

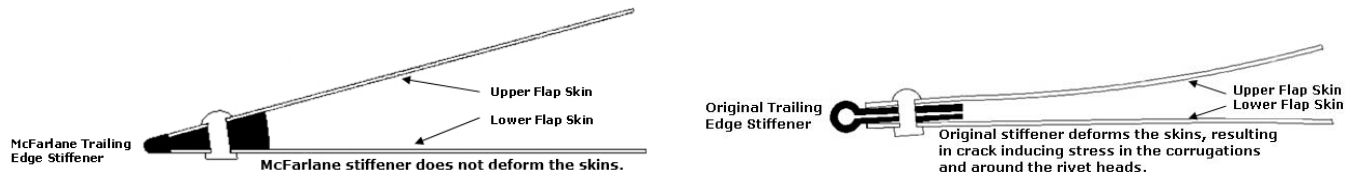


Press Release – New Product

04 January 2013

McFarlane Manufactures FAA-PMA Streamlined Flap Trailing Edge for Cessna Aircraft

New Shape Reduces Stress Cracks and Improves Appearance



Baldwin City, Kansas, January 04, 2013 – McFarlane has received FAA-PMA approval for improved Flap Trailing Edge Stiffeners. The approval covers most Cessna aircraft and does not require an STC or form 337. Trailing edge stiffeners reinforce the flap trailing edge to ensure straightness, reduce stress in the flap skins, and provide a blunt surface to protect the foreheads of unsuspecting pilots and passengers. The improved McFarlane design is accurately shaped to the angle that the top and bottom skins come together to completely eliminate the bending stress due to riveting the trailing edge. This prevents stress concentrations in the skin corrugations and near the rivets, making cracks less likely. The new streamline shape smoothly transitions from the skin surface to a blunt trailing edge. It maintains the flap's natural airfoil shape by eliminating the unsightly bulb and resultant drag found on common trailing edge stiffeners.

McFarlane Aviation Products has provided general aviation with high quality replacement parts at affordable prices for many years. For more information, visit www.mcfarlaneaviation.com or call 800-544-8594 or 785-594-2741.

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