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FECHA DE RECEPCIÓN	15 a go 2012
FECHA DE PUBLICACIÓN	21 ago 2012

NOMBRE DE LA EMPRESA	**UTC Aerospace Systems**
DIRECCIÓN	Venustiano Carranza no. 238-D Desarrollo Industrial Colorado Mexicali, B.C.
RESPONSABLE:	Lic. Juan Almiray HR Representative,
TEL (S) / FAX:	686 904 7932
PUESTO SOLICITADO:	**Stress Engineers level IV**

NOTA A EGRESADOS

Position Purpose/Objective

Formulates structural analysis of a complex nature using computer analysis. Conducts stress, fracture and fatigue structural analysis of aerospace components. Defines, directs and documents structural test efforts to assess the structural integrity of metallic and non-metallic aerospace products. Provides limited direction to others in stress analysis and may act as technical lead on assigned projects. Provides technical solutions to a wide range of difficult problems. Develops and validates standard work to solve problems.

Essential Responsibilities

Working independently or as a member of a product development team.
Perform substantiation stress analysis on new, complex, innovative aerospace hardware and components for nacelle systems and provide technical solutions to a wide range of technical problems.
Conduct design trades and optimization considering strength, weight, cost & producibility
Generate certification reports in compliance with FAR requirements, generate reports suitable for transmittal to Airworthiness Authority and customer, and participate in Preliminary Design Reviews (PDR) and Critical Design Reviews (CDR), and LEAN Events.
Methods of analysis will include Classical Hand Calculations, Finite Element Modeling using tools such as NASTRAN & PATRAN

Coordinate with internal and external customers through written, verbal and media presentation, consult with subject matter experts within our organization, understand their impact on product metrics and handle related responsibilities as needed

Experience Required
• Bachelor's degree in Engineering with 8+ years' experience performing stress analysis or Master's degree with 5 years' experience.
• Experience in classical hand analysis methods used in aerospace applications, along with Finite Element Analysis Tools such as NASTRAN & PATRAN or similar software applications are required.
• Experience in aircraft structural components static, durability, damage tolerance, EBU, Actuation system and Nacelle analysis preferred.
• Experience in a product development teams with engine / airframe companies highly desired

Skills Required:
• Strong background in structural analysis related to aircraft.
• Strong understanding of load paths and various aspects of airframe design using metals and composites.
• Provide technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organization objectives.
• Develops and validates SW to solve problems. Is able to consider the impact of decisions on product metrics.
• Expresses problems, issues, and opportunities to peers, supervision and leadership.
• Material properties and behavior (Composite & Metallic) or structural testing experience is preferred.
• Strong technical writing and PC skills with proficiency in MS Office (Word, Excel, PowerPoint).
• Excellent communication and presentation skills with the ability to work closely as a team with other international locations.
• Candidates must be able to communicate effectively in English, both verbally and in writing
• Candidates must have a current travel visa to enter the USA for training and event attendance purposes

INTERESADOS:	Interesados favor de enviar su CV a: mexicaliengjobs@utas.utc.com			
VACANTE CUBIERTA:	SI	NO	NO. DE EMPLEOS CAPTADOS EN ESTA BOLSA:	