Gateway To Space

ASEN 1400

Class #19

Colorado Space Grant Consortium
Today:

- Announcements

Then...

Team Day –
Announcements:

- **Community Service** Approvals due 03/20
  - Chris will bring back to class on 03/22

- Next round of Grades available

- Send Grade Questions to **prof.koehler@gmail.com** with GRADE in the subject

- Ready for Flight Cards today
Ready For Flight (RFF) Card:

- Fully completed (I mean everything) at check in on April 6, 2018

- Read it now and use it now (Examples )

- Ways to fail...
  - “I emailed that.”
  - “It’s in the DD Rev C”
  - “I didn’t know what that meant”
Announcements:

- Flight batteries – Ordered and should be here by Thursday
Next Thursday...

In-Class Mission Simulation Testing

Plus Spider if time
Demo Day:

- One person per team come up with BalloonSat
- Line up
- Turn them on when I tell you
- Let them run (at your table) until end of class

- I don’t expect it to be fully operational
- I do expect it to do something
- It must do everything by this time next week
Present:
Falcon 9 (Space-X)
Thrust: 5,885,000 N
Fueled Weight: 505,846 kg
Payload to Orbit: 13,150 kg LEO
Cost per launch: $61,200,000
Cost per kg: $4000
Launches: 3/4
Nov 30 '11, Dragon RNDZ ISS
Questions?