

Engineer I

Location: IRVINE, CA, United States
Job Family : Engineering
Job Type : Regular
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Job Description

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Engineer I – Military Flight Controls Division

Parker Hannifin is a Fortune 250 global leader in motion and control technologies. For more than a century, the company has been enabling engineering breakthroughs that lead to a better tomorrow.

At Parker Aerospace, we develop technologies and innovative solutions that enable reliable, efficient and increasingly sustainable flight for the lifecycle of the aircraft, including aftermarket support. Our passionate people with deep engineering expertise, together with our breadth of differentiated technologies, ensure that we make the extraordinary happen and continue to shape the future of aviation in partnership with our customers.

As a member of our team, you are instrumental in fulfilling our mission: 'Enabling Engineering Breakthroughs that Lead to a Better Tomorrow.' Pursuing a career at Parker presents unlimited opportunities for both professional and personal development. Working with some of the most brilliant minds in the industry, your contributions will be pivotal in developing innovative technologies and products, significantly contributing to Parker's goal of addressing the world's most pressing engineering challenges. At Parker, our team members belong, matter and make a difference.

Military Flight Controls Division Supporting aircraft worldwide, Parker Aerospace's Military Flight Controls Division (MFCD) provides primary and secondary flight control systems that make flight possible. Tested, proven and trusted in commercial and military applications for decades, MFCD provides precise position-control actuation solutions for military aircraft across the United States and with foreign partners. The division's JetPipe® electrohydraulic servovalve (EHSV) technology is used across commercial and military aircraft around the world. Headquartered in Irvine, California, the Military Flight Controls Division is the global leader in fly-by-wire flight control systems and electrohydraulic products and offers the world's most advanced motor design capabilities for flight controls.

POSITION SUMMARY:

Researches, analyzes, designs, and tests component parts, processes, or systems to develop new and/or improve core products. Develops and recommends solutions for technical project assignments using fundamental principles of mechanical, electrical, packaging, or other engineering disciplines.

RESPONSIBILITIES:

Collaborating in a team environment develops assigned portions of design by analyzing specifications and performance requirements. Performs routine design and supports development of assigned products (e.g. new mechanical or electromechanical components, subsystems, and systems) by applying basic engineering principles and established analytical tools.

Investigates product development factors such as ease of manufacture, availability of materials and equipment, interchangeability, strength-weight efficiency, contractual specification requirements, cost-defining recommendations, and change proposals.

Completes defined technical tasks (e.g. modify product functional specifications, detailed drawings and schematics; define data elements and structure; analyze and interpret test reports). Develops reports and documentation in response to technical information requests.

Conducts routine analysis and/or tests to evaluate product designs, methods, materials or processes and completes required technical documentation by applying engineering principles and company standards, and generating reports, procedures, or change proposals as required.

Provides technical information for review with product engineering and design review teams. Consistently applies established engineering practices, standards, and documentation methods. Contributes to supporting documentation for procedures and technical reports.

Adopts lean product development and standard engineering development and techniques.

Maintains professional and technical knowledge by attending educational workshops, reviewing technical publications, and/or participating in professional associations.

Work assignments may include cross-functional or project team responsibilities. Contributes and supports other teams or individuals as needed.

The essential functions have been provided as examples of the type of work performed by employees assigned to this job classification. The Company reserves the right to modify the work assignments and/or to make reasonable accommodations so that qualified employees can perform the essential functions. The job description is not intended to be an all-inclusive list of duties and responsibilities. It is intended to describe the general nature of the position.

QUALIFICATIONS:

Bachelor's degree (BS) (or Professional Engineer (PE) certificate) in an engineering or science technical discipline. Professional entry level position. May have limited prior industry experience or have worked with direction in student internship programs.

Fundamental knowledge of engineering domain principles, concepts, and techniques.

General knowledge of industry products, customers, and related legal/regulatory requirements.

Fundamental knowledge of and use of basic engineering design and analysis tools (e.g. computer-aided design programs). Learns and utilizes specialized engineering databases; may require programming skills.

Develops familiarity with products and customer specifications and standards applicable to assigned product line or system.

Ability to communicate status of technical tasks and actions taken with clarity and precision.

Ability to work with general direction and instruction regarding the scope of assignments; determines the priority and order of assignments; and applies judgment in selecting procedures and techniques.

Ability to read, analyze, and interpret technical journals and reports. Ability to present findings and information in both formal meetings and informally within and across Parker teams.

COMPETITIVE COMPENSATION

- Pay Range: \$72,650 annually to \$121,050 annually
- Participation in Annual Incentive Program

BENEFIT AND RETIREMENT PLANS

Parker offers competitive benefit programs, including:

- Comprehensive coverage for medical, prescription drugs, dental, vision, voluntary optional life, accident insurance, hospital indemnity insurance and critical illness insurance with competitive premium cost.
- 401(k) Plan with company matching contributions at 100% of the first 5% of pay
- Company provided defined-contribution retirement plan with annual contribution equal to 3% of pay
- Career development and tuition reimbursement
- Other benefits including paid parental leave, short and long-term disability programs, adoption assistance, a Care.com membership and financial planning assistance are provided at no cost to you.
- Supplemental benefit programs including identity protection, legal protection, and pet wellness are available at competitive rates.
- Paid Time Off and 13 Company-Paid Holidays.

DRUG-FREE WORKPLACE

In accordance with Parker's policies and applicable state laws, Parker provides for a drug-free workplace. Therefore, all applicants seeking employment with Parker will be subject to drug testing as a condition of employment.

This position is subject to meeting U.S. export compliance and/or U.S. Government contracting citizenship eligibility requirements.

Parker is an Equal Opportunity and Affirmative Action Employer. Parker is committed to ensuring equal employment opportunities for all job applicants and employees. Employment decisions are based upon job related reasons regardless of race, ethnicity, color, religion, sex, sexual orientation, age, national origin, disability, gender identity, genetic information, veteran status, or any other status protected by law. However, U.S. Citizenship, Permanent Residency or other appropriate status is required for certain positions, in accord with U.S. import & export regulations.

("Minority / Female / Disability / Veteran / VEVRAA Federal Contractor")

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