

Lancair Series Aeroplanes

AD/LANCAIR/2

Fuel Tanks

2/95 DM

Applicability: Aircraft assembled from Avtex manufactured assembly kits.

- Requirement: 1. Open all fuel tanks and inspect for:
- a. sealant contamination/deterioration;
 - b. excessive sealant, and/or sloshing compound or any other contaminants in the fuel tank;
 - c. fuel strainer contamination.
2. In conjunction with a person authorised pursuant to CAR 35, inspect the closure panels and the attaching structure and hardware to ensure suitability for the purpose; modify as necessary, and/or reseal, in accordance with a scheme acceptable to the Authority. Flow test fuel system.

Note: Notwithstanding any Airworthiness Authority issued to a builder, this inspection is to be carried out and certified by a LAME licensed in the appropriate categories; i.e. Airframe Groups 1 & 7.

Compliance: Prior to further flight after 7 December 1994 or prior to the issue of a Certificate of Airworthiness whichever occurs first.

Background: Reports have been received of deteriorating sealant and contaminated fuel tanks and strainers. It has also been reported that the tank access panel, retention system and substructure may not comply with the build standard approved for this aircraft by the Authority.