



McFarlane Aviation Products
Press Release – New Product

For Immediate Release

McFarlane FAA-PMA Cowl Flap Hinges for Cessna aircraft and Steering Rod Boots for Cessna 182



Baldwin City, KS, September 5, 2018: McFarlane Aviation Products is excited to announce new approvals for Cessna Aircraft!

McFarlane now has FAA-PMA approval for improved cowl flap hinges for Cessna 172, 180, 182, and 185 aircraft. “Cowl flap hinges wear out due to aerodynamic vibration and vibration of the engine cowling. A lot of high frequency engine vibration is transmitted to the cowling through the baffle seal material” stated Andy Pritchard, McFarlane IA technician. “This vibration and related hinge wear would be reduced if McFarlane’s low friction Cowl Saver® baffle seal material was installed on the engine.” McFarlane FAA-PMA cowl flap hinges utilize selective fit pins to eliminate looseness that allows the start of vibration wear. The improved design provides a superior hinge at a fraction of the replacement cost of the original hinges.

McFarlane now has FAA-PMA approval for the steering rod boot and attaching parts on the Cessna 182. McFarlane has improved the design of both the boot itself and the retaining flange. The Cessna boot is single ply fiberglass with a stiff silicone rubber coating that is prone to ripping and tears caused by fatigue and premature infrared heat related material break down. McFarlane has utilized a unique deeper convolute design, a three ply material design incorporating both Kevlar and fiberglass, and a supple high temperature rubber coating. “The Kevlar and fiberglass work together to prevent wear, fatigue, and heat failures while providing extended fire protection at 2,000 degrees F.” said Dave McFarlane, “We have worked for over twenty years to perfect this boot. It has a tough job to do.” McFarlane has upgraded the original aluminum flange to a stainless steel firewall material. The boot is located right behind the muffler and holes and tears in the steering rod boot could allow for carbon monoxide, smoke, and even fire to penetrate the firewall and enter the cabin. “You would not want a standard boot on your aircraft if you watched it crumble and fail during our fire testing” said Teeyana Wullenschneider, McFarlane Project Engineer. Routine inspection and replacement of the boot and attaching parts are so very important to maintain safety.

McFarlane Aviation Products has provided general aviation with high quality replacement aircraft parts at an affordable price for over 30 years and were recently awarded the 2018 Kansas Governor’s Award of Business Excellence! For more information, go to www.mcfarlaneaviation.com or call 888-352-0076 or 785-594-2741.

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