



RECRUITMENT

REFERENCE NUMBER:	YIIDRE1220
JOB TITLE:	Assistant Design Reliability Engineer (Year In Industry)
LOCATION:	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.

DEPARTMENT NAME:	Design Support
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JOB DESCRIPTION

The role holder should be a student who is looking for a twelve-month programme within our Design Support Department. The role of the Design Support Department considers the in-service use of Martin-Baker products. The aim of the department is to provide technical support services for customers, as well as ensuring that in-service 'lessons learnt' and requirements are translated into the design during the development and qualification of the products. The department is made up of a number of disciplines and considers various aspects of how the product will be used and how technically acceptable it is during all phases of the engineering process, from Design concept, testing, qualification, production and throughout its life cycle.

The position will require you to undertake a wide variety of project related engineering tasks including some or all of the following:

- Marginality of Success Analysis
- Reliability Analysis
- FMECA
- Maintainability Analysis
- System Safety Analysis
- Hazard Analysis
- Report Writing / Technical Documentation
- Integrated Logistic Support Analysis
- Presentation Preparation
- Use of Excel and other Technical/Analytical Software

You will be provided with appropriate training/mentoring in support of conducting these tasks.

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 Design Support Department.

EDUCATION & QUALIFICATIONS:

- You must be working towards a good degree (1st or Upper 2nd Class Honours) in an appropriate science based subject (e.g. most engineering disciplines such as mechanical 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 analytical approach to problem solving
- Good Excel, Word and Powerpoint skills
- Able to read and visualize technical drawings and schematics

PERSON SPECIFICATION:

- Sound grasp of scientific/engineering theory balanced with a practical approach to engineering problems
- 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 - effective time management skills and prioritizing tasks
- 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

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 quoting the REFERENCE NUMBER ABOVE