



SERVICE BULLETIN

No. 199A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

April 3, 1961 M

F. A. A. APPROVED

(Supersedes and voids Service
Bulletin No. 199 dated March 9, 1961)

SUBJECT: Reinforcement of Stabilator Trim Tab Horns

MODELS AFFECTED: PA-23-250 Aztecs - Serial Nos. 27-2 to 27-5 incl., 27-7 to 27-48 incl., 27-50 to 27-107 incl., 27-109 to 27-133 incl., 27-135 to 27-291 incl., 27-293 to 27-345 incl., 27-347 to 27-366 incl., 27-368 to 27-372 incl., 27-375 to 27-380 incl., 27-382 to 27-392 incl., 27-394 to 27-396 incl., 27-398, 27-400 to 27-402 incl., 27-404 to 27-408 incl., 27-410, 27-412, 27-413, 27-415, 27-417 to 27-420 incl. and 27-432.

COMPLIANCE DATE: Prior to but not later than next 100 hour inspection

NOTE: Daily inspection must be made until compliance with this bulletin is accomplished.

Field service reports indicate that cracks have been observed in the stabilator trim tab horns of the aircraft indicated by the above serial numbers (part numbers 16810-00 and 16810-01).

Kit No. 754 393, consisting of two reinforcing plates for the stabilator trim tab horns, explosive rivets, etc. will be furnished to comply with this bulletin. A compliance card is included in each kit. This card must be signed and returned to the factory, indicating date of compliance.

It is requested that, prior to the installation of this kit, the stabilator trim tab horns be inspected visually for indication of cracks. If the horn, or horns, is found to be cracked, it must be replaced before modification. Please refer to attached Sketches "A" and "B" for detailed instructions. Note locations where the use of explosive rivets is approved.

DISTRIBUTOR'S NOTE:

Distributors should order a sufficient quantity of Kit Number 754 393 to comply with this bulletin. Credit for the kit and warranty labor will be approved as follows:

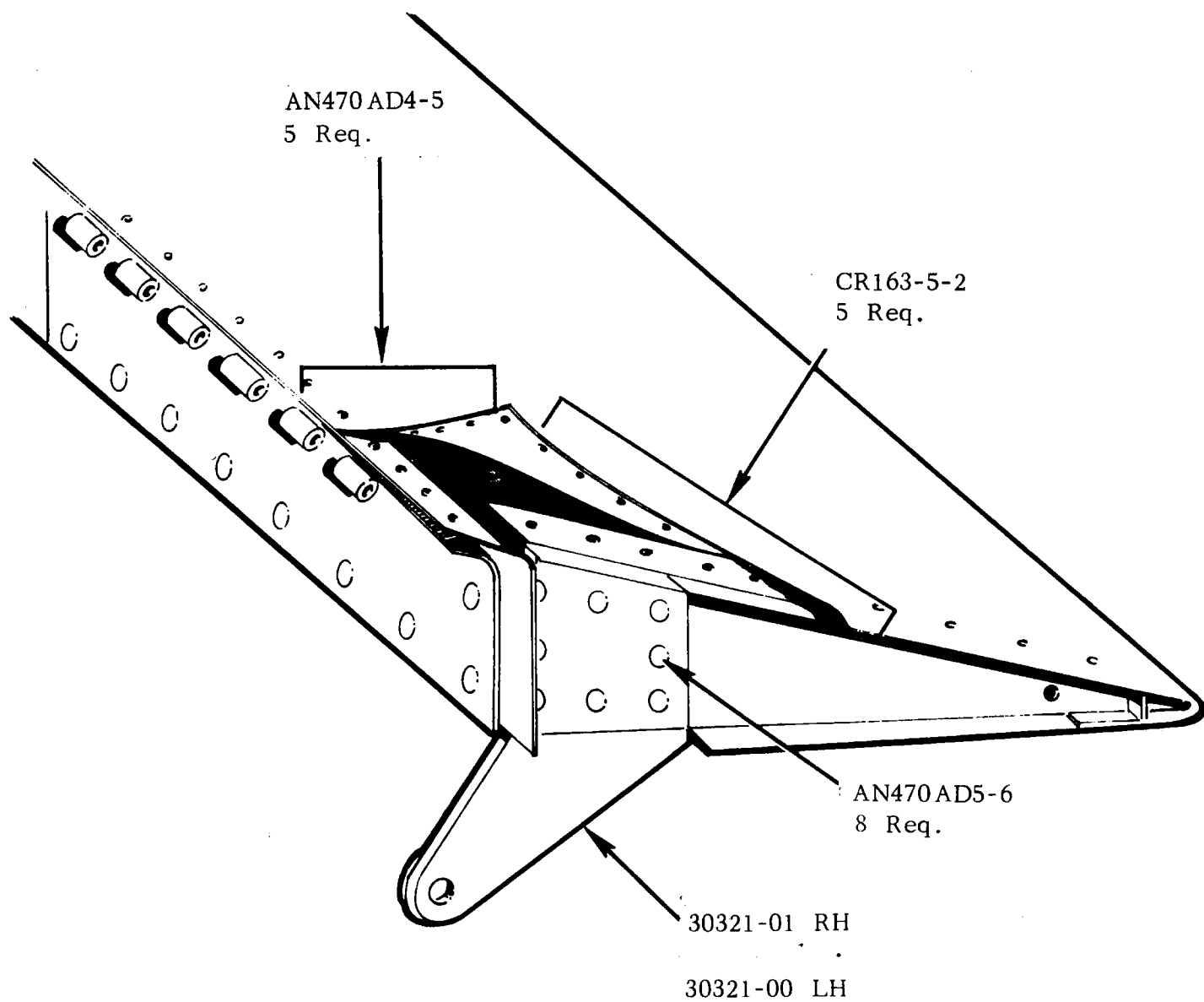
1. Submit a Warranty and Credit Claim in the usual manner.
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2. If replacement of the stabilator trim tab horn, or horns, is required in addition to the installation of the kit, credit will be issued for the stabilator trim tab horns, the kit and four (4) hours of warranty labor.
3. If installation of the kit only is required, credit will be issued for the kit and two (2) hours of warranty labor.
4. Existing stocks of stabilator trim tab horns, part number 16810-00 and 16810-01, must be returned to the Service Spares Department. The reinforced tab horn, part numbers 30321-00 left hand and 30321-01 right hand, should be used in all cases. Appropriate revisions to stock records should be made.
5. Existing stocks of stabilator tab assemblies, part numbers 16801-00 and 16801-01 must be modified per this bulletin or returned to the Service Spares Department. If modified in the field, they are to be returned to stock after modification under part numbers 30325-00 left hand and 30325-01 right hand. Appropriate revisions to stock records should be made.

NOTE: In the event the assemblies are modified in the field, a labor allowance of \$2.00 per assembly will be made.

(See Sketches "A" and "B")

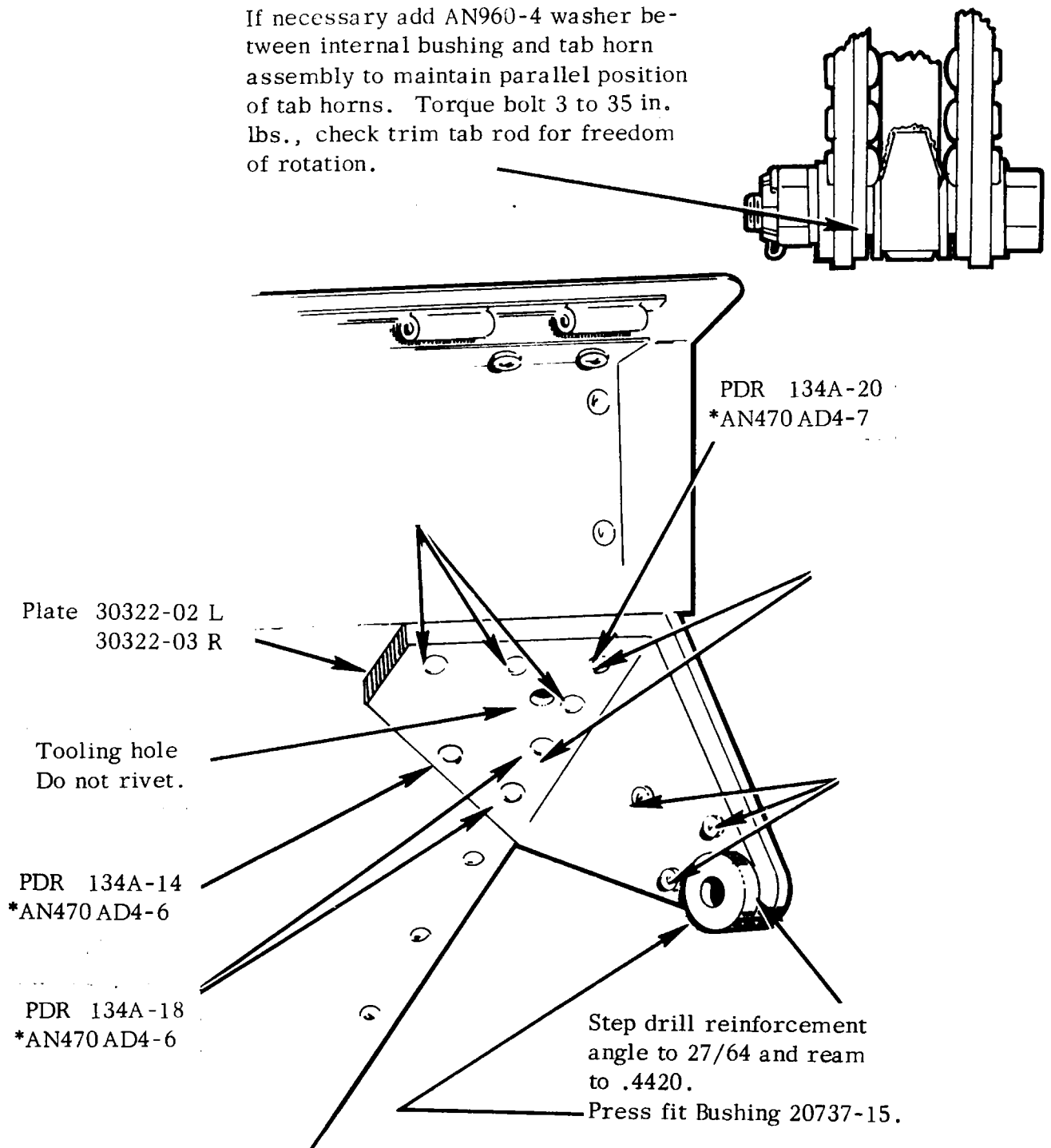


REPLACEMENT OF TAB HORN

Sketch "A"

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If necessary add AN960-4 washer between internal bushing and tab horn assembly to maintain parallel position of tab horns. Torque bolt 3 to 35 in. lbs., check trim tab rod for freedom of rotation.



Sketch "B"

REINFORCEMENT OF TAB HORN

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