

Engineers at MTU AENA turn ideas into practical solutions which drive our business growth by utilizing rock-solid engineering practices, coupled with a desire to innovate. We work in both the aero and industrial gas turbine industries delivering outstanding engineering services which exceed our customer's expectations, leverage current technology and optimize our employee assets.

MTU AENA engineers work with each customer's unique sets of specifications and requirements. It's this customer-based focus which is integral to our success, as we continuously improve and innovate ways to deliver outstanding customer satisfaction. MTU AENA provides the training and career development goals which allow you to focus your career on a technical or management track by leveraging your education, skills and experience.

www.mtuusa.com

MTU Aero Engines North America, Inc.



Senior Technical Performance Engineer I

MTU Aero Engines North America (MTU AENA), is a growing U.S. company located in Rocky Hill, CT, and is a subsidiary of MTU Aero Engines AG, headquartered in Munich, Germany. We are looking for a Senior Technical Performance Engineer I to join our dynamic team. Bringing 5-7 years of experience, our Technical Performance Engineers will join teams that work with our customer's unique set of specifications and requirements; it is this customer-based focus which is integral to our success.

The Senior Technical Performance Engineer I will join the CIPT (Component Integrated Product Team) of MTU Aero Engines North America Inc. Specifically, this deeply technical role will support the PSA/MTU performance collaboration team to execute engine cycle analysis and performance predictions for both steady state and transient models and matching test data. The position will drive the development and support of computer code and component descriptors for high-fidelity engine performance, and develop/implement modeling methods for aero engine performance simulation.

To be a successful candidate, a Senior Technical Performance Engineer I should possess the following:

- Deep understanding of underlying physics and standard engine modeling methods
- Familiarity with propulsion and gas turbine cycle analysis
- Knowledge of modeling methods for aero engine performance simulation
- Strong background in object oriented computer coding and modeling
- Ability to collaborate internationally to achieve results and establish credibility of U.S. Performance Engineering team
- Quickly absorb new technical information and apply it effectively
- Enthusiasm to share technical experience to increase others' understanding
- Strategic perspective to consider the implication of information, decisions and actions beyond immediate team/department

Requirements for the position include:

- Bachelor's Degree in Mechanical or Aerospace Engineering or Master's Degree with a focus on engine performance, controls and fluid dynamics/CFD preferred
- 5+ years of related engineering experience
- 5-7 years of technical experience in appropriate discipline
- Able and willing to travel internationally
- Eligible to work in the United States without Sponsorship

MTU AENA takes pride in offering a competitive total compensation package and adheres to a philosophy of work-life balance. We are a team of hard-working, action-oriented individuals committed to the highest work standards. Our employees are empowered to excel within a flexible work environment that fosters career diversity, open communication, approachable management and a team-focused attitude. MTU AENA provides training and career development opportunities that position our employees for growth, allowing them to realize his or her full potential. Fueled by hard work and initiative, MTU AENA employees drive their own success in an environment that recognizes innovation and celebrates achievements.

If this sounds like your next challenge and you would like to join the team, apply by emailing your resume to careers@mtuusa.com

MTU AENA is an Equal Opportunity Employer. All applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, protected veteran status, sexual orientation, gender identity, or any other protected class.