Lesson 6 Rocketry vocabulary/concepts 10/19/2018

* 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 OpenRocket model)
* Amount of charge for two ejection charges (a calculation) (use ejection charge spreadsheet/calculator - posted)
* Grind down delay grain (a calculation – use OpenRocket model) (we will use a “delay-grinding tool” to accomplish this)
* 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 surfaces before applying either)

Document repository: *http://www.aem.umn.edu/people/faculty/flaten/Rocketry\_Remote\_Lessons\_Fall\_2018/*

Max’s evolving photo-build instructions – check back regularly: [*https://docs.google.com/presentation/d/1oepk62CjsZubKPHbRcWFAOIm7tNdElkoKxc64FFhwU4/edit#slide=id.g42ec7e3ad3\_0\_5*](https://docs.google.com/presentation/d/1oepk62CjsZubKPHbRcWFAOIm7tNdElkoKxc64FFhwU4/edit#slide=id.g42ec7e3ad3_0_5)