



McFarlane Aviation Products

Press Release – New Product

For Immediate Release

New McFarlane FAA-PMA Fuel Selector Valves and Parts for Cessna 170, 172, 175, & 177

Baldwin City, KS, September 21, 2018: McFarlane Aviation Products has approval on new complete fuel selector valve assemblies!

For years, McFarlane has been repairing Cessna fuel selector valves in an effort to keep everyone flying safely and affordably. Now they have taken this experience and their expert knowledge to the drawing board and developed replacement fuel selector valves for the Cessna 170, 172, 175, and 177 aircraft. They won't stop here. Expect approvals soon covering more airframes!



Ben Strahm and Andy Pritchard, both A&P technicians at McFarlane, found corrosion to be the number one issue that prevents fuel selector valves from being repaired. Because of this, McFarlane hard anodizes the complete valve body outside and inside. All attach fittings are also anodized. Careful consideration of metal used for the components was also noted. In the original Cessna valves, dissimilar metal corrosion is a problem with the lower bearing. McFarlane's design incorporates an aluminum bushing that is hard anodized.

Since repairing valves is an option that the customers still want available, each component of McFarlane's fuel selector valves hold their own approval and are directly interchangeable within the original Cessna valves. This means that original valves may still be repaired by using McFarlane's improved components at significantly less cost. AD#99-27-02 is applicable to some of the cams in the original Cessna valve 0513120 series. Because of this, McFarlane began their fuel valve project by developing the replacement cam. The AD was not the only reason for starting with the cam. "So many of the valves that we have repaired, we had to replace the cams because the index on the shaft had been damaged" stated Ben Strahm. "The cams appear to be damaged during reassembly or while reattaching the control linkage. There is a very specific way in which these must be assembled in order to avoid damaging the index while installing the roll pin."



McFarlane's intimate knowledge of Cessna fuel valves has enabled them to develop a superior valve that out performs and out lasts the original design, all while costing less than half of a Cessna valve. "It is our daily goal to develop high quality parts at affordable prices for our customers. We strive for safety and longevity in all of our products" stated Dave McFarlane, President of McFarlane Aviation Products.

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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