

TURKISH FIGHTER - X



We are seeking enginners or part-time students for Structural Design positions for 5+ fighter aircraft. Please check details and send your CV.

Emre YABAN – Structural Design Manager
eyaban@tai.com.tr





Structural Design Engineer

- Turkish Fighter structural design department is seeking for Design Engineer to support key technical thrusts for the design team in Ankara.
- Ideal candidates should have the requisite skills in mechanical & structural engineering design fundamentals to apply to 5+ gen fighter project to gain life time experience.
- Candidates shall be responsible for structural design using 3D CAD tools to model geometry and create detailed drawings.
- Candidates should be able to support the build process and ensure design and assemblies meet technical performance objectives, as well as cost, and schedule constraints.

Primary Responsibilities

- Performs trade studies, conceptual and detail design definition that meet or exceed specifications for aircraft.
- Performs required first order analysis for aero, structures, payload, weight & balance, power, etc to size systems to vehicle technical constraints to meet range, speed, and performance metrics.
- Creating 3D conceptual structural design.
- Create technical specifications design components and assemblies in 3D modeling tools
- Works under direction of principal engineer to support new concepts designs, brainstorming efforts and 'out of the box' next generation structural design.
- Manages performance of critical suppliers, as required, to ensure subsystem compliance and delivery.

Qualifications (Required Skills/Experience)

- B. Sc. in Mechanical or Aeronautical Engineering or Part-time students
- Knowledge of mechanical design principles
- Knowledge of materials and manufacturing methods
- 3D CAD design experience
- Knowledge of Product lifecycle managements (PLM) software
- Good communication and team work skills