



## RECRUITMENT

<b>REFERENCE NUMBER:</b>	YIISYS1120
<b>JOB TITLE:</b>	Assistant Systems Engineer (Year In Industry)
<b>LOCATION:</b>	Denham, Middlesex

Martin-Baker is the world's leading manufacturer of ejection seats and related equipment.

It is the only company that can offer a fully integrated escape system that satisfies the very latest in pilot operational capability and safety standards. Martin-Baker offers a complete 'end-to-end service', from helping the customer to establish operational safety and escape requirements, including design, development and qualification, to on-going support throughout the entire service life of the aircraft.

<b>DEPARTMENT NAME:</b>	Systems Engineering Department
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### JOB DESCRIPTION

The primary role of the Systems Engineering Department is to ensure that our aerospace systems meet our customer's performance requirements. In this role, the Department is responsible for most aspects of analytical engineering within the Company. The position will require you to undertake a wide variety of project related engineering tasks including some or all of the following:

- Miscellaneous engineering analyses
- Technical requirement analysis/specification preparation
- Feasibility and trade studies
- Simulation-based studies
- Test matching
- Pyrotechnic simulation
- Software development
- Report writing
- Presentation preparation
- Intensive use of Excel and other technical/analytical software

### SECONDARY ACTIVITIES / TASKS

- To undertake any other duties and responsibilities as required / instructed in order to maintain and / or improve the efficiency, quality and service provided by the Systems Engineering Department.

### EDUCATION & QUALIFICATIONS:

- You must be working towards a good degree (1<sup>st</sup> or Upper 2<sup>nd</sup> Class Honours) in an appropriate science based subject (e.g. general engineering, aeronautical or aerospace engineering, systems engineering, physics, mathematics, etc).

#### SPECIFIC / TECHNICAL SKILLS

- Communication skills: able to communicate verbally, in presentation format and in writing
- Good data analysis skills
- Good Excell, Word and Powerpoint skills

#### PERSON SPECIFICATION:

- Attention to detail – thorough, accurate and concern for all the areas involved
- Driven to achieve results – checks own work, and demonstrates a positive approach
- Judgement and decision making – evaluates decisions
- Planning and organizing
- Analysis and problem solving – sees basic relationships and reacts positively
- Willing to adapt to a variety of tasks
- Team player – with the ability to work independently
- Self-starter
- Enthusiastic
- Motivated to learn new skills

#### KNOWLEDGE & EXPERIENCE

The ideal applicant will have:

- A sound grasp of scientific / engineering theory balanced with a practical approach to engineering problems
- Some work experience in an engineering company

**For all successful candidates, Martin-Baker will undertake background security checks. As part of this, we will need to confirm your identity, employment history and address history to cover the past five years as well as your nationality, immigration status and criminal record. For positions that require Security Clearance, the successful candidate must hold or be willing to obtain security clearance up to the relevant level for the role.**

#### BENEFITS

Salary circa £18,500 pa

Pension Scheme

25 Days annual leave

Healthcare scheme

Opportunity to work alongside experts who can help you to obtain a wide understanding of an engineering business

We offer you the chance to develop new skills and gain a strong industry experience

#### TO APPLY:

Complete an application form found at <http://martin-baker.com/careers/year-in-industry/> and return to [recruitment@martin-baker.co.uk](mailto:recruitment@martin-baker.co.uk) quoting the REFERENCE NUMBER ABOVE