

SERVICE



LETTER

Service Letter No. 210

August 24, 1953

To: All Distributors, Dealers and Owners

Subject: PA-18A Agricultural Airplane

We have been hearing varied reports from the field relative to the general operation of the PA-18A Agricultural Airplane and we are rather concerned about a few of the operational conditions which exist.

We would like to caution all operators of PA-18A Aircraft on the following points:

1. Overload or Maximum Load Conditions on Rough Terrain

Fast taxiing or taking off with the tail bouncing over the rough ground will cause severe load conditions in the tail end of the fuselage and it may result in the cracking of the fuselage tube structure.

2. Unbalanced Fans

Unbalanced pump and agitator fans will cause excessive tail vibration which in turn will break the tail wire fittings and may in some cases cause longeron fatigue.

3. "Part 8" Gross Load Landings

Continual severe "Part 8" gross load landings may cause longeron fatigue and ultimate failure.

We would like to bring to your attention again that, although the PA-18A is being operated in a restricted category and is a "work horse", it is a mechanical contrivance which must be taken care of and operated within the bounds of generally accepted safe operating procedures.

(over)

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

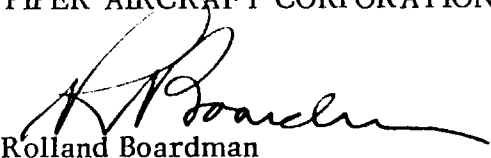
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In the continual effort by the Piper Aircraft Corporation to improve their products, performance and safety wise, we have developed a reinforcement kit which will make the possible occurrence of failures covered in points 1 and 3 even more remote. It is recommended that kit number 754 015 be installed on all PA-18A airplanes up to serial number 18-2927. This kit is available through the distributor in your area, free of all charges except transportation costs. Installation costs must be borne by the owner.

We heartily recommend that pump and agitator fans be kept in true balance to prevent the possible occurrence of failures covered in point 2.

Very truly yours,

PIPER AIRCRAFT CORPORATION



Rolland Boardman
Service Manager

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