Recommended “Homework” for Rocketry Lesson 6 10/17/2017

Reading

* read Chapters 13, 14, 15 in the High-Power Rocketry book

Tote

* buy spray paint and primer, if you are going to paint your rocket

Exercise

* finish your OpenRocket model and check it (total weight and balance point without a motor) against your completed rocket; ballast model if need be
* finalize a time slot for your team to do your final check-out (one-on-one with Prof. Flaten and/or with Danny) – the rocket needs to be completed (except perhaps for painting) and your Flight Readiness Review needs to submitted at least 24 hours before this time – choose a date between Tuesday, Oct. 24 and Wednesday, Nov. 1 (Note – avoid Oct. 27 through 29)
* finish and submit Flight Readiness Review

Building

* finish av-bay build and wiring and programming – significant progress by next Tuesday
* do final tweaks – bleed hole, vent holes (possibly in more than one place), calculations for upper rail button (but get permission first)
* do final plans – grind down delay charge, expected ejection charge size

Document repository: [*http://www.aem.umn.edu/people/faculty/flaten/Rocketry\_Remote\_Lessons\_Fall\_2017/*](http://www.aem.umn.edu/people/faculty/flaten/Rocketry_Remote_Lessons_Fall_2017/)

Danny’s evolving photo-build instructions – check back regularly: [*https://docs.google.com/presentation/d/14IxzFs65U64-Dv\_CV8lyb0TSgxyj1ti4kJh6mG2wQh8/edit?usp=sharing*](https://docs.google.com/presentation/d/14IxzFs65U64-Dv_CV8lyb0TSgxyj1ti4kJh6mG2wQh8/edit?usp=sharing)