

CHAMPION AIRCRAFT CORPORATION
Osceola, Wisconsin

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SERVICE LETTER #44

TO: All Champion Aircraft owners, dealers, distributors and operators.

FROM: Champion Engineering Service Department

SUBJECT: Inspection of Oleo Cylinder Lower End Braze, (Main Gear Only)

APPLICABLE MODELS: Model 7GC 2 thru 38
Model 7EC 664 thru 684
Model 7FC 227 thru 292

REMARKS: It is recommended that owners of the above listed aircraft immediately inspect the oleo cylinder lower end braze (both main gear oleos) for signs of cracks. Inspection should be conducted as follows:

1. Thoroughly clean the brazed area of the dirt and foreign matter using solvent or other suitable cleaning medium.
2. Inspect the entire circumference of braze for any signs of cracks. It is recommended that the inspection be conducted with the aid of approximately 3X hand magnifying glass. Be sure to distinguish between a definite crack in the braze or just surface roughness.
3. If it is concluded that it is a definite braze crack the oleo cylinder should then be replaced and the above inspection may be discontinued.
4. Contact Champion Aircraft's Parts Sales Department and procure a new and improved cylinder assembly, Part No. 3-668. No further inspection of the braze area need be conducted after installation of a new cylinder assembly.
5. If after completing step two, no definite crack is evident, it is recommended that a continued inspection as per this Service Letter be conducted every 100 hours. This inspection could be accomplished at the time of the oleo fluid level check, see Champion Service Letter #42.