FAQ: 2023-2024 Design-Build-Vertical Flight Competition
[Updated 10/10/2023]

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Q: The rules mention that the team captain, including faculty advisor, must be a current member of VFS at the time of submitting the letter of intent. Does this mean that both the team captain and the faculty advisor both need to be members of VFS? Or just the team captain (whether or not the team captain is the faculty advisor) need to be a VFS member?

A: Both the student team captain(s) and the faculty advisor(s) need to be a VFS member at the time of submitting the team’s Letter of Intent. https://vtol.org/what-we-do/benefits-of-membership

Explanation of RFP Revisions made on 9/13/2023

2.3: The Fly-Off (page 6)

- Team pilots must have proof of their FAA Part 107 Drone Certification (US based teams) or equivalent certifying authority (non-US based teams) to compete. Refer to Section 7.0 Pilot Requirements
  - FPV piloting is permitted in this year’s competition.

4.0: Aircraft Design Restrictions, Requirements, and Operational Procedures (page 14-15)

3. Propulsion System Batteries and Fuses: For the purpose of competition safety, unaltered commercially available LiPo batteries of six cells or less (6S or less) may be used. The team needs to select the proper capacity for their vehicle.
  - Each battery is limited to 100 W hr. [No longer limited to 100 W hr.]
  - Multiple batteries following the requirements in this section can be combined in parallel for the propulsion system.
    - For batteries tied together in parallel, each battery must be identical.