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# U.S. National Aerobatic Championships

Salina Regional Airport (KSLN)

24-29 September 2023

Salina, Kansas

Bulletin No. 3



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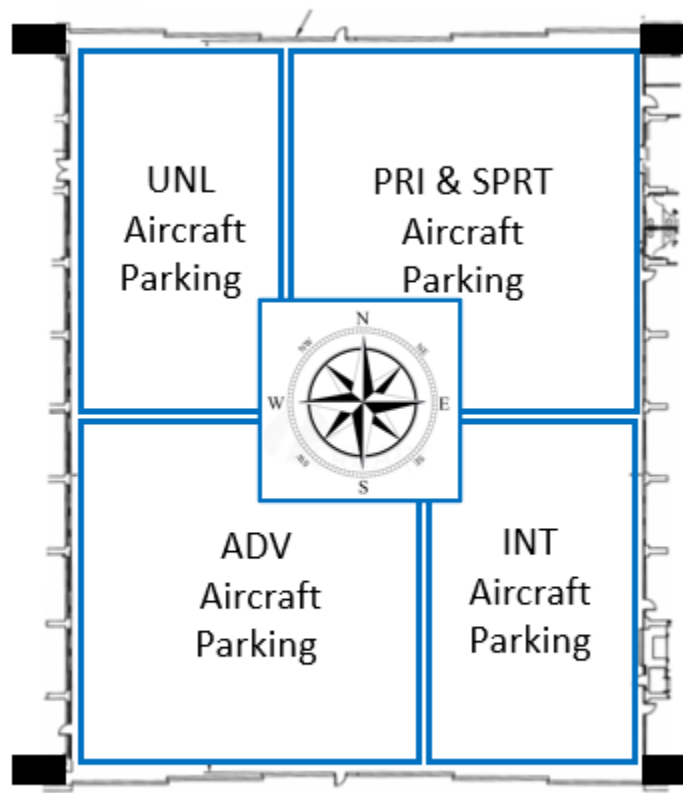
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## 1. Hangar, Ramp Operations & Procedures

The 2023 U.S. Nationals will be headquartered in Hangar 509, which is located just North of the control tower (see Appendix B). Gliders and tow planes will use hangar 504, which is located to the South of the tower (see Appendix B).

### 1.1 Hangar Arrangements

Hangar 509 has doors on both the North and South end of the facility. We will group categories on each end of the hangars to allow our Starters to focus on one side or the other. The below distribution splits the aircraft.



Hangar 509 Parking Concept

**North Ramp** – Primary, Sportsman, Unlimited  
**South Ramp** – Intermediate & Advanced

## 1.2 Ramp Operations

This is the Starter's arrangement for the ramp. Please note the Dead Prop Line. Anyone operating a competition aircraft to the east of the yellow line shown (located to the west of the vehicle traffic roadway) is subject to penalties and/or disqualification.



## 1.3 Departures

Once cleared to start/started, contact Salina Ground. Expect an intersection departure on runway 17-35 from Taxiway D. Runway 17-35 is 12,301 ft. in length and taxiway D is nearly midfield. Upon departure from Runway 17-35 expect to fly runway heading or be given an **EAST** crosswind turnout. Continue to climb on the runway heading or crosswind until instructed to switch to the hold/Airboss frequency. At that time, you can proceed to the appropriate hold area, likely the secondary hold. You will be instructed to change to the **HOLD** frequency 122.125.

Please **REMAIN** on tower frequency until instructed to change. Please check in with the airboss once you have pushed to the hold frequency. You will be instructed by the Airboss when you are to proceed to the primary hold as well as when to switch to **BOX** frequency (129.925). Monitor the box frequency, but do not check in. A competitor may be in the box. You will be contacted as required. If you have been on the box frequency for some time without contact, please contact the Airboss on the hold frequency. Radio contact must be established with the chief judge and you must be cleared by the chief judge into the box.



## 1.4 Recovery, Landing, Taxi to the Ramp, and Parking

Remain on the West side of 17-35 and depart box downwind from runway you departed, descend/climb to 1,000' AGL, and on downwind to 17-35, contact tower on **119.3**. Turn base when advised by Tower and after landing:

- Turn off runway 17 at C - do not use D, E, or F unless directed by tower
- Turn off runway 35 at B or C

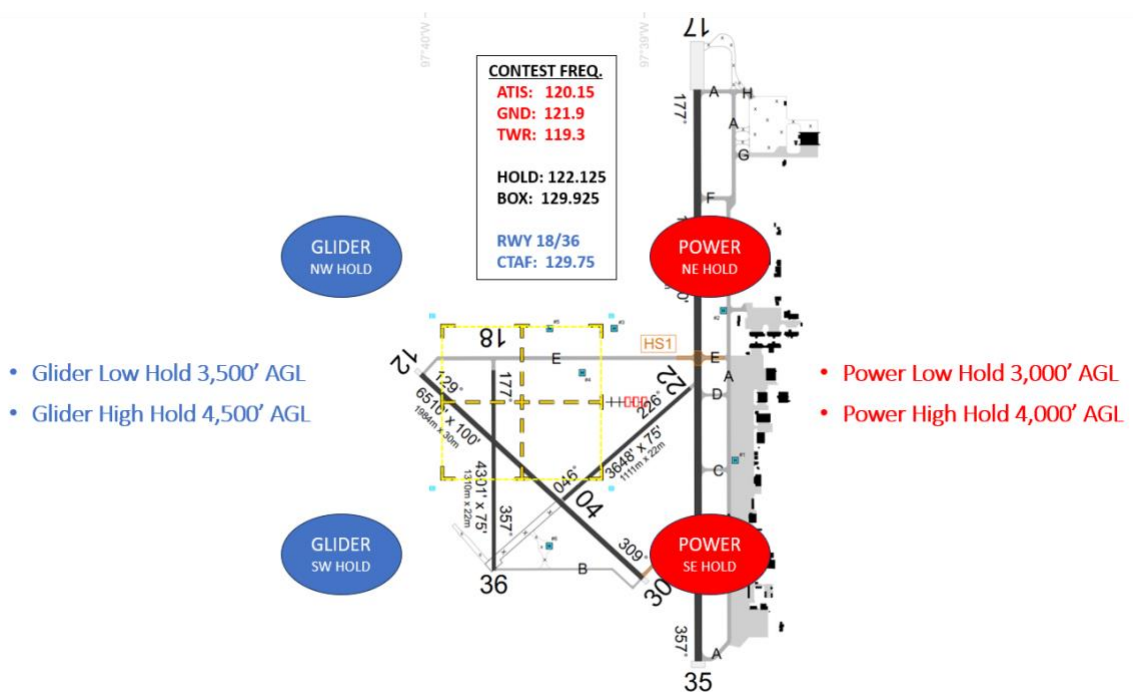
Contact Ground – **121.9**, taxi to fuel trucks by hangar 509 or to the North/South end of Hangar 509, as appropriate for your category.

## 1.5 Glider Operations

Glider operations will be briefed in detail at the opening briefing. We will use runway 18-36 for all tow plane and glider operations, as we have done previously. Runway 12-30 will also be available for crosswind situations.

## 2. Holding Patterns

As in the past, holding patterns will be used by gliders and powered aircraft. This will be briefed in detail during the opening briefing and each flight briefing. Hold locations have been changed for 2023 and this graphic is provided for general information.



### 3. Contingency Airports and Aborts

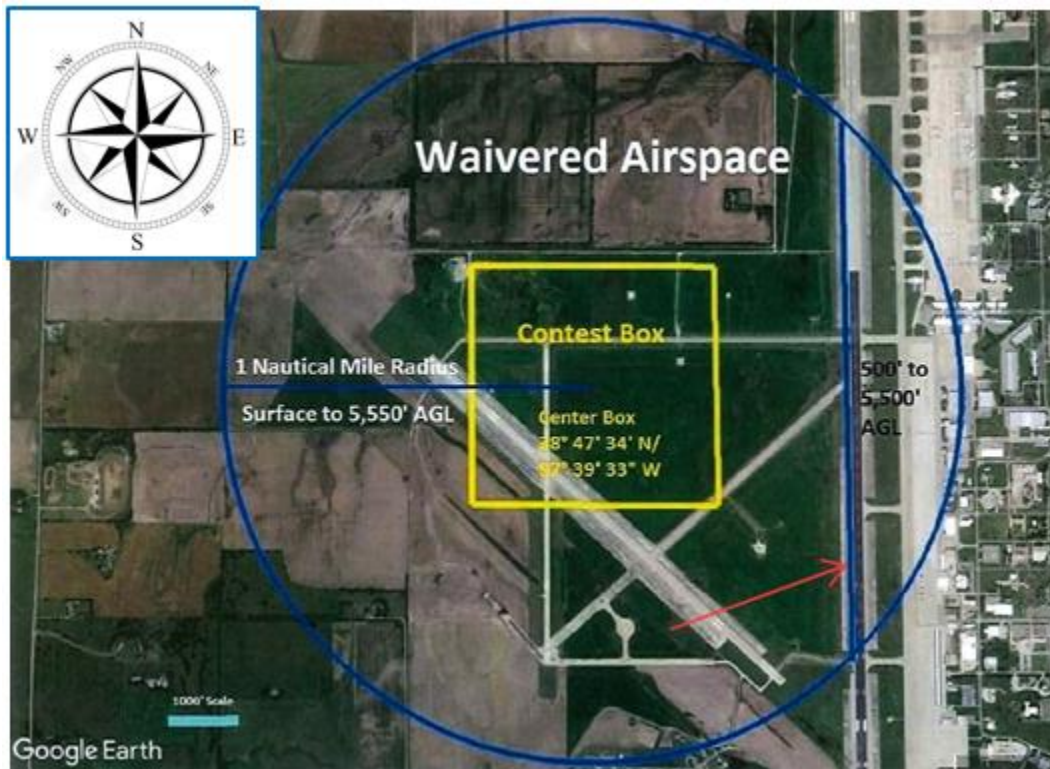


The following are possibilities for divers in the event runways become unusable at Salina. These are the alternate airport specifications:

<u>NAME</u>	<u>ID</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>RUNWAY(S)</u>	<u>FREQ</u>
Minneapolis City	45K	347	18.5 NM	16-34 Asphalt (3,970'x20')	122.9
Abilene Municipal	K78	68	20.7 NM	17-35 Concrete (4,100'x75')	122.8
McPherson	KMPR	181	26.3 NM	18-36 Concrete (5,500'x100')	122.8
Ellsworth	9K7	262	27.2 NM	17-35 Asphalt (4,327'x50') 12-30 Grass (2,144'x250')	122.7
Lincoln Municipal	K71	301	28.9 NM	02-20 Grass (2,700'x130') 15-33 Grass (2,700'x370')	122.9

#### 4. Waivered Airspace

The diagram below shows the waived airspace agreed to by the Salina Airport Authority, the ATC Tower, and FAA.



Note the **RED ARROW**. This is the eastern edge of the waived airspace that extends from the surface to 5,500 feet AGL. The segment of airspace to the east of that line is only waived from 500 feet AGL to 5,500 feet AGL. The vertical blue line, which is basically Runway 17/35 is a “*deadline*” for aerobatics below 500 feet that must be observed as this meets the Special Provisions of the FAA waiver which require 500 feet distance from occupied structures and non-essential personnel.

#### 5. Boundary Judges

There is a Rule Deviation at the 2023 U.S. Nationals. Per the 2023 IAC Official Contest Rules (3.3.1), the contest director has elected to waive the Boundary Judges and Boundary Infringement Penalty for the 2023 U.S. Nationals. This was approved by the IAC Board of Directors.



## 6. Practice Rules

Prior to practicing in the Aerobatic Box, pilots must:

- Sign the FAA Waiver located at the Box Monitor station.
- Sign the Liability Form and present it to the Box Monitor.
- Have signed Aircraft Review & Document Review forms, per the new IAC Tech Inspection process, and present them to the Box Monitor
- Complete a briefing with the Box Monitor 60 minutes prior to your practice slot time.

**Open Practice** (Thursday, 21 September & Friday, 22 September) – first come, first served. Upon arrival, check with the **Box Monitor** (Gary DeBaun) for any open practice slots. You may choose only one slot at this time. The Box Monitor has a checklist of items he is required to brief you on.

You may put your name and cell phone number on the Standby List for Open Practice. If someone has an open practice slot but does not check in with the Box Monitor **60 minutes** before their slot time it will be given to someone on the Standby List. If the box monitor calls you and you do not answer your phone, your standby slot will be given to the next person on the list.

**Official Practice** (Saturday, 23 September) – You must have registered and paid your fees before you can pick an official time slot. All official practice day slots that do not have a contest fee payment associated with them will be released next week on Thursday September 14. If you are unable to get back into the payment screen in your registration, please contact Robin Simmons, Nationals Treasurer for an invoice. Robin can be emailed at: [acronats@outlook.com](mailto:acronats@outlook.com).

You may choose only one slot at this time. Be aware slot times are hard times – if you want to change your time it may be difficult or not possible at all. The Box Monitor will do what they can to help you but remember – he is busy with pilots in the box and in the hold – interfering with them could be a safety issue to those already in the air.

### Notes:

- Check your watch to ensure you have the **correct time zone**.
- You must be in the aerobatic hold at least **2 minutes before your Official Slot Time**.
- The Box Monitor will give you a two-minute warning before your time is up.
- You **must exit the box** when the Box Monitor tells you your time is up.

Questions? Don't wait till you get to the contest. Ask the Box Monitor(s) now:

Box Monitor  
Gary DeBaun  
[B747Inst@aol.com](mailto:B747Inst@aol.com)  
(612) 810-6783

Assistant Box Monitor  
Jeff Granger  
[jgranger230@gmail.com](mailto:jgranger230@gmail.com)  
(574) 721-4340





## 7. Free Program Files for the Scoring Office – A Reminder

Pilots are requested to submit all free programs via email no later than **September 21<sup>st</sup>**.

We will be preparing our scoring system in advance, and this saves time on site if we can get as many Free Programs loaded as possible before the start of Nationals. Please email your free programs to the following email address: [nationals.freestyles@gmail.com](mailto:nationals.freestyles@gmail.com).

Please submit your freestyle in Adobe PDF format, including individual A, B, & C forms as well as a consolidated PDF of those forms using the following naming convention:

LastName\_FirstName\_IACNumber\_Category\_Freestyle.pdf  
LastName\_FirstName\_IACNumber\_Category\_Freestyle\_FormA.pdf  
LastName\_FirstName\_IACNumber\_Category\_Freestyle\_FormB.pdf  
LastName\_FirstName\_IACNumber\_Category\_Freestyle\_FormC.pdf

Examples:

Pilot\_Joe\_12345\_Intermediate\_Freestyle.pdf  
Pilot\_Joe\_12345\_Intermediate\_Freestyle\_FormA.pdf  
Pilot\_Joe\_12345\_Intermediate\_Freestyle\_FormB.pdf  
Pilot\_Joe\_12345\_Intermediate\_Freestyle\_FormC.pdf

A confirmation email will be provided acknowledging receipt of your free program files. Please contact Bob “Bwana” Buckley at [bwana@comcast.net](mailto:bwana@comcast.net) with any questions or concerns regarding your free submission.

## 8. Free Unknown Programs

Advanced and Unlimited Competitors in the Power Category should come prepared to submit Free Unknown figures in accordance with the rules provided in IAC P&P 503. Submission of Free Unknowns sequences to the Contest Jury requires submission with Open Aero computer files. Per P&P 503, the Advanced Free Unknown flight and first Unlimited Free Unknown flight figures will be drawn from the IAC's list of allowable unknown figures and limited to minimum and maximum K values as defined in the P&P. The second Unlimited Free Unknown flight, which only applies to Unlimited team aspirants, will have figures drawn from the CIVA catalogue of allowable unknown figures.

### 8.1 Unlimited Team Selection

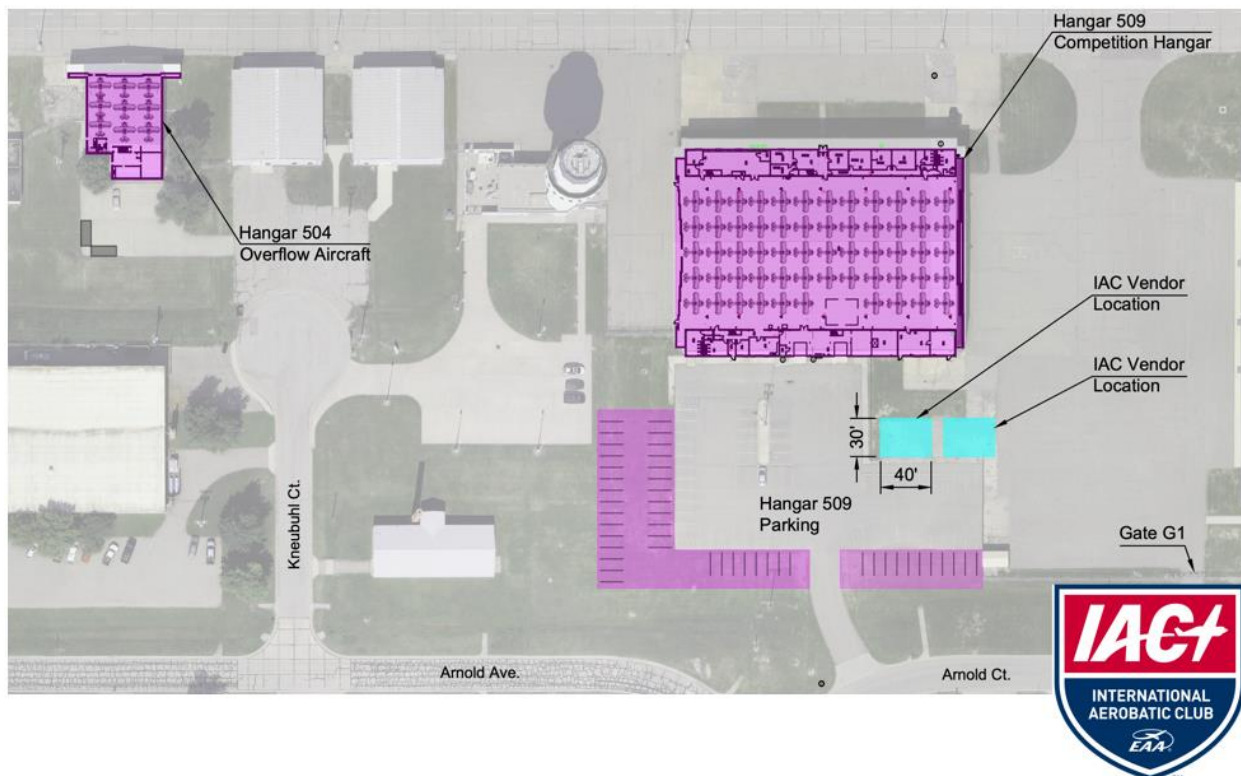
We will be selecting 12 Unlimited team members of any gender at the 2023 nationals. The recent removal of gender segregation at CIVA opens all 12 slots to both genders (previously, it was 12 total members with no more than 8 in one gender). Our P&Ps specify that we will use CIVA limits. Therefore, we can send 12 team members, provided they meet the other qualifying criteria including the 65% threshold.

## 9. Parking at Hangar 509

The parking lot at hangar 509 is smaller than what we have had previously. The Salina airport authority has authorized additional parking in the grass, as needed (See diagram below). When able, please carpool and park in a manner that allows the maximum number of vehicles in the paved parking lot. Parking on Arnold Ave, Arnold Ct, or in the tower parking lot is prohibited.

### 9.1 Driver Training

As a reminder, all personnel operating a vehicle on the non-movement (ramp) and movement (taxiway/runway) areas are required to receive driver training. This training has been coordinated by our Transportation Coordinator, Jim Branstire and will be conducted on multiple occasions ahead of the contest start. Check the official schedule for the training dates and time. Those vehicles/drivers who have gate access cards are requested to use Gate G1 (see below).



## 10. 2023 U.S. Nationals is “Cashless”

No cash payments for entry fees, merchandise, auction items or donations will be accepted at nationals. We will accept all major credit cards, personal check, and PayPal.



## 11. Order of Flight Drawing

The 2023 Nationals planning team has been focused on bringing the sense of community and camaraderie back to nationals. In support of this effort, we will be conducting drawings for the Known Program Order of Flight. Pilots are requested to attend their categories briefing to participate in the process. If the briefing conflicts with a scheduled practice slot or your pre/post flight preparations, a jury member will draw for you. While not mandatory, pilots are encouraged to attend. The drawings will be held on Saturday, September 23<sup>rd</sup> as follows:

1200	Unlimited Known Program Order of Flight Drawing
1230	Advanced Known Program Order of Flight Drawing
1300	Intermediate Known Program Order of Flight Drawing
1330	Primary & Sportsman Known Program Order of Flight Drawing

## 12. Medals Dinner & Awards Banquet

This year, the U.S. Nationals medals dinner & Awards Banquet will be held free of charge to Nationals participants – pilots, officials, judges, and non-flying volunteers. This is thanks to the sponsorship of the banquet by **Aura Aero**, a French manufacturer of aerobatic aircraft. Our thanks to this fine company.



All guest tickets for The Garage, medals dinner, and awards banquet were required to be pre-purchased. **TICKETS WILL NOT BE AVAILABLE FOR PURCHASE DURING NATIONALS.** Friends and family who **did not** pre-purchase tickets are still welcome to attend the awards portion of the medals dinner and banquet but will not be allowed into the banquet rooms until after the meals have been served.

## 13. Food and Beverage on the Contest Site

As in the past, Dry Creek Buffalo Chuck Wagon will provide food service which will be set up at the north end of Hangar 509. A variety of menu items will be available including fresh salads made daily. Vegetarian options and daily specials will also be available. Hours will vary but generally from 10.00 to 15.00 each day from Friday, 22 September to Friday, 29 September.





## Appendix A

### 2023 U.S. Nationals Key Volunteer List and Officials

Key Volunteer Group			
Name	Title	Cell Phone	E-Mail
Shad Coulson	Contest Director	(719) 650-6686	<a href="mailto:shadcoulson@gmail.com">shadcoulson@gmail.com</a>
Mary Beth Rudd	Registrar	(850) 766-3160	<a href="mailto:marybethrudd@gmail.com">marybethrudd@gmail.com</a>
Alice Johnson	Volunteer Coordinator	(615) 579-0698	<a href="mailto:aljohnson487@gmail.com">aljohnson487@gmail.com</a>
Monique Hartmann	Communications	(561) 713-4280	<a href="mailto:mrsoilcan@gmail.com">mrsoilcan@gmail.com</a>
Keith Doyne	Safety Director	(717) 512-2608	<a href="mailto:kdoyne@verizon.net">kdoyne@verizon.net</a>
Dale Byrkit	Starter	(402) 366-7495	<a href="mailto:dbyrkit@windstream.net">dbyrkit@windstream.net</a>
Doug Vayda	Assistant Starter	(386) 327-5029	<a href="mailto:doug vayda@gmail.com">doug vayda@gmail.com</a>
Gary DeBaun	Practice Boxmaster	(612) 810-6783	<a href="mailto:b747inst@aol.com">b747inst@aol.com</a>
Jeff Granger	Assistant Boxmaster	(574) 721-4340	<a href="mailto:jgranger230@gmail.com">jgranger230@gmail.com</a>
Gary DeBaun	Chief Tech Monitor	(612) 810-6783	<a href="mailto:b747inst@aol.com">b747inst@aol.com</a>
Teri Branstitre	Scoring Director	(503) 407-2543	<a href="mailto:teri.branstitre@gmail.com">teri.branstitre@gmail.com</a>
Bob Buckley	Asst Scoring Director	(719) 277-7017	<a href="mailto:bwanabawb@comcast.net">bwanabawb@comcast.net</a>
Forrest Fox	Videographer	(763) 443-2428	<a href="mailto:f2p@comcast.net">f2p@comcast.net</a>
Mark Matticola	USAFA Glider Ops	(719) 440-1965	<a href="mailto:mark.matticola.1@us.af.mil">mark.matticola.1@us.af.mil</a>
Sara Arnold	Hospitality	(515) 991-0866	<a href="mailto:sarnold969@gmail.com">sarnold969@gmail.com</a>
Lynn Bowes	Assistant Hospitality	(402) 770-5966	<a href="mailto:lynn.bowes@hotmail.com">lynn.bowes@hotmail.com</a>
Livy Phillip	Program Book	(920) 379-7483	<a href="mailto:optrabbold@yahoo.com">optrabbold@yahoo.com</a>
Dr. Jonathan Apfelbaum	Medical Director	(801) 913-1211	<a href="mailto:jonathan.apfelbaum@gmail.com">jonathan.apfelbaum@gmail.com</a>
Jim Branstitre	Transportation Coordinator	(503) 407-2542	<a href="mailto:branstitre@comcast.net">branstitre@comcast.net</a>

IAC Officials			
Jim Bourke	President	(541) 231-6077	<a href="mailto:president@iac.org">president@iac.org</a>
Steve Kurtzahn	Executive Director	(651) 448-1604	<a href="mailto:execdir@iac.org">execdir@iac.org</a>
Lorrie Penner	Editor	(513) 284-5076	<a href="mailto:editor@iac.org">editor@iac.org</a>



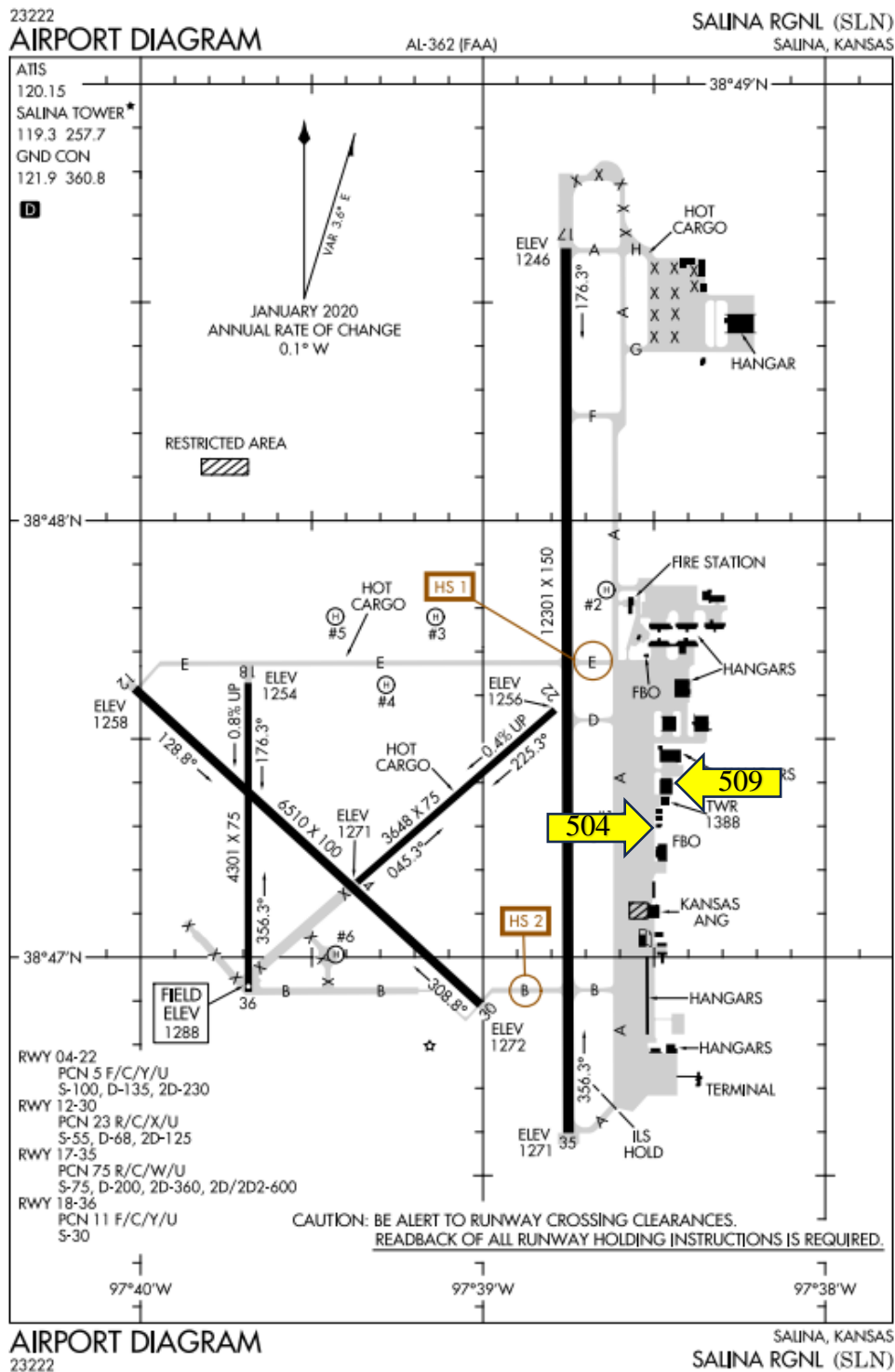
<b>Chief Judges</b>			
D.J. Molny	Judges Coordinator	(303) 619-4814	<a href="mailto:judgeschair@iac.org">judgeschair@iac.org</a>
Mark Matticola	Primary/Sportsman	(719) 440-1965	<a href="mailto:mark.matticola.1@us.af.mil">mark.matticola.1@us.af.mil</a>
Peggy Riedinger	Intermediate	(206) 783-5141	<a href="mailto:peg-riedinger@live.com">peg-riedinger@live.com</a>
D.J. Molny	Advanced	(303) 619-4814	<a href="mailto:judgeschair@iac.org">judgeschair@iac.org</a>
Hector Ramirez	Unlimited	(256) 651-1648	<a href="mailto:heclau@aol.com">heclau@aol.com</a>

<b>Jury Members</b>			
Barrett Hines (Jury Chair)	Southwest Region	(805) 217-3998	<a href="mailto:barretthines@verizon.net">barretthines@verizon.net</a>
Keith Doyne (Safety Director)	Northeast Region	(717) 512-2608	<a href="mailto:kdoyne@verizon.net">kdoyne@verizon.net</a>
Monique Hartmann	Southeast Region	(561) 713-4280	<a href="mailto:mrsoilcan@gmail.com">mrsoilcan@gmail.com</a>
Mike Lents	Mid-America Region	(561) 713-4280	<a href="mailto:michael.lents@und.edu">michael.lents@und.edu</a>
Mike Gallaway	South-Central Region	(561) 713-4280	<a href="mailto:mike.gallaway@tx.rr.com">mike.gallaway@tx.rr.com</a>
Jerry Riedinger	Northwest Region	(425) 985-9469	<a href="mailto:jriedinger@perkinscoie.com">jriedinger@perkinscoie.com</a>
Mike Heuer	International Region	(901) 230-9006	<a href="mailto:mike@mheuer.com">mike@mheuer.com</a>
<b>Alternates</b>			
Craig Gifford	Mid-America Region	(952) 681-0066	<a href="mailto:craig@craiggifford.com">craig@craiggifford.com</a>
Bob Buckley	South-Central Region	(719) 277-7017	<a href="mailto:bwanabawb@comcast.net">bwanabawb@comcast.net</a>
Jeff Granger	Southwest Region	(574) 721-4340	<a href="mailto:jgranger230@gmail.com">jgranger230@gmail.com</a>



## Appendix B

### Airport Diagram and Location of Hangars 509 (Power) & 504 (Glider)



## Appendix C Nationals Sponsors

Our thanks to all the sponsors of the 2023 U.S. National Aerobatic Championships!

# Thank You

Without you this would not be the best contest of the year!

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