



U.S. National Aerobatic Championships

Salina Regional Airport (KSLN)

September 21-27, 2019

Salina, Kansas

USA



Bulletin No. 3

15 September 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
Version 3 – 15 Sept. 2019	3.0	Unlimited Figures availed moved from 1300 to 1430 on Tuesday, September 24	7
	8.0	Logistics – Tow planes and gliders moved to Hangar 703 east of FBO. Was hangar 600.	12
	12.2	Updates for 2019 U.S. National Aerobatic Championships is updated to switch from Twitter to a new SMS app.	17
	15.0	Clarified PZ for the Unlimited Category	20
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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	AM Start Up	Intermediate	Primary	Intermediate	Intermediate	Wx / Contingency	Advanced 4 th Flight
All Pilot Brief	All Pilot Brief	Advanced	Sportsman	Unlimited	Advanced	Wx / Contingency	Four Minute Free
Primary	Primary	Unlimited	Advanced	Primary	Unlimited	Wx / Contingency	Wrap Up
Sportsman	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
- 1330 – 1830, Primary/Sportsman Free Program Flights**
- 1430 – Unlimited Free Unknown 1 Sequences approved by jury and posted
- 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)
- 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 18th 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

**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 700 - 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: 2nd 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.



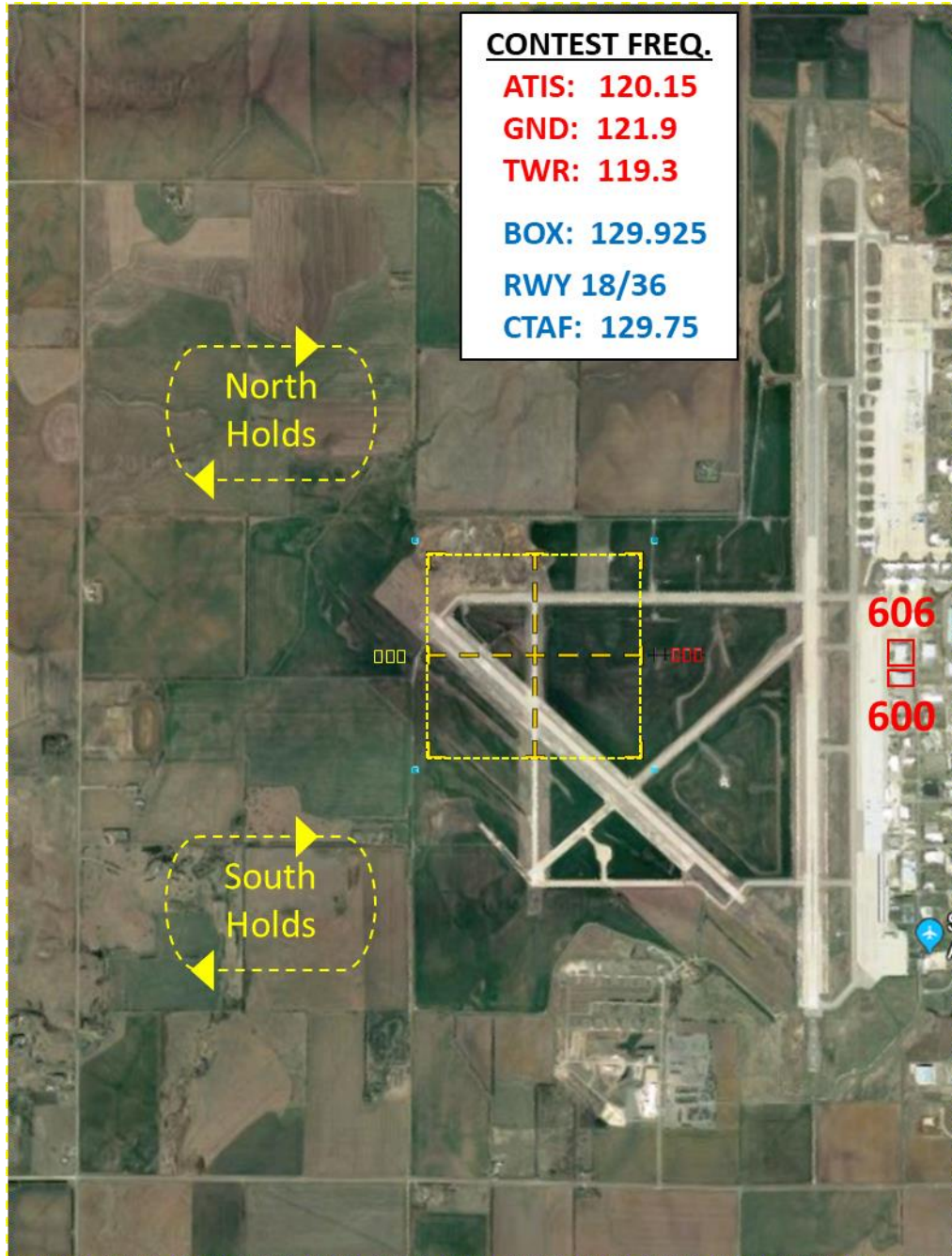
10. CONTACT LIST

Name	Title	Cell Phone	E-Mail
Ron Schreck	Contest Director	(704) 798-5307	ronschreck@gmail.com
Duncan Koerbel	Assistant CD	(720) 250-8442	duncindencer@gmail.com
Mike Heuer	Jury Chairman	(901) 230-9006	mike@mheuer.com
Liza Weaver	Registrar	(352) 653-9834	liza-weaver@comcast.net
Alice Johnson	Volunteer Coordinator	(615) 579-0698	aljohnson487@gmail.com
Monique Hartmann	Communications Director	(561) 713-4280	mrsoilcan@gmail.com
Keith Doyne	Safety Director	(717) 512-2608	kdoyne@verizon.net
Jeffrey F Granger MD	Medical Director	574-721-4340	jgranger230@gmail.com
Gary DeBaun	Starter	(612) 810-6783	b747inst@aol.com
John Ostmeyer	Chief Tech Monitor	(913) 481 8504	johnmostmeyer@hotmail.com
Teri Branstitre	Scoring Director	(503) 407-2543	teri@nwinsurance.net
Forrest Fox Productions	Videographer	763-443-2428	f2p@comcast.net
Mark Matticola	Glider Ops Planning	(719) 440-1965	mmatticola@comcast.net
Lynn Bowes	Hospitality	402-770-5966	lynn.bowes@hotmail.com
Livy Phillip	Program Book	(920) 379-7483	optrabbold@yahoo.com
John Willkomm	Boundary Coordinator	(262) 358-3969	pjacro@att.net
Jim Branstitre	Transportation Coordinator	(503) 407-2542	jbranstitre@alliancepackaging.net
Robert Armstrong	IAC President	(214) 912-9241	president@iac.org
Lorrie Penner	IAC Executive Director	(920) 479-0597	execdir@iac.org
Lorrie Penner	IAC Editor & Photographer	(920) 479-0597	editor@iac.org
Wes Liu	Judges Coordinator	(603) 673-6538	weston.liu@charter.net
Mark Matticola	Primary/Sportsman	(719) 440-1965	mmatticola@comcast.net
Peggy Riedinger	Intermediate Chief Judge	(206) 783-5141	peg-riedinger@live.com
Bob Meyers	Advanced Chief Judge	(661) 917-7984	rmeyer0844@aol.com
Hector Rameriz	Unlimited Chief Judge	(256) 651-1648	heclau@aol.com
Hector Rameriz	4 Minute Free – Chief Judge	(256) 651-1648	heclau@aol.com

11. BOX PROCEDURES

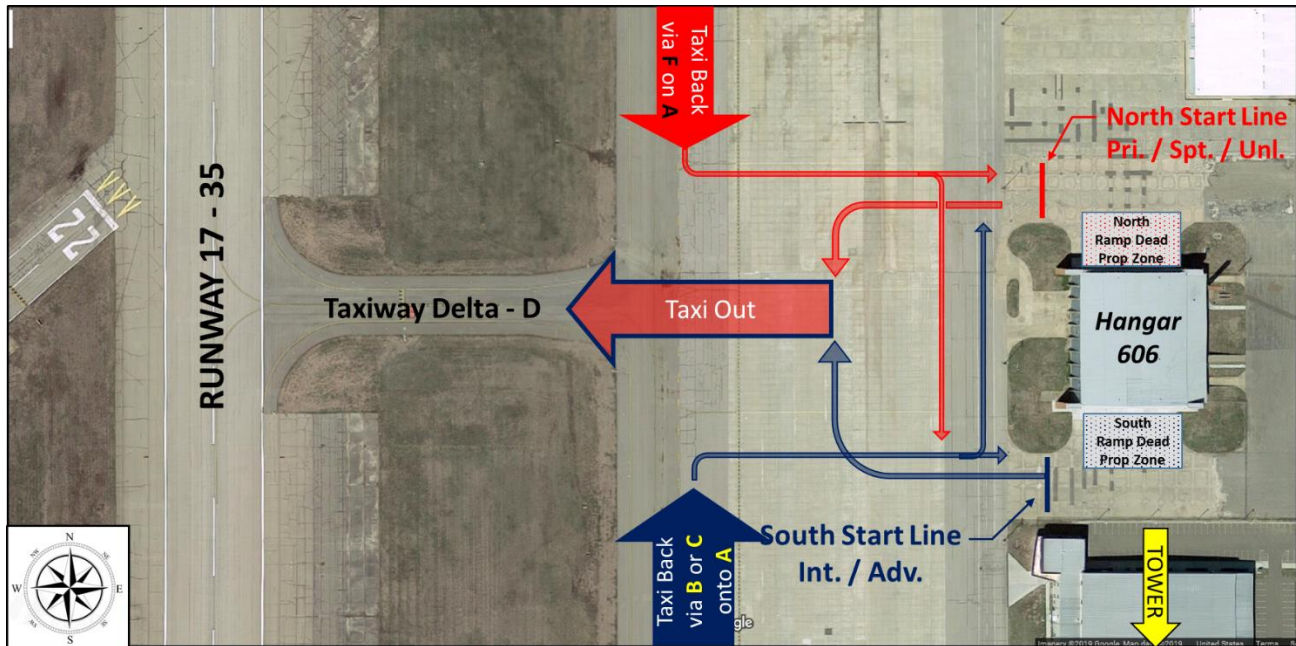
11.1 Field Overview – North and South Runway Operations

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.

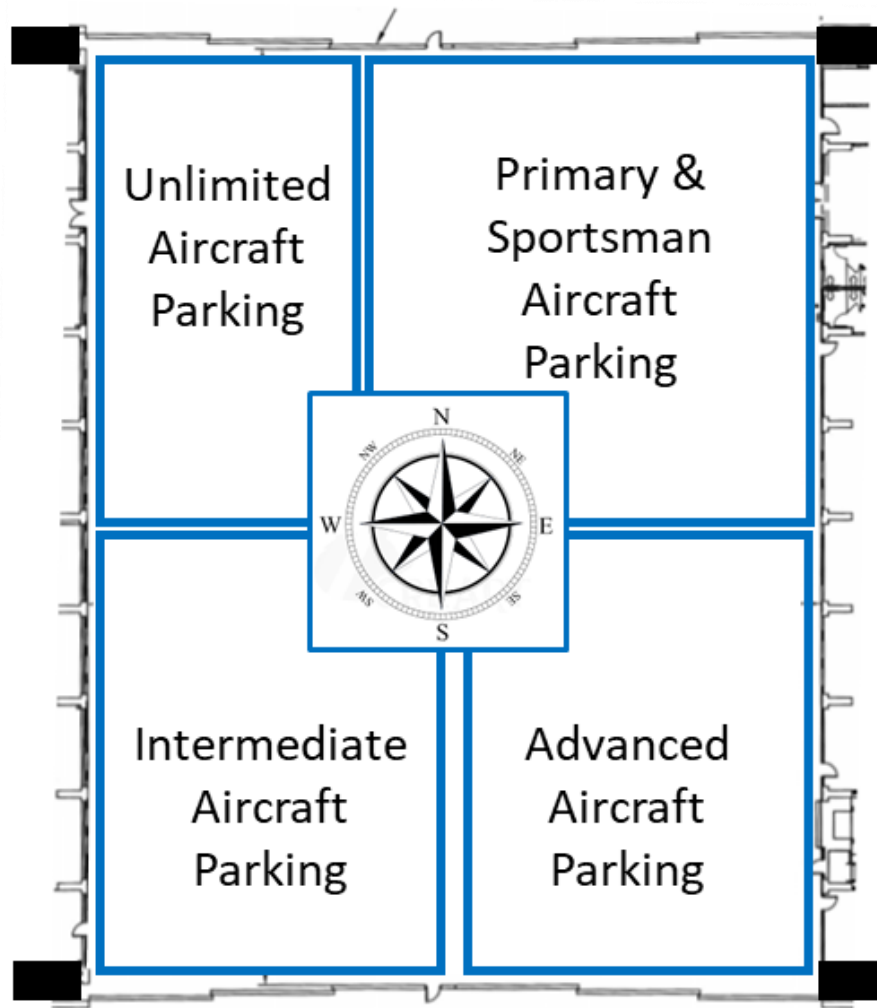
- North Ramp – Primary, Sportsman, Unlimited
- South Ramp – Intermediated & Advanced

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, Facebook, *Sport Aerobatics*, and IAC's *In the Loop* e-newsletter. While the Nationals is in progress, the Communications Director will post updates using a new SMS app outline below. 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>

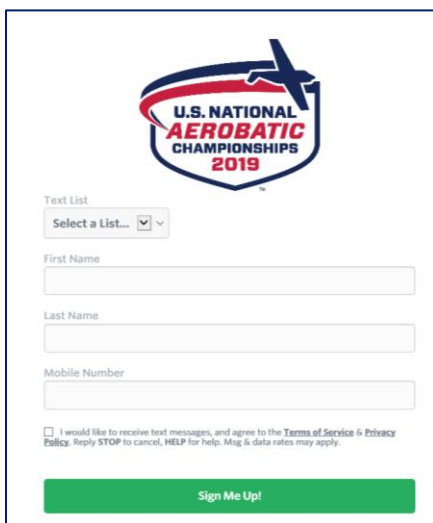
U.S. National Aerobatic Championships

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

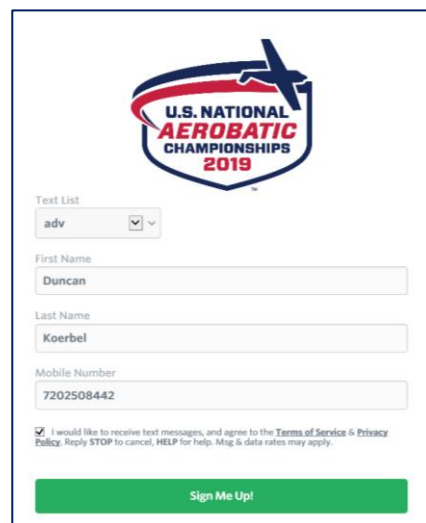
Facebook: <https://www.facebook.com/USNationalAerobaticChampionships/> (link is external)

12.2 Updates for 2019 U.S. National Aerobatic Championships

We use a new app widget.smsinfo.io to push messaging during the contest. We think you will like it and it is easy to use. The blank screen is on the left. Select from the drop down 'text list' menu what you want informed about: examples are your flight category, volunteer, jury, etc. Then enter your name and your mobile phone number and click sign up! You can sign up for more than one following to get messages on flights, jury, volunteers, etc.



The screenshot shows the sign-up form for the 2019 U.S. National Aerobatic Championships. At the top is the event logo. Below it is a 'Text List' dropdown menu with the option 'Select a List...' chosen. There are three input fields for 'First Name', 'Last Name', and 'Mobile Number', all of which are currently empty. At the bottom, there is a checkbox for 'I would like to receive text messages, and agree to the Terms of Service & Privacy Policy. Reply STOP to cancel, HELP for help. Msg & data rates may apply.' This checkbox is unchecked. A green 'Sign Me Up!' button is at the bottom.



The screenshot shows the same sign-up form, but with the fields filled out. The 'Text List' dropdown menu now shows 'adv'. The 'First Name' field contains 'Duncan', the 'Last Name' field contains 'Koerbel', and the 'Mobile Number' field contains '7202508442'. The checkbox for receiving text messages is now checked. The green 'Sign Me Up!' button remains at the bottom.

<https://widget.smsinfo.io/v2/6c3fbc1ccc3e3935998a437f7d1fa319> (Paste this in your browser. Alternatively use Ctrl + click <https://slkt.io/3i6P>. Either method should work.



We ask that you sign up to receive the updates ahead of the contest start, as we will begin posting information as the contest approaches.

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.

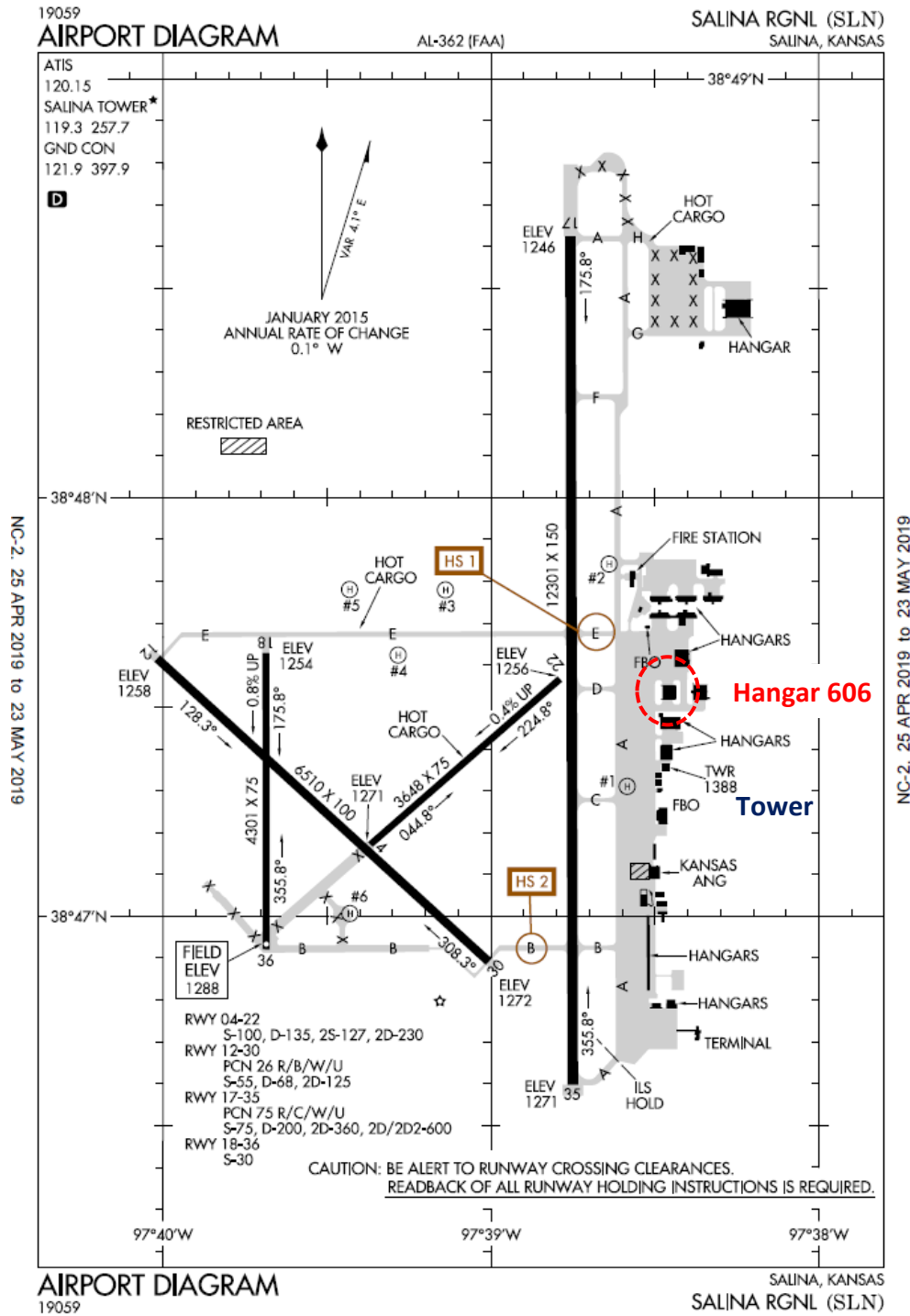
We will not be using TWITTER this year.

For assistance please email Monique Hartmann, 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. This should only apply to the Unlimited pilots as this is where the CIVA ranked judges are assigned.

To further assist our judges who seek CIVA ranking, each Unlimited 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. Unlimited 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.

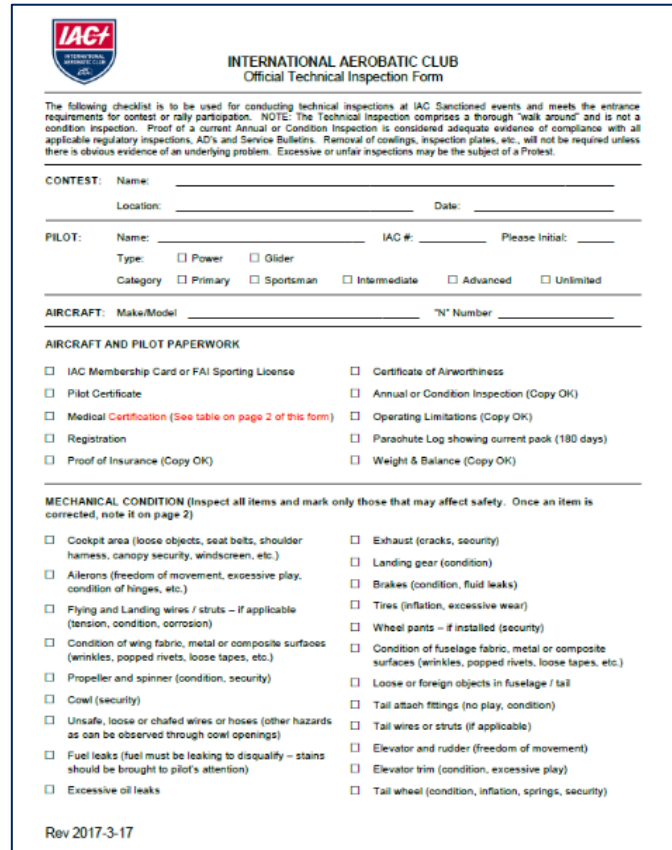
Think about filling out your tech inspection form ahead of time as well to double check you bring everything you need to the contest. It is available on the IAC website:

<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>



The form is titled "INTERNATIONAL AEROBATIC CLUB Official Technical Inspection Form". It includes a header with the IAC logo and a note about the checklist's purpose. The form is divided into several sections: "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" (checkboxes for IAC Membership Card or FAI Sporting License, Pilot Certificate, Medical Certification, Registration, Proof of Insurance, Certificate of Airworthiness, Annual or Condition Inspection, Operating Limitations, Parachute Log, Weight & Balance), and "MECHANICAL CONDITION" (checkboxes for Cockpit area, Ailerons, Flying and Landing wires, Condition of wing fabric, Propeller and spinner, Cowling, Unsafe wires, Fuel leaks, Excessive oil leaks, Exhaust, Landing gear, Brakes, Tires, Wheel pants, Condition of fuselage fabric, Loose or foreign objects, Tail attach fittings, Tail wires or struts, Elevator and rudder, Elevator trim, Tail wheel).

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.

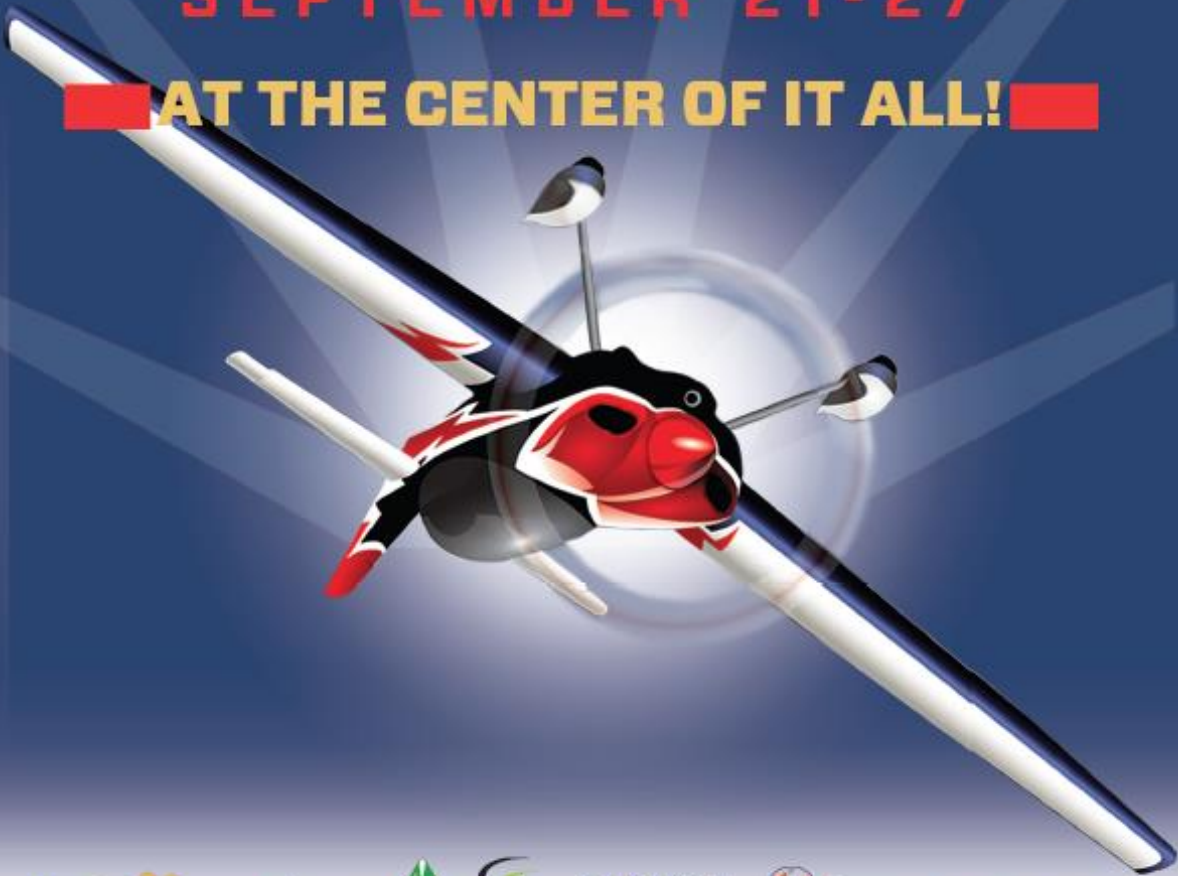
Contest organizers would also appreciate it you would bring a spare handheld radio for use during the contest. PLEASE put your name on the back of the radio and a charger.

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.

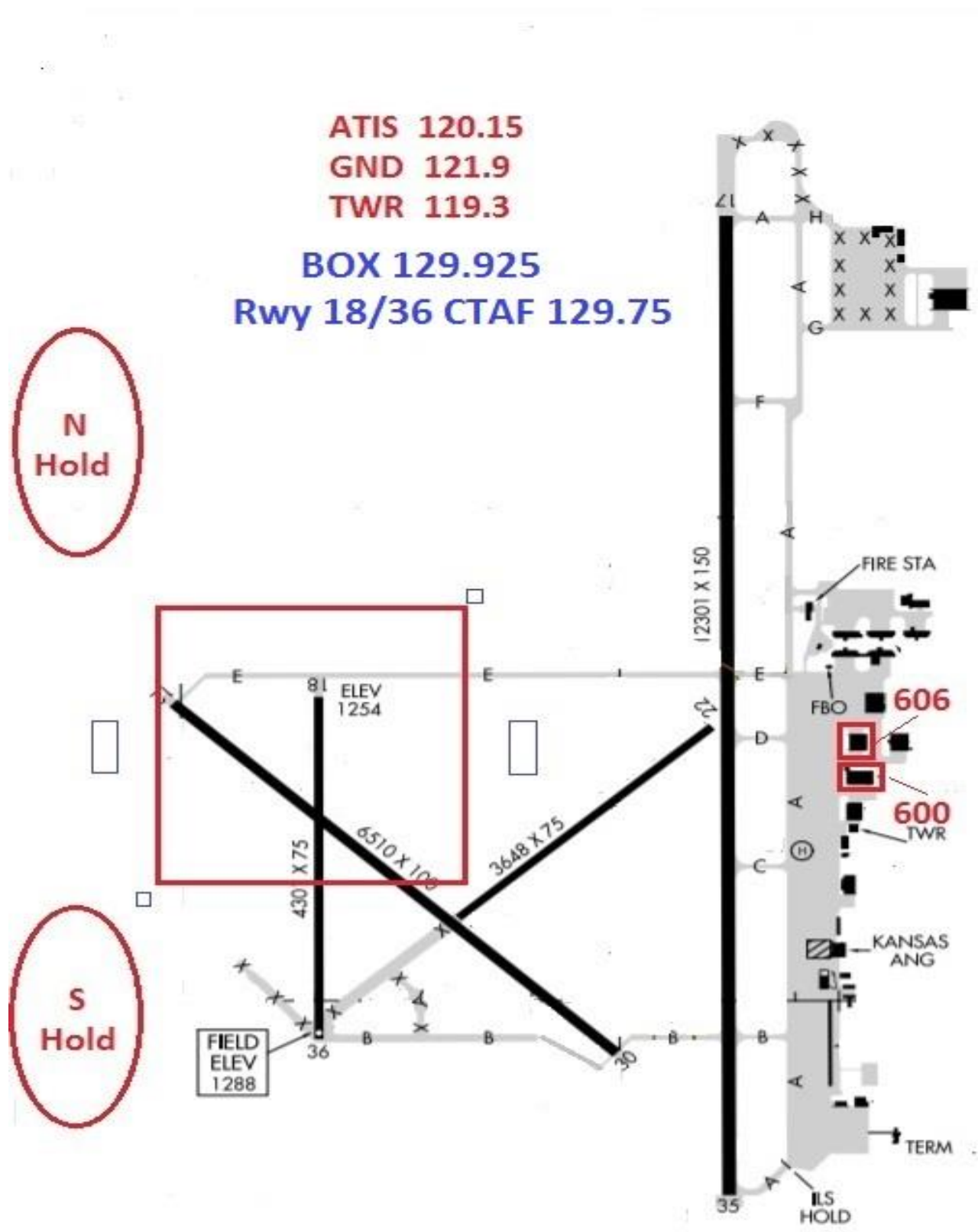
Parking:

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





Annex 2 - What to have for registration

All Pilots:

Completed Technical Inspection Form (See Section 16.0 page 21) which includes:

- IAC membership or member of recognized aerobatic organization outside USA
- Pilot Certificate
- Minimum Medical Certification
- Aircraft Registration
- Proof of Insurance (copy OK)
- Aircraft Airworthiness Certificate
- Annual or Condition Inspection (copy OK)
- Operating Limitations (copy OK)
- Parachute Log showing current pack within 180 days
- Weight and Balance (copy OK)
- Payment of registration fee if not previously paid

Advanced Competitors in 4-Minute Free:

- Current 250 foot or lower Statement of Aerobatic Competency (SAC) card

All 4-Minute Free Competitors:

- A USB thumb drive containing your music in mp3 format. Drive should be empty except for your music file which will be named YOURNAME.mps
- A short bio which will be read to spectators (eg: hometown, day job, years in aerobatics, air show work, awards, past USA team participation, what sets you apart!)

Team Aspirants:

- Declare as team aspirant at registration
- Sign Code of Conduct and Declaration/Pilot Agreement
- Bring beige long pants and black shoes for team photo
- Must be eligible to hold an FAI Sporting License issued by the National Aeronautic Association. However you need not hold a Sporting License at Nationals. For advanced Glider, the pilot must also meet the eligibility requirements of FAI Sporting Code, Section 6, part 2.
- The top placing pilots will earn positions on the team in accordance with the IAC Policy and Procedures Manual 504 as amended.



Annex 3 – Judges Assignments

2019 Nationals
Judge Schedule

Updated 9/13/2019



CATEGORY ↓ DAY →	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
UNLIMITED	CJ - Ramirez H			CJ - Ramirez H	CJ - Ramirez H		CJ - Ramirez H
	Riedinger P			Riedinger P	Riedinger P	Contingency	Four Minute Free
	Taylor D			Taylor D	Taylor D		
	Flournoy M			Flournoy M	Flournoy M		
	Auger G			Auger G	Auger G		
	Denton B			Denton B	Denton B		
	Sowder D			Sowder D	Sowder D		
	Johnson S			Johnson S	Johnson S		
	Morrissey J (Alt)			Meyers-Morrissey L (Alt)	Meyers-Morrissey L (Alt)		
ADVANCED	CJ - Meyer B		CJ - Meyer B		CJ - Meyer B		CJ - Meyer B
	Ramirez H		Ramirez H		Ramirez H	Contingency	Ramirez H
	Langworthy S		Langworthy S		Langworthy S		Langworthy S
	Barnard W		Barnard W		Barnard W		Barnard W
	McCartan A		McCartan A		McCartan A		McCartan A
	Morrissey J		Morrissey J		Hickson J		Hickson J
	Mann R		Hickson J		Mann R		Mann R
	Slabakov N		Bourke J		Slabakov N		Bourke J
INTERMEDIATE	CJ - Riedinger P			CJ - Riedinger P	CJ - Riedinger P		
	Weaver F			Weaver F	Weaver F	Contingency	
	Riedinger J			Riedinger J	Riedinger J		
	Fogarty P			Meyers-Morrissey L	Meyers-Morrissey L		
	Smith B			Smith B	Smith B		
	Granger J			Granger J	Granger J		
	Endo H			Langworthy S	Endo H		
	Denton B			Denton B	Denton B		
				Alt - Fogarty P	Alt - Fogarty P		
SPORTSMAN PRIMARY	CJ - Matticola M		CJ - Matticola M	CJ - Matticola M			
	Granger J		Granger J		Ostmeyer J	Contingency	
	Fogarty P		Fogarty P		Fogarty P		
	Underwood D		Underwood D		Underwood D		
	Clark P		Clark P		Clark P		
	Rhodes T		Rhodes T		Rhodes T		
	Jenkins D		Jenkins D		Jenkins D		
	Endo H		Endo H		Endo H		
General Alternates	Langworthy S	Bourke J	Denton B	Endo H	Clark P		
	McCartan A	Endo H	Endo H	Fourney M	Taylor D		
	Fitzgerald C	Clark P	Meyers-Morrissey L	McCartan A	Fitzgerald C		