



## AIRBUS NORTH AMERICA ENGINEERING

# JOB POSTING

Position: Engineering Specialist – Maintainability and Reliability

Department: Engineering Sciences and Certification

Location: MOBILE, AL

Reporting: Manager of Engineering Sciences and Certification

Description/  
Requirements:

### **SUMMARY**

Airbus North America Engineering - Mobile is a satellite office of Airbus North America Engineering (ANAE) engaged in the design, engineering and analysis of aircraft interiors, interior systems, and cargo systems. The Engineering Specialist – Maintainability and Reliability will apply considerable knowledge of aircraft operations and maintenance to deliver high quality design engineering solutions while assuring procedural compliance within assigned engineering project teams.

### **SUPERVISION RECEIVED AND EXERCISED**

This position reports to the Manager Engineering Sciences and Certification, and may have first line supervision by Engineering Team Lead.

### **PRIMARY DUTIES AND RESPONSIBILITIES**

The Engineering Specialist – Maintainability and Reliability is responsible to:

- Support Airbus new aircraft development programs as well as in-service aircrafts in the area of Reliability, Availability, Maintainability and Safety (RAMS) engineering analysis.
- Develop engineering solutions to reduce aircraft maintenance costs and increase operational reliability.
- Perform maintainability investigations and develop maintenance tasks analysis throughout the design phase of the product. Identify maintainability drivers to generate requirements and verification process to ensure that aircraft operating costs are achievable.
- Develop direct and indirect maintenance cost analysis, aircraft level operating costs, and life cycle costs for new cabin and cargo components being developed.
- Responsible to perform reliability analysis on new cabin or cargo systems, including mean time between failure (MTBF) and mean time between unscheduled removal (MTBUR) predictions.
- Perform failure mode and effects analysis (FMEA) on cabin and cargo components
- Monitor and record in-service discrepancies. Establish corrective action plan for correcting discrepancies in accordance with Airbus policies and procedures
- Provide engineering solutions for the development of BITE and On-board Maintenance Systems integration.
- Travel required 30% (some international).

### **EXPERIENCE AND EDUCATION GUIDELINES:**

- Bachelor's Degree (B.S.) from a four-year college or university; or equivalent combination of education and experience.
- Minimum of 10 years industry experience directly related to aircraft maintenance engineering.
- Airline experience especially in ATA 21, 23, 25, 26, 30, 38, 44 and 52.
- Familiar with EASA/FAA requirements and FMEA analysis

- Broad understanding of engineering principles and working knowledge of engineering design for maintenance and in-service practice.
- Must have strong capability in MS Office Products (Excel, Word, Project, PowerPoint)
- Familiar with CATIA or other CAD systems.
- Ability to be self directed and work in diverse teams.
- Ability to write reports, specifications, business correspondence, and procedure manuals in clear and professional terms.
- Excellent Communication & Organization skills needed, along with the ability to coordinate meetings.

Qualified candidates should submit resume referencing requisition number via email at [Mobile.hr@airbus.com](mailto:Mobile.hr@airbus.com) or via **fax to 251-434-7202. You must reference requisition #M2009-40.** As a leader in our field, Airbus provides relocation assistance and a comprehensive compensation and benefits package. To learn more about the benefits of employment with Airbus North America, please visit <http://airbus.benenet.net>

**Airbus North America Engineering is an Equal Opportunity Employer.**