

SERVICE



LETTER

Service Letter No. 175

August 1, 1951

TO: All Distributors

SUBJECT: Nose Wheel Bumper Block Spacer Plate - Model PA-22

MODELS AFFECTED: PA-22 Serial Numbers 22-2 to 22-199 inclusive

The function of the nose wheel rubber bumper block on the PA-22 is to prevent the oleo from becoming fully extended, creating a loud metallic thump when full extension occurs during taxiing, take-off, or landing, particularly on rough airports.

On all PA-22's from Serial Number 22-2 to 22-199 inclusive, the bumper block mounting plate (on the lower nose wheel torque link assembly) should be reinforced, and the bumper block should be spaced forward, by the installation of a 1/8" plate between the bumper block bracket assembly and its mounting plate. The installation of this spacer plate will in most cases completely eliminate any thumping which the nose wheel now makes at full extension.

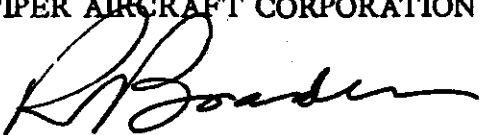
The spacer plate takes only a few minutes to install and requires no parts other than the plate itself. To install the plate: (1) Remove the rubber block from its bracket; (2) remove the bolt which attaches the bracket to its mounting plate; (3) insert the spacer plate between the bracket and the mounting plate and reassemble.

While this installation is not mandatory, it is strongly recommended to eliminate any undesirable noise in the operation of the nose wheel. Although the noise may not show up in flights from paved surfaces, it usually becomes apparent immediately in unpaved field operation.

It will not be necessary to submit a Warranty Claim Form when requesting these plates. Advise the Service Department by letter the quantity required and they will be mailed immediately.

Very truly yours,

PIPER AIRCRAFT CORPORATION


Rolland Boardman
Service Manager

RB:lh

PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.