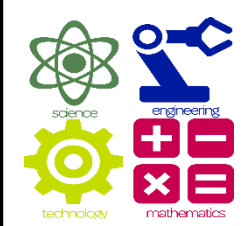


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Near Space Balloon Project



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Goal of Launching a Near Space Balloon

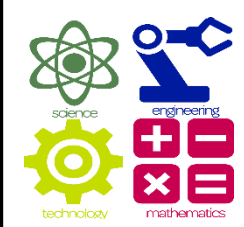


**DISCOVERY MUSEUM ACHIEVED BALLOON LAUNCH
AND RECOVERY SEPTEMBER 2015**

Previously Accomplished

Parts and Supplies Readily Available

Experienced People Willing to Help



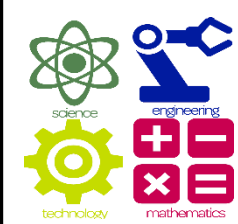
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Supplies



Balloon
Parachute
Cargo Bay
Payload



Payload

Camera

GPS

Video Transmitter

Communication Radio

Controller

Temperature Sensor

Altitude Sensor

Data Recorder

Visual and Audio Beacon

Environmental Controller

Altitude Control System





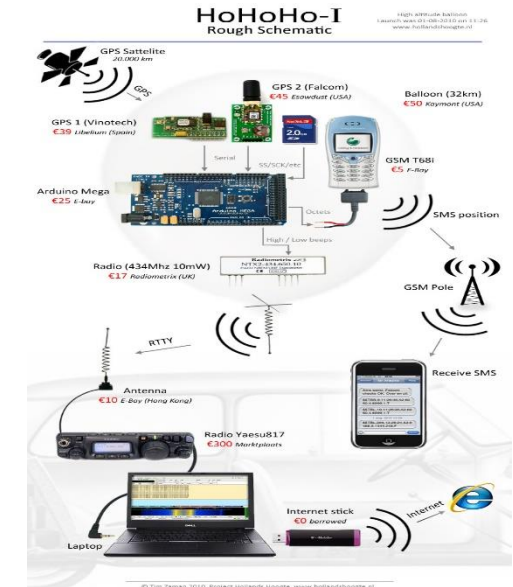
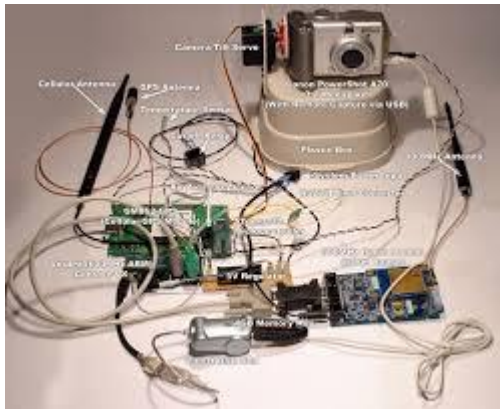
Features

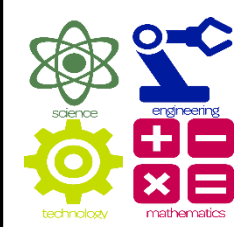


- Real time streaming video, with stored video as a backup.
- GPS real time locator, landing beacon as a backup.
- Altitude, Temperature.
- Two way communication.
- Altitude descent, signaled descent, parachute descent.

CONTROLLED FLIGHT

- Can add or remove helium to the balloon during flight.
- Controlled descent soft landing.



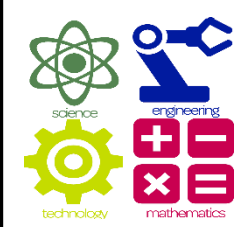


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Tracking Software

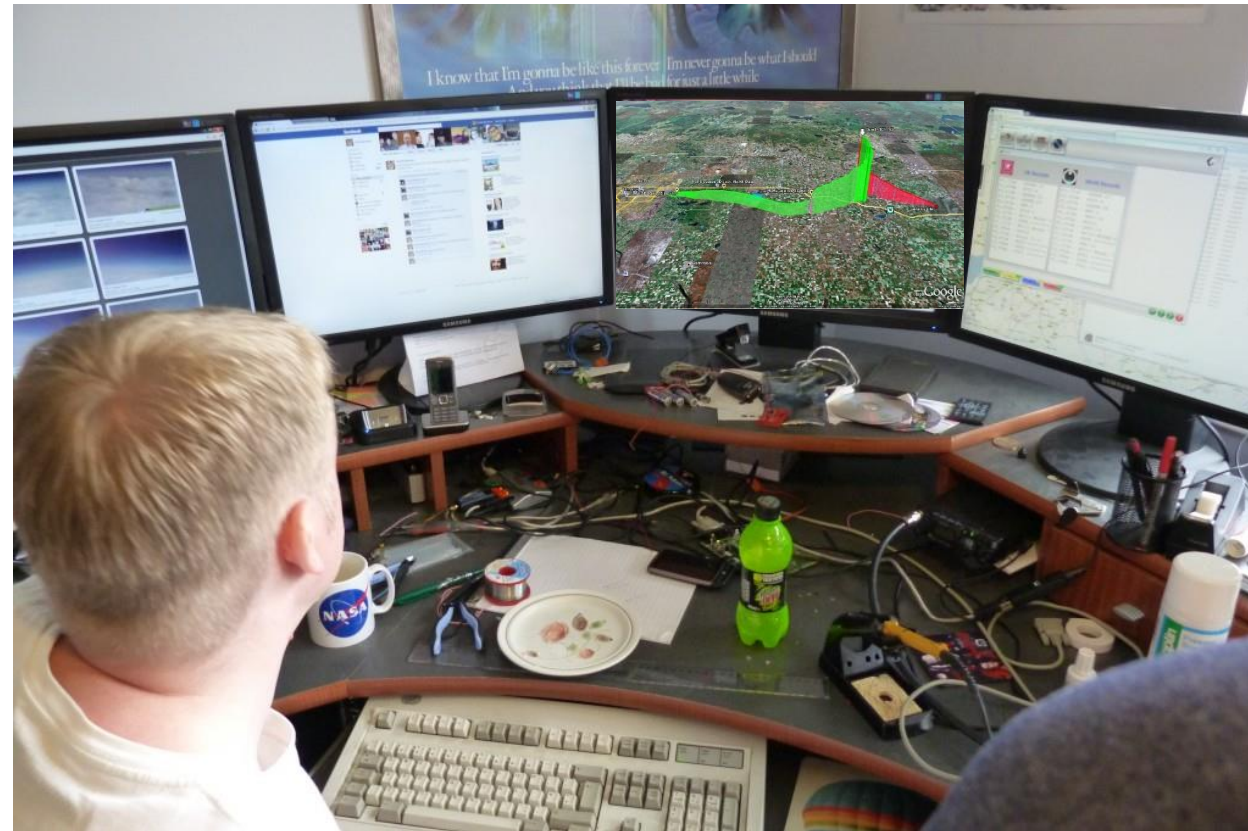


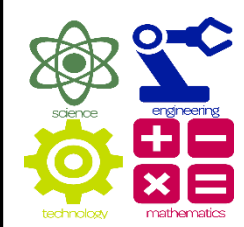


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Command Center





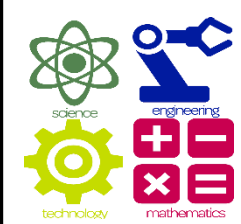
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Disciplines For Success



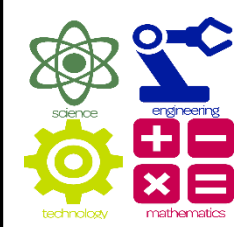
Collaboration
Information Management
Methodology
Program Management
Computer Science
Software Development
Math
Physics
Engineering
Tool Development
Test



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DREAM BIG

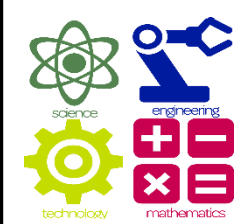


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Any Questions





Goal

We would like the Balloon project to be a stepping stone in launching a QubeSat.
It is achievable and has been done before.

If Bridgeport University the Discovery Museum and Fairchild Wheeler are willing to collaborate we are willing to assist.

We should revisit the original proposal and make some commitments.