



# SERVICE LETTER

No. 314A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

June 8, 1959

TO: All Distributors, Dealers, Owners and Operators

SUBJECT: Landing Gear Warning System

MODELS AFFECTED: PA-24 and PA-24 "250"

This letter supersedes Service Letter No. 314 dated January 13, 1959.

Several accidents have been caused by the gear selector switch on the instrument panel being inadvertently moved to the "gear up" position prior to take-off. The safety switch on the left main strut prevents the gear from being retracted while the weight of the airplane is on its wheels. However, if the gear switch on the panel is in the "up" position the gear will immediately start to retract as soon as the safety switch is opened. The safety switch will open before the airplane is completely airborne and any ground contact with the gear partially retracted will result in damage to the gear controls.

The landing gear warning system has now been modified to incorporate a new type safety switch on the left main gear which causes the horn to blow when the airplane is sitting on the ground and the selector switch arm is in the "gear up" position. This modification also includes a new type panel selector switch whereby the selector switch arm must be pulled out before it can be moved to the "gear up" position.

These latest safety features can be incorporated on airplanes with serial numbers 24-1 to 24-655 inclusive by installing Service Kit No. 754 217 which includes material to replace the present selector switch, selector switch bracket, safety switch and necessary wiring. Service Kit No. 754 221 is available for airplanes with serial numbers 24-656 to 24-827 inclusive which modifies the gear warning system by replacing the present selector switch, selector switch bracket and re-routing of present warning system wiring.

These kits will be furnished free of charge through your nearest Piper distributor or dealer. The airplane serial number must be included on all purchase orders.

No warranty labor will be allowed.

Very truly yours,

PIPER AIRCRAFT CORPORATION

  
Rolland Boardman

Service Manager

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RB:mm