Our growing company is hiring for a dynamics 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 dynamics engineer

- Prepare structural reports and presentations and work with other contractors to find resolution to problems
- Create/integrate reduced finite element models
- Perform modal and transient analysis
- Establishing requirements for flight control systems functionality and performance to ensure flight safety and Part 25 certification
- Supporting design and analysis for augmented airplane handling qualities and control law development
- Developing, documenting, and inspecting aerodynamic and system simulation models for the purposes of flight dynamics analysis
- Conducting, analyzing, and documenting the results of simulation laboratory evaluations of the airplane
- Supporting flight test activities, including updating and validating the aerodynamic simulation models
- Supporting Functional Hazard Analysis, including validating the hazard classification of various failures and combinations of failures
- Significant experience with random vibration (vibroacoustic) analysis and testing

## Qualifications for dynamics engineer

- Ability to troubleshoot complex technical situations, and deliver messaging to

- Customizing Dynamics AX solution through X++ and MorphX
- Contribute into building the integration of AX to the overall system of information
- Drive the administration and parameterization of AX
- Troubleshoot, identify design flaws and suggest solutions