

AEROSPACE - Mechanical Engineer

Job Description

Design, develop, and test pulse detonation engine components and subsystems, including engine nozzles and cooling systems.

Requirements

- Basic knowledge of aircraft and rocket flight principles, mechanisms and avionics
- Knowledge and experience of a rocket or jet engine parts and equipment
- Experience in CAE; users of FEA and 3D CAD software such as Autodesk Fusion 360, knowledge of drawings and drafting skills) - Knowledge of thermodynamics and fluid dynamics
- Knowledge of the properties and manufacturing processes of materials such as metals, resins, and composites
- Bachelor's degree from an accredited institution of higher learning with a major in Mechanical or Aerospace Engineering