

Aerodynamics Engineer Cover Letter

340 Windler Gateway Skiesland, UT 29439

Dear Dallas Schulist,

Please consider me for the aerodynamics engineer opportunity. I am including my resume that lists my qualifications and experience.

In my previous role, I was responsible for analysis and flight simulations related to the Orion MPCV (Multi Person Crew Vehicle) Parachute Assembly System.

Please consider my experience and qualifications for this position:

- Experience designing and completing experimental testing in fluid dynamics
- BS in Engineering (Aerospace preferred, Mechanical, or related)
- Aerodynamics Engineering Experience
- Familiarity with CAD/CAE
- Build 6DOF aerodynamic databases based on missile DATCOM, CFD, and wind tunnel testing to include jet interaction
- Analyze safe separation characteristics with CFD analysis
- Conduct aerodynamic characterization analysis across flight envelop for 6DOF simulation
- Support autopilot design in 6DOF simulation

Thank you in advance for taking the time to read my cover letter and to review my resume.

Sincerely,

Emery Herzog