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# Example of Flight Controls Engineer Job Description

Our company is looking for a flight controls engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for flight controls engineer

* Oversight of DO-160 (or similar) EMI and environmental testing
* Verification of requirements
* Creation of certification artifacts
* Perform limited project engineering tasks such as providing project status to engineering management
* Contribute to the engineering estimates for moderate to large scope electrical designs
* Individual job duties may vary
* Serve as the primary engineering focal point to the OEM customers and LCVSM’s point of contact for product development
* Generate program bids and estimates for new change request to existing products
* Mentor other engineers in the requirements development process, safety aspects of commercial aircraft fly-by-wire systems, and systems engineering processes
* Creation and validation of design requirements then decomposing requirements into an integrated verification plan for compliance / certification

## Qualifications for flight controls engineer

* Basic knowledge of ARP4754A and working knowledge of ARP4761
* Experience with Configuration Management tools (such as DOORS, Subversion)
* Knowledge on how to prepare and present technical information to peers, to all levels of internal management, and to external customers
* Knowledge on how to coordinate several projects and complex engineering activities while balancing priorities and schedules
* Engaging in effective time management, working with a great deal of independence
* Experience developing or modifying Matlab, SIMULINK and C