

# SERVICE



# LETTER

Service Letter No. 180

September 20, 1951

To: Distributors, Dealers and Owners

Subject: Nose Wheel Mount Stiffner Brace - Model PA-22

Serial Numbers Affected: 22-1, 22-2, 22-4, 22-5, 22-7 to 22-248 inclusive, 22-250 to 22-255 inclusive, 22-257 to 22-260 inclusive, 22-262, 22-265, 22-266, 22-269 to 22-277 inclusive, 22-279, 22-280, 22-283 to 22-285 inclusive, 22-287, 22-289, 22-290, 22-292 to 22-294 inclusive, 22-296, 22-299, 22-309 and 22-318.

We are shipping to the Distributor a nose wheel mount assembly stiffner brace kit, Number 752 227, for installation on each PA-22 Airplane which has been delivered this year. The operation of many hundreds of Tri-Pacers this year has proven the strength of the nose wheel mount, but recently several reports of cracked tubing have come to our attention. The nose wheel mount is constructed from 4130 steel tubing and an extensive study by our Engineering and Research Staff indicates that the continual flexing of the mount during high speed take-off and landings could cause the 4130 steel to crystalize. The brace assembly which we are sending will stiffen the tubes of the nose wheel mount and prevent excessive flexing.

Each Owner should take his airplane to the Distributor for immediate installation of the stiffner brace kit. If it is more convenient to have the Dealer make the installation, the Kit will be forwarded promptly to the Dealer, upon request.

The Factory will credit the Distributor or Dealers account with one (1) hour labor, at \$2.25 per hour, for each installation made. This credit will be issued only upon the receipt of a regular Warranty Claim Form for each installation made.

Very truly yours,

PIPER AIRCRAFT CORPORATION

Rolland Boardman  
Service Manager

RB:lh

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