

August
7th to 11th, 2024





IRCHA is celebrating its 35th anniversary, and we're dedicated to making this milestone unforgettable.

In line with the organization's renewal and our commitment to hosting a fun-filled event, the response has been overwhelmingly positive.

Last year's sponsors are returning, along with previous sponsors who haven't participated in recent years, and new ones like Tron, OMP, and Goosky, significantly increasing our total sponsorship this year.

As many of you have observed, the hobby is experiencing a resurgence, with sales volumes rising over the past few years and the trend continuing to accelerate.

With this momentum, IRCHA is ensuring that your experience at the Jamboree is the best and most fun it can be for both returning and new customers. The success of last year's fun competitions, like the Go-Off station, water jug bombing drop, and drag races, has shown a strong desire for events centered on fun. We've adjusted various formats to enhance the event with even more enjoyable activities.

The IRCHA Jamboree remains the most globally recognized event in our industry. We're ensuring it features numerous engaging events and competitions that can be enjoyed live

or through social media platforms like Facebook, YouTube, and Instagram by hobbyists worldwide.

On the sponsor's side, being an exhibitor at the IRCHA Jamboree distinguishes leading figures in our industry.

We've also made the event more family-friendly by adding a Jumping Castle for kids, and a dog-friendly fenced area.

Golf carts are available again at a very reasonable price, without any curfew restrictions.

This year's food offerings have expanded to include breakfast and special dishes prepared by our food vendors for the occasion.

The event will culminate with us bringing back our renowned IRCHA fireworks display!



LOCATION & DATES



Located in Muncie Indiana, the International Aeromodeling center ([IAC](#)), beautiful 1000 acre site features flying facilities for all forms of aeromodeling. That's also where the AMA Headquarters is located. Site 4 of the IAC's is

the main site used for the 2024 IRCHA Jamboree scheduled for **August 7th to 11th, 2024**. It's a very large site with a 975 meter long (0.61 mile) flight-line.



Address:

Academy of Model Aeronautic, Sites 4 and 3
5161 E. Memorial Dr.
Muncie IN 47302

[Click on the Map to see a full page version of the IAC facility](#)



EVENT ACTIVITIES



Obstacle Course

A competition where 200-class helicopters compete in an increasingly difficult obstacle course within a time limit. The best three get first, second and third place plaques in the IRCHA Jamboree Obstacle Course Competition.

The course is much more complex than in this picture but we will keep it to ourselves until the day of the competition. Finalist will face increasingly difficult modifications to the course until we have a last standing winner to whom we will award a winner plaque. People competing in this competition get an additional registered pilot drawing ticket.

WATER GALLON BOMBING



Last year this event was a surprising success. The event consists of picking up a plastic Jug with a half gallon of water by the handle with one skid, (which by the way was surprisingly difficult so we recommend practicing precision hovering at low head speed), and dropping it as close to the target as possible. Since the bottle is half

empty, it explodes on impact with a shower of water droplets and a big Pop!. A plaque will be awarded to the winner.

THE GO-OFF STATION

One of the most loved events last year was the center-stage go-off station. The origin of the event is from an old custom a few years back where Bert Kammerer would go to a station on the side and start a dare competition where pilots would have to do the lowest exit from a tail slide possible or the lowest piroflip possible and all kind of daring maneuvers. Last year we brought this event to center stage and it was a resounding success with a lot of people competing for fun, we even had a brand owner compete and he sure had a blast. This will happen sometime on Saturday. A plaque will be awarded to winner.

NOON DEMOS ARE BACK!

Based on requests from vendors and feedback from Jamboree participants, this year instead of power hours we are bringing back the Noon Demos for the Event sponsors. The noon demos will be done on Thursday, Friday and Saturday. Sponsors will have the ability to include pilots of their choosing and the allowed number of pilots per sponsor will be based on the sponsoring level with more pilots allowed for the higher sponsor levels.

DRAG RACES

As last year we will have drag races in two classes, Electric and Nitro. Pilots can use anything they want on each class, no limitations. A plaque will be awarded to the winner of each class.

PEE-WEE PYLON RACES

We will have a 200-class (M2, R2, Logo 200 and similar) pylon race and a 100 class (M1, RS1 and similar) pylon races. Those are a lot of fun to watch.

AUTOROTATION COMPETITIONS

We will have two autorotation competitions. On Friday we will have a competition for precision auto. Winner will be the one that lands closer to the target. On Saturday we will have an aerobatic auto competition. As in past years it's an event you don't want to miss. People still talk about when Kyle Dahl passed under the limbo ribbon, did a loop and passed under the limbo ribbon again a few years ago. A plaque will be awarded to the winner.



NIGHT FLYING & KING OF THE MIDNIGHT SUN

We will have two night flying events. The Friday traditional night flying competition and on Saturday the King of the Midnight Sun competition where pilots pull all the stops because they no longer worry about keeping the heli intact for another competition. It's truly an event to behold. A plaque will be awarded to the winners of each competition.



THE BATTLE OF THE BRANDS

This event is where the brands bring a pilot to represent them in an all out class of titans. Flying is off-the-hook and competition is fierce. The limits are pushed and adrenaline is high. The winning brand gets a 50% discount on the cash prize of the booth for the next year and the pilot gets a plaque and being named Battle of the Brands winner for the 2024 IRCHA Jamboree.



Bouncing Castle & Fenced Dog Area



This year we will have a bouncing castle for kids and a fenced dog area.



IRCHA SPEED CUP WINNER EXHIBITION FLIGHT

The winner of the IRCHA Speed Cup unlimited class will do a speed demo at center stage on Saturday for all assistants to appreciate this discipline and this pilot will be given his Speed Cup Winner Plaque at that time.

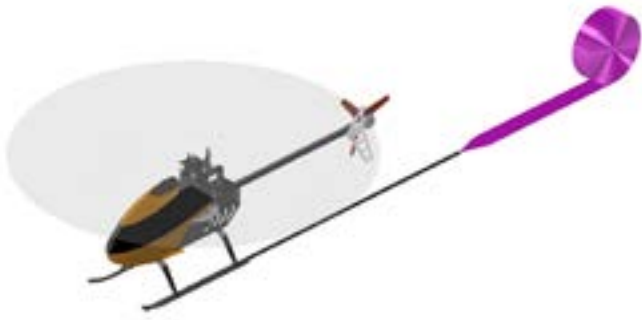
Amateur 3D Contest (IRCHA's Got Talent)

This is a contest tailored to all non-sponsored pilots. Thursday will be the Qualifying Rounds. Finals will be Friday Morning. People competing in this competition get an additional registered pilots drawing ticket at the end of the event. A plaque will be awarded to the winner.



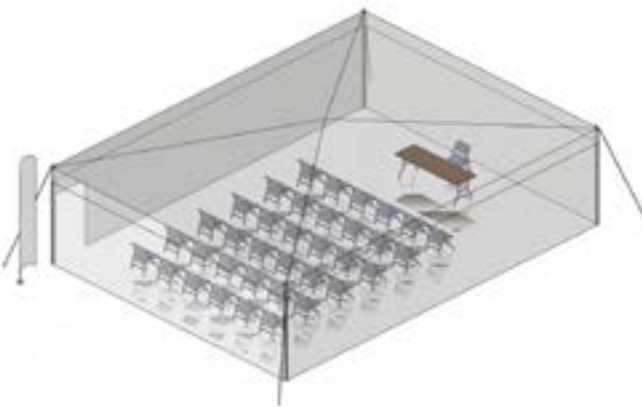
IRCHA SCALE COMPETITION

Amazing scale helicopters compete to be the winner of the IRCHA class scale competition. Schedule to be announced when the scale group setups the schedule. A plaque will be awarded to winner



200-CLASS STREAMER COMBAT

In this thrilling event, a 2-foot-long carbon rod with a 10-foot streamer at the end is attached to the landing gear of 200-Class helicopters. Competitors aim to cut their opponents' streamers to score points. However, pilots must avoid pirouetting, flying backwards, or flying into their own streamer, as this can lead to self-inflicted cuts, adding a humorous and challenging element to the competition. Points are awarded for cuts made by the main or tail blades, and additional points are given based on the amount of uncut streamer brought back by the helicopter. Scores are recorded by a judge assigned to each pilot. While mid-air collisions are neither encouraged nor welcomed, they are possible. Competitors also receive an extra drawing ticket, and the last one standing is awarded a plaque.



THE JAMBOREE SEMINARS

Starting this year, we will feature a walled conference room tent where sponsors and notable figures in the hobby will deliver lectures for attendees. These lectures have proven very popular at other events worldwide. We encourage sponsors to present engaging talks for the pilots attending the event. Various new products

will be introduced, including new models hitting the market and new FBL and radios, including open-source options, that generate significant interest.

So far, we have scheduled:

The Instinctive Flying Technique

How to Understand and Master PID Settings

The JR Trinity FBL System by JR

The Open-Source Rotorflight FBL Setup

Many more topics will be announced soon. Attendees who participate in the full seminars will receive an additional registered pilots drawing ticket at the end of the seminar.



FIREWORKS ARE BACK!

This year we are bringing the fireworks back. This is one of the most wanted features people have missed and whoever sponsors it will have a huge Center Stage 50'x10' (15mx3m) Banner at North limit of the center

stage flight station visible in most event coverage and will win a huge gratitude from the participants and the social media coverage. It is a great event finale and part of the great memories of the event. [Watch a past one here](#)



JAMBOREE PILOT'S DRAWING

A crowd favorite, the annual IRCHA Jamboree Pilot's Drawing is a highlight event full of products donated by our sponsors. This exciting drawing offers pilots a chance to win a plethora of prizes ranging from the latest helicopter models and high-tech accessories to vouchers and other hobby-related items. Each registered pilot receives four drawing tickets and places the tickets inside boxes assigned to each major prize or in the general box for non-major prizes.



GRAND PRIZE DRAWING

The centerpiece of our event drawing, the Grand Prize, is a professionally assembled, fully operational helicopter, complete with all electronics and ready for flight.

The lucky winner will receive one of the market's premier helicopters, equipped with a top-tier radio system and accessories. Just add batteries, and you're ready to fly!



ON-SITE GOLF CARTS

This year we have the Golf Carts on-site operated by the Golf Cart company with on-site service. They can be rented from one-day to one week at a very affordable price. There is no curfew and all transactions will be handled by the golf cart rental company. Please visit the IRCHA site for the [contact info and the special rates they devised for the Jamboree event](#)

PARTICIPATE AND WIN!



All registered pilots that participate in the fun events or assist from the beginning to end of lectures and seminars will receive an extra drawing ticket for the pilot's drawing.

SPONSOR PROMOTIONAL OPPORTUNITIES



Test Drive a Helicopter (Buddy Box)

At the IRCHA Jamboree, one of the most engaging activities offered is “buddy-boxing,” a supervised opportunity that allows attendees to test-fly a new RC helicopter risk-free. In this activity, a novice pilot is paired with an experienced pilot using a dual-control system known as a buddy box. The setup ensures that the experienced pilot can instantly take over the controls if necessary, providing a safe and controlled environment for beginners. This hands-on experience not only boosts confidence among new enthusiasts but also allows them to feel the thrill of flying an advanced model helicopter without the usual risks associated with solo flying a new and potentially unfamiliar machine.

New Product Demos

A standout activity is the live new product demos conducted by the event sponsors. Positioned at center stage, this showcase allows sponsors to unveil their latest products, giving assisting pilots and attendees the chance to see these new products in action for the first time. This dynamic presentation not only highlights the advanced capabilities of new helicopters, radios and accessories but also offers a platform for pilots to ask questions and gain insights directly from the creators. It's a unique opportunity for enthusiasts to experience firsthand the cutting-edge advancements in the RC helicopter industry, enhancing both their knowledge and excitement for the hobby.

Jamboree Talks and Lectures

We invite the event sponsors to become a pivotal part of our Talks and Lectures series at the IRCHA Jamboree, a platform where innovation meets expertise. This segment of the event offers experts and sponsors a unique opportunity to delve into the intricate details of their latest technological advances and distinguish their products in front of an engaged and knowledgeable audience. By participating, you'll not only highlight what sets your products apart but also enhance your brand's visibility and reputation within the community. It's an exceptional chance to connect directly with enthusiasts and industry peers, share your insights, and demonstrate your commitment to advancing the field of RC helicopters. Join us to influence and inspire at one of the most anticipated gatherings in the RC helicopter community.

ADDITIONAL OPPORTUNITIES

Fireworks:

The sponsor gets a Center Stage 50'x10' (15mx3m) Banner visible in all the center stage videos and activities and ability to do their brand's show with the Fireworks.

Grand Prize

Main artwork for back of T-Shirt as well as the main artwork on the pilot badges.

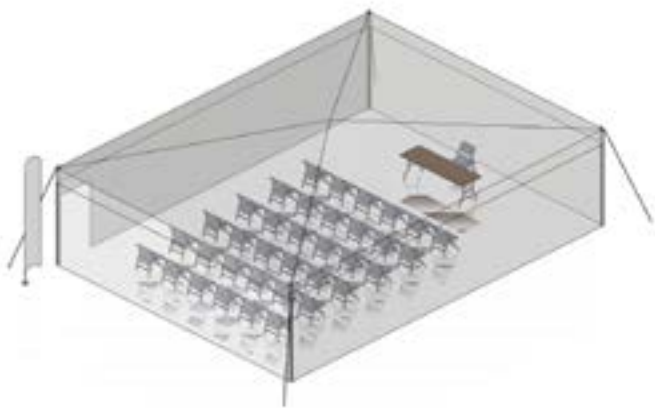
Advertising on the Flight line Shuttle Carts

We are having two six-person golf carts transporting people around the event. Each cart can carry two flags waving in the wind while the cart is moving as well as side banners on the car. If Sponsors chooses he can distribute product literature to riders.

Center Stage Sound Booth Wall Logos

The sound booth is visible in many videos. An opportunity to sponsor the three walls facing south, east and west is available.

LECTURES & PRESENTATIONS



Demystifying the PID Parameters

One of the most misunderstood and often surrounded in mystery aspects of RC Helicopter setup is the PID system. This lecture will completely demystify and clear the concepts to make it very easy to understand and to teach what exactly each one does, how and why to adjust them with 100% confidence and no doubts. Advanced concepts like “Integral relaxation” will be explained and will seem trivial afterwards. Don’t miss it you will love this knowledge. Flight demo using the technique will be done the day after to test people’s practicing the night after the lecture.

The Instinctive Flying Method

The instinctive flying method marks a transformative change in how enthusiasts pilot radio-controlled helicopters, offering a significant advantage to those who struggle with traditional 3D flying techniques. This method has broadened its appeal across age groups, enabling even older individuals to master complex maneuvers like low-level piroflips and rekindling the passion for seasoned pilots disenchanted by the hobby. It enhances technical skills and injects new enthusiasm into the flying community.

At the core of this technique is the use of instinctive, unconscious responses, similar to how the body automatically manages muscle contractions to maintain balance. By allowing these instinctual responses to guide flying actions, pilots can achieve faster reaction times than what’s possible with conscious control.

The training begins with simple tricks to rewire the brain, progressing to a level where pilots no longer need to consciously think through each movement. This method simplifies the learning process, enabling quick mastery of new skills as the brain learns to command the muscles instinctively.

Many enthusiasts, including some who now compete professionally or represent brands as team pilots, have successfully adopted this technique. For those who have abandoned the hobby out of frustration or difficulty, this method presents a low-risk opportunity for significant improvement and skill enhancement.

JR new Trinity Flybarless System

The new Trinity Flybarless system from JR will be presented and explained in detail by Nick Maxwell and JR team pilots. It’s a new ecosystem from the radio all the way down to the servo using their XBUS serial protocol. Don’t miss it because it will be a very interesting lecture.

RotorFlight 2 Setup

A very interesting lecture on how to setup the Open Source RotorFLight 2 system. The Lecture will be done by Robert Gayle who works on the LUA scripts for the RotorFlight team and Mike Wilson who is a test pilot for the system.

ADDITIONAL SUBJECTS

As we receive the sponsors requests for lectures we will update this list and send it to all the sponsors.

BECOME AN IRCHA MEMBER



2024 IRCHA JAMBOREE SCHEDULE

Time Event

Location

Friday

9:30am-9:45am	Pilot's Briefing/Flying the Flag	Site 4 Center Stage
10:00am-12:00pm	New product demos	Site 4 Center Stage
12:00pm-2:00pm	IRCHA Noon Demos (Gold Sponsors)	Site 4 Center Stage
2:00pm-3:00pm	Drag Races	Site 4 Center Stage
3:00pm-4:00pm	RotorFlight Seminar	Conference Room
3:00pm-4:00pm	Precision Autorotation Contest	Site 4 Center Stage
4:00pm-4:30pm	Kontronik's Logging features Seminar	Conference Room
4:00pm-5:00pm	Aerobatic Auto Competition with Limbo Finale	Site 4 Center Stage
4:30pm-5:00pm	JR's new Trinity FBL	Conference Room
5:00pm-6:00pm	Demystifying the PID Parameters	Conference Room
6:00pm-7:00pm	Kyle Dahl's "No inverted" competition	Site 4 Center Stage
7:00pm-9:00pm	Obstacle course for 150 and 200 class helis	Site 4 Center Stage
9:00pm-11:00pm	IRCHA World Night Fly Championship	Site 4 Center Stage
11:00pm-3:00am	Open flying under the lights	Site 4 Center Stage

Saturday

9:30am-9:45am	Pilot's Briefing/Flying the Flag	Site 4 Center Stage
10:00am-11:00am	PEE-WEE Pylon Race	Site 4 Center Stage
11:00am-12:00pm	Bottle Drop Bombing	Site 4 Center Stage
11:00pm-11:30pm	Scorpion new ESC Power System	Conference Room
12:00pm-1:00pm	IRCHA Noon Demos Spectacular (Platinum)	Site 4 Center Stage
1:00pm-2:00pm	Instinctive Flying Method	Conference Room
2:00pm-3:00pm	Go-Off station	Site 4 Center Stage
3:00pm-4:30pm	Pilot's and Grand Prize drawing	Site 4 Center Stage
4:30pm-5:30pm	Dinner	Site 4 Center Stage
5:00pm-5:30pm	Goosky New Scale Model	Conference Room
6:00pm-8:00pm	BATTLE OF THE BRANDS	Site 4 Center Stage
9:00pm-11 :00pm	IRCHA King of the Midnight Sun	Site 4 Center Stage
11:00pm-11:10pm	IRCHA Fireworks Extravaganza	Site 4 Center Stage
11:30pm-12:00am	King of the Midnight Sun Victory flight/Awards	Site 4 Center Stage
12:00am-3:00am	Open flying under the lights	Site 4 Center Stage

IRCHA Scale Cup

Friday

2:00pm-4:00pm	Static Judging and First Round	Site 4 Scale Tent.
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Saturday

2:00pm-4:00pm	Static Judging and Second Round	Site 4 Scale Tent.
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IRCHA SPEED CUP

Thursday

9:00am-3:00pm	IRCHA SPEED CUP Inspections & Practice	Site 3 Speed Cup
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Friday

9:00am-12:00pm	Speed Cup	Site 3 Speed Cup
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**Note: Stations are numbered from the center stage out starting with "1 East" as the next to the left of center stage and 1 West to the right next to the center.*

2024 IRCHA JAMBOREE SEMINARS SCHEDULE

	Time	Event	Location
Friday			
	3:00pm-4:00pm	RotorFlight Seminar	Conference Room
	4:00pm-4:30pm	Kontronik's Logging features Seminar	Conference Room
	4:30pm-5:00pm	JR's new Trinity FBL	Conference Room
	5:00pm-6:00pm	Demystifying the PID Parameters	Conference Room
Saturday			
	11:00pm-11:30pm	Scorpion new ESC Power System	Conference Room
	1:00pm-2:00pm	Instinctive Flying Method	Conference Room
	5:00pm-5:30pm	Goosky New Scale Model	Conference Room

FLAGS AT THE ENTRANCE ROAD



The flags are placed at the entrance roads and provide very good advertisement for the brands that the sponsor will promote. They are included only in the premium packages.

FLAGS AT THE SAFETY LINE



These flags are placed along the flight line's safety line. They are visible across the flight line and next to the flight stations. Very visible in videos of the event. They are included only in the premium packages.

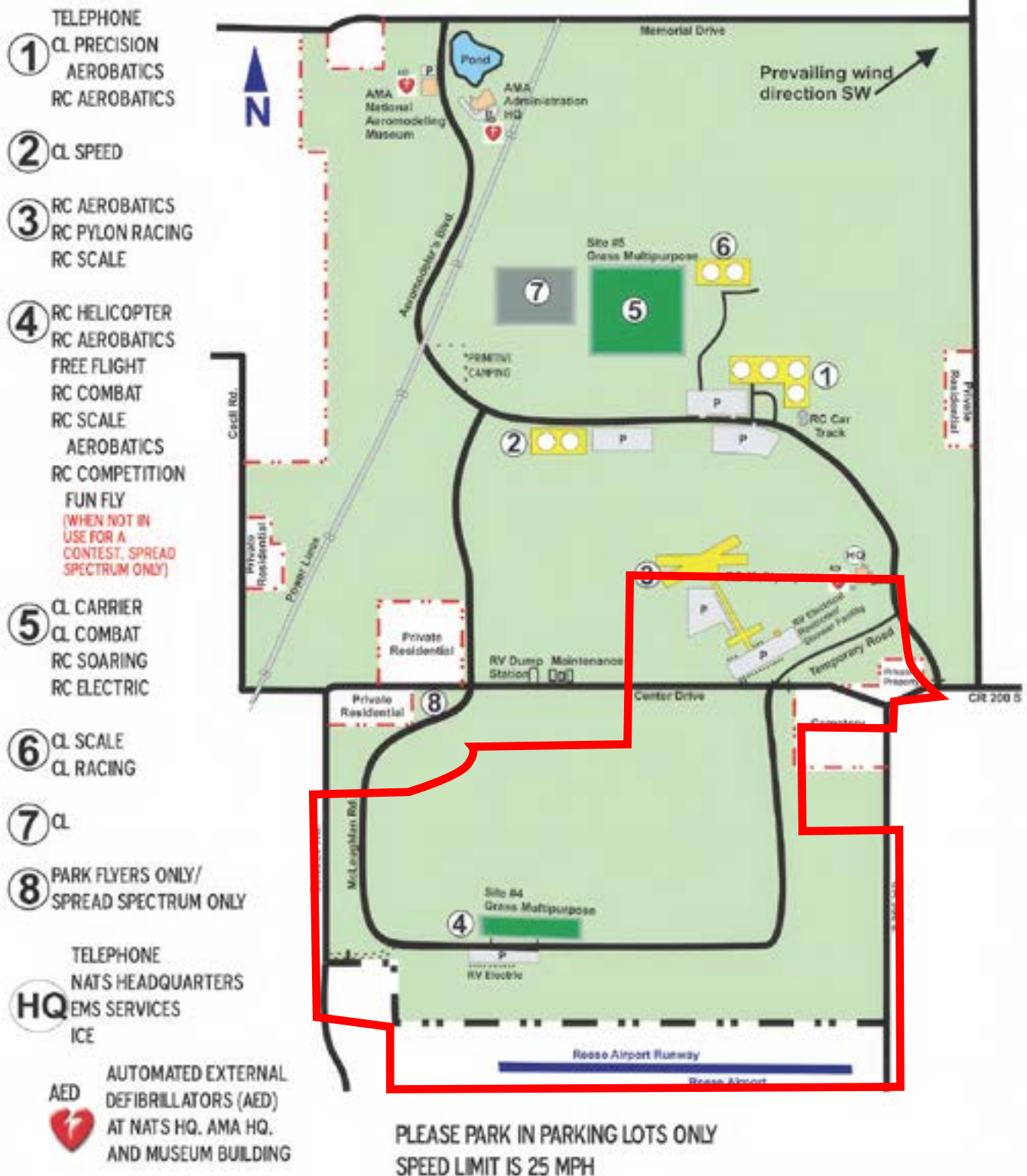
FLAGS AT THE BOOTH AND ACROSS THE TRANSIT AILE

FRONT OF
THE BOOTH



ACROSS THE
TRANSIT
AISLE

INTERNATIONAL AEROMODELING CENTER SITE MAP



Shipping merchandise to the Jamboree

To send drawing prizes as well as supplies for your booth like marketing materials or products to sell please send them directly to the AMA Building. Address them to "IRCHA <sponsor> booth c/o AMA" where <sponsor> is your company name.

The AMA building address is:

Academy of Model Aeronautics AMA
5161 E. Memorial Dr.
Muncie IN 47302