Today:

- Announcements

- Guest Lecture on The Next Big Thing in Space
Announcements:

- USB Drives for Data

- Data for Teams 3, 6, and 8 unlabeled

- End of Semester Team Evals handed out last class due 12/12
Announcements:

Expo Details and Advice
- Take this seriously
- No format but include the following:

1. Draft of Final Report
2. Flight Hardware
3. Results from Engineering and Mission
4. Failure analysis
5. Post Flight testing results
6. Multimedia of project
7. Acknowledgement of those that helped
8. Well formatted/organized
9. Interactive Demo (bonus)
Announcements:

- I will visit your booth between 9:00 and 10:30 AM
- Must be present to collect any rewards from me
- Actual judging by real judges starts at 9 AM
- OK using shifts before and after judging

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<th>Team</th>
<th>Time</th>
<th>Judges</th>
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<td>Nick</td>
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<td>High flyersz</td>
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<td>Russ</td>
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<td>Eye in the sky</td>
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<td>I caras</td>
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<td>Tom</td>
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<td>Team America</td>
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Expo Recap:
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Reminders:

- **HW #10** (Due 12-12-13 9:30 AM)
- **THANK** those that helped you (Tim, Jared, Peter, etc)
- 12/05  Guest Lecture The Next Big Thing in Space
- 12/10  Class Survey + Videos + FCQs
- 12/10  Final Presentations 6:00 – 9 PM **HERE**
- 12/12  Final Class + Team Videos + Hardware Turn-in + Final Team Evals DUE
- 12/16  Final Exam and DD Rev D – DLC 1B70 1:30 to 4:00 PM
Reminders:

- Don’t forget about community service by end of the semester

- Maps, radios, coolers…

- EOSS Meeting on December 10, 2013
Tuesday 12/10...

AM - FCQs, Team Videos, Surveys

PM – Final Presentations
Questions?

Colorado Space Grant Consortium
Dr. James Stuart:

- Internationally recognized space consultant
- Inventor, an author and a serial entrepreneur
- Consulted to over 110 companies in 12 countries
- 21 patents
- Currently a Board Director of 4 entrepreneurial, high-tech companies, and 2 civic and non-profits
- Been Board Director of 39 companies
- Professional expert witness in 4 major space industry litigations
- Currently CEO of Space Tug Corp.
Dr. James Stuart:

He was…

- Founding Chief Engineer of Orbital Sciences Corp.

- Chief Scientist and Chief Engineer at Ball Aerospace

- Assistant Laboratory Director of LASP
Dr. James Stuart:

He was…
- Program Manager at CalTech/JPL of both:
  - Solar Mesosphere Explorer (launched 1981)
  - Mars Observer (launched 1992)
Dr. James Stuart:

- Member of three graduate engineering faculties of the University of Colorado at Boulder for 19 years
  > Electrical Engineering
  > Telecommunications
  > Aerospace Engineering

- Ph.D. Systems Engineering (1979)
- M.S. Operations Research (1977)
- M.S. Electrical Engineering (1974)
- B.S. in Physics (1968)
Dr. James Stuart:

- Received NASA's Exceptional Service Medal

- Author of a graduate engineering, two-volume text 'Satellite Communications Systems’ and co-author of 'Telecommunications: An Interdisciplinary Text’

- Published over 170 professional papers
Dr. James Stuart:

- Taught Chris’s Gateway to Space Class at CU Boulder in the Fall of 1988

- Class was amazing…
  - use of paper
  - energy
  - classified secrets

+ inspirational
Guest Lecture:

Dr. James Stuart
Entrepreneur