

Senior Systems Engineer – Landing Gear Systems



COMPANY OVERVIEW

Founded in 1987, Stirling Dynamics has grown from a handful of expert engineers to a team of 100+ staff. The success of the company is made possible through a customer-focused, can-do culture. Everything we do is underpinned by our company mission statement:

- To deliver innovative technical services and technology solutions into our core markets
- To build sustainable, beneficial relationships between suppliers, clients and institutions
- To be recognised as an innovator and catalyst of new technologies
- To continue to make valuable investments for the future through education, research and development

STIRLING AT A GLANCE



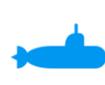
70+

Aircraft worked on



300+

F-35 pilot control sets produced



10+

Navies supported worldwide



30+

Years of service



6

Technical papers presented to industry last year



70%

Percentage of exports

STRATEGY AND BUSINESS PERFORMANCE

Strong financial performance is essential to support investment and growth. Looking forward we aim to achieve the following objectives:

- Increased business development and marketing activities to develop new markets
- Addition of new engineering capabilities to meet emerging customer needs
- Technology refresh for control products and systems
- Increased investment in training and professional development schemes

BENEFITS



Up to 30 days

Annual Leave



Tax/NI savings

Pension Scheme



10am-4pm

Flexible Working

½ day Friday



Up to £1,000

Cycle to Work



Personal/Company

Bonus



Up to £3,000

Recommend a Friend



Private

Healthcare



2x salary

Life Assurance

We offer a range of benefits to our employees to recognise their efforts. Playing hard is equally as important as working hard, so regular events are held throughout the year which provide an ideal opportunity to mix socially.

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THE ROLE

Due to an increase in volume of work from new contracts and supporting continued growth, Stirling Dynamics is looking for talented Systems Engineers with proven industry experience and a detailed understanding of aircraft landing gear systems and equipment to join our team.

A solid knowledge of aircraft hydraulic systems (ATA 29), landing gear systems (ATA 32) and the ARP4754A systems design process will be key to the success of this role as will a considered client facing attitude to performing the work.

Stirling's projects cover both fixed wing and rotary wing aircraft for UK and internationally based customers. The role is based in our Clifton office and will also require international travel deployments to our customer sites.

KEY ACCOUNTABILITIES

The key accountabilities for the role are varied and will include:

- Supporting our clients in the completion of landing gear system and equipment design, development and certification.
- Supporting system and equipment level modifications.
- Working to resolve in service issues.
- Preparation and/or checking of documentation for the equipment/system design process.

QUALIFICATIONS, KNOWLEDGE AND SKILLS

Candidates should be able to demonstrate specific experience in one or more of the following areas:

- New equipment/system design and development for civil aircraft programmes
- Fixed wing aircraft equipment/system design and development
- ATA 32 landing gear
- ATA 29 hydraulic power
- Systems design process (ARP4754A)
- Braking and steering control systems and equipment
- Extension and retraction system and equipment
- Landing gear structures

General skills and experience must include:

- Familiarity with typical electro-mechanical / hydro-mechanical components used in landing gear systems and structures.
- Experience working to CS-23/-25 requirements.
- Awareness of industry requirements / specifications such as DO160, RTCA, SAE, ARINC, etc.
- Knowledge of ARP4754 - Guidelines for Development of Civil Aircraft and Systems
- Excellent communication, interpersonal and presentation skills.
- Familiarity with Microsoft Office applications: Word, Excel, Power Point, Outlook etc.

Familiarity with tools such as; CATIA, ADAMS, DOORS would be advantageous but not essential.

PERSONAL CHARACTERISTICS

The personal qualities of the candidates will be key to success in this fast paced dynamic environment and it demands a self-motivated attitude with a real drive to progress. Candidates must be able to identify with the characteristics and qualities detailed below:

- Enthusiastic, self-motivated and able to demonstrate initiative.
- Ability to travel and spend time with the customer on international deployment
- Confidence and ability to present to an audience.

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- An ability to manage multiple, complex tasks and the drive to follow tasks through to a successful outcome.
- The confidence to challenge practices and the willingness to question to gain a full understanding of issues.
- A willingness to embrace change and an ability to identify and implement new processes.
- The capability to work efficiently and accurately, with an attention to detail, and the discipline to self-manage.

FACTS AND FIGURES

Pay & Benefits – Competitive Package

Department - Systems

Reporting to – Capability Manager for Systems

Location - Clifton

Contract type – Permanent or Contract

Job Reference – 17/17