

Service Letter

Subject:

Nose Landing Gear Scissor Link Sleeve Corrosion.

Applicability:

All GA8 serial numbers.

Amendments:

Nil (initial issue).

Background:

Occurrences of corrosion developing on the forward face of the Nose Landing Gear Scissor link sleeve have been reported. This sleeve is non structural and provides steering control of the wheel and protection of the main leg tube only. This Service Letter outlines permissible amounts of corrosion of the sleeve.

Instructions:

Corrosion can start in the steel tube below the chrome layer after stone chips penetrate the chrome finish. Corrosion will cause the chrome layer to blister and the corrosion will progress through and across the surface of the steel tube. Refer to Figure 1.

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Figure 1

Any blister in the chrome layer is to be considered a corrosion spot.

Light corrosion is permissible providing that it does not exceed the following conditions :

- any single point larger than 3/4" (19mm) multiple joined points are not considered a single point.
- any corrosion in the area within 6" (150mm) of the lower sliding bearing, when the weight is removed from the NLG.
- any corrosion larger than 3/16" (5mm) within 3/4" (19mm) of the lower for joining block.

Minor corrosion spots may be removed in accordance with practices outlined in AC43.13-1B Chapter 6, Section 10.

Should you require any further information please contact our Product Support Department:

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