



International Rocket Engineering Competition (IREC)

2025 Integrated Master Schedule Document

Note: ESRA is a registered 501(c)(3) non-profit organization dedicated to fostering and promoting engineering knowledge and experience in the field of rocketry. See www.soundingrocket.org for more information.

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ALL TIMES ZONES ARE US MOUNTAIN TIME (MT)

1.0 INTRODUCTION

The Experimental Sounding Rocket Association (ESRA) host and support the International Rocket Engineering Competition (IREC), a week-long event which is the world's largest university rocket engineering competition. The IREC has a long history of inspiring student design teams from across the country and around the world to launch their dreams and rockets high into the air.

1.1 BACKGROUND

The “smoke and fire,” noise, high speeds, and sleek aerodynamics of rocketry encourage students to pursue science, technology, and mathematics-based careers. They have "Rocket Fever!", and competition motivates them to extend themselves beyond the classroom to design and build the rockets themselves. These students also learn to work as a team, solving real world problems under the same pressures they'll experience in their future careers.

ESRA held the first annual IREC in 2006 in Utah. The competition achieved international status in 2011 when Canadian and Brazilian universities threw their hats in the ring. These schools have since been joined by others from every inhabited continent. In fact, the competition has grown rapidly since 2013, becoming the largest known collegiate level rocket engineering competition in the world in 2014. Student competitors in 2024 reach over 1,600, from over 122 colleges and universities. 2017 marked the start of a new era with the inaugural IREC.

1.2 PURPOSE AND SCOPE

This document primarily defines the schedule on which participants in the IREC must submit required deliverables to the event organizers to be considered "timely" in scoring. The impact of timeliness on scoring is described for each respective deliverable in Section 2.6 of the *IREC Rules & Requirements Document*, maintained on the ESRA website (<http://www.soundingrocket.org/sa-cup-documents--forms.html>) Furthermore, this document, integrates other information useful to participants, such as the deadlines for early, on-time, or late-payment of fees, due dates for required waivers/forms, and the detailed event schedule.

1.1 REVISION

The Integrated Master Schedule Document is a living document and will be updated as needed throughout the year leading up to the event. The most up to date version will always be maintained on the ESRA website (<http://www.soundingrocket.org/sa-cup-documents--forms.html>). Participants should always verify they are working to the correct version by checking the Effective Date recorded on the header of their copy matches the version currently stored on the ESRA website. Updates to the IREC Integrated Master Schedule Document will always be announced via e-mail and other means.

NOTE: The event organizers will never revise the IREC Integrated Master Schedule Document to make the due dates of upcoming deliverables sooner than originally scheduled.

1.2 DOCUMENTATION

The following documents include standards, guidelines, schedules, or required standard forms. The documents listed in this section are either applicable to the extent specified in this document or contain reference information useful in the application of this document.

| DOCUMENT | FILE LOCATION |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| IREC Rules & Requirements Document | https://www.soundingrocket.org/irec-documents--forms.html |
| IREC Range Standard Operating Procedures | https://www.soundingrocket.org/irec-documents--forms.html |
| IREC Forms and Templates | https://www.soundingrocket.org/irec-documents--forms.html |

2.0 IREC DELIVERABLES SCHEDULE AND OTHER IMPORTANT PRE-EVENT DATES

All times given are MOUNTAIN Time (MT).

All deliverables are managed via the IREC 2024 Hero^X challenge page at: <https://www.herox.com/IREC2025>

| DATE | ACTION(S) |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00am MT Monday, Oct 7, 2024 | Entry Application window begins per Section 2.6.1 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025 |
| 5:00pm MT Friday, Oct 25, 2024 | Entry Application window closes per Section 2.6.1 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025 |
| Early Nov 2024 | Acceptance Announcement per Section 2.6.1 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025 |
| Mid Nov 2024 | International Teams requiring a VISA LETTER: Submit a single email request per team to general.info@esrarocket.org requesting a Visa Letter for Accepted International Teams. VISA applications should be completed ASAP. Waiting even a month could keep your team from participating. |
| 5:00pm MT Friday, Dec 6, 2024 | Submit 1 st Interim Progress Update per Section 2.6.1 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025 |
| 5:00pm MT Friday, Dec 6, 2024 | Entry Application fee is due using the payment link provided on the IREC Fees webpage of the ESRA website: https://www.soundingrocket.org/irec-fees.html Entry Application Fee is NOT REFUNDABLE |
| 5:00pm MT Friday, Feb 7, 2025 | Submit 2 nd Interim Progress Update per the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025 |
| Monday, March 3, 2025 | Window opens for Team Registration package submissions. Instructions will be sent out via HeroX https://www.herox.com/IREC2025 |
| Friday, March 28, 2025 | Deadline for Team Registration package submissions. https://www.herox.com/IREC2025 |
| Friday, April 4, 2025 | Window opens for Video Flight Readiness Safety Reviews. <i>These video reviews should be coordinated with your ESRA Safety Reviewers</i> https://www.herox.com/IREC2025 |

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| <p>5:00pm MT Friday, April 11, 2025</p> | <p>This is the on-time payment deadline for the Rocket Fee. This fee increases for late payment. The Rocket Fee will be paid using the payment link provided on the IREC Fees webpage of the ESRA website http://www.soundingrocket.org/irec-fees.html</p> |
| | <p>This is the on-time payment deadline for the individual Rocketeer Fee. This fee increases for late-payment. Each participant will pay using the payment link provided on the IREC Fees webpage of the ESRA website http://www.soundingrocket.org/irec-fees.html</p> |
| <p>5:00pm MT Friday, May 2, 2025</p> | <p>Submit Project Technical Report per Section 2.6.2 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025</p> <p>Submit Poster Session Materials per Section 2.6.3 of the <i>IREC Rules & Requirements Document</i> https://www.herox.com/IREC2025</p> <p>Submit Podium Session Materials https://www.herox.com/IREC2025</p> <p>Submit School Participation Letter https://www.herox.com/IREC2025</p> |
| <p>Friday, May 16, 2025</p> | <p><i>Complete Video Flight Readiness Safety Review</i> https://www.herox.com/IREC2025</p> |
| <p>Friday, May 30, 2025</p> | <p>Submit team video (to be played in the livestream). Submission link will be announced via a HeroX post. https://www.herox.com/IREC2025</p> |
| <p>Monday, Jun 9, 2025</p> | <p>Submit video entry for the Video Challenge to be eligible for the Livestream Awards. Submission link will be announced via a HeroX post. https://www.herox.com/IREC2025</p> |
| <p>Saturday, Jun 14, 2024</p> | <p>Submit video entry for the Live Video Challenge to be eligible for the Livestream Awards. Submission link will be announced via a HeroX post. https://www.herox.com/IREC2025</p> |

3.0 IREC EVENT SCHEDULE OVERVIEW

The following table records the detailed schedule of events for the IREC. Unless otherwise specified, **all times given are MOUNTAIN Time (MT)**. The IREC will be held at the following locations listed below.

| LOCATION NAME | LOCATION ADDRESS | GOGGLE MAPS LINK |
|-----------------------|------------------|------------------|
| TBD Convention Center | TBD | TBD |
| TBD Main Hotel | TBD | TBD |
| TBD Launch Site | TBD | TBD |
| TBD Arena | TBD | TBD |

Note: Detailed schedules of each day’s events are provided in the following sections.

| DATE | EVENT(S) |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monday June 9, 2025 TBD | <p>Team Registration and Rocketeer Check-in: Check-in begins at 9:00am. Team leaders should report to registration during their assigned registration window time to complete the following:</p> <ul style="list-style-type: none"> ● Confirmation of team/student fees payment ● Confirmation of Tripoli membership (as required) ● Student rocketeer passes and car passes ● Distribution of T-Shirts and Team Swag ● Team Photo (WEAR YOUR TEAM SHIRTS) <p>Teams unable to check in on Monday must check in on Tuesday morning. Teams checking in on Tuesday will experience long lines and limited availability of correct T-shirt sizes, etc.</p> |
| | <p>Mentors, Flyers of Record and Faculty Advisor Check-in: Check-in begins at 9:00am. Make sure to bring your ID and Tripoli Rocketry Association ID card.</p> |
| | <p>ESRA Volunteer Check-in: Check-in begins at 9:00am. Make sure to bring your ID and Tripoli Rocketry Association ID card.</p> |
| | <p>Mass Group Photo: All participants will gather at 4:00pm for group photos, opting for themselves whether or not to include their projects. ESRA Volunteer/Staff group photos will be directly afterward.</p> |
| | <p>Event Staff, Judge, and Volunteer Coordination Kick-off Meeting: All event staff, Range Safety and Launch Operations team members, judges, and volunteers will meet at 6:00pm for a coordination kick-off meeting. ESRA Leadership team will brief the teams on the schedule of activities, distribute</p> |

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| | necessary materials, and answer all questions from those assembled. (This meeting is Not for Students.) |
| <p>Tuesday June 10, 2025 TBD</p> | <p>Opening Ceremony, Conference Day Podium and Poster Sessions: Held at the TBD, the Conference Day gives students, judges, recruiters, the public, and media a chance to see all the projects.</p> <p>Judges will begin evaluating all projects for the "category place awards", "team conduct awards" and "overall winner award" defined in the <i>IREC Rules & Requirements Document</i>.</p> <p>Judges will begin evaluating projects accepted into the podium session for special "technical awards" defined in the <i>IREC Rules & Requirements Document</i>.</p> <p>Note: ESRA Merchandise Store will be opened, and items will be available for purchase during this time at the Convention Center.</p> |
| | <p>ESRA Volunteer Pizza Social: ESRA volunteers are invited to gather following the end of events at 5:00pm. Pizza and soft drinks provided by ESRA. Hotel Bar is open for libations and other food options.</p> |
| <p>Wednesday June 11, 2025 TBD</p> | <p>Launch Preparations and Design Implementation Evaluation: While being judged and monitored for flight safety concerns, all teams will spend the day on-site setting up the Rocket Assembly Area(s), assembling their systems, and troubleshooting components in preparation for launch.</p> |
| | <p>Early Launch Opportunity: Gates will open at 7:00am. Teams who have received Final Launch Safety approval can proceed to Launch and recovery operations. Launch Operations will begin as early as possible.</p> |
| <p>Thursday Jun 12, 2025 TBD</p> | <p>Launch Day: Gates will open at 5:00am. Launch and recovery operations will occur on-site</p> |
| <p>Friday Jun 13, 2025 TBD</p> | <p>Launch Day: Gates will open at 5:00am. Launch and recovery operations will occur on-site.</p> <p>FLIGHT SAFETY REVIEWS will END at 12:00pm ON FRIDAY.</p> |
| <p>Saturday June 14, 2025 TBD</p> | <p>Final Launch Half-Day: Gates will open at 5:00am. Launch and recovery operations will occur on-site.</p> |
| | <p>Site Cleanup: All teams will support the cleanup of the Rocket Assembly Area(s) and immediate surroundings by removing equipment and properly disposing of trash, discarded material, etc.</p> |
| | <p>Awards Ceremony: To be held Saturday evening. For participants, family, friends, faculty, and media.</p> |

3.1 SUNDAY, JUNE 8, 2025 SCHEDULE DETAILS

Note: All times recorded below are subject to change by ESRA as needed based on extenuating circumstances. ESRA will make every attempt to communicate schedule changes in advance; however, we ask that teams remain flexible and adaptable to changes if/when they occur.

| TIME (MDT) | EVENT(S) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">Sunday June 8, 2025 10:00am-5:00pm</p> <p style="text-align: center;">TBD</p> | <p>Hybrid and 2-Stage Pad and Ground Support Equipment Set Up (Optional):</p> <p>Hybrid and 2-Stage Category Student Teams may begin setting up their Ground Support Equipment at the Vertical Launch Area. Teams are not allowed to work on their rocket, energetics or pressurize any systems. This time is available to teams to get their pads and GSE set up.</p> <p>Teams must coordinate with their ESRA Safety Team before arriving to be included on the Security Access List.</p> <p>Any ordered gasses may not arrive until Monday or Tuesday. Check with your ESRA Safety Team for additional details.</p> <p><u>IMPORTANT:</u> All participants shall carry their respective form of government issued photo ID with them at all times.</p> |

3.2 MONDAY, JUNE 9, 2025 SCHEDULE DETAILS

Events scheduled include Check-in for Rocketeers, and a Coordination Kick-off Meeting for all Event Staff, Judges, and Volunteers. Check-in occurs and the Event Staff meetings will occur.

Note: All times recorded below are subject to change by ESRA as needed based on extenuating circumstances. ESRA will make every attempt to communicate schedule changes in advance; however, we ask that teams remain flexible and adaptable to changes if/when they occur.

| TIME (MT) | EVENT(S) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">Monday June 9, 2025</p> <p style="text-align: center;">9:00am-4:00pm</p> <p style="text-align: center;">TBD</p> | <p>Student Team Check-in and Poster Area Set up:</p> <p>Student Team Check-in begins at 9:00am MT. All the student rocketeers, mentors and Flier of Record for each team should arrive NO LATER THAN 4:00pm.</p> <ul style="list-style-type: none"> ● Confirmation of team/student fees payment ● Confirmation of Tripoli membership (as required) ● Student rocketeer passes and car passes ● Student T-Shirts and Cup Swag ● Team Photo ● Recovery team safety briefing ● Set up Team Display and Poster Presentation Tables ● Rocket Safety Reviews <p>IREC Teams will be directed to bring their poster displays, project hardware, and any other materials through the rear entrances or through the cargo dock. Teams will find tables assigned to them.</p> <p>Eight-foot-long tables are provided for each team. Space will be VERY LIMITED. All tables will be numbered and assigned. Standing displays (e.g. roll-ups, spider frames, etc.) are permitted as long as they do not interfere with other teams' displays, traffic flow or create a safety hazard.</p> <p>Note: ESRA Merchandise Store will be open and items will be available for purchase during this time at the Convention Center.</p> <p><u>IMPORTANT:</u> All participants shall carry their respective form of government issued photo ID with them at all times.</p> |
| <p style="text-align: center;">Monday June 9, 2025</p> <p style="text-align: center;">4:00pm</p> <p style="text-align: center;">TBD</p> | <p>Mass Group Photo:</p> <p>Teams begin gathering in the Convention Center parking lot at 4:00pm. At 4:30pm, a mass group photo will be taken outside the Conference Center. Teams not ready at 4:15pm will not be in the photo. It is the team's responsibility to be ready at 4:15pm. Rockets are optional. Teams can bring school and/or national flags. There will be two photos - one with school and/or national spirit, and one without.</p> |

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| <p>Monday June 9, 2025 6:00pm-9:00pm (or last question) TBD</p> | <p>Event Staff, Judge, and Volunteer Coordination Kick-off Meeting:</p> <p>Event Staff, Judges, and Volunteer Coordination Kick-off Meeting: All event staff, Range Safety and Launch Operations team members, judges, and volunteers will meet at 6:00pm for a coordination kick-off meeting.</p> <p>ESRA Leadership team will brief the volunteer team on the coming schedule of activities, distribute necessary materials, and answer all questions from those assembled. (This meeting is Not for Students)</p> |
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1.3 TUESDAY, JUNE 10, 2025 SCHEDULE DETAILS

Events scheduled include Conference Day Proceedings and late check-in.

| Time (MT) | EVENT(S) |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Tuesday, June 10, 2025 6:00am-7:00am TBD</p> | <p>Continued Student Team and Sponsor Area Set-up:</p> <p>IREC sponsors, recruiters, vendors, exhibitors and IREC teams will set-up their displays and booths in specified areas.</p> <p>Sponsors, recruiters, vendors, exhibitors will enter through the front entrance to set up at designated locations. A table and chairs are provided for each Sponsor area.</p> <p>Any sponsors or IREC Teams who do not finish setting up their booth prior to the Kick-off All-hands Briefing at 07:00, may continue setting up after the briefing.</p> <p>Note: ESRA Merchandise Store will be open and items will be available for purchase during this time at the Convention Center.</p> <p><u>IMPORTANT:</u> All students, event staff, judges, and volunteers must always wear their badges during the. Badges shall be worn where they are clearly visible – clipped either to a garment or a provided lanyard or above the waist. Only vehicles (not including trailers) with a vehicle placard will be admitted. Placards shall be displayed prominently – either on top of the dashboard or hanging from the rearview mirror.</p> |
| <p>Tuesday June 10, 2025 7:00am-8:00am TBD</p> | <p>Kick-off All-hands Briefing:</p> <p>All event attendees will gather within the arena for the official opening of the IREC. This will be a standing room only event. A Keynote Address will be given.</p> |
| <p>Tuesday June 10, 2025 8:00am-8:30am TBD</p> | <p>Team Officers, Mentors, Flyers of Record & Faculty Briefing:</p> <p>Each team should have the two most senior members, Mentors, Flyer of Record, and faculty advisors (if present) for a detailed briefing on the launch operations procedures for the event. There will be a Q & A session during this briefing.</p> |
| <p>Tuesday June 10, 2025 9:00am-5:00pm TBD</p> | <p>Late Check-in:</p> <p>Any teams which did not check-in on Monday must <u>check in during the conference day</u>. Please refer to details recorded in Section 3.3 of this Document under “Registration Day” for check-in requirements.</p> |

| Time (MT) | EVENT(S) |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Tuesday June 10, 2025 9:00am-5:00pm TBD</p> | <p>Doors open to the general public:</p> |
| <p>Tuesday June 10, 2025 9:00am-5:00pm TBD</p> | <p>Conference Poster Session: IREC Team Poster Displays, project hardware, and other materials on display in the Exhibit Hall all-day offer students, judges, recruiters, the general public, and media a chance to see all the projects. At least one member of the team must be present with their display at all times, both to supervise the booth and engage with any visiting event attendees, judges and other competitors.</p> |
| <p>Tuesday June 10, 2025 9:00am-11:00am TBD</p> | <p>Conference Podium Session: There will be two areas designated for Technical Podium Presentations. Each area will concurrently host student presentations. Each presentation is expected to be twenty minutes long with an additional five minutes allotted for Q&A. There may be as many as 24 such presentations – 12 in each area.</p> |
| <p>Tuesday June 10, 2025 11:00am-12:00n TBD</p> | <p>Podium Session pauses while the judging panel breaks for lunch</p> |
| <p>Tuesday June 10, 2025 12:00n-5:00pm TBD</p> | <p>Conference Podium Sessions Resume</p> |
| <p>Tuesday June 10, 2025 4:00pm-5:00pm TBD</p> | <p>Tear Down: All IREC sponsors, recruiters, vendors, exhibitors and IREC teams should remove their displays from the TBD by 5:00pm.</p> |
| <p>Tuesday June 10, 2025 5:00pm TBD Closed</p> | <p>ALL TEAMS MUST EXIT THE BUILDING, NO RE-ENTRY</p> |
| <p>Tuesday June 10, 2025 6:00pm-10:00pm TBD</p> | <p>ESRA Staff, Judge and Volunteer Pizza Dinner: ESRA Staff, Judges, and Volunteers will meet for a working dinner at the Marriott Courtyard next door to the convention center. ESRA personnel will debrief each other following the Conference Day, and coordinate on the next day's activities</p> |

3.3 WEDNESDAY, JUNE 11, 2025 SCHEDULE DETAILS

| TIME (MT) | EVENT(S) |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Wednesday June 11, 2025 7:00am TBD</p> | <p><u>Gates open:</u> The gate to opens at 7:00am. Teams may begin showing up no earlier than 06:00am –</p> |
| <p>Wednesday June 11, 2025 10:00am TBD</p> | <p><u>Morning Flyer Meeting:</u> <u>All Team Project Managers and Safety Officers must meet for mandatory Flyer's Meeting each morning until they complete their flight.</u></p> <p>These morning meetings cover launch operations, safety instructions and any updates to procedures that have been made. It is the responsibility of the team project manager and safety officer to disseminate the information to all team members. Students attending the Flyer's Meeting should expect to take notes.</p> |
| <p>Wednesday, June 11, 2025 10:00am- 4:30pm TBD</p> | <p><u>Launch Preparations and Judging Evaluations:</u> Once the Rocket Assembly Area is established, participants will begin preparing their projects for flight. Judging and Range Safety Evaluations not completed by this afternoon, will continue the next day.</p> |

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| <p>Wednesday, June 11, 2025 12:00n-4:30pm TBD</p> | <p><u>Range open for launch operations:</u> ESRA anticipates both staff and students being prepared to support launches no earlier than 12:00n.</p> |
| <p>Wednesday, June 11, 2025 4:30pm-5:00pm TBD</p> | <p><u>Judges Coordination Meeting:</u> Judges will convene in the for a quick debrief of the first day and prepare for the next day's launch operations.</p> |
| <p>Wednesday, June 11, 2025 5:30pm-6:00pm TBD</p> | <p><u>Evening Flyer Meeting:</u> Mandatory for all teams attempting to launch early the following morning before the next scheduled Morning Flyer Meeting, and any other team told to attend by event staff. Optional to all other teams. On Wednesday, this is mandatory for all high altitude launches – which will attempt flight early Thursday morning. This briefing will be similar to the Morning Flyer's Meeting but will also act as a way for teams and ESRA to give feedback to one another.</p> |
| <p>Wednesday, June 11, 2025 Sunset ~8:00pm TBD</p> | <p>Gates Close - All Students must depart the VLA. Camping is only approved for Hybrid and 2-Stage teams.</p> |

3.4 THURSDAY, JUNE 12, 2025 SCHEDULE DETAILS

Events scheduled include launch operations and the resolution of any judging activities not completed the previous day.

| TIME (MDT) | EVENT(S) |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Thursday June 12, 2025 5:00am TBD</p> | <p>Gates Open</p> |
| <p>Thursday June 12, 2025 8:30am-9:00am TBD</p> | <p>Morning Flyer Meeting: <u>All Team Project Managers and Safety Officers must meet for a mandatory Flyer's Meeting each morning until they complete their flight.</u> These morning meetings are to cover launch operations, safety instructions and any updates to procedures that have been made. It is the responsibility of the team project manager and safety officer to disseminate the information to all team members. Students attending the Flyers Meeting should expect to take notes.</p> |
| <p>Thursday June 12, 2025 7:00am-4:30pm TBD</p> | <p>Range open for launch operations: ESRA anticipates both staff and students being prepared to support launches no earlier than 06:00. Launches will not commence until the sun rises over the mountains and the RSO has officially approved launches can proceed.</p> |
| <p>Thursday June 12, 2025 4:30pm-5:00pm TBD</p> | <p>Judges Coordination Meeting: Judges will convene in the VLA for a quick debrief of the first day and prepare for the next day's launch operations.</p> |
| <p>Thursday June 12, 2025 5:30pm-6:00pm TBD</p> | <p>Evening Flyer Meeting: Mandatory for all teams attempting to launch early the following morning before the next scheduled Morning Flyer Meeting, and any other team told to attend by event staff. Optional to all other teams. On Wednesday, this is mandatory for all high altitude launches – which will attempt flight early Thursday morning This briefing will be similar to the Morning Flyer's Meeting but will also act as a way for teams and ESRA to give feedback to one another.</p> |
| <p>Thursday June 12, 2025 Sunset ~8:00pm TBD</p> | <p>Gates Close - All Students must depart the VLA. Camping is only approved for Hybrid and 2-Stage teams.</p> |

3.5 FRIDAY, JUNE 13, 2025 SCHEDULE DETAILS

Events scheduled include launch operations and the resolution of any judging activities not completed the previous day.

| TIME (MT) | EVENT(S) |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Friday June 13, 2025 5:00am TBD</p> | <p>TBD Gates Open</p> |
| <p>Friday June 13, 2025 8:30am-9:00am TBD</p> | <p><u>Morning Flyer Meeting:</u> These morning meetings are to cover launch operations, safety instructions and any updates to procedures that have been made. It is the responsibility of the team project manager and safety officer to disseminate the information to all team members. Students attending the Flyers Meeting should expect to take notes.</p> |
| <p>Friday June 13, 2025 7:00am-4:30pm TBD</p> | <p><u>Range open for launch operations:</u> ESRA anticipates both staff and students being prepared to support launches no earlier than 06:00. Launches will not commence until the sun rises over the mountains and the RSO has officially approved launches can proceed. Any remaining teams unable to fly on Friday are at a <u>VERY HIGH RISK of not launching on Saturday.</u></p> |
| <p>Friday June 13, 2025 4:30pm-5:00pm TBD</p> | <p><u>Judges Coordination Meeting:</u> Judges will convene in the VLA for a quick debrief of the first day and prepare for the next day's launch operations.</p> |
| <p>Friday June 13, 2025 5:30pm-6:00pm TBD</p> | <p><u>Evening Flyer Meeting:</u> Mandatory for all teams attempting to launch early the following morning before the next scheduled Morning Flyer Meeting, and any other team told to attend by event staff. Optional to all other teams. On Wednesday, this is mandatory for all high altitude launches – which will attempt flight early Thursday morning. This briefing will be similar to the Morning Flyer's Meeting but will also act as a way for teams and ESRA to give feedback to one another. <u>Flight Safety Review Cutoff:</u> Teams that have not completed flight safety review by this time will not be permitted to fly for the remainder of the competition. Teams who fly on Saturday <u>may not receive a score for their flight due to delays in getting the data to the judges.</u></p> |
| <p>Friday June 13, 2025 Sunset ~8:00pm TBD</p> | <p>Gates Close - All Students must depart the VLA. Camping is only approved for Hybrid and 2-Stage teams.</p> |

3.6 SATURDAY, JUNE 14, 2025 SCHEDULE DETAILS

Events scheduled include launch operations, final judging deliberations, and the Awards Ceremony.

| TIME (MDT) | EVENT(S) |
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| <p>Saturday June 14, 2025 5:00am TBD</p> | <p>Gates Open</p> |
| <p>Saturday June 14, 2025 7:00am-7:30am TBD</p> | <p><u>Morning Flyer Meeting:</u> <u>Any remaining teams who need to fly should attend.</u></p> |
| <p>Saturday June 14, 2025 7:00am-12:00n TBD</p> | <p><u>Range open for launch operations:</u> Launches will not commence until the sun rises over the mountains and the RSO has officially approved launches can proceed.</p> <p><u>IMPORTANT</u> - The final remaining rockets ready to fly must be on the pads by 11:00. All flights must be launched before 12:00 when the waiver officially closes, and the airspace is returned to White Sands control.</p> <p><u>IMPORTANT</u> - Teams who fly on Saturday <u>may not receive a score for their flight due to delays in getting the data to the judges.</u> Data Recovery must have your flight apogee data and status before 12:00n in order to provide it to the judges committee for consideration.</p> <p>The Launch Window closes at 12:00n. Any team who has not cleared RSO inspection and the Final Checkpoint by <u>10:00am Saturday</u> morning will not get to launch. Any team showing up to the Range-head with your rocket at 12:00n for inspection will be turned away. DO NOT WAIT UNTIL THE FINAL DAY TO LAUNCH!!!</p> |
| <p>Saturday June 14, 2025 12:00n-3:00pm TBD</p> | <p><u>Range Close and Site Cleanup:</u> ESRA will start packing up any non-essential resources. This includes any rails and launch equipment that will not be needed, ESRA tents, etc.</p> <p>ESRA will be asking for volunteers from the teams over the PA system to help make this quicker. ESRA asks that each team provide one or two people to assist in range tear down. The goal is to leave the area in better condition than when we arrived!</p> |
| <p>Saturday June 14, 2025 12:00n-4:00pm TBD</p> | <p><u>Judges meet for final deliberations:</u> All scored flights must have been recovered and completed post-flight processing no later than 12:00n.</p> |

| TIME (MDT) | EVENT(S) |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Saturday June 14, 2025 6:00pm-6:30pm TBD</p> | <p><u>TBD</u>in Las Cruces Doors Open - Social time and gathering for all attendees. Watch videos submitted by teams for the Video Challenge.</p> <p>Note: Concessions and the ESRA Merchandise Store will be opened, and items will be available for purchase during this time at the Pan American Center.</p> |
| <p>Saturday June 14, 2025 6:00pm-8:30pm TBD</p> | <p><u>IREC Awards:</u> Featuring keynote speakers, closing remarks will be made, music will be played, and winners of all competitions and categories will be announced.</p> <p>Doors Open at 6pm.</p> <p>Ceremony begins ~6:30pm</p> <p>Note: Concessions and the ESRA Merchandise Store will be opened, and items will be available for purchase during this time</p> |