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# **U.S. National Aerobatic Championships**

**Salina Regional Airport (KSLN)**

**September 21-27, 2019**

**Salina, Kansas**

**USA**



**Bulletin No. 2**

**24 August 2019**



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**Revision History**

Revision History	Section	Change	Page
Version 1 – 4 July 2019	N/A	N/A	N/A
Version 2 – 24 August 2019	N/A	As Noted	As Noted
	2.1	Added jury members.	5
	3.0	Revised schedule: Flying Saturday, Sunday, & Wednesday. KVG Dinner on Monday moved to Johnny Rotten’s Burger Bar.	6
	6.0	Added banquet fee added of \$50.00	10
	7.2	Advised no RV services available	11
	7.3	Added food truck Info: Saturday 21 thru Friday 27 from 10am - 2pm every day. Section was Reserved.	11
	7.4	No vehicles are allowed through the gates to the activity side of the airport (ramp, apron, anywhere) without a gate card which is obtained only by taking the video test in the terminal.	12
	8.0	Add parking info for gliders and support aircraft	12
	10.0	Revised contact list added Medical Director and new Videographer	13
	11.1	Revised figure and added contest frequencies	14
	17.1	Added request to bring handheld radios	21
	17.1	Added request to bring wheel chocks. It can get windy in Kansas. Ask Dorothy.	21
	Annex 1	Added Arrival, Departure, & Holding Procedure	22

## 1. General

The U.S. National Aerobatic Championship is organized by the International Aerobatic Club, Inc. (IAC), P. O. Box 3086, Oshkosh, WI 54903-3086.

### 1.1. Venue

The U.S. National Aerobatic Championship will be held at the Salina Regional Airport (KSLN), Salina, Kansas USA. The Nationals will be situated on the grounds of a former WW II and Strategic Air Command base just west of Salina, Ks and Interstate I-135.



Salina, Kansas is 90 miles north of Wichita (KICT), Kansas, the General Aviation Capital of the World and 181 miles west of downtown Kansas City. KSLN, KICT, and KMCI are all served by scheduled airline services.

## 2. Contest Officials

### 2.1. U.S. Nationals Contest Jury

Jury Chairman - Mike Heuer  
Michael Lents, Justin Hicks, Doug Sowder, Peggy Riedinger, A.J. Hefel

### 2.2. Chief Judges

Primary/Sportsman - Mark Matticola  
Intermediate - Peggy Riedinger  
Advanced - Bob Meyer  
Unlimited - Hector Ramirez  
4 Minute Free - Hector Ramirez

### 2.3. Organizing Body - International Aerobatic Club, Inc.

IAC President - Robert Armstrong  
IAC Vice President - Doug Bartlett  
Executive Director - Lorrie Penner

### 2.4. Officiating Body - International Aerobatic Club

Contest Director - Ron Schreck  
Assistant CD - Duncan Koerbel  
Starter - Gary DeBaun  
Volunteer Coordinator - Alice Johnson  
Registrar - Liza Weaver  
Scoring Director - Teri Branstitre  
Safety Director - Keith Doyne  
Chief Tech Inspect - John Ostmeyer  
Transportation Coordinator - Jim Branstitre  
Communications Director - Monique Hartmann



*Nationals Contest Director  
Ron Schreck*

### 2.5. Line Judges

Judges will be selected in accordance with the process in IAC P&P 501 and is based on available judging analysis, recency of experience, and overall performance.

Judges eligible to judge at Nationals include all IAC National Judges as well as Regional Judges who have logged 250+ contest flights judged.

Names of the balance of judges for each category will be provided in a future Bulletin.



3. **Schedule**

The overall flight sequence is highlighted below. A detailed master schedule follows.

**2019 US National Championships Flying Schedule Power & Gliders - Salina, KS**

Daily Sequence	Saturday -Sept 21	Sunday - Sept 22	Monday - Sept 23	Tuesday - Sept 24	Wed - Sept 25	Thursday - Sept 26	Friday -Sept 26
	AM Start Up	Intermediate	Primary	Intermediate	Intermediate	Wx / Contingency	Advanced 4 <sup>th</sup> Flight
	All Pilot Brief	Advanced	Sportsman	Unlimited	Advanced	Wx / Contingency	Four Minute Free
	Primary	Unlimited	Advanced	Primary	Unlimited	Wx / Contingency	Wrap Up
	Sportsman			Sportsman		Wx / Contingency	
		Flight 1		Flight 2		Flight 3	

**Tuesday, September 17**

Place Box Markers

**Wednesday, September 18**

1100 - Final Planning Conference: Terminal Conference Room (Nationals Officials and Salina Airport Authority)

1600 - Movement Area/ Air Operations Area (AOA) Driver Training, Terminal Conference Rm – Kenny Bieker

**Thursday, September 19**

0730 - Hangar 606 Open

0730-1900 - Open Practice Day (Gary Debaun, box master)

0730-1900 - Tech Inspections (John Ostmeyer, Tech Director)

**Friday, September 20**

0730 - Sign up for all unreserved practice slots for Friday & Saturday (Gary DeBaun)

0730 - 1900, Official Practice – (Gary DeBaun) Assigned time slots

0730 - 1900, Technical Inspections – (John Ostmeyer)

1200 - On site Registration and Volunteer signups begin

1600 - Movement Area Driver Training, Briefing Room / updated 6-24-19

**Saturday, September 21**

0730 -1030, Official Practice – (Gary DeBaun) Assigned time slots

0730 -1030, Technical Inspections – (John Ostmeyer)

0800 - Judge’s Refresher Course, Briefing Room – (Peggy Riedinger)

1000 - Meeting with Key Volunteer Group, Briefing Room – (Ron Schreck)

1100 - **Opening Ceremonies – H606 Hangar Second Floor**

1230 - Primary/Sportsman Known Pilots and Volunteers briefing, Briefing Room

1330 - **1830, Primary/Sportsman Known Program Flights (5 hours)**

1800 - Advanced Free Unknown 1 Figure Submission Meeting, Briefing Room

1930 - Cash Bar and Snacks – Holiday Inn (Host: Holiday Inn & Burger Theory restaurant)  
3145 S 9th St, Salina, KS 67401



**Sunday, September 22**

- 0730 - Technical Inspection and Registration continues
- 0800 - Intermediate Known Pilots and Volunteers briefing, Briefing Room
- 0900 - 1230, Intermediate Known Program Flights (3.5 hours)**
- 1030 - Sunday Worship Service - Briefing Room (Hollywood Hayden)
- 1200 - Advanced Known Pilots and Volunteers briefing, Briefing Room
- 1300 - 1700, Advanced Known Program Flights (4 hours)**
- 1500 - Sunday worship service – (Hollywood Hayden)
- 1600 - Unlimited Known Pilots and Volunteers briefing, Briefing Room
- 1700 - 1900, Unlimited Known Program Flights (2 hours)**
- 1930 - Welcome Dinner and Reception, Schilling Aviation Services Hosts: SAS, AVFlight, and Salina Chamber of Commerce 2010 Rogers Ct, Salina, KS 67401

**Monday, September 23**

- 0700 – Primary/Sportsman Free Pilots and Volunteers briefing, Briefing Room
- 0800 – 1300, Primary/Sportsman Free Program Flights**
- 1100 – Advanced Free Pilots and Volunteers briefing, Briefing Room
- 1300 – 1700, Advanced Free Program Flights**
- 1730 – Unlimited Free Unknown 1 Figure Submission Meeting, Briefing Room
- 1830 – Deadline for Advanced Free Unknown 1 Sequence Submission to Jury
- 1930 – KVG Dinner, Johnny Rotten's Burger Bar and Wienery, 117 Santa Fe Ave., Salina, KS

**Tuesday, September 24**

- 0700 – Intermediate Free Pilots and Volunteers briefing, Briefing Room
- 0800 – 1130, Intermediate Free Program Flights**
- 0900 – Deadline for Unlimited Free Unknown 1 Sequence Submission to Jury
- 0930 – Unlimited Free Pilots and Volunteers briefing, Briefing Room
- 1000 – Advanced Free Unknown 1 Sequences approved by jury and posted
- 1130 – 1330, Unlimited Free Program Flights**
- 1130 – Primary/Sportsman Free Pilots and Volunteers briefing, Briefing Room
- 1300 – Deadline for Advanced Pilots to notify Registrar of Free Unknown 1 Sequence Selection
- 1300 – Unlimited Free Unknown 1 Sequences approved by jury and posted
- 1330 – 1830, Primary/Sportsman Free Program Flights**
- 1600 – Deadline for Unlimited Pilots to notify Registrar of Free Unknown 1 Sequence Selection

**Wednesday, September 25**

- 0700 - Intermediate Free Pilots and Volunteers briefing, Briefing Room
- 0800 - 1130 – Intermediate Free Program Flights**
- 1100 - Advanced Free Unknown 1 Pilots and Volunteers briefing, Briefing Room
- 1200 - 1600, Advanced Free Unknown 1 Program Flights**
- 1500 -Unlimited Free Unknown 1 Pilots and Volunteers briefing, Briefing Room
- 1600 - 1800, Unlimited Free Unknown 1 Program Flights**



1830 - Advanced Free Unknown 2 Figure Submission Meeting, Briefing Room

**Thursday, September 26**

**\*\*\* (An optional fourth flight may be flown by Primary/Sportsman if time not needed for contingencies.)**

0900 - Deadline for Advanced Free Unknown 2 Sequence Submission to Jury

1300 - Advanced Free Unknown 2 Sequences approved by jury and posted

1600 - Deadline for Advanced Pilots to notify Registrar of Free Unknown 2 Sequence Selection

1930 - Flight Awards Dinner and auction, Martinelli's 158 S Santa Fe Ave, Salina, KS 67401

**Friday, September 27**

0700 - Advanced Free Unknown 2 Pilots and Volunteers briefing

**0800 - 1200, Advanced Free Unknown 2 Program Flights**

1400 - 4-Minute Free Pilots and Volunteers Briefing

**1500 - 1700, 4-Minute Free Program Flights**

1700 - Cleanup begins

1730 - Advanced World Team Photo Shoot

1745 - Photo Shoot, All Pilots & Volunteers, Bleachers

1930 - Nationals Award Ceremonies & Banquet, Rolling Hills Zoo Conference Center  
625 N Hedville Rd, Salina, KS 67401

**4. Regulations**

**4.1 General**

The U.S. National Aerobatic Championships will be organized in accordance with the following:

- IAC Policy & Procedures Section 501 – IAC Championships – Rev 27 – 6 Jun 2018
- IAC Policy & Procedures Section 503 – US National Aerobatic Championships – Rev 37 – 10 Jun 2018
- IAC Policy & Procedures Section 504 – Selection of U.S. Aerobatic Teams – Rev 31 – 9 Apr 2018
- IAC Policy & Procedures Section 506 – Contest Juries at IAC Championships – Rev 27 – 9 Apr 2018
- Aresti Catalogue (condensed) for Power & Glider Aerobatics ([www.arestisystem.com](http://www.arestisystem.com))
- Federal Aviation Regulations (FAR)

The *IAC Policy & Procedures Manual* (P&P) can be found at <https://www.iac.org/policy-and-procedure-manual>. Member log-in required.



The *IAC Official Contest Rules* are available free of charge to IAC members and can be downloaded at <https://www.iac.org/download-contest-rules>. Member log-in required.

## 5. Competitors, Aircraft and Fuel

### 5.1. Competitors

#### 5.1.1. All Competitors must:

- a) Be current members of the IAC; or hold a valid FAI Sporting License issued outside the USA.
- b) Must possess a minimum of a Sport Pilot certificate if flying a qualifying Light-Sport aircraft (LSA), or at least a Recreational Pilot certificate with rating appropriate for the class of aircraft to be flown (power or glider) if flying an aircraft other than a LSA. However, a pilot with a Sport Pilot certificate may fly a non-LSA aircraft in Primary or Sportsman, if accompanied by a Safety Pilot (See 2.2 of the IAC Rulebook) who holds the appropriate certificates and endorsements for the aircraft in question.
- c) All competitors, regardless of pilot certificate held, must either be in compliance with the FAA rules for medical certification that are in effect at the time of the competition, or hold a current medical certificate appropriate to the pilot's license from another country or the appropriate form issued by any branch of the U.S. Armed Forces. The appropriate proof of medical certification must be shown to contest officials on request.

All such documents shall be presented upon registration for the contest.

#### 5.1.2. 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.

### 5.2. Aircraft

#### 5.2.1. Each participating aircraft must have a valid Certificate of Airworthiness or Permit to fly, valid for aerobatic flight, in accordance with FAA regulations.

#### 5.2.2. Each aircraft must have a Certificate of Insurance against Third Party Legal Liability (equivalent to one million USD); this certificate must cover the aircraft for use in aerobatic competition.

### 5.3. Fuel

#### 5.3.1. Fuel is not included with the entry fee. The IAC has negotiated a \$0.80/gallon discount with AvFlight. <https://www.avflight.com/Network/KSLN>

5.3.2. All competitors wishing to purchase fuel must fill out a Registration Form with AvFlight. This form may be downloaded from the contest website.

## 6. Banquet and Entry Fees – Power and Glider

Sportsman through Unlimited Categories	\$460
Primary	\$260
Collegiate	\$235
Active Duty Military	\$310
4 Minute Free	\$100
Banquet	\$50

Entry fees include video-taped competition flights. Hangar fee for the week is \$100/aircraft.

Entry fee Deadline – **September 17, 2018**. Late fee after September 18<sup>th</sup> is 10% for all categories.

Friday Night Banquet Tickets - Salina Rolling Hills Zoo \$50

## 7. Accommodation and Transportation

### 7.1. Hotels

The following hotels have arranged special rates with IAC for the contest. To get the IAC rate, you must make reservations by phone and mention the **bolded block or guaranteed rate** below. Place your reservation by **September 1**. The special rate is not available if you make your reservation via the web. If you use points or special business rates, we do not receive credit for these rooms.

#### 7.1.1. Holiday Inn

3145 S 9th St, Salina, KS 67401

Phone (785) 404-6767

\$99/night w/o tax.

Breakfast voucher included for \$5 - cook to order meal

Directions: <https://goo.gl/maps/ZPcQCvQPkp72>



#### 7.1.2 Comfort Suites

715 W Schilling Road, Salina, KS 67401

Phone: 9(785) 404-6944

\$99/night w/o tax.

Complimentary Continental Breakfast

Directions: <https://goo.gl/maps/Ta9zS294zUo>



**7.1.3 Hampton Inn**

401 W Schilling Rd, Salina, KS 67401  
Phone: (785) 823-9800  
\$104/night w/o tax  
Complimentary Continental Breakfast  
Directions: <https://goo.gl/maps/kFWJs8SKHR42>



**7.1.4 Fairfield Inn & Suites**

2455 Virginia Dr, Salina, KS 67401  
Phone: (785) 515-5333  
\$105/night w/o tax  
Complimentary Continental Breakfast  
Directions: <https://goo.gl/maps/ThBTGcgNEXQ2>



**7.2 RV Parking/Camping - behind Hangar 606**

Salina Regional Airport  
3237 Arnold Ave, Salina, KS 67401  
Directions: <https://goo.gl/maps/utHV1XCpdpQ2>  
No services available.



**7.3. On Site Food & Beverage**

Contest organizers have arranged to have a food truck at Hangar 606 provided by Dry Creek Buffalo Ranch each day from 10am - 2pm, Sat., September 21 through Friday, September 27.

**7.4. Transportation**

Long McArthur Ford – is the official car rental Company for the U.S. National Aerobatic Championships. Contact Michelle Hawk at 785-404-2857. Vehicles must be reserved directly with Michelle and she will have your car at Hangar 606. See the IAC Website for more information. <https://www.iac.org/nationals-2019-car-rental>



**RENTAL DEPARTMENT**

3450 S. 9TH SALINA, KS 67401  
785-823-2237 • 1-800-874-6316  
[RENTACAR@LONGMCARTHUR.COM](mailto:RENTACAR@LONGMCARTHUR.COM)

**REQUIREMENTS FOR  
RENTING A VEHICLE**

- THE DRIVER MUST BE AT LEAST 25 YEARS OF AGE
- THE DRIVER MUST CARRY A MAJOR CREDIT CARD
- THE DRIVER MUST HAVE FULL COVERAGE INSURANCE

We are on a FAA controlled airport with commercial traffic so ramp access is tightly controlled. No vehicles are allowed through the gates to the activity side of the airport (ramp, apron, anywhere) without a gate card. Pilots can obtain a gate card for their vehicle by taking the video test in the terminal/completing Air Operations Area (AOA) training. Mr. Kenny Bieker of the Salina Airport will have sessions on Wednesday (Sept.



18 ) and Friday Sept 20 at 4 PM. See 3.0 Schedule on page six. We will have vans available to help shuttle people on arrival to the fence line to help unload their airplanes as well.

## **8. Logistics**

The following buildings will be used for events and activities during the championships:

- Hangar 606 - General Headquarters and Registration
- Hangar 606 - Aircraft parking – Powered Aircraft
- Hangar 600 - Aircraft parking for gliders, tow planes, & support aircraft
- Hangar 606 - Flight line activities
- Hangar 606 - Opening All Pilot Briefing
- Hangar 606 - Press Headquarters & Registration and Scoring Offices
- Hangar 606 - Daily briefings: 2<sup>nd</sup> Floor – North End
- Various Local Venues - See Schedule 3.0 on pages 5,6, & 7 for evening activities

## **9. Entry Form**

All competitors, volunteers, and family members must register online. The online registration system is open but closes September 17, 2019. Go to [www.iac.org](http://www.iac.org).



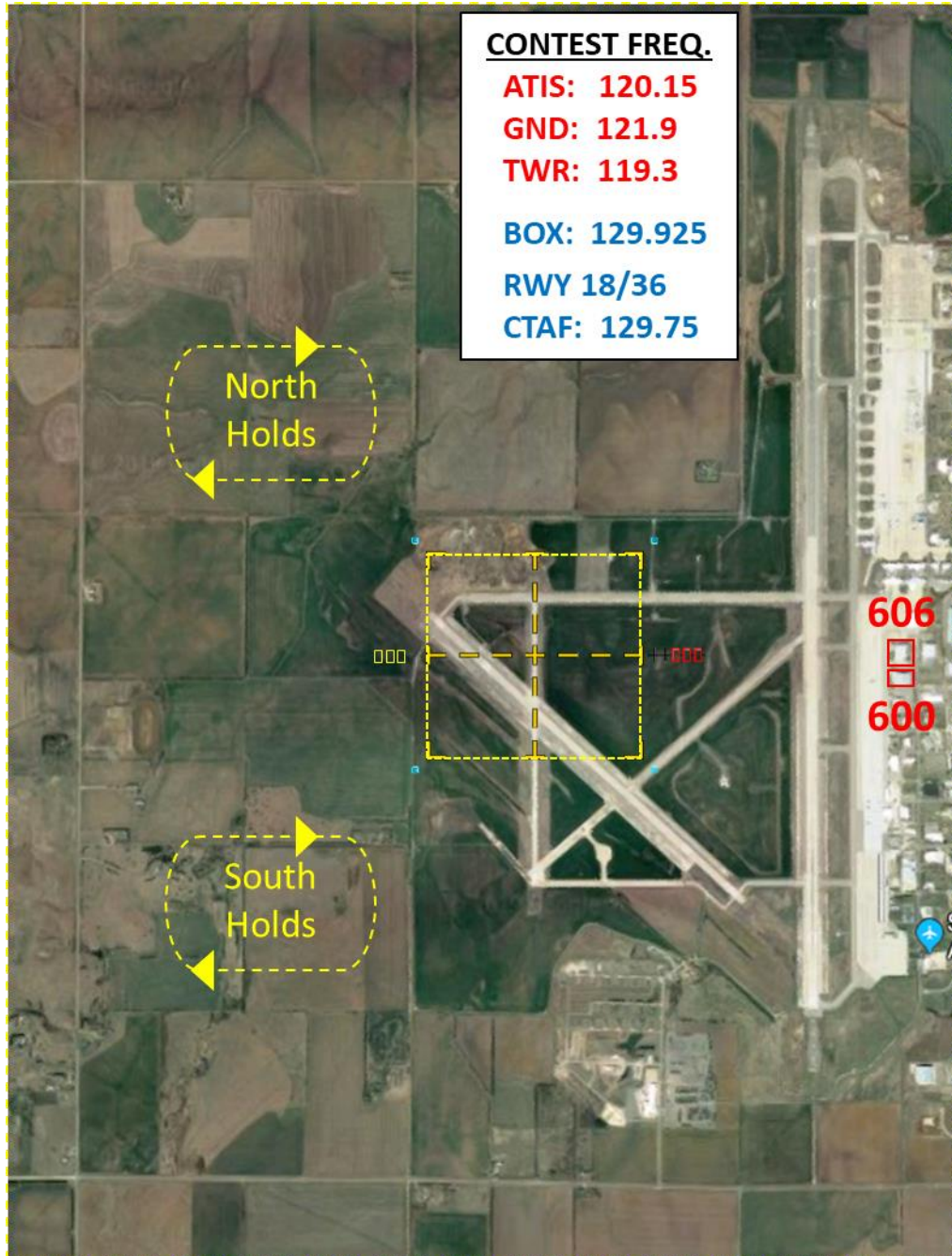
## 10. CONTACT LIST

Name	Title	Cell Phone	E-Mail
Ron Schreck	Contest Director	(704) 798-5307	<a href="mailto:ronschreck@gmail.com">ronschreck@gmail.com</a>
Duncan Koerbel	Assistant CD	(720) 250-8442	<a href="mailto:duncindencer@gmail.com">duncindencer@gmail.com</a>
Mike Heuer	Jury Chairman	(901) 230-9006	<a href="mailto:mike@mheuer.com">mike@mheuer.com</a>
Liza Weaver	Registrar	(352) 653-9834	<a href="mailto:liza-weaver@comcast.net">liza-weaver@comcast.net</a>
Alice Johnson	Volunteer Coordinator	(615) 579-0698	<a href="mailto:aljohnson487@gmail.com">aljohnson487@gmail.com</a>
Monique Hartmann	Communications Director	(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>
Jeffrey F Granger MD	Medical Director	574-721-4340	<a href="mailto:jgranger230@gmail.com">jgranger230@gmail.com</a>
Gary DeBaun	Starter	(612) 810-6783	<a href="mailto:b747inst@aol.com">b747inst@aol.com</a>
John Ostmeyer	Chief Tech Monitor	(913) 481 8504	<a href="mailto:johnmostmeyer@hotmail.com">johnmostmeyer@hotmail.com</a>
Teri Branstitre	Scoring Director	(503) 407-2543	<a href="mailto:teri@nwinsurance.net">teri@nwinsurance.net</a>
Forrest Fox Productions	Videographer	763-443-2428	<a href="mailto:f2p@comcast.net">f2p@comcast.net</a>
Mark Matticola	Glider Ops Planning	(719) 440-1965	<a href="mailto:mmatticola@comcast.net">mmatticola@comcast.net</a>
Lynn Bowes	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>
John Willkomm	Boundary Coordinator	(262) 358-3969	<a href="mailto:pjacro@att.net">pjacro@att.net</a>
Jim Branstitre	Transportation Coordinator	(503) 407-2542	<a href="mailto:jbranstitre@alliancepackaging.net">jbranstitre@alliancepackaging.net</a>
Robert Armstrong	IAC President	(214) 912-9241	<a href="mailto:president@iac.org">president@iac.org</a>
Lorrie Penner	IAC Executive Director	(920) 479-0597	<a href="mailto:execdir@iac.org">execdir@iac.org</a>
Lorrie Penner	IAC Editor & Photographer	(920) 479-0597	<a href="mailto:editor@iac.org">editor@iac.org</a>
Wes Liu	Judges Coordinator	(603) 673-6538	<a href="mailto:weston.liu@charter.net">weston.liu@charter.net</a>
Mark Matticola	Primary/Sportsman	(719) 440-1965	<a href="mailto:mmatticola@comcast.net">mmatticola@comcast.net</a>
Peggy Riedinger	Intermediate Chief Judge	(206) 783-5141	<a href="mailto:peg-riedinger@live.com">peg-riedinger@live.com</a>
Bob Meyers	Advanced Chief Judge	(661) 917-7984	<a href="mailto:rmeyer0844@aol.com">rmeyer0844@aol.com</a>
Hector Rameriz	Unlimited Chief Judge	(256) 651-1648	<a href="mailto:heclau@aol.com">heclau@aol.com</a>
Hector Rameriz	4 Minute Free – Chief Judge	(256) 651-1648	<a href="mailto:heclau@aol.com">heclau@aol.com</a>

**11. BOX PROCEDURES**

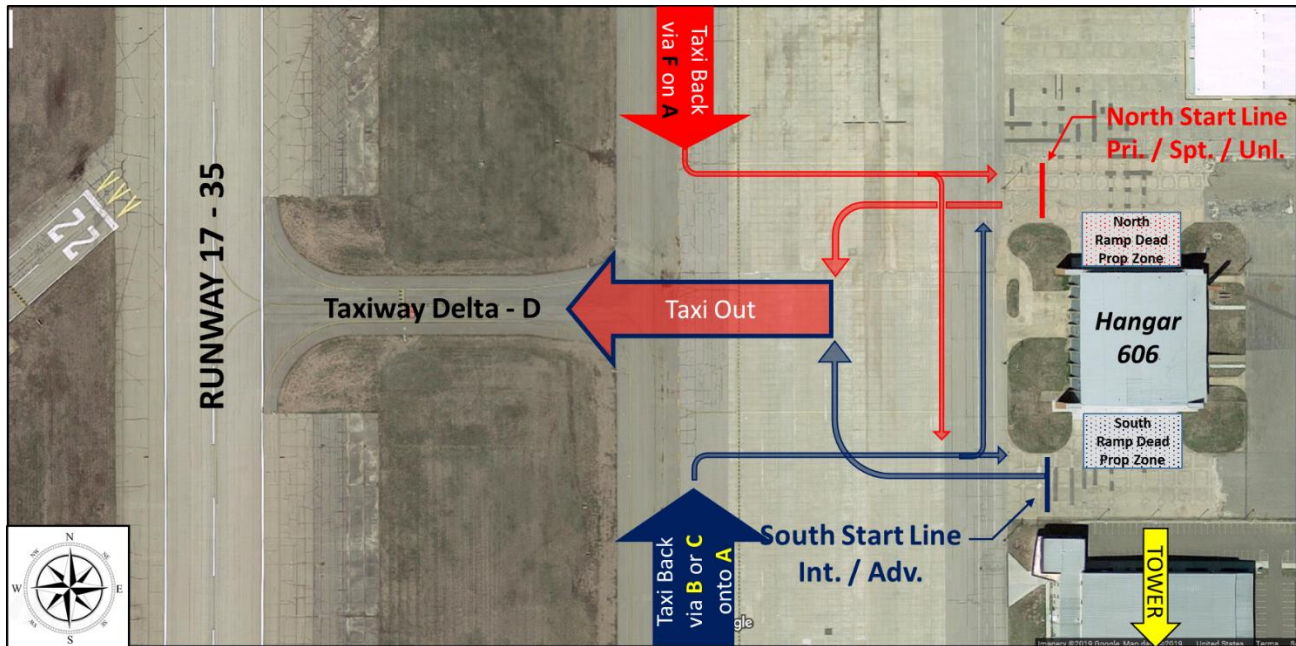
**11.1 Field Overview – North and South Runway Operations**

All hold areas will be at/above 3,000 ft. AGL. You will be directed to the appropriate hold or tow plane/glider climb area after departure. We will stagger primary and secondary holds by 500 ft. The initial hold for power (secondary hold) will be at 3,000 ft. AGL. The final hold (primary hold) will be at 3,500 AGL for power. Operations specific to glider procedures for holding will be briefed at the contest. Glider holds will be at 4,000 ft. AGL and 4,500 ft. AGL, respectively.



### 11.2 Ramp

General Overview and zoomed in view of ramp.



### 11.3 Ramp Operations & Departure

Hangar 606 has doors on both the North and South end of the facility. We will group categories on each end of the hangars to allow starter to focus on one side or the other. The below distribution splits the aircraft ~50-50. See diagram following page.

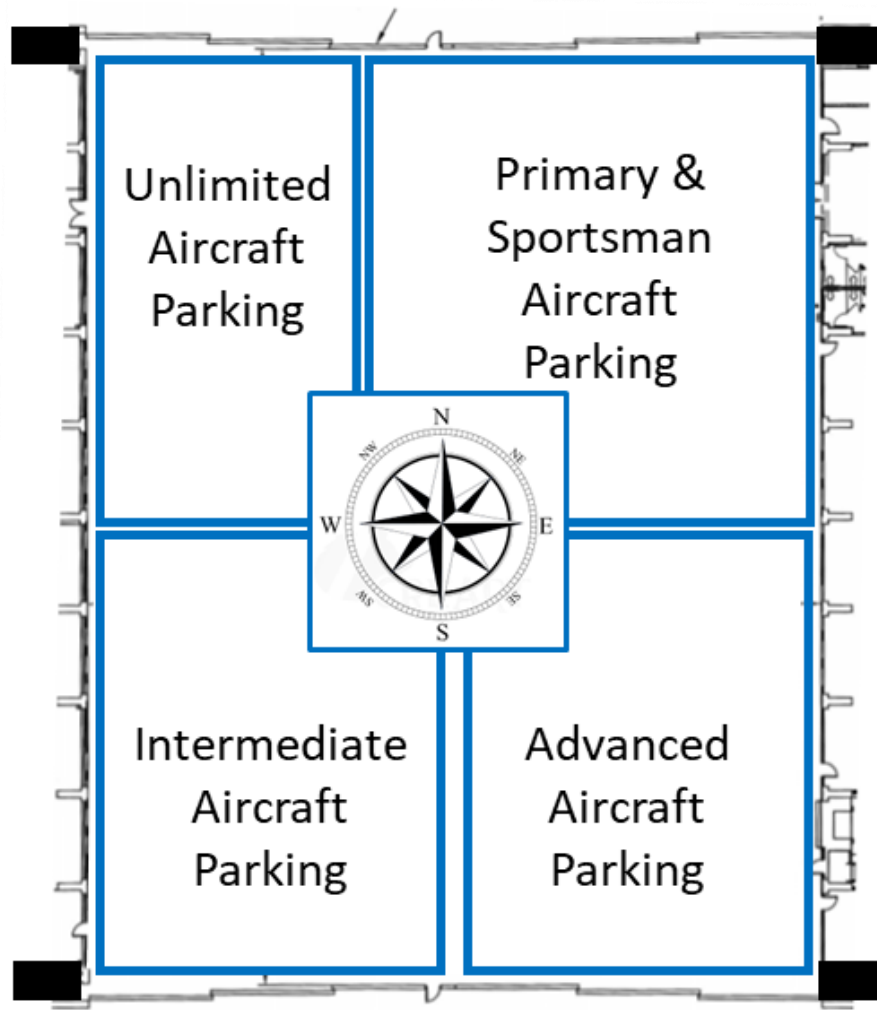
- North Ramp – Primary, Sportsman, Unlimited
- South Ramp – Intermediated & Advanced

Once cleared to start/started, contact Salina ground and advise you have ATIS information A-Z. Expect intersection departure on runway 17 – 35 from Taxiway D. Runway 17-35 is 12,301 ft. in length.

Upon departure from runway 17-35 or 18-36 expect to fly runway heading until you are cleared to turn west towards the appropriate hold area or climb area. You will be instructed to change to box frequency. Monitor box frequency, but do not check in, pilots are on this frequency flying in the box. You will be contacted as required. Glider operations will be briefed in detail at the event. We plan to use runway 18-36 for a majority of glider and tow plane operations.

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

Upon sequence completion, exit the box to the north or south, climb or descend to 1000' AGL on downwind for runway 17 or 35 and contact Salina Tower. Tower will advise base turn and landing instructions. Be cognizant of landing and departing aircraft and aircraft in transit to and from the holds. Plan on exiting runway 17 at taxiway **Foxtrot** or exit runway 35 at taxiway **Bravo** or **Charlie** or as assigned. Park on the requisite side of the hangar. See diagram below. Obey Dead Prop Zones.



Hangar 606 Parking Concept



## 12. Internet Communications & Social Media

In the weeks prior to the Nationals, news items are published on various media sites including [www.iac.org](http://www.iac.org), Facebook, Twitter, *Sport Aerobatics*, and IAC's *In the Loop* e-newsletter. Facebook posts link direct to Twitter so all posts on the Nationals and/or IAC Facebook pages are also tweeted out to subscribers.

While the Nationals is in progress, the Communications Director will post updates and news items throughout the day with these tweeted as well. This will be the primary method of communication with participants as well as updates posted at Hangar 606.



### 12.1 IAC Website, YouTube channel, Facebook and Twitter

Like us on Facebook or join the conversation on Twitter. See aerobatic video on YouTube.

Facebook: @EAAIAC

Twitter: @iachq

YouTube: <https://www.youtube.com/user/EAAIAC>

### U.S. National Aerobatic Championships

Website: <https://www.iac.org/us-national-aerobatic-championships-2018>

Facebook: <https://www.facebook.com/USNationalAerobaticChampionships/> (link is external)

Twitter: @USNAcro

### 12.2 Twitter Text Updates for 2019 U.S. National Aerobatic Championships

We will be continuing to use Twitter as the main form of communications for all on-site operations at the US Nationals in Salina, KS. We ask that you sign up to receive the updates ahead of the contest start, as we will begin posting information through Twitter as the contest approaches. As in past years you do NOT need a Twitter account to receive the updates from Twitter via a text to your cell phone. Please follow instructions below to make sure you will receive the texts.

*\*If you already have a Twitter account, just select "follow" on the US Nationals Twitter page, @USNAcro, then change your notifications to "receive notifications.\**

#### How to sign up for Twitter updates from your cell phone

Step 1: Send text to this number: 40404

Step 2: Follow @USNAcro

If you set this up at last year's Nationals and have been receiving texts since then you technically should receive the texts for this year. However, we are asking that you do this process to ensure you are in fact signed up to receive the texts.

This does not set up a Twitter account for you. This ONLY allows the U.S. National Aerobatic Championships Twitter Page to send you a text with news/updates that are



posted on that page. We urge everyone to sign up for these text messages as this ensures you will see all updates/changes pertaining to the contest. The sooner you do this set up process, the sooner you will be up-to- date on news/changes/scheduling for the Championships.

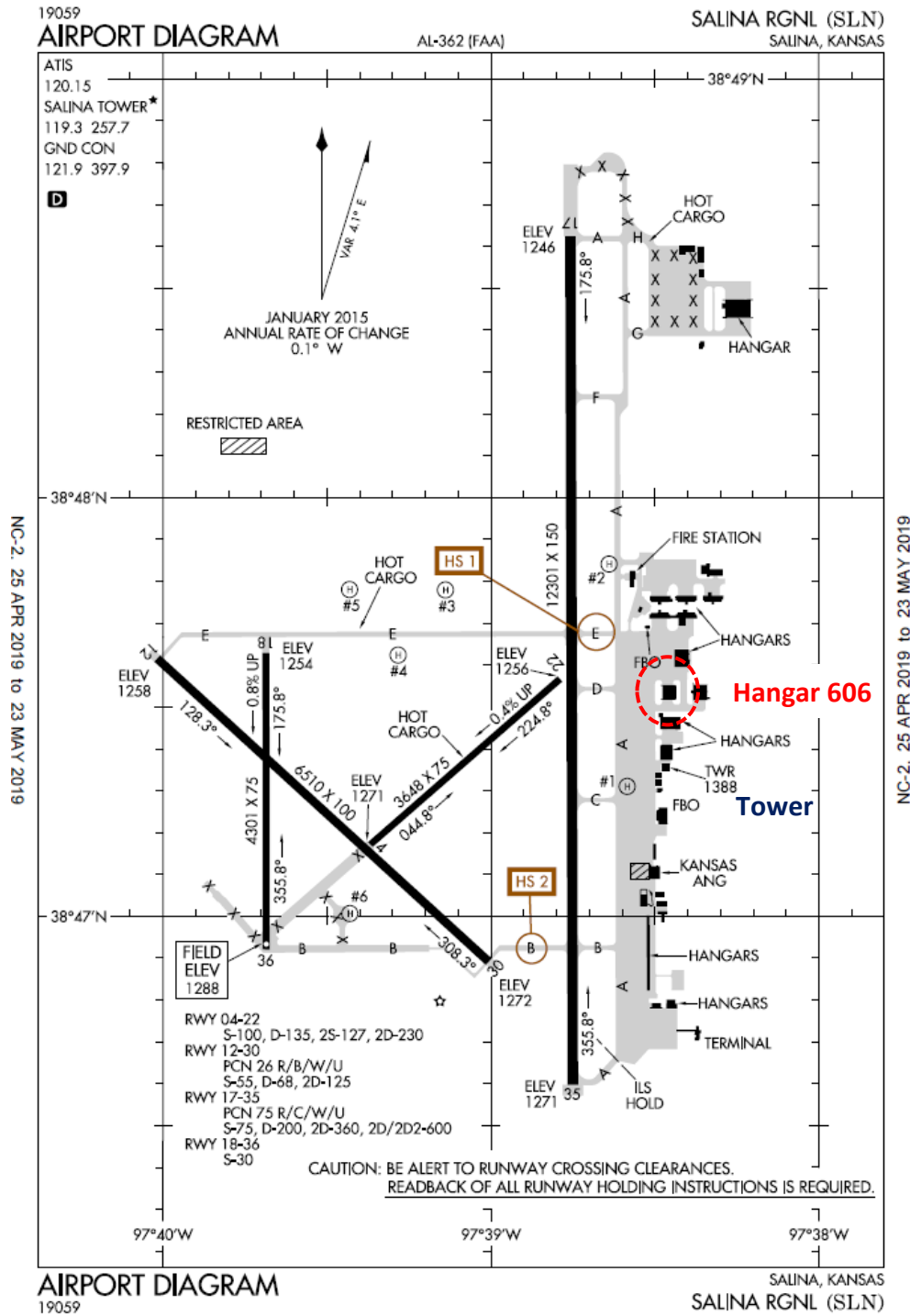
We urge everyone to sign up for these text messages, this will be extremely useful to get all updates/changes to you pertaining to the contest. The sooner you do this set up process, the sooner you will be up to date on news/changes/scheduling for the Championships.

For assistance please email Monique Hartmann, [mrsoilcan@gmail.com](mailto:mrsoilcan@gmail.com)

### **12.3 Internet**

Hangar 606 is equipped with WiFi. We will provide the Wifi network ID and required password to the contestants as part of the kickoff briefing.

13. Airport Diagram



**Note:** Hangar 606 will serve as Contest Headquarters. Pilots should taxi into hangar ramp area upon arrival via Alpha.



**14. Arriving at Salina Regional Airport**

- 14.1 Arriving by plane. Primary, Sportsman and Unlimited pilots taxi to the North side of Hangar 606 and shut down. Advanced and Intermediate pilots taxi to the South side of Hangar 606 and shut down. No spinning props or coasting within 20 feet of the hangar door entrances! See Also, 11.2.
  
- 14.2 If arriving via car, exit interstate I-135 on West Shilling Road, exit 89. Go west for 1.25 miles. Turn right on Arnold Avenue. Drive North on Arnold Avenue for 0.4 miles. Arnold Avenue will turn to the right at that point. Turn left at the middle of that right turn and continue north for 0.2 miles to the parking lot on the east side of Hangar 606. Park car and find a contest official.
  
- 14.3 Rental cars from Long/McArthur Ford will be pre-positioned in the parking lot on the East side of hangar 606. Private and rental vehicles will not be permitted on the flight line! Baggage may be transferred from you airplane via the loading dock at the SE side of hangar 606.

**15. Scoring at Nationals**

Scores at the U.S.A. National Aerobatic Championships will be calculated using JaSPer scoring software, the same system used at all regional IAC contests. The contest organizers will make sure that the judges scoring performance and parameters linked to ACRO (previous scoring software) will get feed into the system to give proper international/CIVA credit. JaSPer does not include fair play nor Perception Zeros (see below.)

On the judging line, the judges will be using the nomenclature accepted by JaSPer, and hence there will be the familiar Numeric (0.0) and Hard Zeros (HZ). You may see a (PZ) or Perception Zero on your native Form A in addition to a HZ. This is for judge's subjective perception, rather than a demonstrable fact; they are used to denote the lack of autorotation in a spin or snap; snap rolls in a rolling turn; and no sliding in a tail slide. The PZ is used CIVA and ACRO judging ranking system.

To further assist our judges who seek CIVA ranking, each pilot's Free Program will require an additional number called the Super Family (SF) number. This SF number must be input for each figure such that the statistical analysis is comparing "apples with apples" across all pilots and how they are judged. The SF number is automatically generated by the sequence generating software used, OpenAero or Aresti-Visio. All the pilot must do is to tell the software of their choice to print the SF number on the Form A. Free Programs without the SF numbers will not be accepted at Registration.

## 16. IAC Forms to Bring

Please bring **10 Forms A** and **14 each of your B and C Forms** of your Free Program to Registration.

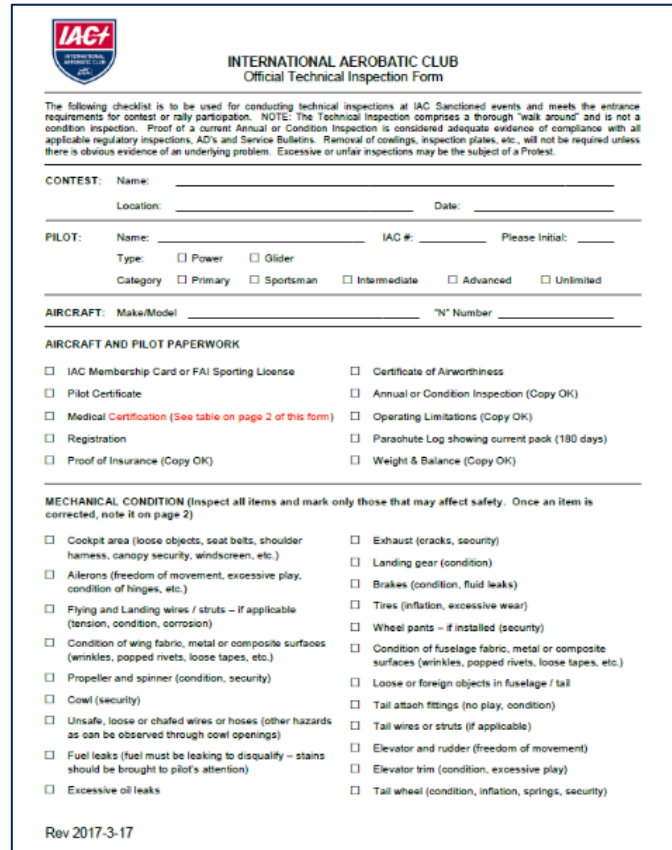
Think about filling out your tech inspection form ahead of time as well to double check you bring everything you need to the contest. It is available on the IAC website:

<https://www.iac.org/sites/www.iac.org/files/Technical%20Inspection%20Form%203-17.pdf>

## 17. Important Documents

Because the U.S. National is governed by the *IAC Official Contest Rules* as well as the *IAC Policy & Procedures* manual, we urge participants to read the documents posted on our website:

<https://www.iac.org/nationals-2019-special-rules-and-procedures>



**INTERNATIONAL AEROBATIC CLUB**  
Official Technical Inspection Form

The following checklist is to be used for conducting technical inspections at IAC Sanctioned events and meets the entrance requirements for contest or rally participation. NOTE: The Technical Inspection comprises a thorough "walk around" and is not a condition inspection. Proof of a current Annual or Condition Inspection is considered adequate evidence of compliance with all applicable regulatory inspections, AD's and Service Bulletins. Removal of coverings, inspection plates, etc., will not be required unless there is obvious evidence of an underlying problem. Excessive or unfair inspections may be the subject of a Protest.

CONTEST: Name: \_\_\_\_\_  
Location: \_\_\_\_\_ Date: \_\_\_\_\_

PILOT: Name: \_\_\_\_\_ IAC #: \_\_\_\_\_ Please Initial: \_\_\_\_\_  
Type:  Power  Glider  
Category:  Primary  Sportsman  Intermediate  Advanced  Unlimited

AIRCRAFT: Make/Model: \_\_\_\_\_ "N" Number: \_\_\_\_\_

**AIRCRAFT AND PILOT PAPERWORK**

<input type="checkbox"/> IAC Membership Card or FAI Sporting License	<input type="checkbox"/> Certificate of Airworthiness
<input type="checkbox"/> Pilot Certificate	<input type="checkbox"/> Annual or Condition Inspection (Copy OK)
<input type="checkbox"/> Medical Certification (See table on page 2 of this form)	<input type="checkbox"/> Operating Limitations (Copy OK)
<input type="checkbox"/> Registration	<input type="checkbox"/> Parachute Log showing current pack (180 days)
<input type="checkbox"/> Proof of Insurance (Copy OK)	<input type="checkbox"/> Weight & Balance (Copy OK)

**MECHANICAL CONDITION** (Inspect all items and mark only those that may affect safety. Once an item is corrected, note it on page 2)

<input type="checkbox"/> Cockpit area (loose objects, seat belts, shoulder harness, canopy security, windscreen, etc.)	<input type="checkbox"/> Exhaust (cracks, security)
<input type="checkbox"/> Ailerons (freedom of movement, excessive play, condition of hinges, etc.)	<input type="checkbox"/> Landing gear (condition)
<input type="checkbox"/> Flying and Landing wires / struts – if applicable (tension, condition, corrosion)	<input type="checkbox"/> Brakes (condition, fluid leaks)
<input type="checkbox"/> Condition of wing fabric, metal or composite surfaces (wrinkles, popped rivets, loose tapes, etc.)	<input type="checkbox"/> Tires (inflation, excessive wear)
<input type="checkbox"/> Propeller and spinner (condition, security)	<input type="checkbox"/> Wheel pants – if installed (security)
<input type="checkbox"/> Cowl (security)	<input type="checkbox"/> Condition of fuselage fabric, metal or composite surfaces (wrinkles, popped rivets, loose tapes, etc.)
<input type="checkbox"/> Unsafe, loose or chafed wires or hoses (other hazards as can be observed through cowl openings)	<input type="checkbox"/> Loose or foreign objects in fuselage / tail
<input type="checkbox"/> Fuel leaks (fuel must be leaking to disqualify – stains should be brought to pilot's attention)	<input type="checkbox"/> Tail attach fittings (no play, condition)
<input type="checkbox"/> Excessive oil leaks	<input type="checkbox"/> Tail wires or struts (if applicable)
	<input type="checkbox"/> Elevator and rudder (freedom of movement)
	<input type="checkbox"/> Elevator trim (condition, excessive play)
	<input type="checkbox"/> Tail wheel (condition, inflation, springs, security)

Rev 2017-3-17

Go to the "Attachments" at the bottom of the web page and several files are there for your information. These are Nationals-specific and deal with issues such as the Free Unknowns which are unique to the Nationals.

Note that only the Advanced and Unlimited Power categories will fly Free Unknowns. Intermediate Power and Glider categories will fly "canned" Unknowns provided by IAC.

### 17.1 Miscellaneous

Pilots are encouraged to bring your own wheel chocks. 'Normal' ramp chocks are often too big to fit under wheel pants and we will exhaust the supply that is typically available given the size of our contest.

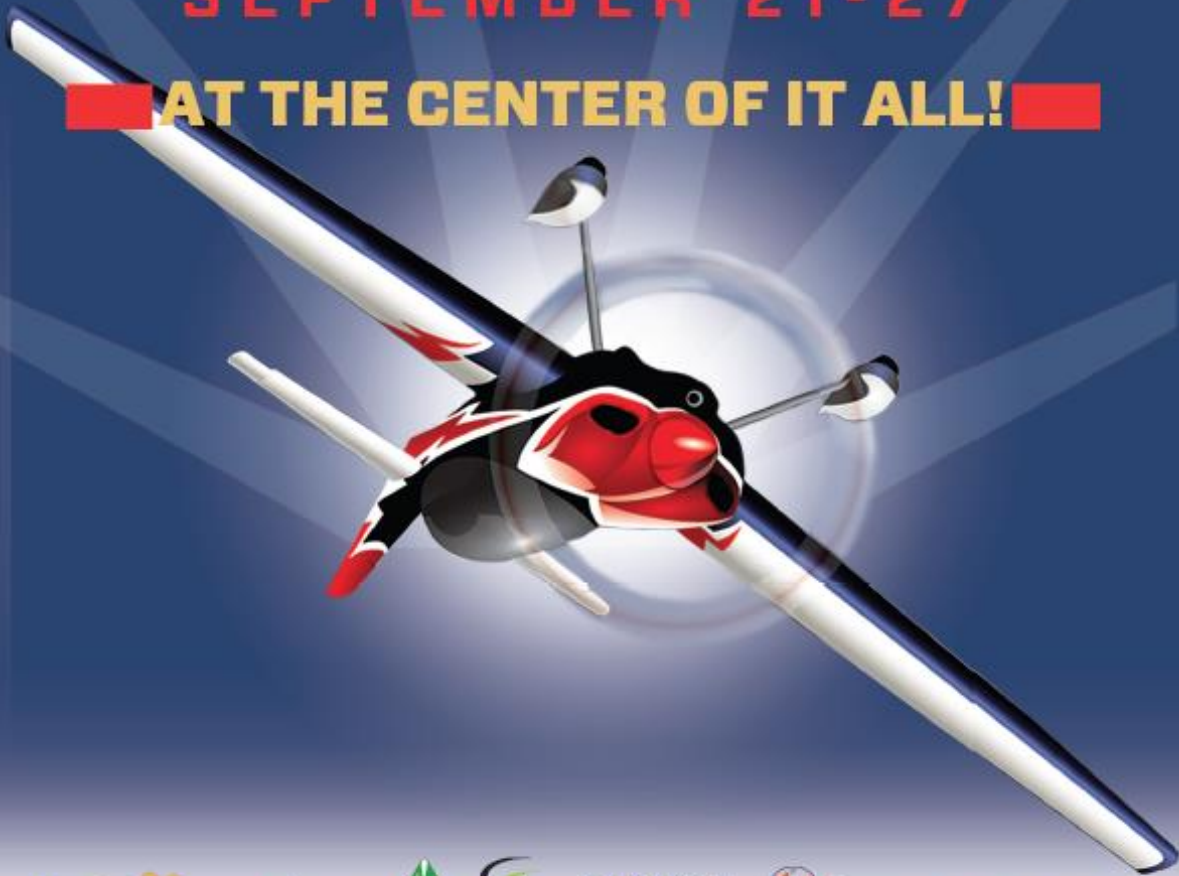
Contest organizers would also appreciate it you would bring a spare handheld radio for use during the contest. PLEASE put your name on the back of the radio and a charger.

**SALINA  KANSAS**

**90 U.S. NATIONAL  
AEROBATIC  
CHAMPIONSHIPS**

**SEPTEMBER 21-27**

**AT THE CENTER OF IT ALL!**





## Annex 1 – Arrival, Departure, & Holding Summary

### **Departure:**

Contact ATIS: **120.15**

Contact Ground: **121.9** “*Salina Ground, Call Sign, Hangar 606 with ATIS ##, Taxi for departure to aerobatic box.*”

Expect to taxi to runway 17 or 35 via taxiway Delta.

Contact Tower: **119.3** “*Salina Tower, Call Sign, ready for departure at Delta.*” Depart straight ahead until cleared by tower to turn west and change to box frequency **129.925**.

Tow planes departing runway 18/35, announce departure on CTAF frequency **129.75**. Remain below 500 ft. AGL in vicinity of the aerobatic box. Turn west when clear of aerobatic box.

### **Holding:**

Monitor box frequency (**129.925**) and climb in holding to 3000-3500 ft. AGL. Hold NW or SW as briefed until cleared into the aerobatic box.

Tow planes w/glider: Climb west to 4000 ft. AGL before entering holding. Switch to box frequency when established in Primary Hold.

### **Arrival:**

Depart box to south for runway 35, north for runway 17. Descend or climb to 1000 ft. AGL and contact tower: **119.3** “*Salina Tower, call sign, exiting aerobatic box, downwind for runway 17 (or 35).*” Turn base as directed by Tower.

Gliders or tow planes landing on runway 18/36 depart box or holding to west, switch to CTAF **129.75** and maneuver to west downwind for runway 18 or 36. Remain below 500 ft. AGL in vicinity of the aerobatic box.

Landing on runway 17 expect to turn off on taxiway F and contact ground, **121.9**. Landing on runway 35 expect to turn off on taxiway B or C and contact ground.

Gliders landing on runway 17/35 should request turn off on taxiway D.

### **Parking:**

Gliders and tow planes park in Hangar 600

Unlimited, Primary and Sportsman Power – park in Hangar 606, north side of hangar

Intermediate and Advanced Power – park in Hangar 606, south side of hangar

See Figure 11.4 – Page 16

