



Senior Fracture Mechanics Engineer

Responsible for providing fracture mechanics support to Ares I and Ares V manufacturing and test article development and production.

Status: Regular/Full-time

Contact: John Cassimus, Vista Engineering and Consulting LLC, 205-307-6550

MS (PhD preferred) degree in Materials, Mechanical, Aerospace, or related field from an ABET accredited institution with a focus on fracture mechanics and a minimum of 4 years fracture mechanics engineering experience is required. Familiarity with fracture testing, specifications and data analysis is required. Experience with Fracture Technology Associates (FTA) hardware and software, MATLAB, ABAQUS, PATRAN/NASTRAN and NASGRO analysis software packages desired.

Job Description

Independently plan, schedule and coordinate material tests, perform data analyses, prepare and make presentations, and document results in technical reports, databases, and other appropriate means. Guide test engineers in developing new methodologies for fracture testing or to improve existing processes. Statistically analyze fracture data to develop design allowable data. Thoroughly review all results from assigned tasks and determine if outputs are complete, correct, integrated with project objectives, and adequately documented. Follow existing processes and procedures and recommend process improvements where appropriate.

Junior Fracture Mechanics Engineer

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Contact: John Cassimus, Vista Engineering and Consulting LLC, 205-307-6550

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