Oil Filters and Spark Plugs of Champions
Oil Filters

The industry leader in the innovation of aviation oil filter performance & safety improvements

ANTI-DRAIN BACK VALVE SYSTEM
The only filter to have a positive anti-drain back system incorporating an “O RING” to prevent drainage between the base and the gasket plate.

LOCKING SEAM The locking seam is designed and perfected to withstand 700 psi before bursting.

PC HOUSING Patent pending. The only filter to incorporate a housing for the by-pass valve to prevent the restriction of the oil outlet should a failure of the bypass valve occur.

PACKAGING Each filter is in a plastic bag and conveniently packed in a six pack or individual box.

MAGNETIC FILTRATION Internal magnets collect ferrous materials that can detect early engine failure.

MEDIA The resin-impregnated, cellulosic, full pleat media is designed for uniform flow and collapse resistance. 312 square inches is the most in aviation oil filters.

PLEAT-PAC Each pleat is evenly spaced without pinch-off or cement running into the media.

TCM BY-PASS VALVE The only filter to meet the TCM specifications for 12 to 14 psi opening pressure. Meets Continental specs.

INLET HOLES Four inlet holes which provide maximum base-plate strength.

CENTER TUBE Corrugated center support tube for maximum resistance to collapse and supported each convoluted pleat.

Superior • Cessna • Robinson • TCM • ECI
Spark Plugs

With the most automated manufacturing processes and the most innovative spark plug in the aviation industry.

**PROPRIETARY GLASS CENTER SEAL**
A 21st century ‘fired in’ resistor replaces the multipart screw, spring, carbon pile stack up used in competitive plugs and known to suffer from resistance value instability that can cause misfires, wasted fuel, and engine roughness.

› High Conductivity Copper Core Center Electrode
› High Alumina Ceramic Insulator
› Nickel Finish
› Nickel Ground Electrodes (Massive Plugs) and Iridium Electrodes (Fine Wire Plugs)
› Vacuum Infused Center Electrode
› Hot-Lock Assembly

We know what makes Oil Filters and Spark Plugs - we make our own