



**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-focussed, 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.

## Systems Engineer: Mechanical Systems

### THE ROLE

Due to an increase in volume of work from new contracts and supporting continued growth, Stirling Dynamics is looking for a talented Systems Engineer with proven industry experience, of 5+ years in mechanical systems product development and a can-do attitude, to join our team.

A solid knowledge of CS/FAR Part 25 regulations and compliance, preferably related to flight control and/or landing gear systems, 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 to be primarily based in our client's office in Japan for 12-18 months. Opportunities are available for a return to the UK office after this time.

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### KEY ACCOUNTABILITIES

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

- Supplier coordination, document reviews (including QTRs)
- Creation of system description and system analysis documents
- Investigation and root cause analysis of hydro-mechanical systems
- Supporting our clients in certification and compliance to CS/FAA requirements
- Supporting certification test planning activities and documentation
- Preparation of certification test reports and certification summary documentation
- Managing the offload of work to a UK based team of systems engineers
- Managing the delivery of tasks back to the client's team

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### QUALIFICATIONS, KNOWLEDGE AND SKILLS

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

- New equipment/system design and development for civil aircraft programmes
- Certification activities –certification planning and certification summary/compliance
- CS/FAR 25 - Large Aeroplanes
- Flight Control Systems (ATA 27)
- Hydraulic Power (ATA 29)
- Landing Gear Systems (ATA 32)
- Systems design process (ARP4754A)

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### PERSONAL CHARACTERISTICS

- Professional attitude - Able to act as a company ambassador
- Ability to appreciate and work with customers of different cultures
- Organised and diligent
- Excellent communication skills
- Flexible, can-do approach
- Ability to deal with multiple conflicting requests
- Self-motivated to see tasks through to successful completion

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### FACTS AND FIGURES

Pay & Benefits – Competitive Package, Accommodation and Travel Paid, Subsistence Allowance

## **Systems Engineer: Mechanical Systems**

Department – Systems & Safety  
Reporting to – Technical Manager for Systems & Safety  
Location - Japan  
Contract type – Permanent/Contract  
Job Reference – 25/19