



A LEAR SIEGLER COMPANY

Piper Aircraft Corporation

Vero Beach, Florida, U.S.A.

# SERVICE *No. 856* BULLETIN

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\* **PIPER CONSIDERS** \*  
\* **COMPLIANCE MANDATORY** \*  
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FAA Approved

Date February 17, 1987

S/M

**SUBJECT:**

Stabilator Attach Fitting  
Corrosion Inspection

**MODELS AFFECTED:**

PA-28-140 Cherokee  
PA-28-150/160/180 Cherokee  
PA-28-151 Warrior  
PA-28-161 Warrior II  
  
PA-28R-180 Arrow  
PA-28-181 Archer II  
  
PA-28R-200 Arrow/Arrow II  
PA-28R-201 Arrow III  
PA-28-201T Turbo Dakota  
PA-28R-201T Turbo Arrow III  
PA-28-235 Cherokee  
PA-28-236 Dakota  
  
PA-32-260 Cherokee Six  
PA-32-300 Cherokee Six 300  
PA-32R-300 Lance  
PA-32-301 Saratoga  
  
PA-32-301T Turbo Saratoga  
PA-32R-301 Saratoga SP  
  
PA-32R-301T Turbo Saratoga SP  
  
PA-34-200 Seneca  
PA-34-200T Seneca II  
PA-34-220T Seneca III

**SERIAL NUMBERS AFFECTED:**

28-20001 through 28-7725290  
28-01 through 28-7505259 and 28-E13  
28-7415001 through 28-7715314  
28-7716001 through 28-8616057,  
2816001 and Up  
28R-30001 through 28R-7130013  
28-7690001 through 28-8690056,  
28-8690061, 28-8690062, 2890001 and Up  
28R-35001 through 28R-7635545  
28R-7737001 through 28R-7837319  
28-7921001 through 28-7921095  
28R-7703001 through 28R-7803374  
28-10001 through 28-7710089 and 28-E11  
28-7911001 through 28-8611008,  
2811001 and Up  
32-01 through 32-7800008  
32-40001 through 32-7940290  
32R-7680001 through 32R-7880068  
32-8006001 through 32-8606023,  
3206001 and Up  
32-8024001 through 32-8424002  
32R-8013001 through 32R-8613005,  
3213001 and Up  
32R-8029001 through 32R-8629006,  
3229001 and Up  
34-7250001 through 34-7450220  
34-7570001 through 34-8170092  
34-8133001 through 34-8633021,  
34-8633023 through 34-8633031,  
3433001 and Up

**COMPLIANCE TIME:**

At the next annual inspection event, and at each subsequent annual inspection event thereafter.

(over)  
ATA: 5550

COMPLIANCE TIME: (Cont'd)

NOTE: Aircraft having completed the first annual inspection event prior to the date of this Service Bulletin must comply with this Service Bulletin at the next annual inspection event, but not to exceed fifty (50) hours of operation, and at each subsequent annual inspection event thereafter.

PURPOSE: Reports have been received which indicate that inspections of the stabilator attachments called for by the maintenance manual periodic inspection reports have not been properly conducted, resulting in the presence of excessive rust and corrosion between the steel attach fittings and adjacent fuselage structure.

If these conditions exist and are left uncorrected, the structural integrity of the stabilator attach fittings will be compromised.

Reference: F.A.A. Advisory Circular AC43.13-1A Acceptable Methods, Techniques and Practices - Aircraft Inspection and Repair.

INSTRUCTIONS:

1. Remove upper and lower tailcone fairing assembly.
2. Remove the aft fuselage closeout plate assembly on the applicable models.
3. Inspect the steel attach fittings (4 places) for the stabilator and adjacent fuselage structure for the presence of rust and/or corrosion. See Sketch "A" attached.
4. If rust and/or corrosion is present, repair or replace as required, and add corrosion protection per AC43.13-1A.
5. Reinstall aft fuselage closeout plate assembly. (Verify integrity of rubber seals; replace if required)
6. Reinstall upper and lower tailcone fairing assembly.
7. Make the appropriate logbook entry of compliance with this Service Bulletin.

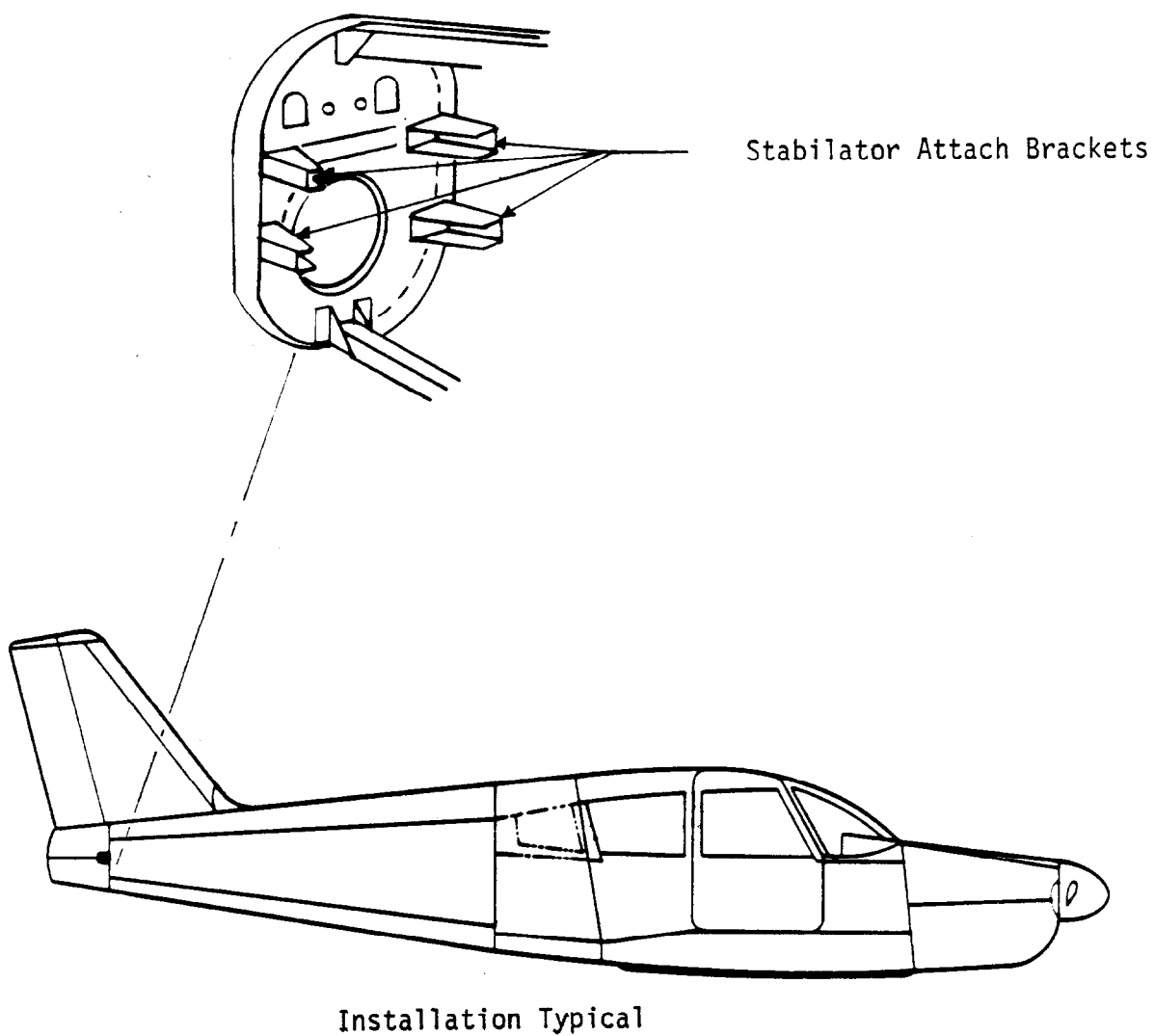
MATERIAL REQUIRED: To be determined by inspection.

AVAILABILITY OF PARTS: Your Piper Field Service Facility and/or shop stock.

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

SUMMARY: Please contact your Piper Field Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the Compliance Time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator.



SKETCH "A"