

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Thursday, August 10, 2017 6:23 PM
To: Grant Robinson
Cc: Thomas Jacobson
Subject: S-92 Aft float bottle forward bracket tapered shims

Grant

Per the request of Tom.

Case Number: C0067550
Customer: Thai Aviation Services Limited
Aircraft S/N: 920XXX
Aircraft Model: S-92A
ATA: 53
Part Number: 92201-05132-series
Case Subject: Request To Add Tapered Shims To Aft Float Bottle Supports

Problem Description:

TAS maintainers removed P/N 92201-05132-045 / -046 aft float bottle forward supports for cracking during the ongoing 1500-hour inspection on A/C S/N 920279.

It was observed that neither support's flange correctly matched the curvature of the float bottle.

TAS is aware of the practice of filling gaps between the clamp and float bottle with rubber strips as required.

Their concern is that shimming may not always be done the same way by different maintainers, or may not be done at all.

Reference attached JPEG image.

TAS propose to permanently add two aluminum shims to each P/N 92201-05132-series float bottle support assembly.

The shims will be tapered as required to achieve a support flange radius that matches the float bottle cylinder, and will be sandwiched between the P/N 92202-05126-series bracket flange ends and the P/N MS21920-59 band clamp, picking up on at least two existing rivet holes. No new rivets will be required.

TAS request SA no objection for this proposed modification.

EoM

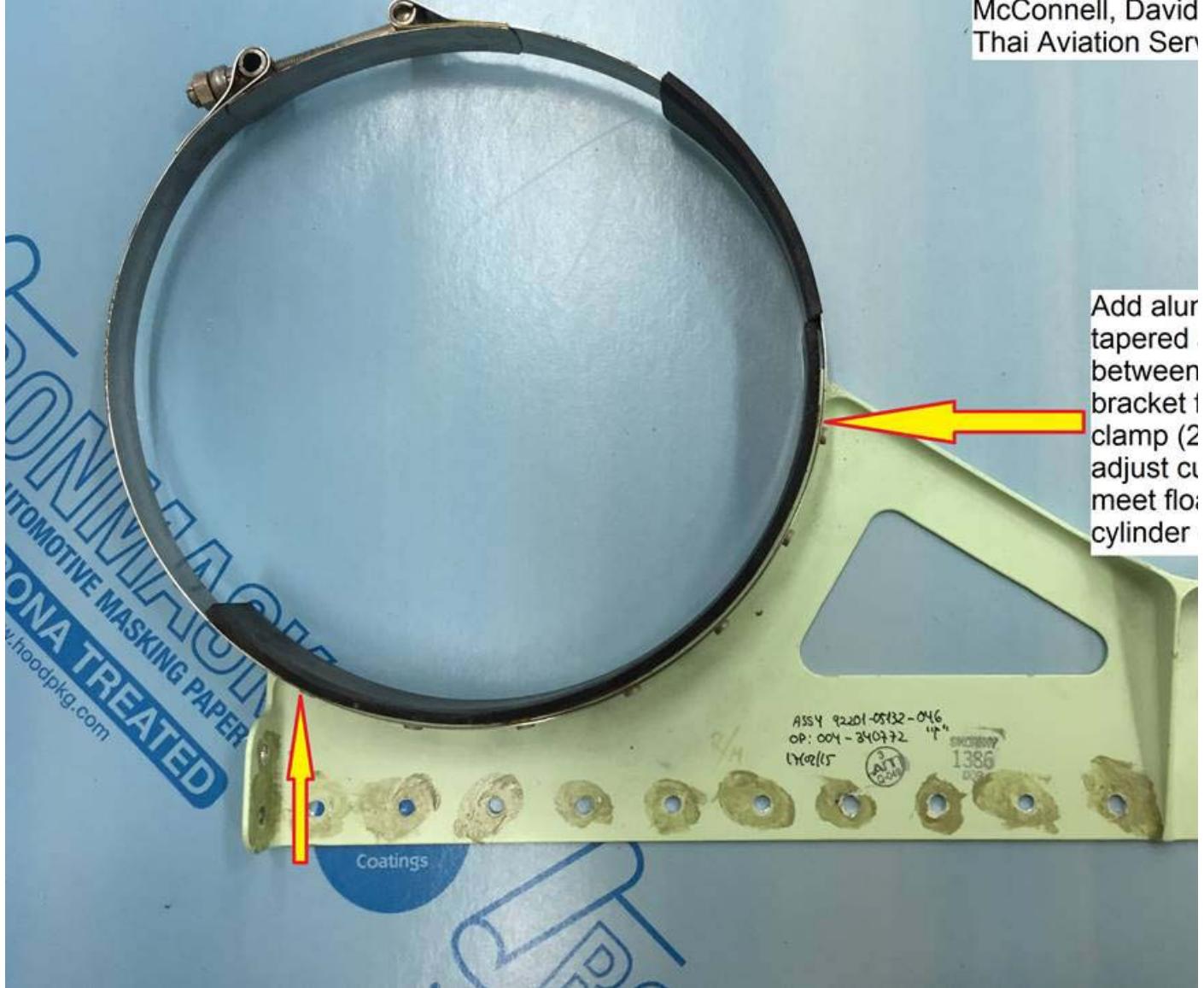
This email notification is provided as the case has been reviewed and does not contain technical data in the issue description.

Problem Resolution:

Sikorsky Structures has no objection to addition of tapered shims as these are permanently attached with existing rivets.

This email notification is provided as the case has been reviewed and does not contain technical data in the resolution.

McConnell, David
Thai Aviation Ser



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