Recommended “Homework” for Rocketry Lesson 2 10/26/2021

Reading

* read Chapters 3, 4, 10, 12, & 18 in the High-Power Rocketry book
* read through the Flight Readiness Review template slides and start taking the photos it will ultimately require

Tote

* add the new parts to your tote – you should now have everything for the entire build (except for a camera pod, if you want us to print one for you let us know)
* remember that the motor itself, plus ejection charges, won’t be provided until the day of the launch
* the radio beeper and video camera will be lent out on launch day as well

Exercise

* write an airframe build schedule, with explicit steps, dates, and names of people (by Monday, please) – aim to be finished building within 3 weeks (preferably less)
* submit a copy of your airframe build schedule to Sophia and Prof. Flaten (and to your faculty adviser) by e-mail – we will give you feedback on it
* post the schedule, possibly after taking some feedback from us, then stick to it, crossing off steps as they are finished
* Note: there will be additional homework assigned in upcoming weeks, so the airframe build will need to continue “in the background” and won’t be the only thing you are doing in future weeks – that said, be aggressive with this build schedule and try to get steps done as quickly as possible (in less than 3 weeks, if possible)

Link to document repository

http://www.aem.umn.edu/people/faculty/flaten/Rocketry\_Remote\_Lessons\_Fall\_2021/

Sophia’s evolving photo-build instructions – check back regularly:

<https://docs.google.com/presentation/d/1NritqFEBkQI95c4ex6SjiA-08uaoEcFUydgjlA6mtdY/edit#slide=id.p>