UC Irvine

SSOE Research Symposium Dean's Awards

Title

Survivor Detection Location Unmanned Aerial Vehicle

Permalink

https://escholarship.org/uc/item/8fs6p8x7

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SURVIVOR DETECTION LOCATION UNMANNED AERIAL VEHICLE

GOALS

Engineer an autonomous drone outfitted with a microwave system capable of heartbeat detection through various mediums in disaster situations.

OBJECTIVES

- \$1,200 Product Cost
- 15 Minute Assembly
- 30 Minute Flight Time
- 15 Feet Material Penetration
- Autonomous Flight Control









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