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# Example of Propulsion Engineer Job Description

Our company is looking for a propulsion engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for propulsion engineer

* Oversee all process functions, document control and continuous improvement within propulsion component processes as assigned
* Project management for large (or large portions of) projects for Advanced Propulsion Assembly Equipment
* Supports development of propulsion systems by evaluating and interpreting needs and problems and develops effective approaches to resolving those issues
* Provides leadership and direction for the activities of designers, technicians and may direct the activities of less experienced professional staff
* May represent the organization as a prime technical contact within and engineering team for assigned propulsion supplier(s)
* Integration of propulsion systems into advanced rotorcraft platforms, including engine performance analysis, engine inlet and exhaust design and analysis, and fluid cooling design and analysis
* Design and test fuel systems for advanced rotorcraft platforms, including integration of complex software and hardware and system performance analysis
* Master’s Degree in the Engineering disciplines mentioned above is preferred
* Develop (design, analyze, build, and test) propulsion engines, fluid components (i.e., valves, instrumentation, ), tanks/pressure vessels, and/or fluid systems for the Dragon spacecraft
* Assess main propulsion system hazard reports and track controls

## Qualifications for propulsion engineer

* Program management skills are a plus
* Experience managing / coordinating small technical teams is a plus
* Familiarity with requirements and interface management a plus
* Experience with multicultural environments (especially Russian / Ukrainian) is a plus
* Experience with aerospace propulsion systems is preferred, but not required
* Candidate must possess good interpersonal and communication skills, both written and verbal, problems solving skills with ability to work with a diverse group of people including technicians, engineers and management and in a variety of work environments