



AIRBUS NORTH AMERICA ENGINEERING

JOB POSTING

Position: Engineering Specialist - Systems

Department: New Product Development

Location: MOBILE, AL

Reporting: Director of Engineering

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 – Systems will apply considerable knowledge of principles, theories, concepts, industry practices and standards 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 Director of Engineering – Cabin, Cabin Systems, or Cargo, may have first line supervision by Engineering Team Lead.

PRIMARY DUTIES AND RESPONSIBILITIES

The Engineering Specialist is responsible to:

- Develop and review system options for Airbus aircraft.
- Integrate into the systems team within Airbus Center of Excellence (COE) Cabin/Cargo in Germany/USA.
- Provide technical oversight of system vendor(s) to ensure delivery of integrated engineering solutions meeting technical, weight, program, schedule and cost targets.
- Assist in the engineering project activities of the system vendor(s).
- Provide a clear communication link between the vendor and the COE Cabin/Cargo team.
- Ensure that the design can be certified and all the necessary data for test and certification is produced.
- Ensure customer expectations are met.
- Strong liaison with other departments internally, externally and internationally.
- Develop and manage program enablers and ensure their timely and high quality delivery into Airbus.
- Develop solutions to a variety of complex engineering problems requiring judgment and ingenuity.
- Create drawings and models for project specific deliverables including feasibility studies, integration plans, clash investigation and resolution, and creation of production documents.
- Create Technical Specifications.
- Revise models and designs based on manufacturing and/or design requirements.
- Interface as needed with stress engineers, DMU, drafters, designers, suppliers and technical management personnel to assure manufacturability of designs.
- Resolve technical problems by all possible means including conferring with specialists that would critically affect performance, cost, or schedule.
- Organize the technical aspects of proposal development.
- Represents the Company to current customers or suppliers on technical matters related to the assigned project or technical specialty.

- Provide technical input to engineering project teams.
- Provide input to engineering processes and suggest modifications regarding the design and development of aircraft cabins and components.
- Provide input to the design engineering elements of the integrated project plan to ensure it is technically robust.
- Prepare engineering models and documents that meet or exceed compliance with engineering principles, regulatory requirements, company standards and customer contract requirements and apply those requirements.
- Work at great depth and/or breadth in skill or discipline.
- Develop solutions to handle the most complex tasks for which existing methods and procedures may not apply.
- Travel required 30% (some international).

EXPERIENCE AND EDUCATION GUIDELINES:

- Aircraft Systems Engineering experience, please list ATA chapter experience.
- Strong project or program management experience preferred.
- Must have extensive experience with Microsoft PowerPoint and Project.
- Ability to write reports, technical memorandums, interface agreements, work statements and requirements documents using good technical English.
- Ability to effectively present information to customers, both internal & external.
- Ability to develop and presents design and program reviews and answer questions thereto.
- Ability to map and understand complex engineering processes, and to extract information from those processes to include timescales, enablers, deliverables and risk.
- Ability to inter-relate with and motivate diverse teams.
- 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.
- Minimum 8,000 hours CAD experience required. CATIA V5 experience is preferred.
- Must have aircraft payloads and/or payloads systems integration experience.
- Must have strong capability in MS Office Products (Excel, Word, Project, PowerPoint)
- Understanding of the principles of aircraft design, structural analysis methods, processes and deliverables.
- Ability to read engineering drawings and schematics.
- Ability to be self directed and work in diverse teams.
- Ability to write reports, specifications, business correspondence, and procedure manuals.
- Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.
- 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 or via **fax to 251-434-7202. You must reference requisition #M2009-52.** 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.