

UNMANNED AIRCRAFT SYSTEM - UAS

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A NATURAL DISASTER CUTS OFF THOUSANDS OF PEOPLE FROM FOOD AND FIRST-AID SUPPLIES. TIME IS CRITICAL. *WHAT DO YOU DO?*

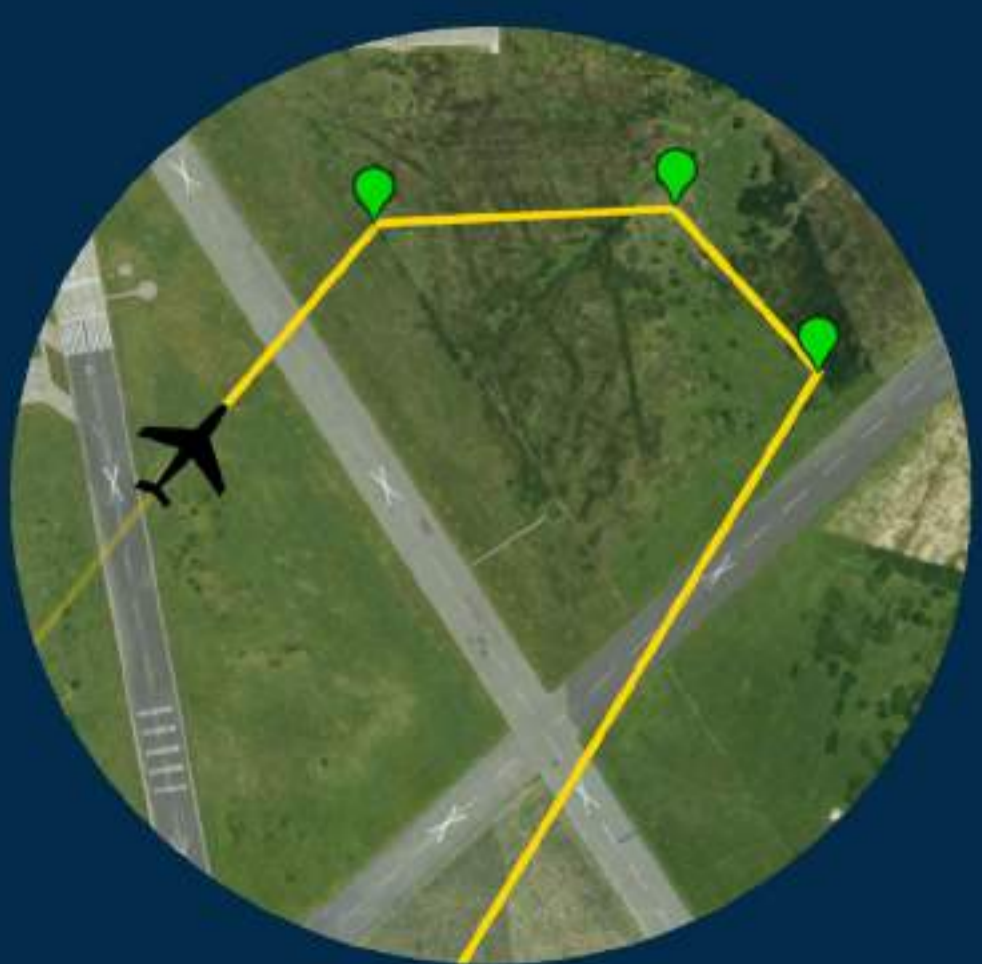
THE UCL UAS DELIVERS AID ACCURATELY TO THE AFFECTED AREA, OPERATING AUTONOMOUSLY AND DEPLOYED IN LARGE NUMBERS TO GIVE A LIFE-LINE TO THOSE IN NEED.



D E L I V E R S A I D

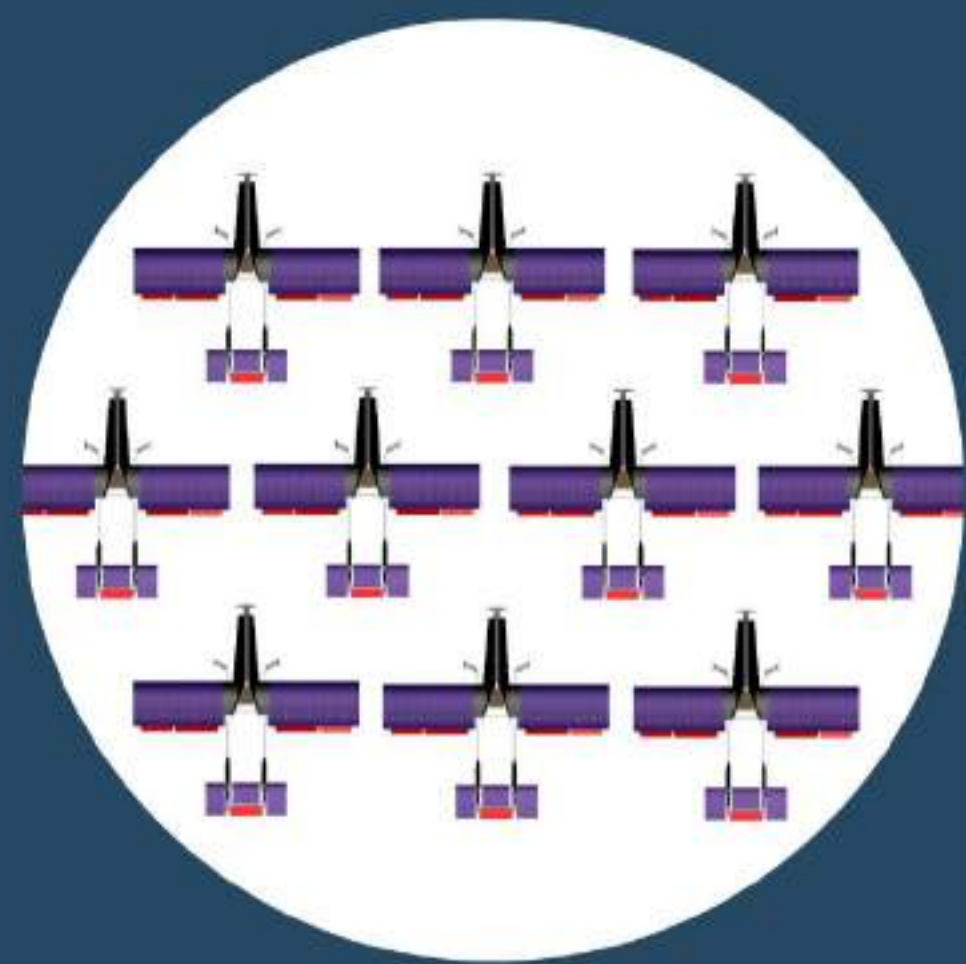
AUTONOMOUSLY

- Takes off, flies and lands without a pilot.
- Flight path programmed prior to take-off.
- Uses existing solutions customised for the UAS.



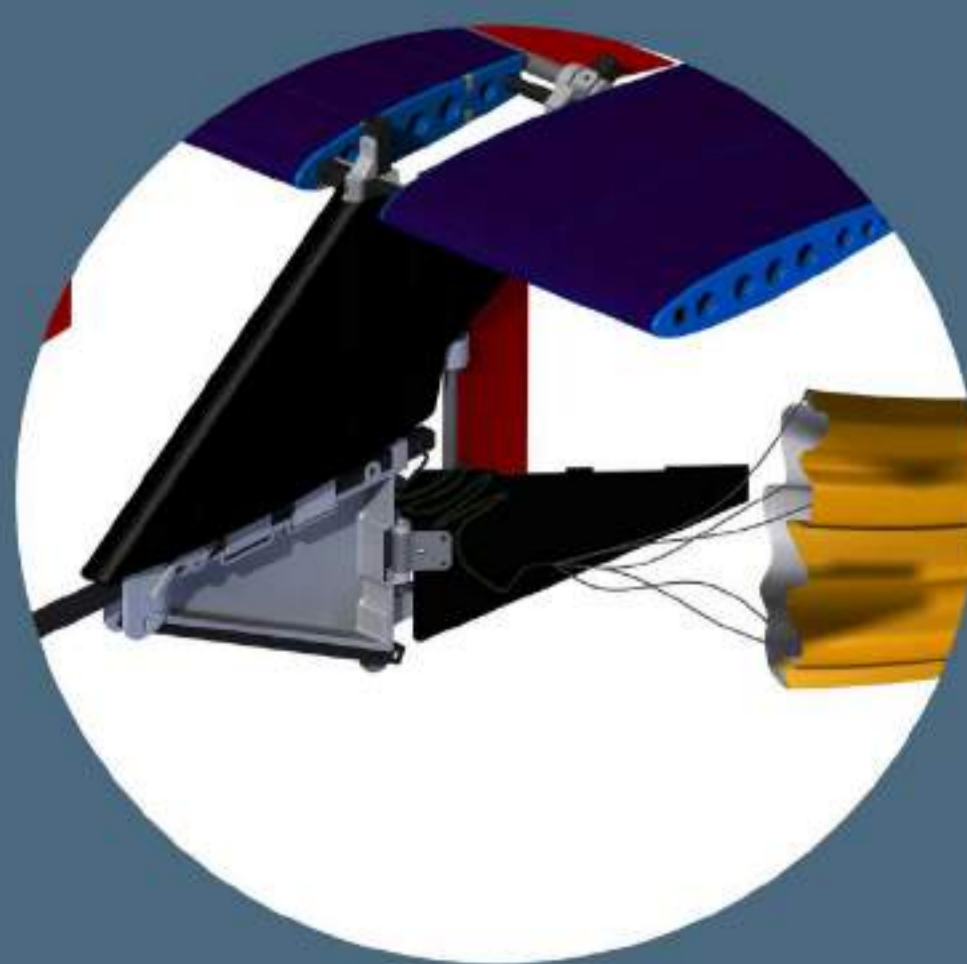
ECONOMICALLY

- Under £1,000 to build, assemble and fly.
- Costs less than an Apple Macbook.
- Allows a large effort for continuous aid delivery.



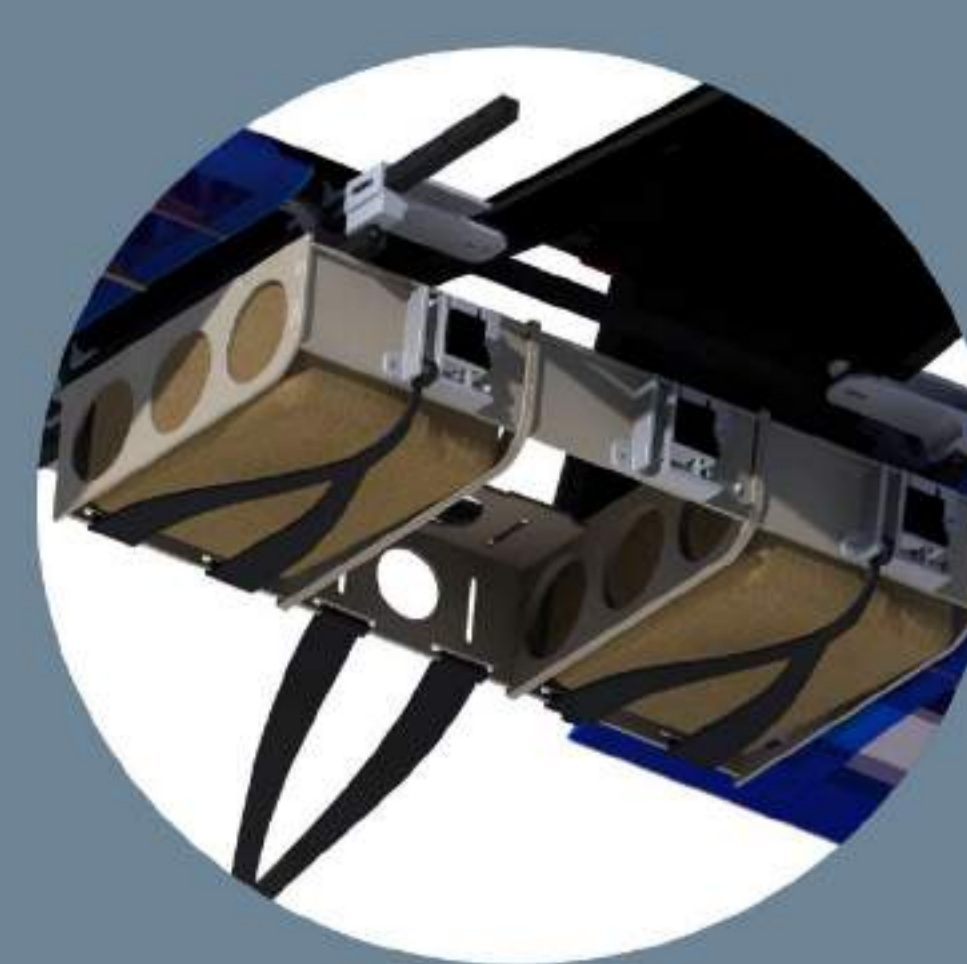
SAFELY

- Two parachutes can slow the UAS to a stop
- Are automatically released if signal is lost
- Allows safe operation over populated areas.



TO MULTIPLE AREAS

- Delivers individual payloads separately.
- Activates automatically when the UAS is in the right position.



INNOVATIVELY

- Custom, carbon fibre 3D printed airframe.
- Lightweight, yet rigid.
- Allows more supplies to be carried.

