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# Example of Flight Test Engineer Job Description

Our growing company is looking to fill the role of flight test engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for flight test engineer

* Develop a program execution plan with associated schedule and metric tracking
* Provide engineering direction in the form of leadership to team members (accountability)
* Host/coordinate technical meetings
* Make decisions/give direction
* Develop your understanding of flight technology
* Participate in technical learning and career mentoring
* Build tools to manage data across several company databases to track flight and ground test issues
* General knowledge of aircraft in the areas of avionics, payloads, propulsion (diesel piston and turboprop), basic aircraft control and basic aerodynamics in order to manipulate data for analysis
* Prepare the FT campaign, defining and validating on-board and real time (telemetry) follow-up means
* Developing and maintaining flight test support materials and mission flight test profiles

## Qualifications for flight test engineer

* Proficiency in of the following programs/applications (Visual BASIC, CAD, C++, &/or MATLAB) preferred
* Bachelor’s degree in Engineering from a four year college or university
* Must have worked with cost accounting and estimating practices
* You must be able to give presentations to provide effective governance information to the project team and to Management
* Software algorithm design and test
* Avionics, Sensors, Tactical Displays, Mission Computing