Overview

ATGI develops disruptive technologies for the aerospace and private sectors.

ATGI is an independent, privately held engineering research and development firm. ATGI was formed in 1995 to meet the needs of government and private-sector clients with technological challenges that defy conventional solutions.

ATGI has the capability to design, develop, manufacture prototypes and perform tests in our laboratory facility.

By providing innovative, timely, cost-efficient design and consulting services, ATGI has seen both our government and private-sector client base broaden significantly. Our accomplishments have won several awards and earned repeat business from satisfied customers.

*We quickly gained a reputation for simple yet novel solutions to complex problems.*
Markets

ATOL offers services including applied research, prototype development, laboratory and field testing, analysis and modeling, and software and data system development.

We provide specialized services to clients that are developing emerging technologies, pushing the frontiers of innovation to develop advanced solutions to challenging problems.

- Aerospace
- Defense
- Homeland Security
- Transportation
- Marine and Ocean Systems
- Medicine and Healthcare
ATGI Applied Technologies

Striving to provide "Tomorrow's Technology Today", ATGI has developed:

- Hardware for military and commercial jet engines that reduce fuel consumption and CO₂ emissions.
- An Optical Mass Gauge to measure cryogenic propellants in zero-gravity applications.
- Active balance system that is powered by light.
- Optical flow sensor for cryogenic propellants.
- Currently developing a unique HI-powered Ram Air Turbine.

In addition, ATGI utilizes in-house expertise to provide outsource engineering and analysis services to both small and large companies.

We invite you to explore our website and contact us with your technology needs.
Core Capabilities

ATG is composed of highly experienced and creative technologists and engineers. Our personnel combine decades of expertise in a wide range of disciplines:

- Precision Mechanical design
- Optical design
- Software design
- Computational fluid dynamics analysis
- Heat transfer
- Thermal analysis
- Linear and Non-linear stress analysis
- Optical ray tracing analysis
- Test facility design
- High speed data acquisition
- Data analysis

Using a flexible approach, we meet our clients' needs with an exceptionally high degree of agility and responsiveness.

Challenge us with your difficult technology problems.
Business Achievement And Effective Collaboration