

MN Space Grant Consortium

2019-2020 Intercollegiate Quadcopter Challenge

General advice about making a post-challenge video report.

- Your post-challenge video is limited to 10 minutes – use the time wisely. For submission, post the video on-line and send a link where it can be viewed.
- Do begin with a title frame that includes basic information and a team photo, at least.
- Narration is required (live-interview and/or voice-over). A background sound track (i.e. music) is optional. Get permission for any music used and list the music source in the credits.
- Perhaps skip explicit oral team member introductions but do have each speaker at least state their name (and perhaps their major and/or their main role on the team) before they start talking about results.
- Consider your audience to be the judges, so you don't need to dwell on challenge rules. On the other hand, rules will naturally come up as you describe how you addressed them.
- Although this video report is mostly about how the challenge-day event went, you are allowed (though not required) to include preliminary content about design, construction, and testing.
- Do talk about all aspects of the challenge event, including the walk-through (even if you didn't end up analyzing that data very much) and the oral presentation.
- The main focus, of course, will be on your “exploration” results. Include at least some video footage of the drone flying (taken by the team from the ground) and some video footage taken by the drone. Still photos of things like hardware (including close-ups) and of team members “in action” might also be useful.
- Make data results visually appealing - show graphs and maps, not data tables. Remember to submit electronic copies of all the results you discuss so that the judges can look at them more closely outside the video report. Remember that maps and graphs need to be based on data the drone collected, not based on what the team observed from their “sideline” perspective.
- Include some interesting stories (lessons gleaned during the walk-through, challenges overcome during the fly-off, etc.). Be sure to convince the judges that you know what you are doing.
- End with “credits” on which you list all team members (and your adviser), music sources (if any), and acknowledgements.