



## Services

### Aero Engine Rebuilding

Any engine rebuild is a time consuming, complicated and expensive project. When working on early engines, even when manuals are available they rarely show tolerances or torque specifications, let alone proper repair procedures. Compounded with the almost complete unavailability of spare parts, most shops just shake their head. With our years of experience, we not only understand "how", but also "why" the engine works. KipAero understands the materials, stresses and thermal properties involved and use this knowledge to develop repair procedures, new parts, tolerances and specifications for each engine.

### Magneto Rebuilding

A hot and consistent spark is critical to achieve maximum performance from early aero engines. Although we manufacture and supply new caps and rotors for many early ignition systems, these items alone are not always sufficient. KipAero can completely rebuild early magnetos and restore its' original performance.

### Small Batch Custom Manufacturing for Aero Industry

KipAero offers small batch manufacturing services to wholesale parts suppliers, airplane clubs, restoration shops and individuals.

Requirements: an original part in good condition to make the mold, minimum order quantity of ten units, documentation, and non-refundable deposit. Cost is determined by complexity, number of pieces, and condition of the original part. Timeframe is approximately 6-8 months or more depending on current backlog and complexity.

Examples are; distributor & magneto caps, rotors, rubber parts, lenses, metal castings & stampings, and other items.



*Authentic Reproductions for the Original Experience*