

# Tennessee Aircraft Co., Inc.



Highly skilled professional technicians.

## Fuel Nozzle Condition

is a critical contributor to power and engine life.

Periodic cleaning and testing is necessary to allow full life of the engine hot section.

We know you hate downtime, so we provide next day service for Simplex and Duplex nozzles.



Top quality machining results in fewer replacement nozzles.

## Proper Fuel Atomization

Into the combustor is essential. Any streaks or voids may cause raw flame to come in contact with metal parts causing severe damage.

## Cleaning

both chemically and pyrolytically while maintaining integrity of the matched sets is a must. We use heated chemical baths, heated ultrasonic process, a digitally controlled oven and other "state of the art" methods to insure removal of all hydrocarbons and other contaminants.

## We Analyze

each detail part of every nozzle for cracks, dimensions, conical surfaces, distortion, deformation and material loss to be sure of compliance with all the manufacturer's requirements.

## We Measure the Flow Rate

of each nozzle with a digital computer on our fuel atomizer test stand. We also use the test stand to check for spray quality, spray pattern and cone concentricity. We report these results to you.



We design and build our own tooling and fixtures.

## It is a Distinct Benefit

for you to have good fuel nozzle maintenance. We offer top quality, short turn times and competitive pricing. Call us for your next fuel nozzle maintenance.

## We Save You Money

with our FAA Approved repairs using argon shielded cyber tig welding and precision machining. Repairs are accomplished in house, no outside vendors.



The correct flow rates with no streaks or voids.