

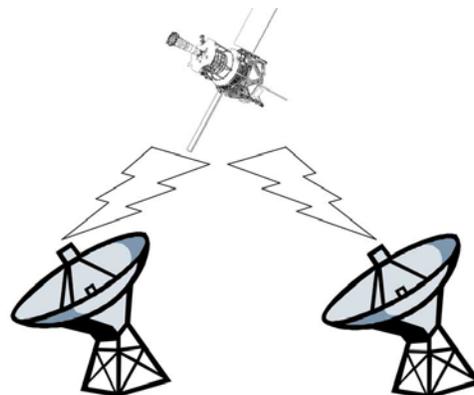
JOB DESCRIPTION: UAV Telemetry Engineer

A career in Engineering & Sciences: ENGINEER III (FRACAS)

General Atomics Aeronautical Systems - Poway, CA

Duties:

Engineer III duties include: FRACAS (Failure Reporting, Analysis and Corrective Action System) engineering investigations, root cause analysis, and makes recommendations for design improvements based on findings. Review and recommend changes to fault isolation, test procedures and troubleshooting procedures for UAV systems based on failure investigations. Performs functional testing and troubleshooting of equipment and systems in assigned areas.

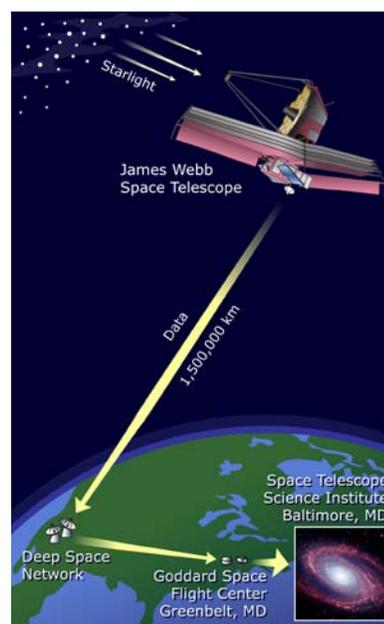


Engineer will obtain and analyze test data and UAV telemetry data, determine root cause of UAV system failures and corrective actions in support of the FRACAS program, devises solutions that can be implemented on fielded UAV systems, to resolve unusual or complex engineering problems. Coordinate investigations and resolution with Engineering, Manufacturing, Programs, Material Control, and Quality departments. Maintain RELEX FRACAS database, monitors status of open investigations, tracks open FRACAS items, and generate reports for management and customers. Develop and deliver Power Point presentations to management and customers. Overseeing a team of multi-disciplined engineers throughout the entire failure analysis process and make recommendations to the Failure Review Board (FRB). This position may also include guiding the efforts of junior and mid-level engineers as required. Responsible for observing all laws, regulations and other applicable obligations wherever and whenever business is conducted on behalf of the Company.

Requirements:

Typically requires a Bachelors degree in Engineering or related technical field and four or more years experience with a Bachelors degree. Individual must have strong analytical skills and ability to generate technical reports from findings. A strong working knowledge of MS Office products (Word, Excel, and Power Point) and excellent report writing capabilities are required. Must have a strong electrical and/or mechanical background and willing to work with various test equipment.

Ability to work independently or as part of a team. Must be a self starter. Must have good interpersonal skills and ability to work with others successfully. Must have strong written and oral communications skills, and be comfortable presenting



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complex technical material to colleagues and customers. Must be able to multi-task and willing to work within aggressive deadlines. Able to work extended hours when required. Must be able to obtain a security clearance.

Desirable Qualifications:

Direct experience supporting a FRACAS program is highly desired. Familiarity with RELEX software is desired. Experience with aircraft systems including avionics, flight control, data link, engine, servo and mechanical systems is a plus. Ability to operator standard electrical test equipment is a plus. EOE

Minimum Experience (years): 4

Education: Bachelor Degree



Shadow 200 RQ-7 – Tactical Unmanned Aircraft System, USA



Links to more Information click below:

<http://www.army-technology.com/projects/shadow200uav/>

Courtesy: General Atomics Aeronautical Corp., US Army
Photos Courtesy: einstien.stanford.edu, NASA, US Army

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