

## Job Description

<b>Job title:</b>	Senior Threat Vulnerability Analyst (STVA)
<b>Grade:</b>	P3
<b>Division:</b>	EWOS
<b>Reports to: (job title)</b>	Lead TVA

### JOB PURPOSE

The provision of Air Platform Protection (APP) advice, through threat vulnerability assessment and countermeasures development to the APPTES customer on the customer site.

### KEY DUTIES AND RESPONSIBILITIES

- To provide advice, as required and requested by the customer on any threat systems within your sphere of experience.
- Where requirements are outside your experience, to investigate requirements such that you are better able to provide the required level of advice.
- To assist in the planning, execution and analysis of Electronic Warfare trials as required.
- To be available to support UK or overseas trials for up to 6 weeks duration at a time, to an annual limit of 10 weeks per annum.
- To support meetings anywhere in the UK, as required and directed by the customer.
- To maintain a professional level of understanding of either RF or IR theory and operation of relevant systems as required and directed by the Lead TVA.
- To develop and maintain an expert understanding of the following general systems: Missile Warning Systems, Radar Warning Receivers, Electronic Support Measures, Electronic Countermeasures, Directed IR Countermeasures, Countermeasure Dispensing Systems, RF and IR Expendable Decoys and any other systems that may, from time to time, become appropriate to the role.
- To carry out countermeasures development in accordance with locally accepted procedures.
- To maintain the required level of understanding of and ability to program in MATLAB, as required and directed by the Lead TVA.
- To maintain the ability to be able to analyse large and complex data sets from multiple sources.
- To produce and deliver reports and briefs to technical and non-technical customers as required and directed by the Lead TVA.
- To provide coherent and consistent support and advice to the customer by maintaining effective communications and working practices within the team.
- To be prepared to work in adverse conditions when the situation warrants in support of customer trials activities.
- To work under your own initiative whilst keeping the Lead Analyst informed of direction, key

**DISCLAIMER:** This is not necessarily an exhaustive list of all responsibilities, duties, skills, efforts, requirements or working conditions associated with the job While this is intended to be an accurate reflection of the current job, management reserves the right to revise the job or to require that other or different tasks be performed as assigned

conclusions and decision points.

- To ensure that the Lead TVA is aware of your expected location during working hours.
- To maintain appropriate UK security clearances.
- To maintain a full UK driving licence.
- Comply with Company policies and procedures
- Adhere to the MASS values.

## COMPETENCIES

### Job Functional Knowledge

- Requires in-depth knowledge of principles and practices in an area of work and basic knowledge of other related areas
- Solves relatively complex problems
- Works independently receiving minimal guidance
- May lead projects or have accountability for on-going initiatives
- Acts as a resource for less experienced colleagues

### Job-Functional Knowledge

- Requires in-depth conceptual practical knowledge in own knowledge area and basic knowledge of related areas of work

### Business Expertise

- Has knowledge of best practices and how own area integrates with others; is aware of MASS's competition and the factors that differentiate them in the market

### Leadership

- Acts as a resource for colleagues with less experience

### Problem Solving

- Solves complex problems; exercises judgement on the analysis of multiple sources of information

### Impact

- Impacts a range of operational, project and service activities within the team and other related teams; works within broad guidelines and policies

### Interpersonal Skills

Explains difficult or sensitive information; works to build consensus

## QUALIFICATIONS / EXPERIENCE

### Essential:

- Degree in a relevant area (STEM)
- 5 years' experience in Electronic Warfare
- Deep understanding of MATLAB programming
- Knowledge of either RF or IR countermeasures techniques

### Desirable:

- Experience of working within a team
- Knowledge of both RF and IR countermeasures techniques

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## Declaration

*"I have received, reviewed and fully understand the above job description. I further understand that I am responsible for the satisfactory execution of the essential functions described therein, under any and all conditions as described":*

<b>Name:</b>	
<b>Signature:</b>	
<b>Date:</b>	

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