

FAMU-FSU College of Engineering

Emergency Management Drone Team 307

Introduction

Emergency management drones are used countrywide in searches where foot searches are neither efficient nor safe. The purpose of this project is to design a UAV capable of assisting search and rescue teams in finding targets.



Objectives

- Design a vehicle with the goals of increasing flight time, flight range, improving camera stabilization, and adding more user interface options
 - Minimum 20 min flight time
 - Minimum 1km flight range from ground source
 - Maximum 2kg weight
 - Automatic pathfinding
 - GPS module



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