OVERVIEW

Private research in support of new fixed-wing aircraft concept for potential start-up operation. The project is estimated to last 3 months. Hours required may vary week to week. Estimate 5 to 15 hrs any given week.

Roles and Responsibilities
Complete parametric studies to determine evaluate various small fixed-wing aircraft configurations. Utilize CFD and other numerical techniques to compare design inputs (such as engine size, weight) to corresponding key performance parameters such as take-off distance, cruise/stall speeds, and range. Utilize these studies to determine an optimized aircraft design concept given specific mission objectives.

Education and Qualifications
Prefer MS-level Aerospace engineering graduate or graduate student.

Preferred Skills
Experience with CFD simulation software and other numerical techniques for accomplishing aircraft conceptual design and analysis.

How to Apply
Please email resumes to: willzone77@gmail.com