

GreenCube 4/ALTAIR Lessons Learned

Launch Team:

- Have the payload ready before starting inflation. Waiting for payload readiness could be harming the balloon.
- Tare weight vs. scale: scale doesn't work when windy. Need tare weight for backup.
- Wind conditions: 13 mph with gusts up to 22mph, but this was after proposed window. Gusts are principal problem.
- Confirm required distance between payload and ground stations.
- Use the big silver tarp, not the smaller clear ones
- Car rental needs to happen more than one day ahead.
- Remember to thank the airport manager before leaving.
- Having carts was useful, should keep bringing them if we have room.
- RF problems

Recovery Team:

- Tim and Jon don't like just DNT vs DNT and ham; perhaps a gps emergency locator. or a phone which could be called. time delayed from launch instruction to send gps every 10 min from time a to time b.
- Recovery team wants to move once updated coordinates are known.
- Tracker program should be able to take input from either payload.
- Whether or not to recover ALTAIR from tree, and how. max/yorke?