



---

**IMMEDIATE JOB OPENING  
BROOKSHIRE, TX.**

---

Title: Design Engineer  
Department: Engineering  
Pay Type: Salary  
Requisition Number: 10179  
Work Schedule: Full time position  
Travel Required: 20%

---

**Thomas Instrument:**

- Is a leading privately held provider of engineering solutions and manufacturing excellence for complex, critical aerospace flight control hardware.
- Has a stable workload (varied customer base) with a strong domestic and international reputation for quality and integrity.
- Has two engineering and manufacturing facilities.
- Offers all phases of product development and lifecycle management, supporting a highly diverse product mix. Thomas Instrument is AS9100D, NADCAP, and FAA certified.
- Has a friendly atmosphere and an outstanding safety record.
- Full benefits available including immediately vested 4% match to 401k plan.

**Job Description:**

At Thomas Instrument, Design Engineers are responsible for the design, development, and integration of aircraft mechanical systems with secondary emphasis in the fields of hydraulics, pneumatics, and manufacturing. Design Engineers must be able to read, interpret, and create technical drawings, schematics, and computer-generated reports.



## **Job Requirements and Qualifications:**

### **Knowledge**

- A minimum of a Bachelor of Science Degree in Mechanical or Aerospace Engineering from an accredited university.
- Basic understanding of engineering principles and industry standards for mechanical systems and the application of electro-hydraulic components.
- Basic understanding of component design including material selection, tolerance assignment and heat-treat selections.
- Basic knowledge of Project Management Planning (PMP).
- Basic understanding of Geometric Dimensioning and Tolerancing (GD&T).

### **Skills and Abilities**

- Ability to analyze and produce technical reports for customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost and maintenance requirements of those designs and applications.
- Ability to design and conduct research that tests and analyzes the feasibility, operation, and performance of equipment, components and systems.
- Ability to analyze problematic situations, seek relevant data, diagnose information in order to solve problems and generalize alternative methods to identify the best possible solution.
- Ability to work with numbers, gathering statistical data, analyzing and interpreting it in a clear and accurate way.
- Computer literate performer with excellent software proficiency covering wide variety of applications.
- Ability to effectively interface with customers, team members and individuals in technical discussions and solutions.
- Ability to relate to coworkers, inspire others to participate, and mitigate conflict with coworkers.
- Ability to manage multiple assignments and tasks, set priorities, and adapt to changing conditions and work assignments; flexible team player who thrives in environments requiring ability to effectively prioritize and juggle multiple concurrent projects.
- Ability to follow written and verbal instructions.
- Ability to accept, learn and adapt to new technology.
- Ability to respond to, anticipate and manage change.
- Enthusiasm in pursuing a project, task, subject or activity.
- Ability to listen, write, and speak to convey information effectively.



**Experience**

- 1 year of experience in aerospace mechanics and/or hydraulics desired but not required. Experience in industrial and other related backgrounds will be considered.

**Work Eligibility (ITAR):** U.S. Citizen or Permanent Resident.

To apply for this position, apply online at [www.thomasinstrument.com](http://www.thomasinstrument.com) and include the job title and requisition number in the subject line.

Thomas Instrument is an EEO employer. Applicants are considered for all positions without regard to race, color, religion, sex, national origin, age, veteran status, medical condition (GINA), or disability.