MnSGC Summer 2017 Ballooning Team Projects

Video Telemetry (and ground station) – update box, practice

Communications Relay (and ground station) – practice

Arduino Training Kits – update, write new activities

GPS Comparison – simulater, configuration, fly, record

CHAD – improve, expand functionality, fly, document

MUX (8-camera multiplexer) – design, build, fly

CubeSat Ballooning – improve, rebuild, fly, document

FreeWave Radio – comm. box and ground station integration

“Open” Ballooning – learn “easy” modules, teach

Multi-camera box – integration, fly, document

Geiger – improve code, rebuild, fly, document

Rotation Mitigation – refine, fly, document, teach

OCCAMS/Tungsten – expand functionality, fly, teach

Launch Tether – design, practice, document

Website – eclipse ballooning, ballooning, general MnSGC

Stratospheric Characterization – temp, press, dust

Maybe: Vent/Arrow, Dust Collector, Multi-Cut