

Inspection of N74805
10/4/2016

Tail cone cowling C706

Inspected Tail cone cowling attach points with Tail cone installed, no damage or defects noted.

Inspected torque on tail cone attaching hardware, used a calibrated torque wrench. The torque is 665-inch pounds per the manual. The torque broke (nut moved) at 355-inch pounds on all bolts.

Removed Tail cone C706 and noted no elongation or damage to the bolts, washers, skin or structure.

Flight control servos and push pull tubes

With mast fairing removed we inspected the main rotor torque tube, control tubes and servos. No damage or defects noted. We also moved the flight controls through a full range of motion with and without hydraulic power, continuity and operation appeared to be normal.

Main Rotor Gearbox Mounts

Inspected with Tail cone and both fuel tanks removed

Inspected the main rotor gearbox mounts (rubber portion) and as well as the ears of the main rotor gearbox mounts, no damage or defects noted

The torque on the main transmission bolts per the manual is 90-foot pounds. We used a calibrated torque wrench and found the torque to be correct.

DOM Eric Wettels agrees, he did not notice any unusual defects in these areas.

Mitchell Reeves
Aviation Safety Inspector WP-13