



Piper Aircraft Corporation  
Vero Beach, Florida, U.S.A.

# SERVICE No. 933A BULLETIN

\*\*\*\*\*  
\* PIPER CONSIDERS \*  
\* COMPLIANCE MANDATORY \*  
\*\*\*\*\*

Date February 20, 1990 S

(Service Bulletin No. 933A supersedes and voids Service Bulletin No. 933, dated January 23, 1990.)

REASON FOR REVISION: To Revise The Purpose

SUBJECT: Trunnion Replacement

MODELS AFFECTED: SERIAL NUMBERS AFFECTED:

PA 28R-201 Arrow III	2837020 through 2837024, 2837032, 2837038 through 2837041, 2837044 and 2837046 through 2837049
PA 28R-201T Turbo Arrow III	2803001 through 2803006
PA 32R-301 Saratoga SP	3213022 through 3213031, 3213033 and 3213035

COMPLIANCE TIME: Before next Flight

PURPOSE: Piper has learned that a certain quantity of nose gear castings installed on 1989 model aircraft as affected above may have cold shuts. These suspect castings may develop cracks in very short periods of operation. Should cracks develop and progress, the aircraft nose gear may collapse.

This Service Bulletin requires an inspection of the suspect nose gear trunnions, and if required, replacement prior to further flight.

APPROVAL: The technical contents of this Service Bulletin have been approved by the F.A.A.

INSTRUCTIONS:

1. Locate serial number etched on the nose gear trunnion. (See Sketch "A") This is located on the front of the trunnion on the left web as you look aft.

(OVER)  
ATA: 3222

INSTRUCTIONS CONT'D:

2. If the serial number falls between 15200 through 15313, the trunnion must be removed from service. Replace with Nose Gear Trunnion, Piper Part Number 67054-003 with serial number not in the effected range.
3. If the nose gear trunnion requires replacement, place aircraft on jacks and refer to the appropriate Service Manual for instructions and procedures for removal and reinstallation.
4. Following the nose gear trunnion replacement, perform gear retraction cycle check per appropriate chapter of the Maintenance Manual. Upon successful completion, remove aircraft from jacks.
5. Make an appropriate logbook entry of compliance with this Service Bulletin.

MATERIAL REQUIRED: One (1) each, Nose Gear Trunnion, Piper Part Number 67054-003, per aircraft.

AVAILABILITY OF PARTS: Your Piper Field Service Facility

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

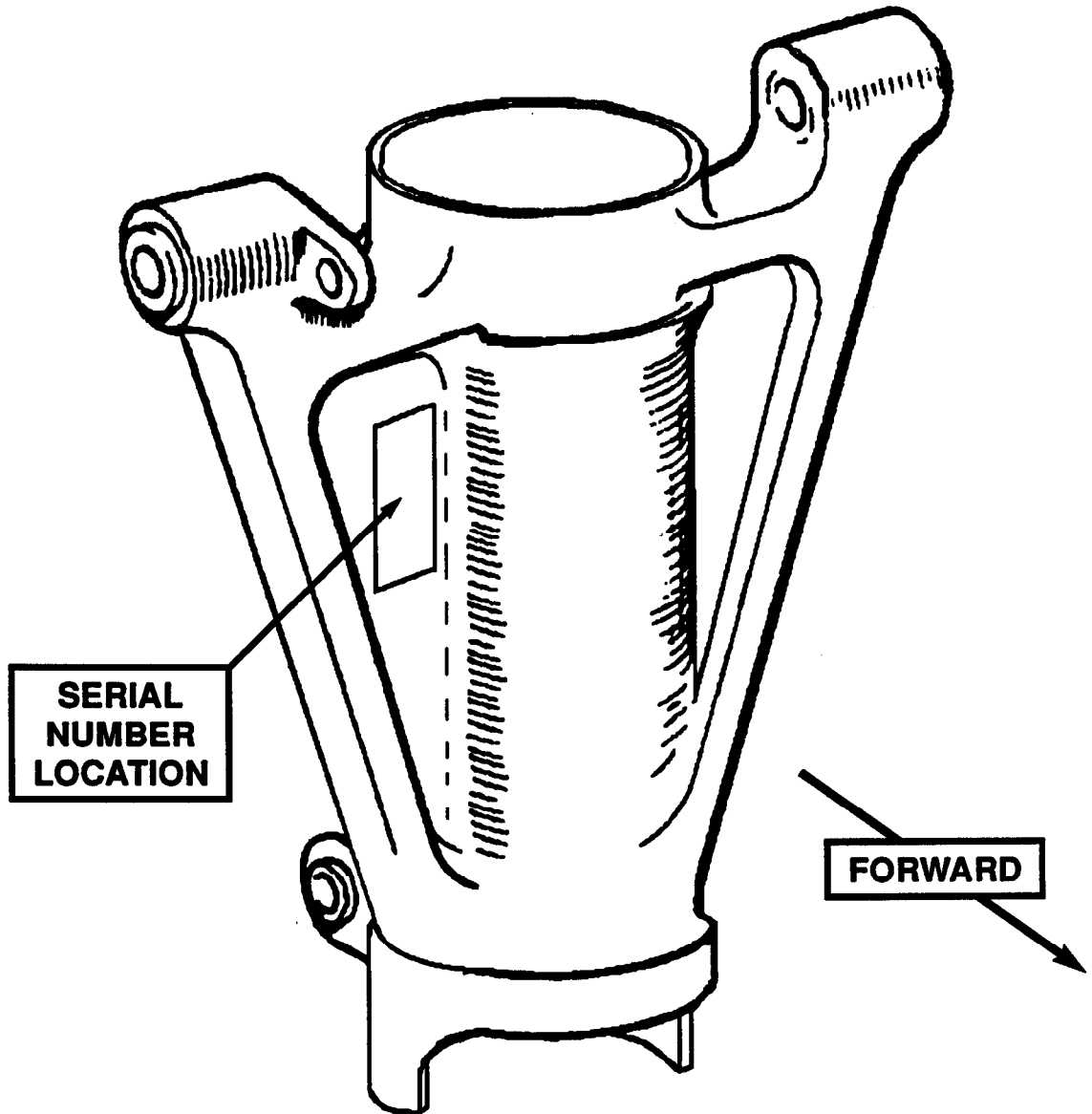
SUMMARY: Any applicable Factory Participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Bulletin.

Please contact your Factory Authorized Piper Field Service Facility to make arrangements for compliance with this Service Bulletin, in accordance with the Compliance time indicated, and to obtain information concerning any applicable Factory Participation.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present Owner/Operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/Changes should be directed to:

Piper Aircraft Corporation  
Attn: Customer Services  
P.O. Box 1328  
Vero Beach, Florida 32961-1328



SKETCH "A"