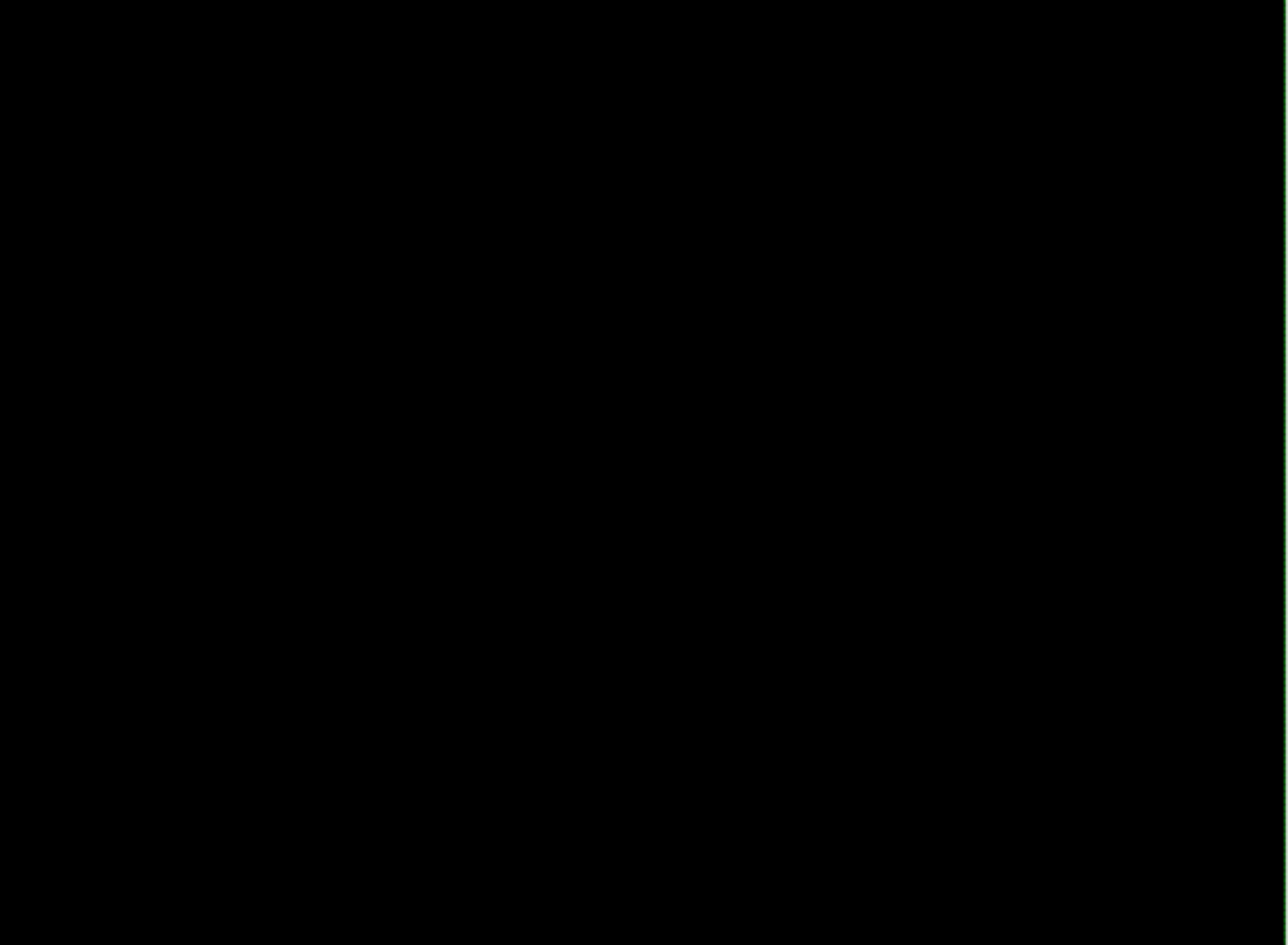


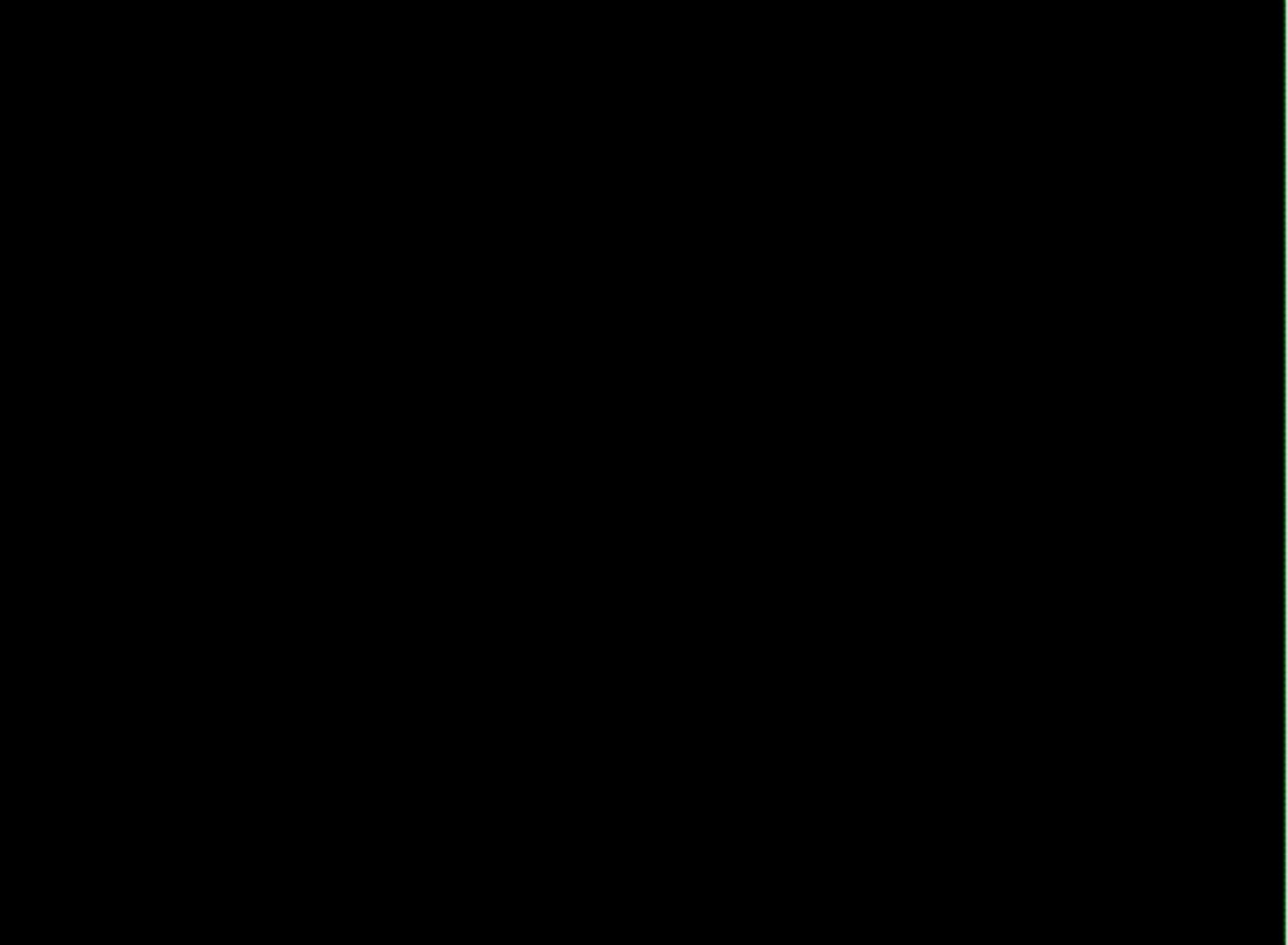


**Autonomous Aerial Delivery System**

**using tilt-rotor VTOL UAV**

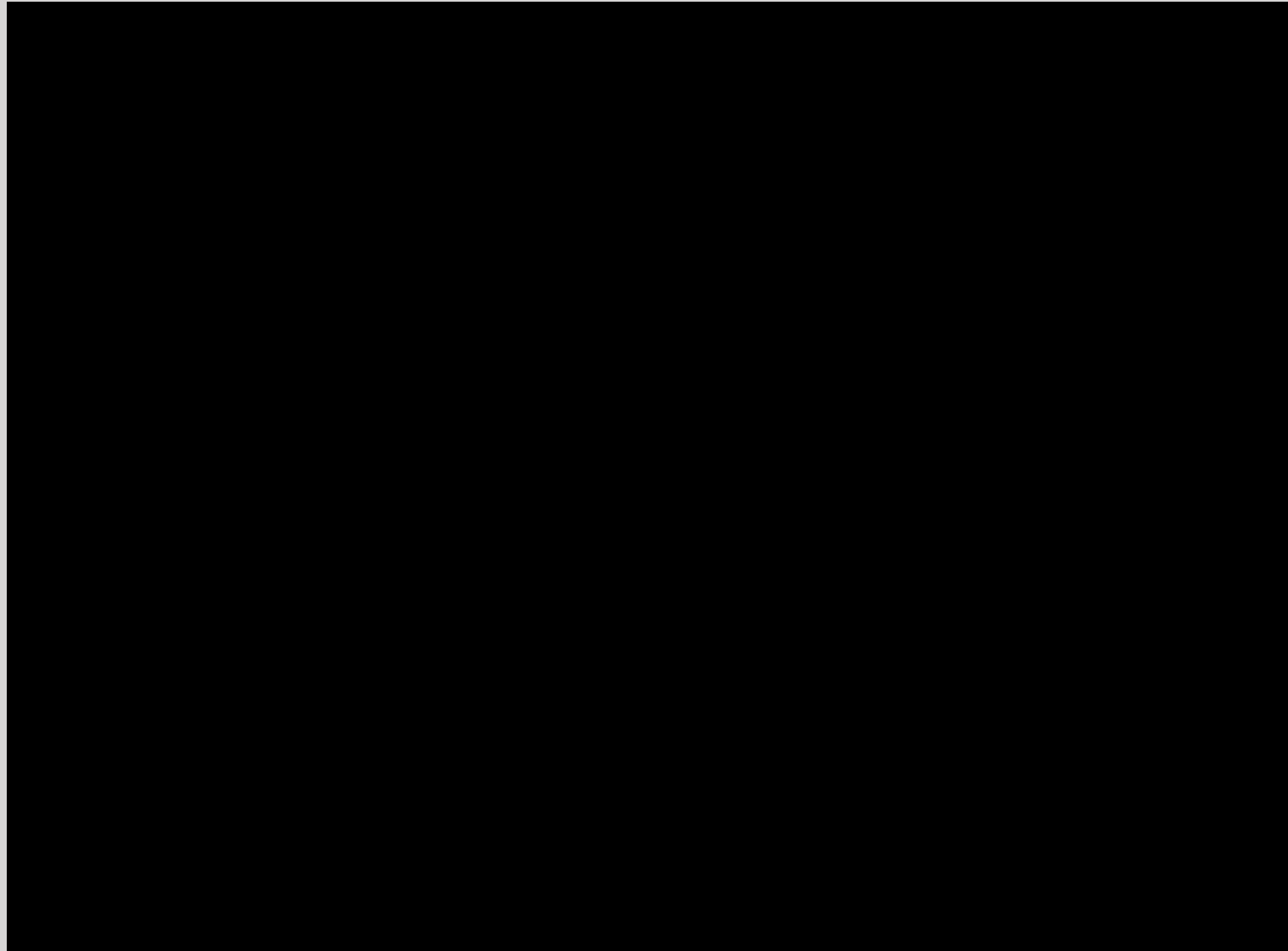
**TernDeliAero**







# Autonomous Aerial Delivery System using tilt-rotor VTOL UAV



Team DeliAero

# Overview

- Traditional Quadcopters have low range, endurance and speed as they have almost no aerodynamic system. We wanted a design that had the benefits of both a plane and a Quadcopter to make fast, reliable and robust delivery system.
- Our Primary focus is to improve Endurance and Range - an important characteristic for UAV market. Making it suitable for various industries
- Autonomous Systems are not fully reliable at the moment and also lack high speed obstacle avoidance and complex end of trip path planning required in delivery applications.