



Students for the Exploration  
and Development of Space

SEDS-USA  
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### **SEDS 2017 University Student Rocketry Challenge Technical Report Deliverables and Guidelines**

The following document has been provided to give an overview of the deliverables for the technical report to be submitted as part of the 2017 University Student Rocketry Challenge.

Technical reports should include the following:

1. Complete technical description of vehicle analysis including flight performance details.
2. Build process/validation. Please recap the build/integration process of the entire vehicle and its components. This includes but is not limited to detailed descriptions of the propulsion systems, couplers, fins, payloads, recovery systems and airframes. Pictures of individual completed components are recommended.
3. Photographs of current completion status of rocket and expected completion schedule.
4. Electronics testing documentation. Please include a test plan and test results.
5. Description of issues encountered during the manufacturing process, and how these issues were resolved.
6. Assembly and launch procedure checklists.
7. Launch failure mitigation reports/procedures.
8. Updated launch dates, if applicable.

The Technical report should be professional, succinct, and clearly formatted. It should describe in detail each of the areas listed above. Team photos would be appreciated but are not required for a score. If your team has any questions please direct them to the SEDS USRC Project Manager at [Jonathan.Jennings@SEDS.org](mailto:Jonathan.Jennings@SEDS.org)

**\*\* To avoid late penalties all technical report documents must be submitted by September 15, 2017 12P.M. P.S.T. \*\***