

Cessna 510, Loose Aileron Trim Actuator, ATA 2711

A quality manager for a repair station says, "During maintenance on this aircraft and while carrying out the Mustang SB510-27-01 service bulletin, a loud rattle was noticed from inside the LH Aileron prior to refit. The noise sounded like multiple loose items toward the inboard end of the Aileron.

When we removed the Aileron Trim Actuator access panel (532EB), we discovered that the noise was being caused by two AN3-3A bolts and matching washers (P/N NAS1149F0363P) inside the compartment where the trim actuator is located. Further investigation revealed the two bolts had fallen out of the Aileron Trim Actuator mounting points and had dropped inside the Aileron. The two remaining bolts, which secure the actuator in position, were very loose and were also in the process of falling out.

Part Total Time: 502.2 hours