



Lone Star Cup Rocketry Competition

Master Event Schedule Document

Version 1.0

Pre-Event Deadlines		
DATE	ACTION(S)	LIVESTREAM
Friday, Feb 27, 2025 11:59pm	Online Registration Due: <ul style="list-style-type: none"> • Fill out Google form • Leaders must select a time slot for your team. 	Teams Logos Needed: <ul style="list-style-type: none"> • Send team logos to Pistol
Friday, Feb 27, 2025 11:59pm	Payment Deadline: <ul style="list-style-type: none"> • Make payment via Venmo (@rayshepard) for team costs (\$20 or \$50). 	
Wednesday, Mar 4th, 2025 11:59pm	Individual Registration: <ul style="list-style-type: none"> • Must give a progress update on whether the rocket will be fully complete by Friday, March 27th. • Individual registration due by spreadsheet. • All costs related to individuals are due as well (BBQ dinner, option shirts). 	Livestream Volunteer Form: <ul style="list-style-type: none"> • All volunteers fill out a form stating dates and times available (at least one person from each team must volunteer for at least one slot).

Friday, March 21: Set-Up Day		
DATE	EVENT(S)	LIVESTREAM:
Friday, March 27, 2025 10:00am - 5:00pm	Event Setup by Volunteers: <ul style="list-style-type: none"> • Volunteers set up launch pads, safety equipment, and event facilities. • Teams are welcome to help but not required during this setup, but bonus points (25pts) will be awarded to teams who help set up. • High schools will launch as well. 	Livestream Setup: <ul style="list-style-type: none"> • Volunteers should arrive no earlier than noon, but during their chosen time slot.

DATE	EVENT(S)	LIVESTREAM:
Friday, March 27, 2025 9:00pm	Optional Camping: <ul style="list-style-type: none"> Teams are encouraged to camp overnight to prepare for an early start. Observe safety rules: no open fires without permission. 	Livestream: <ul style="list-style-type: none"> Possibility of some games being conducted.

Saturday, March 22: Competition Day		
DATE	EVENT(S)	LIVESTREAM
Saturday, March 28, 2025 5:30am - 7:30am	Team Check-In and On-Site Registration: <ul style="list-style-type: none"> Only 1–2 members per team to check in. Collect any pre-purchased merchandise, flight cards, and BBQ wristbands. Verify Tripoli National memberships for those crossing the flight line. Confirm or update flight card details (predicted altitude). 	Final Check: <ul style="list-style-type: none"> Final checks and start livestream. A video of the sunrise and range might go on air.
Saturday, March 28, 2025 6:30am	Safety Inspection Opens: <ul style="list-style-type: none"> RSO begins inspecting rockets for safety compliance. Max 5 team members + the flyer of record may attend each inspection. Be prepared to explain rocket design (avionics, CoM/CoP, propulsion, etc.). Passing inspection is required to confirm your designated time slot and ability to launch. Teams who are assigned a morning slot MUST be ready for safety inspections by this time. If they are not, their launch is not guaranteed unless time allows in another time slot throughout the day. 	N/A

DATE	EVENT(S)	LIVESTREAM
<p>Saturday, March 28, 2025</p> <p>7:15am - 7:45am</p>	<p>All Teams Photo</p> <ul style="list-style-type: none"> ● Gather at the designated area for a group photo. ● Bring team banners or wear matching attire if desired. 	<p>N/A</p>
<p>Saturday, March 28, 2025</p> <p>8:00am - 8:30am</p>	<p>Mandatory Fliers Meeting:</p> <ul style="list-style-type: none"> ● RSO & organizers provide a high-level schedule overview. ● Review final safety procedures, salvo launch system, and recovery protocols. ● Explain how the pager system (if used) or PA calls will work. 	<p>N/A</p>
<p>Saturday, March 28, 2025</p> <p>8:30am - 10:30am</p>	<p>Morning Launch Window:</p> <ul style="list-style-type: none"> ● Three teams launch. ● If teams cannot launch during their window, they may try if time allows later, but there is no guarantee. ● Launch Control Officer (LCO) coordinates countdown and ensures safety protocols. 	<p>Launches and Interviews:</p> <ul style="list-style-type: none"> ● Film launches and conduct pre-launch interviews for midday launches.
<p>Saturday, March 28, 2025</p> <p>10:30am - 12:30pm</p>	<p>Midday Launch Window:</p> <ul style="list-style-type: none"> ● Three teams launch. ● If teams cannot launch during their window, they may try if time allows later, but there is no guarantee. ● Launch Control Officer (LCO) coordinates countdown and ensures safety protocols. 	<p>Launches and Interviews:</p> <ul style="list-style-type: none"> ● Film launches and conduct pre-launch interviews for afternoon launches. ● Post-launch interviews for morning launches
<p>Saturday, March 28, 2025</p> <p>12:30pm - 2:30pm</p>	<p>Afternoon Launch Window:</p> <ul style="list-style-type: none"> ● Three teams launch. ● If teams cannot launch during their window, they may try if time allows later, but there is no guarantee. ● Launch Control Officer (LCO) coordinates countdown and ensures safety protocols. 	<p>Launches and Interviews:</p> <ul style="list-style-type: none"> ● Film launches and conducts pre-launch interviews for evening launches. ● Post-launch interviews for midday launches

DATE	EVENT(S)	LIVESTREAM
<p>Saturday, March 28, 2025</p> <p>2:30pm - 4:30pm</p>	<p>Evening Launch Window:</p> <ul style="list-style-type: none"> ● Three teams launch. ● If teams cannot launch during their window, they may try if time allows later, but there is no guarantee. ● Launch Control Officer (LCO) coordinates countdown and ensures safety protocols. 	<p>Launches and Interviews:</p> <ul style="list-style-type: none"> ● Film launches. ● Post-launch interviews for afternoon launches
<p>Saturday, March 28, 2025</p> <p>6:30pm</p>	<p>Rocket Recovery & Data Submission Due:</p> <ul style="list-style-type: none"> ● All COTS altimeter data must be turned in to the check-in booth (with verifiable proof). ● Data is used for final Barrowman scoring. ● Failure to submit data = disqualification. 	<p>Interviews:</p> <ul style="list-style-type: none"> ● Post launch interviews for evening launches. ● Interviews for any sponsors who haven't yet had the chance throughout the day.
<p>Saturday, March 28, 2025</p> <p>5:30pm - 7:00pm</p>	<p>BBQ dinner:</p> <ul style="list-style-type: none"> ● Catered BBQ (optional, \$15) for participants and spectators. ● Great time to network with other teams and sponsors. 	<p>Post-Competition Segment:</p> <ul style="list-style-type: none"> ● Student Chairpersons will do closing statements and thank all for coming. ● The livestream will end.
<p>Saturday, March 28, 2025</p> <p>7:00pm - 7:30pm</p>	<p>Awards Ceremony:</p> <ul style="list-style-type: none"> ● Winners are announced based on altitude scoring and accuracy. ● Trophies for 1st, 2nd, 3rd place; certificates or sponsor giveaways. 	<p>N/A</p>
<p>Saturday, March 28, 2025</p> <p>7:30pm - 10:00pm</p>	<p>Event Teardown:</p> <ul style="list-style-type: none"> ● Teams and volunteers help dismantle pads, canopies, etc. ● Return any borrowed equipment (pagers, walkie-talkies). 	<p>N/A</p>

Sunday, March 23: Alternate Launch Day

DATE	EVENT(S)
Sunday, March 29, 2025 7:00am - 8:30pm	Reserved Alternate Launch Window: <ul style="list-style-type: none">• Used only if Saturday flights are postponed due to inclement weather.• Follows an identical schedule (Safety Inspection, Flyers' Meeting, Launch Salvos, etc.).• Teams should be prepared for a possible second night of camping.

For any questions or additional information, please contact the event organizers. We look forward to a safe and exciting competition!