Recommended “Homework” for Rocketry Lesson 5 10/10/2017

Reading

* read Chapters 8, 9, & 17 in the High-Power Rocketry book

Tote

* new: we will be providing a terminal block plus two LED + safety resistor pairs for your av-bay build and testing

Exercise

* download the Featherweight Interface Program and look over the options it allows for setting up channels on the Raven3 altimeter
* continue working on your OpenRocket model
* select a time slot (or a few) that work 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 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)

Building

* continue to work on the airframe build – try to be finished by next Tuesday
* get started on the av-bay build and wiring and programming – significant progress by next Tuesday

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)