

Conclusions

- The Single Axis Tilt-Rotor Mechanism add stability and efficiency to the plane.
- On-Board Computer Vision and Sensors allows real-time intelligence and can hence help in pre-landing phase.
- The Hybrid UAV seems to perform well both in Quad and Fixed Wing mode and seems to be stable.

Outcomes

- UAV based delivery service
- Attachment for various sized containers
- Medical and Emergency Deliveries
- Aerial Surface Mapping Data
- Surveillance
- Real-Time Pilot Control
- Autonomous And Real Time Control
- Collision Avoidance and Smart Weather Adaptation