Carnegie Mellon University Environmental Health & Safety FIRE | LAB | WORK	**Environmental Health and Safety** **Uncrewed Aircraft Systems (UAS) / Drone Program - In-Flight Checklist**
Date of Issuance: 10/25/22	**Revision Date:**
Revision Number: Initial	**Prepared by:** UAS/Drone Committee and Environmental Health and Safety

Safety Checks

☐ Be aware of orientation and maintain full control.

☐ Fly no higher than the maximum specified within FAA regulations.

☐ The operator is aware of aerial obstructions (i.e., poles, structures, utility wires, trees).

☐ The operator has ensured no nonparticipating persons or large animals are near the flying zone, if so announce landing.

☐ Weather permits the safe operation of the UAS/Drone (i.e., little to no wind, no precipitation).

Power to System

☐ Battery in the UAS/Drone has more than the charge required to safely fly back and land to the home point.

☐ The batteries inside the RC controller have a sufficient charge.

RC/WIFI

☐ There is a steady connection between the RC controller and the UAS/Drone.

☐ The UAS/Drone is responding accurately and efficiently to RC commands.

Satellite Connectivity

☐ UAS/Drone is indicating full satellite/GPS connectivity.