

From: [Matthew.Rigsby](#) [REDACTED]
To: [Rayner Brian](#)
Cc: [scott.hubbard@](#) [REDACTED]
Subject: 206 lock pins
Date: Tuesday, May 23, 2017 2:05:44 PM

Brian,

After discussion with Seattle ACO and Dart Aerospace, the Removable lock pins are designed to replace the OEM "original bolts and are stressed as such.. That being said, there are Instructions for Continued Airworthiness (ICA) that mandate Daily inspections for condition and security, and then a 300 hour or annually detailed inspection. I believe you have the inspection manuals, below are exerpts..

Reference:

ICA-D119-827

Page 7 of 18

5.1 DAILY INSPECTION

To be performed as part of Daily Pre-flight Inspection.

5.1.1 Inspect all parts of the D119-827 -011 Tail Rotor Pedal Lockout for security of attachment and general condition.

ICA-D119-827

Page 8 of 18

5.2 300 HOUR/ANNUAL INSPECTION

To be performed at 300 hour/annual inspection.

5.2.1 Inspect all hardware associated with the installation for tightness and suitability for continued service. Cracked, bent, or defective hardware should be replaced per Section 67.

5.2.2 Inspect the tail rotor control tube adjacent to the co-pilot tail rotor pedal controls for damage resulting from operation of the 0119-827-011 Kit. If damage is found inspect/replace the control tubes as per applicable Agusta Maintenance Manual.

NOTE: There should be no contact between the control tubes and the 0119-827-011 Tail Rotor Pedal Lockout. If contact is found, refer to Section 5.3 Troubleshooting Guide.

5.2.3 Verify the proper operation of the 0119-827-011 Tail Rotor Pedal Lockout in the engaged as well

as the lockout positions. In the engaged position, operate the right/left tail rotor control pedal until it engages the stops (in both directions). There must be no contact between any' part of the 0119-827-011 kit and the tail rotor control tubes or tail rotor control pedals.

5.2.4 Inspect the 04721-1 Oecal on the co-pilot's lower instrument panel/console for condition, security, and legibility. Replace the decal if required.

5.2.5 With the 0119-827-011 tail rotor pedals engaged, check for vertical play in the expandable pins. If

vertical play is found, adjust the expandable pin per Section 67.5.

5.2.6 Inspect lanyard on 04704-041 Expandable Pin Assembly for security of attachment. Replace

04704-041 Expandable Pin Assembly if looseness is discovered.

5.2.7 If the Spring Clip located on the 04704-041 Expandable Pin Assembly is bent out of shape, it may

be bent back into shape to ensure it will latch per Figure 67-2 and Figure 67-3.

5.2.8 Inspect the 04709-1 Spring Clip located on the 04704-041 Expandable Pin Assembly for cracks.

If cracks are found, the 04709-1 Spring Clip must be replaced. Orill out the MS20613-4C8 rivets and disassemble lanyard and cracked 04709-1 Spring Clip from 04704-041 Expandable Pin Assembly. Re-install lanyard and 04709-1 Spring Clip with MS20613-4C8 rivets .

Hope that helps

Best Regards,

Matthew Rigsby

Accident Investigator

FAA Office of Accident Investigation, AVP-100



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