

Micro Unmanned Paraglider

Status: Filled

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Project Description

The proposed project is focused on the comprehensive design and building of a micro paraglider system, as well as a purpose-built launcher tailored for optimal deployment. The proposed micro paraglider will be crafted for portability, agility, and ease of deployment, ensuring adaptability across diverse environments. Also, a specialized launcher will be developed to facilitate a controlled and precise takeoff, optimizing the overall operational capabilities of the system. The project's objective is to create an integrated solution that enhances the control, deployment, and usability of micro paragliders across various applications, ranging from reconnaissance to surveillance and rescue missions. The combined efforts in paraglider and launcher design aspire to yield a versatile and robust system that can be deployed rapidly and effectively in scenarios where other commercially available uncrewed aerial vehicles (UAVs) may be impractical.