Lesson 6 Rocketry vocabulary/concepts Oct. 17, 2017

* Friction fit vs rivets vs shear pins (and where to put each)
* Drag separation vs internal pressurization separation
* Location of upper rail button (a calculation – use model)
* Amount of charge for two ejection charges (a calculation) (use ejection charge calculator)
* Grind down delay grain (a calculation – use model) (we’ll use a “delay-grinding tool”)
* Igniter vs e-match
* Ejection charge vs motor eject (built-in charge – 1.3 grams for 38 mm Cesaroni motors)
* Static port in av-bay and elsewhere (a calculation)
* Bleed hole(s)
* Primer vs paint (don’t forget to sand!)

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)