If delamination has taken place, the rib must be resecured to the inner surface of the wing tip with at least two layers of 10 oz. glass cloth and epoxy resin.
2. To eliminate possible future delamination of the stiffening rib to the wing tip joint caused by wing tip flexing, it is recommended that three (3) flush rivets be installed in each wing tip as shown below.

Drill .136/.139 inch diameter hole, countersink 100° X .205 inch diameter. Install Avex "pop" rivet #1604-0412 or equivalent three places each wing tip.



**\*NOTE:** Approximate dimensions only. Use existing holes in stiffening rib as guide for locating holes.

Aircraft Serial No. AAL-0440 and up have rivets installed per Item 2 above at the factory and are not affected by this Service Letter. Certain aircraft below Serial No. AAL-0440 may have rivets installed per Item 2 above in either or both wing tips at the factory. If inspection reveals rivets in this location, no further inspection or modification is required.

Since this inspection and modification is a design improvement rather than a mandatory modification, no labor allowance will be available and no warranty claims will be honored for work performed in accordance with this Service Letter No. 70-6.

Very truly yours,

AMERICAN AVIATION CORPORATION

*Paul H. Seibert*  
Paul H. Seibert