



Junior Technical Analyst

Location: Madison, WI or Remote (U.S.-based)

Reports To: VP of Technical

About Contrail Aviation Support

Contrail Aviation Support is a global leader in the aviation aftermarket, specializing in the trading, leasing, and management of aircraft engines, modules, and parts. We support airlines, MROs, lessors, and operators worldwide through technical expertise, disciplined analytics, and a strong commitment to quality and transparency.

As a smaller, collaborative team, Contrail offers employees the opportunity to make a direct impact while working on complex technical challenges. We provide flexible time off, competitive compensation and benefits, and the ability to shape and grow your role over time based on your interests and performance.

Position Overview

The Junior Technical Analyst role is an entry- to early-career position for candidates who are passionate about aviation and interested in building long-term technical expertise in the aftermarket. This role offers hands-on experience in aircraft engine analysis, data-driven decision-making, and cross-functional collaboration.

The position requires strong analytical skills, an engineering-oriented mindset, exceptional attention to detail, and a genuine desire to learn. You'll support technical evaluations, data validation, and operational decision-making related to aircraft engines and components. The role includes comprehensive onboarding and ongoing mentorship from our VP of Technical and senior team members.

As you develop, this role can grow toward more specialized technical analysis, project leadership, or client-facing positions based on your interests and strengths.

Key Responsibilities

- Conduct technical analysis of aircraft engines, modules, and components to support acquisition and leasing decisions.
- Review, validate, and document technical data with exceptional accuracy, ensuring compliance with industry standards.
- Maintain and analyze technical records, shop visit data, maintenance history, and component lifecycles.
- Collaborate with the VP of Technical and cross-functional teams including sales, quality assurance, and operations.
- Support internal valuation, financial modeling, and reporting efforts using Excel and internal tools.
- Continuously develop knowledge of aviation assets, maintenance requirements, industry standards, and best practices.

Required Qualifications

- Strong interest in aviation, aerospace engineering, or technical analysis.
- Excellent attention to detail and analytical thinking—accuracy is critical in this role.
- Ability to manage time and tasks independently with strong organizational skills
- Clear written and verbal communication skills.
- Proficiency with Microsoft Office products, including Teams and Excel.
- Bachelor's degree in Engineering, Aviation, or related technical field (or equivalent practical experience).

Preferred Qualifications

- Aviation-focused academic background (Aerospace Engineering, Aviation Management, Mechanical Engineering, or similar).
- Advanced Microsoft Excel skills including formulas, pivot tables, data analysis, and modeling.
- Previous internship or coursework related to aviation, aerospace systems, or technical analysis.

Compensation & Benefits

- Competitive compensation package.
- Competitive salary commensurate with experience and qualifications.
- Flexible time off policy.
- Comprehensive health, dental, and vision insurance.
- 401(k) match retirement plan.
- Professional development opportunities and industry conference attendance.

How to Apply

To apply, please email careers@contrail.com.

We review applications on a rolling basis and aim to respond to all candidates within two weeks.

Recent graduates are encouraged to apply.

Please note: we will not be filtering resumes through an A.I. system, each resume will be reviewed individually by a human. Please avoid optimizing for A.I. filters.

Equal Opportunity Employer

Contrail Aviation Support is an Equal Opportunity Employer. We encourage applications from candidates of all backgrounds and are committed to building a diverse and inclusive workplace.