



FEA/CAE Structural Engineer

Responsibilities:

Supports all aspects of structures design, development and test responsibilities including linear elastic finite element models and composite laminate structures. Ensures that the design/model is properly tested and meets all necessary standards and regulations. Verifies the models provide a valid representation of the structural behavior. Determines internal stresses and extract interface loads at the structural joints. Provide technical input based on the analysis results to develop optimal designs.

Qualifications:

Overall metallic and composite knowledge with concentration on body panels and suspensions required. Must have previously worked with FEA (finite element analysis). Bachelor of science degree – mechanical engineering preferred with ten years body structures engineering and development experience. Linear elastic analysis and modeling of composite laminates experience preferred. Pre/Post processing software (FEMAP, NASTRAN, HYPERWORKS and NCODE) experience also preferred.