

McFarlane Aviation Release FAA-PMA Approved Strut Seal Kits for Cessna Aircraft



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McFarlane Aviation is proud to announce the release of their FAA-PMA approved strut seal kits, P/N [MCSK172-1F](#) and [MCSK172-2](#), designed for Cessna nose struts and main landing gear. These kits feature engineered improvements developed specifically to address one of the most persistent issues faced by Cessna owners for more than six decades: chronic nose strut leak-down and frequent servicing.

For years, owners accepted ongoing strut servicing as an unavoidable challenge. McFarlane's research confirmed that traditional round O-rings can twist under low operating pressures when exposed to oxidized hydraulic fluid and surface contamination on the chrome strut. This slight twisting breaks the sealing interface and leads to slow, unpredictable leaks. The breakthrough solution came from observing a proven approach already in use by Australian operators: replacing the standard round O-ring with a square, double-edge "X" style quad ring that cannot rotate.

That discovery directly shaped the design of McFarlane's new seal kits. Each kit now includes the upgraded quad ring (P/N 1100), along with all required O-rings, back-up rings, scraper ring, and [AN901-5A](#) gasket. The square "X" style seal resists rolling and twisting, dramatically reducing friction-induced leaks and allowing struts to remain serviced for years instead of months. The back-up rings are installed with the flat face against the quad ring for optimal performance. Lock rings have also been upgraded to 304 stainless steel for improved corrosion resistance and long-term durability.

P/N MCSK172-2 now carries FAA-PMA approval and officially replaces the previously available NSS-KT-2, which did not include the [1100](#) quad ring. The McFarlane seal kits bring all required sealing components together in one complete package, simplifying installation and eliminating the need to separately source critical parts.

For ordering information, please visit McFarlaneAviation.com.

About McFarlane Aviation

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