



REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
• • • SERVICE DEPARTMENT • • •

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CHECK TAIL WHEEL HYDRAULIC LINES

It is recommended that the tail wheel hydraulic lines installation in the baggage compartment be checked immediately at the location where they pass through the top of the hull, just aft of the gas tank compartment on the extreme right hand side. Access is gained through the baggage compartment. Inspect the small angle clips which are attached with two rivets each for cracks or breakage. Also inspect the hydraulic lines for chafing on the edges of the holes through which they pass. Broken clips will result in chafing of the hydraulic lines which will ultimately result in failure of the hydraulic system.

The fix being incorporated at the plant consists of replacing the existing type aluminum alloy angle clips with steel Tinnerman angles and new clamps. All parts are standard and consist of the following:

- (4) AN442-AD4 Rivets
- (2) Tinnerman A3264-8-C-3 Angle
- (2) Tinnerman A3046-4 Clamp
- (2) AN526-832-8 Screw
- (2) AN960-8 Washer
- (2) AN365-832 Nut

In addition, rubber grommets are being installed in the holes through which the hydraulic lines pass. These are standard (2) AN931-4-12 Grommets with 90° section cut off only from the top lip of each grommet to clear the overlapping clip. The grommets may be split to effect installation.

One other fix is being incorporated in production, which consists of two additional clamps forward of the subject location, but is not practical in the field with the gas tank installed and need not be effected.

Broken clips and chafed lines should be replaced immediately with the new type parts. It is strongly recommended that the rubber grommets be installed immediately and that a frequent inspection be made of the clamps until they are replaced with a stronger type.

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