

**Mandatory Service Bulletin for
Cessna 208 / 208B Modified with the Installation of
Survey Tail Boom Assembly and Tail Video Camera (Access Panels).
CESSNA 208 AND 208B RUDDER BELL CRANK FOULING CONDITION**

Date: August 17, 2012.

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Prepared By: STEVE HANNA

MANDATORY SERVICE BULLETIN

TITLE

CESSNA 208 AND 208B RUDDER BELL CRANK FOULING CONDITION

EFFECTIVITY

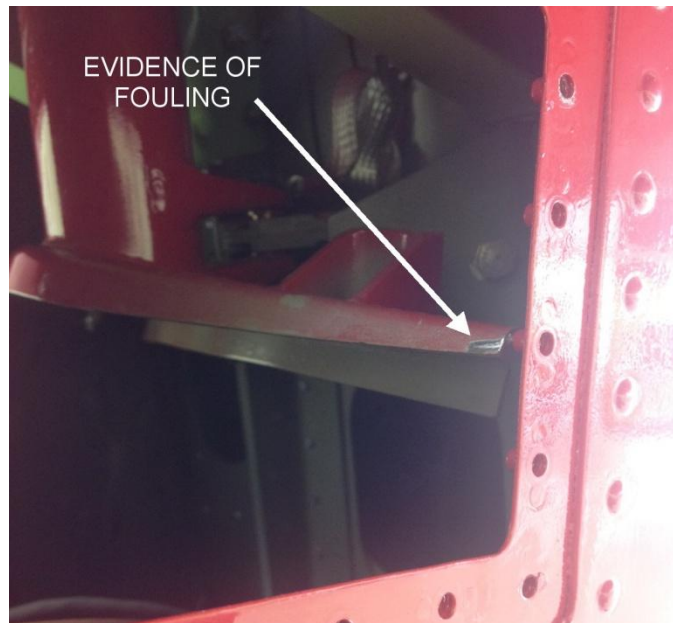
Potential fouling condition may exist when the Cessna 208 / 208B is modified under STC # SA06-47 by installation of LCA00304 Survey Tail Boom Assembly and the LCA00306-001 Optional Tail Video Camera Assembly. All effective aircraft will have been modified before August 15, 2012.

REASON

It has been determined that the rudder bell crank on some modified airplanes may foul against the mounting hardware (screws and / or anchor nuts) which secure the left hand and / or the right hand video camera access panels.

DESCRIPTION

The left and right hand side video camera access panels shall be removed and the interior of the tail boom transition cone shall be inspected for fouling conditions resulting from contact between the rudder bell crank and the video camera access panel mounting hardware. Non-compliance with this mandatory Service Bulletin could result in the premature wear and / or failure of the previously mentioned components. See picture below for evidence of the potential condition.



**LAKE CENTRAL AIR
SERVICES**

MSB-LCAS-001 R-0

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COMPLIANCE

Mandatory : shall be accomplished at or before the next scheduled maintenance interval.

INSPECTION PROCEDURE

1. Remove video camera access panels (PN LCA00306-004).
2. Inspect the AN526C-832R8 screws for evidence of wear as a result of slight contact or an existing fouling condition. If evidence of contact is found; replace all of the AN526C-832R8 screws with AN526C-832R6 screws.
3. If the rudder bell crank is capable of contacting any of the MS21070-08 anchor nuts (after installation of the shorter AN526C-832R6 screws), or is closer than 1/8 inch; remove the offending anchor nut and remanufacture the video camera access panel from .063" 2024 T3 aluminum, being certain to eliminate the screw hole that corresponds to the removed anchor nut.

RECOMMENDATION

1. If contact was found and remedied by switching to the shorter AN526C-832R6 screws, fix a placard to the access panels that states "SECURE ACCESS PANEL WITH AN526C-832R6 SCREWS".
2. If contact was found and remedied by removal of an existing MS21070-08 anchor nut and remanufacturing the access panel from .063" 2024 T3 aluminum; placard the access panel(s) with appropriate alignment marks to ensure correct placement when secured to the aircraft.