

Additional Capabilities Include:

Service Area

ATS employs approximately 750 personnel in 28 branch offices throughout the United States, and can provide inspection services anywhere in the US or abroad. With over 40 years of inspection and testing experience, ATS is prepared to handle any project regardless of size or location and we are committed to providing the highest level of quality and service available.

Scheduling

ATS is always available to handle your inspection needs and will respond to each request in a prompt and timely manner. Simply contact any ATS office to schedule an inspection project or to set-up a visit by an ATS representative.

Aerospace Manufacturers Approvals and Certifications:

- Gulfstream
- Learjet
- Cessna
- Lockheed-Martin Aerospace
- Boeing Aerospace
- Beech
- Bell Helicopter
- Raytheon Aircraft
- Bombardier
- Canada Air
- Sikorsky



Aviation Inspection



Aviation Inspection Services

Applied Technical Services offers nationally recognized aviation inspection services with extensive nondestructive and assessment capabilities since 1975. Our team of skilled aircraft inspectors manage projects from commercial airliners to crop-dusters, for all your inspection requirements.

Common Capabilities:

- Eddy Current
- Radiography
- Ultrasonics
- Optical Prism
- Liquid Penetrant
- Magnetic Particle
- Bond Testing
- Videoprobe
- Infrared
- Magneto Optic Imaging
- Ultrasound & Eddy Current Phased Array



Quality Programs & Accreditations

ATS aviation inspection personnel have extensive experience in both military and commercial aircraft. They are trained and certified to the highest standards. All aviation inspection certification and/or training records are available for review.

- ISO 9001
- FAA Repair Station No. HC4R227M
- NAS-410
- Repairman Certificates



ATS, founded in 1967 and headquartered in Marietta, GA is one of North America's leading consulting engineering firms with extensive testing and inspection capabilities delivering a combination of experience, professionalism and decisive responsiveness for our clients.



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Corporate Office: 1-888-287-5227
www.atslab.com

*All accreditations are granted to certain disciplines operating within ATS. Each certification/affiliation or accreditation has a special defined scope. Please visit www.atslab.com or contact the ATS Quality Assurance Department at 1-888-287-5227 for further details.



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Aviation Inspection



In the Field Services

ATS travels nationally and internationally to perform aviation NDT inspections. We are prepared to fly or drive to your location to perform any and all of the NDT methods. Our mobile radiography labs enable us to perform radiographic testing, film process and detailed interpretation on-site. Our customer base is comprised of private aircraft owners, small aviation businesses, corporate jets, military, Arabian sheiks and major commuter airline companies. Our professional technicians are highly trained and certified to deliver excellent service and accurate interpretations. We arrive on time and prepared with the right equipment, the right standards and everything needed to get the job done. You will have the reports in-hand when we leave your site.



In Shop Services

ATS has a state-of-the-art NDT lab. The lab is equipped with the latest and most advanced NDT equipment. We will perform any and all of the NDT methods on your aviation parts and components. Some of our most common jobs include rotor grips, newly manufactured parts, engine overhauls and military aircraft parts. ATS has been called upon many times to do unique custom jobs like parts investigation on downed airplanes. Our NDT lab frequently serves private aircraft owners, aviation manufacturing companies, small aviation businesses, corporate jets, military, and major commuter airline companies.



When Quality is Non-Negotiable!

Engine Inspection

ATS has been leaders in the Aviation NDT Industry since 1975. We specialize in engine inspections ensuring no flaw or threat goes undetected. Common flaws detected are cracks caused by fatigue, heating and cooling, overheating and vibrations.

Inspections Include:

- Core
- Fan Blades
- Bleed Air Ducting
- Turbine Cases
- Engine Attachment Point
- VSV Levers
- High Pressure Turbine Wheels
- Fan Blade Hubs
- Spinner Case
- Mounting Hardware



Structural Inspections

ATS technicians are highly trained and certified to inspect most aircraft structures. Their experience gives them the expertise to detect and interpret common and rare defects. Common flaws detected are cracks caused by corrosion, pressurization and depressurization, and disbonds found in composites which could be caused by fatigue, stress and corrosion.

Inspections Include:

- Flight Surfaces
- Landing Gear
- Windows and Windshields
- Fuselage
- Aircraft Wheels
- Various Other Engine Components

Rotor Grip Inspections

Applied Technical Services has many years of experience inspecting helicopter rotor grips. Our experts look for cracks that may be caused by manufacturing processes, fatigue, stress and/or corrosion. We inspect rotor grips in the field or in our state-of-the-art lab. Our customer base includes military, private aircraft owner, small companies and medical evacuation companies.

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