



RECRUITMENT

REFERENCE NUMBER:	SRTEEN1217
JOB TITLE:	Senior Environmental Test Engineer
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:	Environmental Test
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JOB DESCRIPTION

A vacancy has arisen for a Senior Environmental Test Engineer working in the Environmental Test department at the Denham site. The role holder is responsible for producing detailed, precise and technical documentation to describe the test procedure to be enacted, criteria against which success shall be measured and requirements being met. Generating through test, data analysis or a combination of the two, credible and substantive evidence to demonstrate compliance with the environmental requirements of customer specifications. Producing detailed, precise and technical test reports to present the results, analysis and technical discussion in order to obtain customer approval. Providing technical support for queries raised both internally by ET colleagues as well as externally by internal and external customers

AREAS OF RESPONSIBILITY:

- Conduct and supervise product testing.
- Evaluate post test data, through reduction analysis and interpretation of instrumentation data and develop analysis tools.
- Preparation of Test Procedure, plans and schedules to include test facility selection and oversight, test design and fixture development
- Prepare and issue Test Reports for review and approval by customer(s) both internal and external to MBA
- Assist in the development of test programmes in order to satisfy programme and customer requirements
- Provide guidance and support to junior test engineers on issues of test conduct, results interpretation and fault investigations.
- Conduct detailed analysis of any failure encountered during Test.
- Advise internal and external customers/suppliers/partners etc on Test queries.
- Provide advice to customers, government authorities (US Government, MOD etc.) and suppliers on technical matters related to Testing.

EDUCATION & QUALIFICATIONS:

- Degree in Mechanical / Aeronautics / Electronics engineering or similar discipline.

PERSON SPECIFICATION:

- Attention to Detail – thorough, accurate and concern for all the areas involved.
- Drive to achieve results - sets own standards, checks own work, and demonstrates a positive approach.
- Judgement and decision making - evaluates key decision making criteria.
- Planning and organising - organises work of self and contributes to the planning for the department
- Analysis and problem solving - sees basic relationships and reacts positively
- Working collaboratively - actively contributes to achieve organisational objectives

SPECIFIC/TECHNICAL SKILLS

- Sound grounding in Health and Safety relating to test environment.
- In depth knowledge of Test and Measurement Instrumentation. Knowledge of signal processing and analysis.
- Knowledge of Vibration and Climatic test techniques and systems.
- Extensive data analysis skills.
- Advanced knowledge of Excel, Word, and PowerPoint tools.

KNOWLEDGE & EXPERIENCE

The ideal applicant will have:

- Broad experience in conducting successful environmental tests and producing reports and technical data.
- Familiarity of Military and civilian test standards including MIL-STD-810, RTCA DO-160 & Defence Standard 00-970.
- Highly developed communication skills: able to communicate verbally, in presentation format and in writing at senior level; able to develop links with other technical specialists within the business.
- Some familiarity with people management.

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.

TO APPLY:

recruitment@martin-baker.co.uk Quoting the REFERENCE NUMBER ABOVE and Salary Expectations