

IMMEDIATE ACTION

SERVICE



BULLETIN

NUMBER: 149

December 10, 1956

SUBJECT: Reinforcement of Aileron Balance Weight Bracket

MODELS AFFECTED: PA-23 - Serials 23-1 to 23-731 inclusive; 23-733; 23-734; 23-735; 23-737; 23-738; 23-742 to 23-768 inclusive; 23-770 to 23-776 inclusive; 23-778 to 23-783 inclusive; 23-785; 23-786; 23-788 to 23-793 inclusive; 23-795; 23-796; 23-798 and 23-800

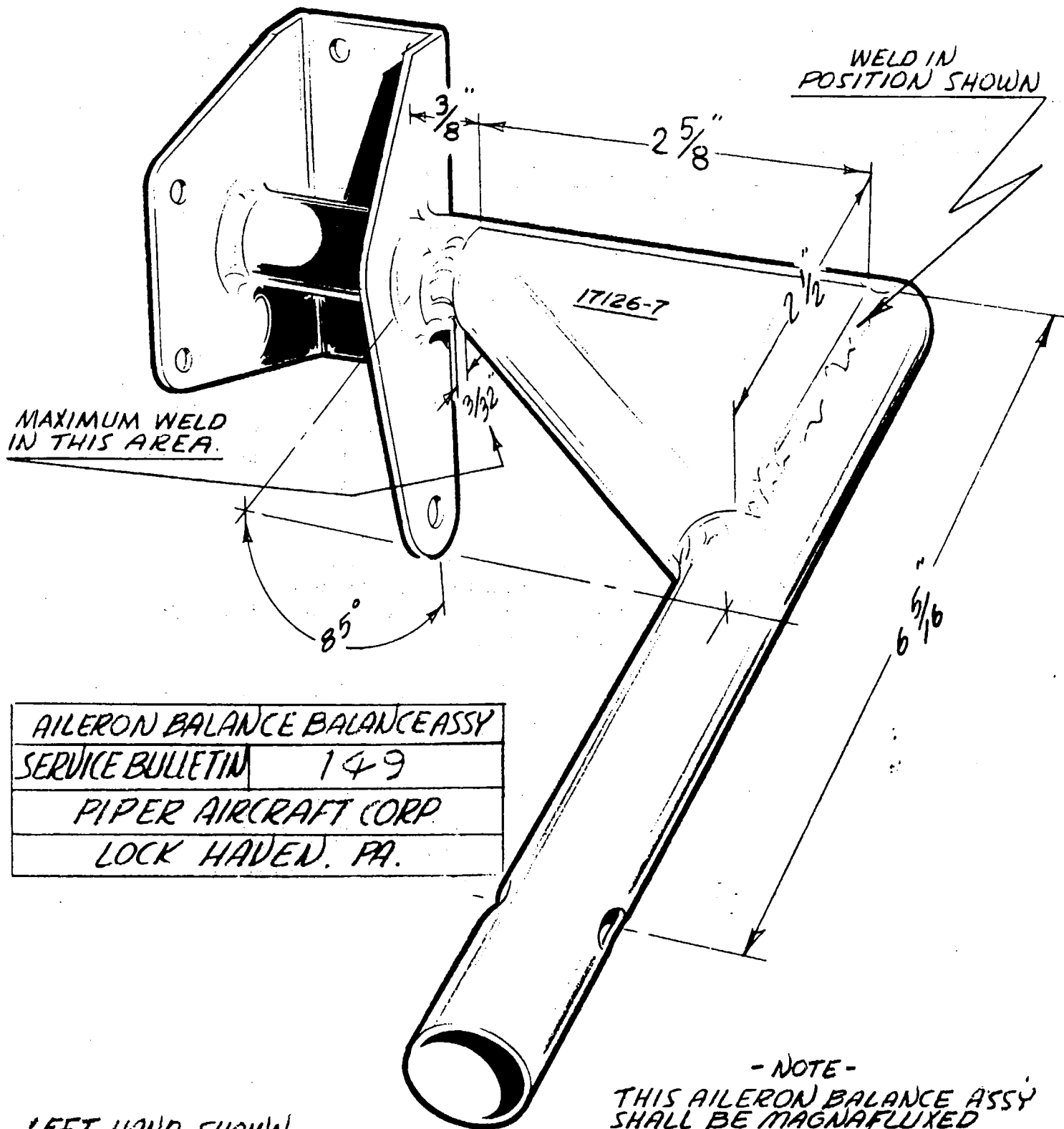
Several cases of fatigue cracking in the aileron balance weight bracket at a point where the bracket tubes are welded to form a 90° angle have been reported. Therefore, on the above listed aircraft it will be necessary to remove both the right and left aileron balance weight brackets and reinforce them in accordance with the Sketch shown on the reverse side of this Bulletin.

In cases where cracks are found, they are to be cleaned of paint and rewelded prior to the addition of the reinforcement. After the reinforcement gusset has been welded to the aileron balance bracket, the bracket is to be magnafluxed for welding cracks and thoroughly checked for straightness.

Further, it is requested that prior to the installation of the reinforcement bracket an inspection should be made of the fit between the balance weight itself and the balance weight bracket and any looseness at this point corrected.

Reinforcement gussets No. 17126-07 to accomplish this modification are available through your nearest Piper Distributor or Dealer on a "No Charge" basis. This modification shall be accomplished no later than January 31, 1957, and four hours warranty labor will be allowed upon receipt of a duly executed Warranty Claim form through your Distributor.

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



LEFT HAND SHOWN
RIGHT HAND OPPOSITE

- NOTE -
THIS AILERON BALANCE ASSY
SHALL BE MAGNAFLUXED
AFTER WELDING.