Video Requirements
- Each team shall submit a SINGLE video to the AIAA Open Water System (same as the reports)
- The video shall be submitted no later than 5pm EDT on Sunday April 18, 2021.
- The Videos will be posted to the AIAA YouTube Channel.
- The video shall have a total length not to exceed 10 minutes
- The video shall be of MOV or MPEG-4 Format
- The video file size shall not exceed 2GB

- The Video shall be broken into 2 segments: Presentation & Demonstration
- The Video Score shall be Presentation Score + Demonstration Score.
- Production quality WILL NOT factor into score.
  - Example: PowerPoint slideshow with voiceover converted to video format IS acceptable.

Scoring
Final Contest Score If Presentation IS Submitted = (Report Score / Max Report Score + 1) * (Video Score)
Final Contest Score If Presentation IS NOT Submitted = (Report Score / Max Report Score)

Content Requirements and Scoring Rubric
Presentation (1pt)
- The Video Presentation must be in English (or subtitled in English)
- The presentation portion shall be chronologically first and shall not exceed 5 minutes.
  1) The Presenter shall introduce the team by school and plane name.
  2) The team shall present an overview of their detailed design and why they think it is best to meet the mission requirements. The 3-View Drawings included in the report shall be presented.
    a) Details to be included: Over-all Dimensions, gross weight of each major configuration, Control Architecture, Propulsion system (batteries, motor, etc.), Trade Studies with Results, and mission performance predictions.
    b) Additionally, the use of 3D models and/or pictures and videos of the physical aircraft are highly encouraged.
Demonstration: (9pt)
- The demonstration portion shall follow the presentation and shall not exceed a total of 5 minutes.
- The video clips shall be arranged in chronological order as described below. (Example: Take-off Demonstration will not be counted if the tech inspection/ground mission is not shown first).
- A written and/or narrated description shall accompany each video clip. Written captions must be in English. If narration is not in English, then (paraphrased) English captions must be used.

1. Technical Inspection / Ground Mission (2pt - 1pt per Bullet)
   - Show the plane from multiple angles demonstrating that it matches the 3-View drawing. Note that this bullet score is a 1 or DQ to the remainder of the demonstration.
   - Demonstrate functionality of Sensor including deployment, functional lights, and retraction.

2. Take-off Demonstration (2pt P/F)
   - Show a short video segment of a successful takeoff of the plane (in any configuration).

3. Landing Demonstration (2pt P/F)
   - Show a short video segment of a successful landing of the plane (in any configuration).

4. In-Flight Sensor Deployment (3pt - 1p per Bullet)
   - Show a short video segment of the remote sensor being deployed in flight.
   - Show Stable Flight with Sensor Deployed
   - Show remote sensor being retracted in flight