

Attachment 30. QAN Replacement of Flight Control Bolts

DCA12MA020 Maintenance Factual Report



Quality Alert Notice

To: All Maintenance Personnel
From: Quality Assurance Department
Date: 12/26/2011
QAN Number: 17-11
Subject: Replacement of Flight Control Bolts.

Maintenance Management has established a 5000 hour operating limitation for the 3 upper input control rods attachment hardware of the primary main rotor control servos. (Fore/Aft-Left Lateral-Right Lateral). An initial replacement of the hardware will be accomplished at the next scheduled inspection for each aircraft with over 5000 airframe operating hours. Replacement of the hardware to include the bolt, washer and nut will be accomplished at each 5000 operating hours thereafter.

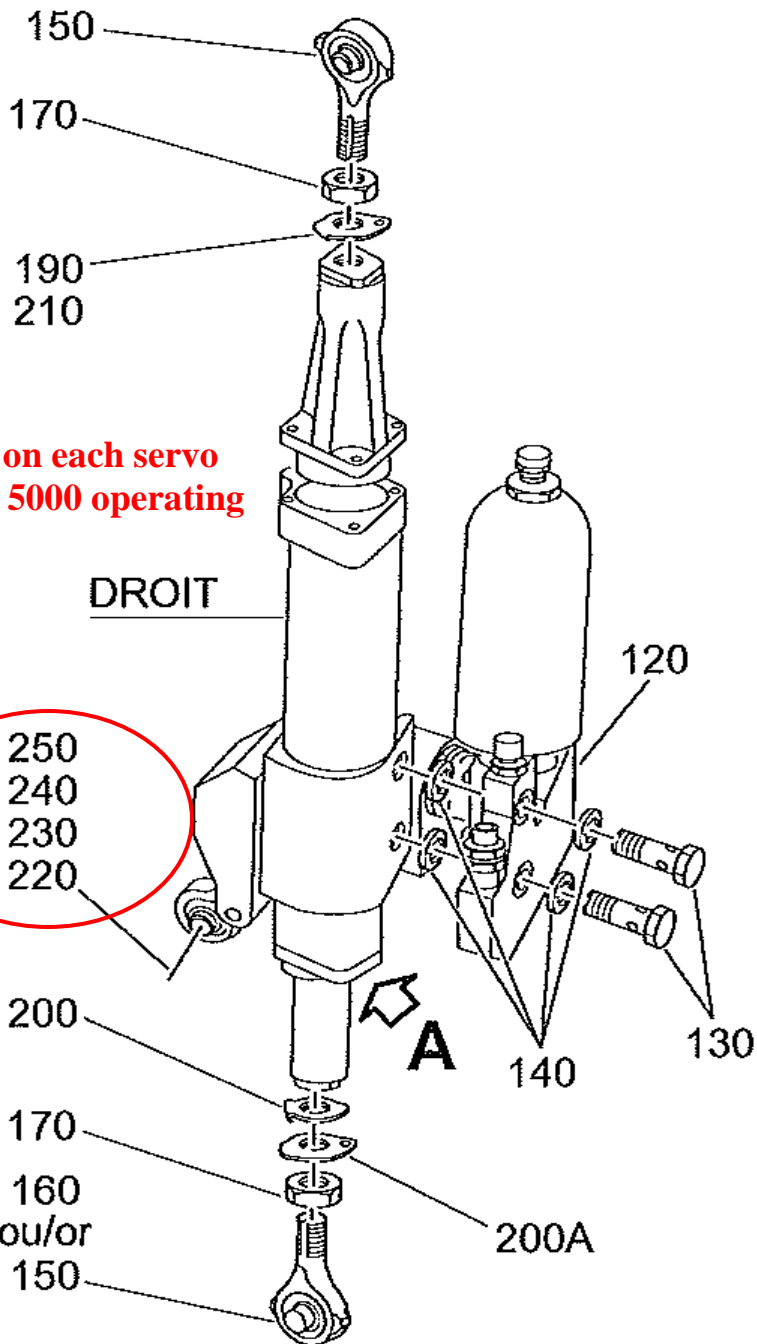
Anytime an input rod is disconnected from any of the servos for any reason, the self locking (fiber lock) nut will be replaced with new. All other self locking nuts will be inspected for serviceability per Eurocopter Standard Practice Manual section 20.02.05.404 prior to reinstallation. All bolts removed for any reason will also be inspected for serviceability per Eurocopter Standard Practice Manual section 20.02.05.404 prior to reinstallation.

Installation instructions outlined in the appropriate airframe maintenance manual will be strictly followed. All installations that require a safety, to include cotter pins, will be inspected as required by Sundance's GMM.

All bolts removed and found to be unserviceable will be appropriately tagged and turned into the Quality Assurance Dept. for evaluation.



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These items to be replaced with new on each servo input rod attachment upon reaching 5000 operating hours.

Jack L. Weese
Manager Quality Assurance