

MANUAL START FUEL SWITCH

Manual Start Fuel Switch



The Manual Start Fuel Switch Supplemental Type Certificate (STC) was granted by the FAA to Heli-Trade in 1989. The Manual Start Fuel Switch is designed to provide pilots with the ability to manually control the low RPM start fuel flow to the engine during a start. Prior

to the installation of the Manual Start Fuel Switch, fuel was activated in series with the starter via the starter trigger switch, which is usually engaged until reaching 45% Gas Producer speed. When executing a restart or a start with residual temperature, the inability to control the amount of start fuel being fed into the engine often resulted in a hot start or a hung start if the trigger had to be released prematurely. With the installation of the Manual Start Fuel Switch, start fuel is controlled by the pilot and can be shut off if an overtemp is pending or left in the armed position until a good start is achieved. The Manual Start Fuel Switch is an asset in high, hot conditions where "hot" starts are a serious operational consideration. The installation of the Manual Start Fuel Switch is straightforward and takes less than eight man-hours to complete.

90451 Boeing Drive
Eugene, Oregon 97402 - 9525
U.S.A.

Tel: 541-688-4590 • Fax: 541-688-0523



Heli-Conversions

Heli-Conversions

specializes in the R&D, production, FAA certification, worldwide marketing, and support of "aftermarket" improvements for the Bell 205/UH-1 series helicopter. All improvements are based on more than 25 years of operational experience, ensuring increased profitability and enhanced safety.

STCs

SH4305NM	Centrisep® Particle Separator
SH89-22(Can)	
SH2394NM	-17A or -17B Engine
SH89-21(Can)	
SH5132NM	212 Rotor Blades
SH91-38(Can)	
SH5976NM	-17A or -17B Engine/212 Rotor Blades
SH95-12(Can)	
SH5977NM	-17A or -17B Engine/212-9 Pax
SH95-13(Can)	
SH5797NM	T53-HC Engine Wash Kit
SH94-6(Can)	
SH5122NM	EGT/MGT Indicator (Cycle Counter)
SH91-37(Can)	
SH2692NM	Dual Electric Boost Pump
SH90-29(Can)	
SH4775NM	Manual Start Fuel Switch
SH90-15(Can)	
SH2691NM	Vertical Reference Door
SR01226SE	Left Hand Pilot-In-Command
Pending	Fuel Recovery System
Pending	Goodrich Internal Rescue Hoist 42305-3
Pending	USFS Compliant Avionics Suite