

Industrial Gas Turbines Service Provider



Founded in 1984 and based in Calera, OK, GTA is an independent service provider specializing in the Saturn® and Centaur® industrial gas turbines (Solar® Turbines products). GTA provides overhaul, repair and testing services for a longstanding customer base, primarily operating within the upstream and midstream sector.

GTA has vast experience on the following engines, having accomplished in excess of 40 Centaur® and 50 Saturn® complete overhauls in the last 10 years.

Centaur® (HED) Complete Engine (GP, PT and AD)

T4002 / T4502 Complete Engine Exchange
T4702 Complete Engine Exchange

Centaur® (CED) Complete Engine

T4001 / T4501 Complete Engine Exchange
T4701 Complete Engine Exchange

Saturn® Split Shaft Complete Engine (GP, PT & AD)

T1102 Complete Engine Exchange (MKI / MKII Style)
T1202 Complete Engine Exchange (MKI / MKII Style)
T1302 Complete Engine Exchange (MKI / MKII Style)
T1602 Complete Engine Exchange (MKII Style)

Saturn® 3 Wheel Complete Engine

T1201 Complete Engine Exchange (MKI / MKII Style)
T1301 Complete Engine Exchange (MKI / MKII Style)
T1401 Complete Engine Exchange (MKI / MKII Style)
T1601 Complete Engine Exchange (MKI / MKII Style)



Full Performance Testing

All overhauled turbines are full load tested in our modern test facilities. Complete performance test certificates are provided for each turbine. Testing can be done on the actual service fuel.

- Saturn® Sleeve Bearing 2-shaft
- Left-hand or right-hand rotation
- Saturn® Sleeve Bearing 1-shaft
- Natural Gas
- Centaur® 2-shaft hot-end drive
- Centaur® 1-shaft cold-end drive

Spare Parts and Field Service

A complete inventory of service spare parts is available for shipment anywhere in the world 24 hours a day.

GTA will pick up and deliver major components with our own trucks to help you avoid down time delays. The service trucks are fully equipped with all necessary tools for service and test equipment for trouble calls. Our service personnel will do the work you request and assist your personnel with training, if desired.

Complete Package Refurbishment

GTA will completely refurbish your used equipment or locate equipment for refurbishment and resale.

All product improvements are incorporated into each refurbishment where possible and custom modifications to meet special applications can be added. Control modifications from the relay logic to programmable controller is an option. Field modification or retrofit of some product improvements is available and can be quoted upon request.

Compressor Re-Staging/Reapplications

GTA is the leading global, independent service provider on completely engineered C16, C28 & C30 turbine packages.

Whether it's a new project, reapplication or you just need to re-optimize your changing gas pipeline, GTA can completely re-stage your C16, C28 & C30 compressors.



Gas Turbine Applications

Gas Turbine Applications, Inc.

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For Parts: parts@gtaturbines.com

The words **SOLAR**, **CENTAUR** and **SATURN** where applied to Gas Turbines are registered trademarks of:

Solar Turbines
A Caterpillar Company