

Firefly International Rocket Event (F.I.R.E)

Austin/Cedar Park/Briggs, TX, March 26-28, 2020



Information Bulletin 1 and Tentative Schedule of Events

The Firefly International Rocket Event is a unique opportunity for space modelers to gather and fly on the site of an actual space booster manufacturer! F.I.R.E. will be flown as an Federation Aeronautique Internationale (FAI) Open International World Cup contest, featuring a focus on potential “next generation” FAI space modeling events.

Events

S12, S6/P, S2/P, S8E/P, S7 (unmeasured, quick judging)

An FAI Sporting License is not required to participate, but is highly recommended. Participants who do not hold an FAI Sporting License will not be included in the final official classification (but will still have a great time!).

Hotel

Candlewood Suites Cedar Park

1100 Cottonwood Creek Trail

Cedar Park, Texas 78613

Phone (512) 986-4825

<https://www.ihg.com/candlewood/hotels/us/en/cedar-park/auscp/hoteldetail>

No special arrangements have been made for the hotel, as the standard rates are very reasonable. Please book online or contact the hotel individually. The Candlewood Suites Cedar Park is located in an area with many dining and shopping options, and is located close to the Firefly Aerospace offices.

Travel

Austin/Bergstrom International Airport is the suggested arrival airport for F.I.R.E. participants, offering direct flights from over 75 US, Canadian, and European cities. The airport is located approximately 28 miles from the suggested hotel, and rental cars from a wide range of vendors are available.

Should any participant require visa support, please contact the Event Director.

Firefly Aerospace

1320 Arrow Point Dr.

Cedar Park, TX 78613

Flying Site

Firefly Test Site

281 CR 210

Briggs, TX 78605

Distance from hotel to flying site: approximately 27 miles/30 minutes
Distance from hotel to Firefly Cedar Park office: less than 1 mile/2 minutes

Entry Fee

Free. That's right, free!

Event Director

James Duffy
450 Abrams Rd.
Georgetown, TX 78633
email: jduffy@mac.com
(512) 423-1855

Contest Jury

Michael Ryabokon (UKR), President
Matt Steele (USA)
TBD

S7 Scale Judges

Michael Ryabokon (UKR), Chief Judge
Charles "Chas" Russell (USA)
TBD

Contest Director

Mike Nowak (USA)

RSO

Nick Nowak (USA)

All F.I.R.E. flying activities will be conducted strictly under the National Association of Rocketry Safety code.

Motors

All F.I.R.E. events will be flown with Estes and Aerotech motors. S12 and S6/P will use 13mm-diameter Estes 1/2 A3 motors provided by the organizers, with both 2 and 4 second delay variants on-hand. S8E/P will use 24-mm diameter reloadable Aerotech E7 motors provided by the organizers. S8E/P participants will each need to bring 24mm RMS-RC motor casings.

For S7 and S2/P flyers, we recommend that you order these motors well in advance of the event from a US vendor and have them shipped to the Event Director.

Note that *all* motors used at this event must be NAR safety certified. Please, do not attempt to travel with your own motors!

Altimeters for S2/P

Adrel altimeters will be used for altitude measurement for S2/P. Competitors may supply their own, or units will be available for rental from North Coast Rocketry for a \$80 refundable deposit at the event.

F.I.R.E. Schedule of Events

Note that events may shift slightly, especially those events scheduled for midday Saturday!

Tuesday March 24

Suggested arrival day for participants from beyond North America

Wednesday, March 25

Suggested arrival day for US and Canadian participants

Please note that all events at the Firefly Test Site are subject to last-minute schedule changes in order to accommodate test activities! Stay flexible!

Thursday, March 26: Practice Day

Event	Start Time	End Time
Breakfast (on your own)	08:00	08:45
Potential Firefly Aerospace tour/ briefing (subject to operational conditions)	AM	AM
Lunch at Andice General Store	12:00	13:00
Practice flights at Firefly Test Site, Briggs	PM	PM
Travel to hotel	16:00	16:30
Dinner (location TBD), competitor meeting, and model check-in	18:00	19:00

Friday, March 27: Contest Day 1

Event	Start Time	End Time
Breakfast (on your own)	06:30	07:15
Travel to Firefly Test Site	07:15	07:45
S12 Round 1 (S6 Rules)	08:30	09:15
Model Reconfiguration Break	09:15	09:30
S12 Round 2 (S9 Rules)	09:30	10:15
Model Reconfiguration Break	10:15	10:30
S12 Round 3 (S3 Rules)	10:30	11:15
S6/P Round One	11:15	12:00
S6/P Round Two	12:00	12:45
Lunch	13:00	13:45
S6/P Round Three	14:00	14:45
Flyoffs (if necessary)	15:00	15:30
Travel to hotel	16:00	16:30
S7 model turn-in (hotel)	17:00	17:30
Dinner (location TBD)	18:00	20:00
Model check-in (hotel)	20:00	21:00



Firefly Alpha Stage 1 being prepared for testing at the Briggs Test Site.

Saturday, March 28

Event	Start Time	End Time
Breakfast (on your own)	06:30	07:30
Travel to Firefly Test Site	07:15	07:45
S2/P Round One	08:00	08:45
S2/P Round Two	08:45	09:30
S2/P Round Three	09:30	10:15
S8E/P Round One	11:00	11:45
Lunch break	12:00	12:30
<i>Demo Flights as schedule allows</i>	<i>12:00</i>	<i>13:30</i>
S7 Round One	12:30	14:00
S8E/P Round Two	13:00	13:45
S7 Round Two	14:00	15:00
S8E/P Round Three	13:45	14:00
S8E/P Final Round	14:00	14:45
Travel to hotel	16:00	16:30
Travel to Banquet	17:30	18:30
Banquet (location TBD)	18:30	21:00



Firefly Alpha Stage 1 rolling out of integration facility at the Briggs Test Site.