



SERVICE BULLETIN

No. 411A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

April 10, 1974 S/M

(This supersedes and voids Service Bulletin No. 411, dated March 1, 1974)

Subject:

Stabilator Torque Tube Bearing Block Attachment Fitting
Rivet Replacement

Reason for Revision:

Extension of coverage to include PA-39 Twin Comanche C/R aircraft (see Models Affected and Serial Numbers Affected, below).

Models Affected:

PA-24-180, PA-24-250
and PA-24-260 Comanche
PA-24-400 Comanche
PA-30 Twin Comanche
PA-39 Twin Comanche C/R

Serial Numbers Affected:

24-1 to 24-5047 incl.
26-2 to 26-148 incl.
30-1 to 30-2000 incl.
39-1 to 39-155 incl.

Compliance Time:

At the next 100-hour inspection or annual inspection, whichever occurs first, not to exceed the next 100 hours of operation.

Purpose:

Information has been received by the factory describing movement and/or noise in the area where the stabilator assembly joins the fuselage. It has been determined that the above described condition may have been caused by one of the following (refer to attached sketch for a pictorial description of the affected areas):

1. Stabilator torque tube bearings not firmly seated in the stabilator torque tube bearing blocks.
2. The holes in the stabilator torque tube bearing upper and lower fittings may be enlarged.

This service release provides information to inspect the above referenced aircraft for stabilator movement and/or noise.

Instructions:

1. Grasp the stabilator tip and exert a fore and aft force and then an up and down force.

(over)

Instructions: (continued)

2. Simultaneously (with Step 1, above), have another person check closely for movement and/or noise in the area described in Purpose, above (the attached sketch illustrates a recommended method of detecting movement in the stabilator torque tube bearing fittings area).
3. If there are no indications of movement and/or noise, no further action is required (other than log book entry).
4. If there is movement and/or noise in the area described in Purpose, above, immediately contact the Customer Services Department, Piper Aircraft Corporation, Lock Haven, Pennsylvania 17745.

Material Required:

Not applicable.

Availability of Parts:

Not applicable.

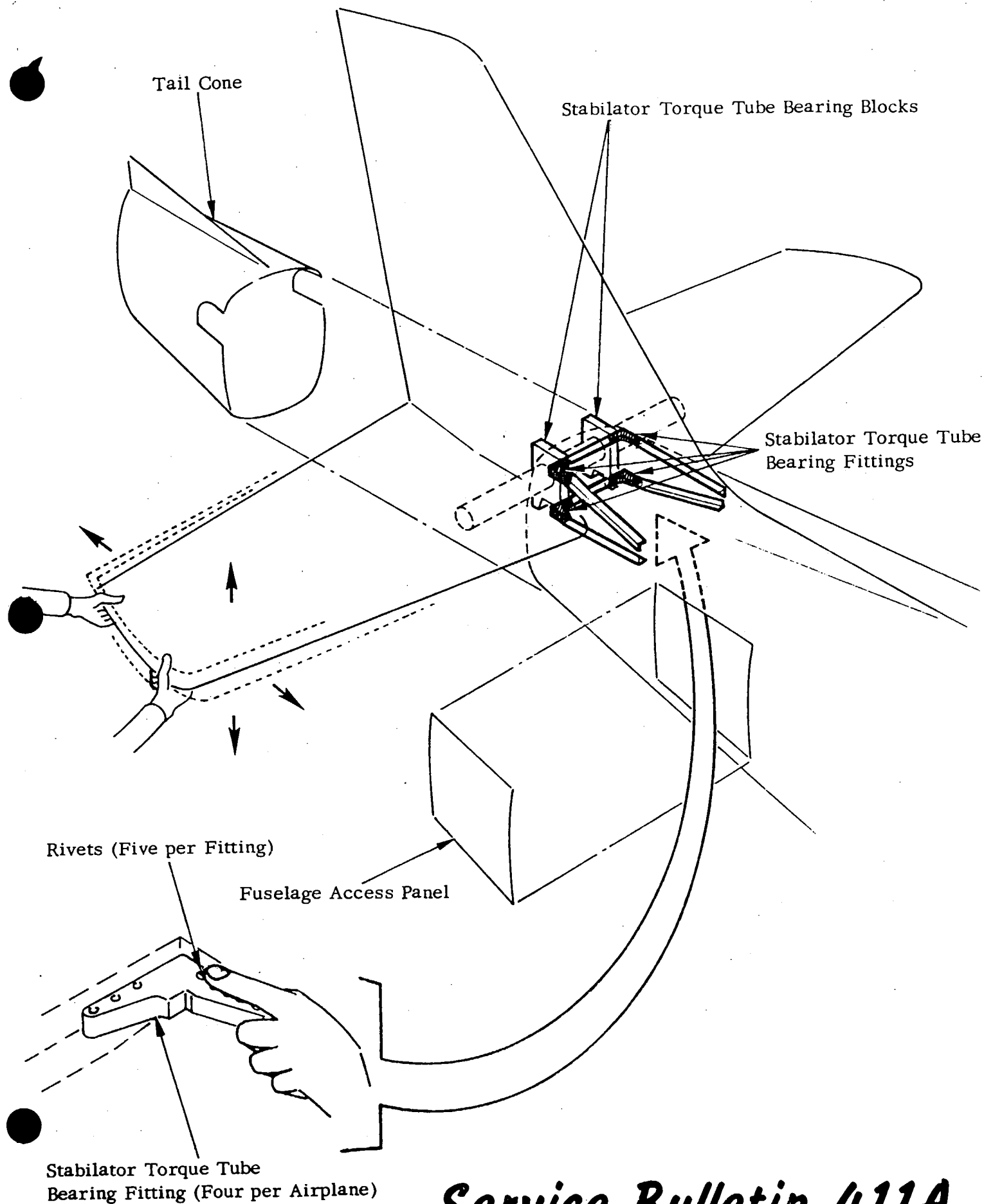
Effectivity Date:

This Service Bulletin is effective April 20, 1974.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the provisions of Compliance Time, above.

A Service Publication Compliance Form is enclosed with each copy of this service release being mailed to affected owners of record; this form is to be filled out according to the instructions on the form reverse side and left with the Piper Field Service Facility performing the modification.



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