

Position: Flight Dynamics Engineer (full time)
Time: Immediate (Winter 2016/17)
Location: Somerville, MA
Contact: jobs@altaerosenergies.com
Website: www.altaerosenergies.com



Altaeros Energies seeks a talented Flight Dynamics Engineer to play a pivotal role in the development of the Altaeros autonomous buoyant flight platform. The ideal candidate will have an aerodynamics or vehicle dynamics background and experience using MATLAB and Simulink for data analysis, developing or validating systems models, and/or developing control software. He or she thrives in a fast-paced, dynamic work environment, working to solve some of the most exciting and important global challenges.

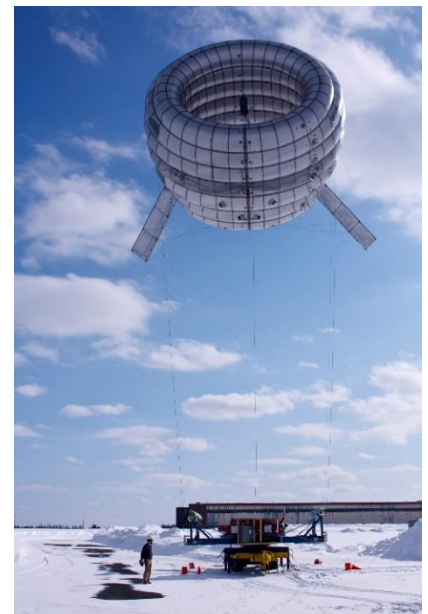
Qualified candidates should submit a CV, cover letter and optional portfolio with the subject [Flight Dynamics Engineer – Your Name] to jobs@altaerosenergies.com.

Qualifications:

- Experience using MATLAB and Simulink for data analysis, developing or validating systems models and/or developing control software.
- Knowledge of control theory and dynamic system modeling.
- Outputs high quality work and pays attention to detail.
- M.S. in Aerospace or Mechanical Engineering, or a highly-related field.
- Entry level to 3 years' working experience.

Responsibilities/Activities:

- Run existing Matlab/Simulink flight dynamics model for buoyant tethered flight system.
- Compare simulation data against alternate configurations or flight data, propose and develop improvements to configuration or model.
- Verification and library storage of flight data from Altaeros prototypes including sensor and video data.
- Opportunity to be involved in a wide range of additional activities in a dynamic engineering team.



About Altaeros Energies, Inc.

Our mission is to deliver the next generation of infrastructure to rural and isolated communities around the world. And to have fun doing it! We combine proven technology with flight control innovations that enable cost effective autonomous deployment of tethered airborne platforms. Applications for Altaeros' products include power generation, telecommunications, and technology enabled agricultural services. Founded in 2010, Altaeros launched the world's first fully functional airborne wind turbine in 2012 and is now working to develop the first commercial version.