



Cessna 206, 207 and 210 – cracking of nose gear tunnel wall

AWB 53-003 Issue : 1
Date : 14 March 2007

1. Applicability

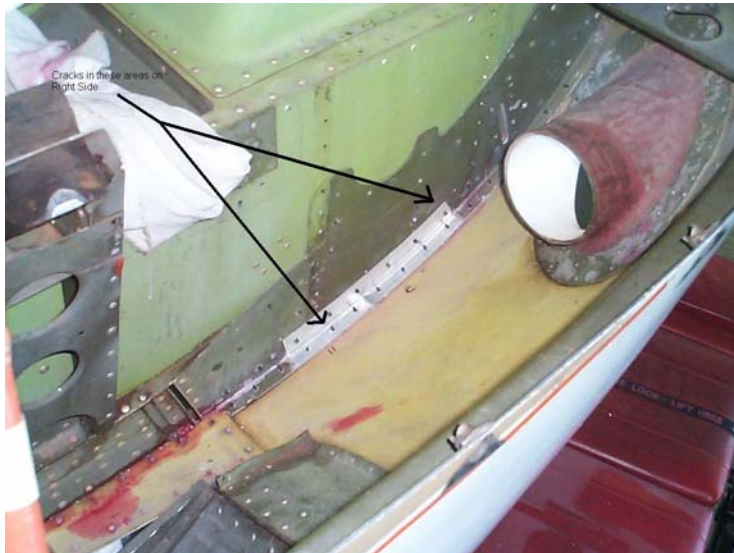
All CESSNA 206,207 and 210 series aircraft, which have STC SA00796AT (Installation of dual-isolator forward engine mount system) incorporated.

2. Purpose

To initiate an inspection of the right nose gear tunnel wall (Part Number 1213184-2) near right nose gear torque tube stiffener (Part Number 1213801-2).

3. Background

Several SDRs have been submitted reporting that cracks have been found in this area, the left and right nose gear tunnel walls at the lower end of the forward engine shock mount assembly and in the stiffeners (Part Number 1213195-1 and -2).



Cracks in the left tunnel wall are relatively easy to see with a torch and mirror while cracks in the right tunnel are more difficult to see because they are covered by the oil cooler.



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The entire area is covered by dirt and oil during operation making a visual inspection of the area very difficult.

The SDRs submitted indicate that the STC (SA00796AT) does not give adequate strength to the area.

4. Recommendation

- It is recommended that operators of these aircraft type and models note this problem.
- Each operator should advise their respective maintenance personnel of the requirement to thoroughly clean the left and right tunnel area and then inspect the area thoroughly; this may involve removal of the oil cooler to facilitate easy access.
- It is recommended that this inspection be carried out at 500 hrs TIS and then at each periodic inspection thereafter after incorporation of STC SA000796AT.
- It is recommended that if cracks are found the operator will need the area repaired via a CAR 35 approved repair scheme.
- Any operator contemplating incorporation of STC SA 000796AT be aware that in many instances where this STC has been incorporated, that cracks have been reported at around 500 hrs TIS since incorporation and that the STC needs to be modified with additional strengthening to prevent this problem.



AIRWORTHINESS BULLETIN

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5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address: AirworthinessBulletin@casa.gov.au

Or in writing, to:

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