



U.S. National Aerobatic Championships

Salina Regional Airport (KSLN)

September 20-24, 2020

Salina, Kansas

USA



Bulletin No. 1

04 July 2020

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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 2020 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. Kansas City is 181 miles east of Salina. KSLN, KICT, and KMCI are all served by scheduled airline services.

Please see Annex 1 on page 25 for COVID 19 Operational Considerations for the contest. This annex will be updated as required.

2. Contest Officials

2.1. U.S. Nationals Contest Jury

Jury Chairman – Steve Johnson

Mr. Johnson is in the process of the jury selection. Updates will be in Bulletin 2.

2.2. Chief Judges

Primary/Sportsman - Mark Matticola

Intermediate - Tony Wood

Advanced - DJ Molny

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 - Stephan Kurtzahn

2.4. Officiating Body - International Aerobatic Club

Contest Director - Duncan Koerbel

Starter - Dale Brykt

Volunteer Coordinator - Alice Johnson

Registrar - Liza Weaver

Scoring Director - TBA

Safety Director - Keith Doyne

Chief Tech Inspect - John Ostmeyer

Transportation Coordinator - TBA

Communications Director - Monique Hartmann TBC

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, regency 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 Annex 3 in a future Bulletin.



3. Schedule

The overall flight sequence is highlighted below. A detailed schedule follows. The initial plan is based on seventy pilots with six flights an hour. Estimated sizes of the flight categories for the initial *planning only* are 25 for Primary/Sportsman, 15 for Intermediate, 15 for Advanced, & 10 for Unlimited. This includes powered and gliders. The schedule will be frequently updated as registration develops.

2020 US National Championships Flying Schedule Power & Gliders - Salina, KS							
Daily Sequence	Friday -Sept 18	Saturday -Sept 19	Sunday - Sept 20	Monday - Sept 21	Tuesday - Sept 22	Wed - Sept 23	Thursday - Sept 24
	Practice Opens 7:15 AM	Practice 7:15- 4:20 PM	Brief 8:00 AM	Brief 8:00 AM	Brief 8:00 AM	Brief 8:00 AM	Brief 8:00 AM
	10 Minute Slots	10 Minute Slots	Primary (8)	Unlimited (10)	Primary (8)	Primary (8)	Unlimited (11)
	Registration	Registration	Sportsman (17)	Intermediate (15)	Sportsman (17)	Sportsman (17)	Intermediate (15)
	Practice Ends 7:32 PM	All Pilot Brief 5:00 PM	Advanced (15)	Advanced (15)	Unlimited (10)	Advanced (15)	4 Min Free (8)
		Group Picture			Intermediate (15)		2021 Advanced Team CIVA Format Flight (6)
Σ Flights	74	58	40	40	50	40	34/40
Dinner	Free Evening	Opening Hangar Party BBQ 6:00 PM	Holiday Inn HQ Reception	Free Evening	Taco Tuesday Dinner & Volunteer Appreciation On the airfield	Free Evening	Flight Medals/Closing Dinner - Italian Night/ Auction - Hangar 606
Flight Legend:			Flight 1	Flight 2	Flight 3		

Thursday, September 17 Non-Contest Day

- 0730 - Hangar 606 Open
- 0800 - 1900 Open Practice Day (Coordinate with box master on site.)
- 0730 - 1830 Technical Inspections. Must be complete before you practice.
- 1200 - On site registration and volunteer signup

Friday, September 18

- 0700 - Hangar 606 Open
- 0715 - 1932 Official Practice – Fly in your assigned 10-minute slot
- 0730 - 1830 Technical Inspections. Must be complete before you practice.
- 1100 - Final planning conference: Nationals officials and Salina Airport Authority.
Location TBA
- 1600 - Movement Area/ Air Operations Area (AOA) Driver Training, Location TBA

Saturday, September 19

- 0700 - Hangar 606 Open
- 0715 - 1620 Official Practice – Fly in your assigned 10-minute slot
- 0730 - 1600 Technical Inspections. Must be complete before you practice.
- 1400 - Judge’s Refresher Course – Location TBA
- 1500 - Meeting with Key Volunteer Group, Briefing Room
- 1700 - **Opening Briefing –Hangar 606 Floor**
- 1800 - Photo Shoot, All Pilots & Volunteers – Hangar 606
- 1805 - 2100 Opening Hangar 606 BBQ Party! Sponsored by the SAA
- 2100 - Lights Out

Sunday, September 20

0700 - Hangar 606 Open

0800 - Primary/Sportsman Known Pilots and Volunteers briefing

0900 - 1230, Primary/Sportsman Known Program Flights

1330 - Advanced Known Pilots and Volunteers briefing

1430 - 1730, Advanced Known Program Flights

TBA - Sunday worship service with Hollywood Hayden

1800 - 2030 - Cash Bar & Snacks – Holiday Inn

Host: Holiday Inn & Burger Theory restaurant @ 3145 S 9th St, Salina, KS 67401

Monday, September 21

0700 - Hangar 606 Open

0800 – Unlimited Known Pilots and Volunteers briefing

0900 – 1100, Unlimited Known Program Flights

1145 – Intermediate Known Pilots and Volunteers briefing

1230 – 1530, Intermediate Known Program Flights

1600– Advanced Free Pilots and Volunteers briefing

1645-1930 Advanced Free Program Flights

Tuesday, September 22

0700 - Hangar 606 Open

0800 - Primary/Sportsman Free Pilots and Volunteers briefing

0845 - 1215, Primary/Sportsman Free Program Flights

1300 - Unlimited Free Pilots and Volunteers briefing¹

1345 - 1530, Unlimited Free Program Flights

1600 - Intermediate Free Pilots and Volunteers briefing

1645 - 1930, Intermediate Free Program Flights

1800-2100 Taco Tuesday/Volunteer Recognition Night on the airport.

Final hangar location TBA

Wednesday, September 23

0700 - Hangar 606 Open

0800 – Primary/Sportsman Free Pilots and Volunteers briefing

0845 - 1215, Primary/Sportsman Free Program Flights

1300 - Advanced Unknown Pilots and Volunteers briefing

1345 - 1645, Advanced Unknown Program Flights

Note: Intermediate Pilots on Thursday be prepared to fly Wednesday afternoon

Thursday, September 24

0700 - Hangar 606 Open

0800 – Unlimited Unknown Pilots and Volunteers briefing

¹ Please note – We will update the schedule to address Unlimited pilots' figure and sequence selection meetings for the free Unknowns. We will try to have two free unknowns after the known for a total of three flights.



0845 – 1045, Unlimited Unknown Program Flights

1115 – Intermediate Free Pilots and Volunteers briefing

1200 – 1445, Intermediate Free Program Flights (Could shift to Wednesday Afternoon)

1515 - 4-Minute Free Pilots and Volunteers Briefing

1600 - 1700, 4-Minute Free Program Flights

1830 - Flight Awards, Trophy & Auction Dinner catered by, Martinelli's – In the hangar

If we overachieve on our flight rates and it looks like Thursday will have extra time, conceptually we are considering having the members in attendance from the *2020 US Advanced Team* fly a fourth flight under the CIVA timed format with an unknown distributed on Wednesday. We will NOT do the figure selection and sequence construction process for this concept but instead give the team pilots the same unknown.

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. 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 \$0.50/gallon discount with AvFlight during the contest and on departure day. See their web site at <https://www.avflight.com/Network/KSLN>
- 5.3.2. Competitors wishing to purchase fuel with AvFlight must fill out a Registration Form. These are available upon arrival or may be downloaded.

6. Entry Fees – Power and Glider

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

- Entry fees include video-taped competition flights, BBQ dinner on Saturday night, Taco Tuesday, and closing event on Thursday night.
- Hangar fee for the week is \$100/aircraft which is not include in entry fee.
- Entry fee Deadline – **September 11, 2020**. Late fee after September 11th is \$50 for all categories.
- We will fully refund entry fees if you decide not to attend or the contest is not held. **For now, please register on the IAC portal.**
- Once your fee is received, you can contact the CD and request your scheduled practice slot on Friday or Saturday. Salina is in the Midwest time zone, UTC+5.
- We have 132 practice slots available and will give you your first choice on the first paid/first serve basis. After everyone who is registered gets one flight, we will offer a second practice slot to fill up the daylight. Second practice slots will be offered again based on first paid/first served basis and scheduled by the CD to rationally maximize the spacing between flight one and flight two.

7. Accommodation and Transportation

7.1. Hotels

The IAC has arranged to have a block of rooms for the contest at the Headquarters Hotel, the Holiday Inn (HI). To get the IAC rate, make your reservations by phone and we are working to get a dedicated link established for the Internet.

Note From the CD: The rate at HI is \$99.00/Night. You also get a good breakfast for \$5. I would ask you to show your patronage to the HI as they are also hosting our happy hour on Sunday and have helped the IAC out for this event and for other considerations. Given the COVID 19 situation it might also be thoughtful for us to stay more as a group in one local. We did not attempt to outguess room rates on the internet as things are fluid. Other local hotels are listed for your convenience and may/may not have a better rate but we greatly appreciate your support at the Holiday Inn. Please book there ...it will go a long way to recurring support every year.

7.1.1. Holiday Inn – IAC Contest Headquarters

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



7.1.3 Hampton Inn

401 W Schilling Rd, Salina, KS 67401
Phone: (785) 823-9800
Directions: <https://goo.gl/maps/kFWJs8SKHR42>



7.1.4 Fairfield Inn & Suites

2455 Virginia Dr, Salina, KS 67401
Phone: (785) 515-5333
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>
Plenty of space, but no services available. Drop the CD
a note if you think you will bring your own RV/Camper.



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. We are working on having the truck available on practice days in addition to all contest days.

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. We are working on supply right now, so early registration helps us. Other companies are available at KSLN if Long McArthur is sold out.



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. We will have vehicles to help shuttle people on arrival to the fence line to help unload their airplanes if required.

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 – Saturday, September 19 – 5 PM**
- Hangar 606 – Registration, Scoring, Jury, Media & other Offices – 2nd Floor
- Hangar 606 - Daily briefings – in the hangar for COVID 19 considerations
- Various Local Venues – We are trying to provide as much on airport event management as we can to help you be comfortable in a known crowd. The only scheduled off airport event is at the Holiday Inn on Sunday night. Monday and Wednesday nights are free.

9. Entry Form

All competitors, volunteers, and family members must register online. The online registration system opens July 5, 2020 and closes September 11, 2020. Go to www.iac.org.



10. CONTACT LIST

Name	Title	Cell Phone	E-Mail
Duncan Koerbel	Contest Director	720-250-8442	duncindencer@gmail.com
Steve Johnson	Jury Chairman	615-557-2364	gjunkie1@aol.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
Jon Apfelbaum MD	Medical Director	801-913-1211	jonathan.apfelbaum@gmail.com
Dale Byrkit	Starter	402-762-3392	dbyrkit@windstream.net
John Ostmeyer	Chief Tech Monitor	913-481 8504	johnmostmeyer@hotmail.com
TBA	Scoring Director		
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
TBA	Boundary Coordinator		
TBA	Transportation Coordinator		
Robert Armstrong	IAC President	214-912-9241	president@iac.org
Steve Kurtzahn	IAC Executive Director	651-448-1604	execdir@iac.org
Lorrie Penner	IAC Editor & Photographer	513-284-5076	editor@iac.org
Wes Liu	Judges Coordinator	603-673-6538	weston.liu@charter.net
Mark Matticola	Primary/Sportsman	719-440-1965	mmatticola@comcast.net
Tony Wood	Intermediate Chief Judge	817-658-7479	akrowood@me.com
DJ Molny	Advanced Chief Judge	303-619-4814	djmolny@gmail.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

We have shifted the 2020 box 200 yards east of the 2019 location. This will help the west judge’s location have improved radio communications, departure visibility and easier ground logistics especially y if it rains. Flow templates for powered aircraft when the active runway is 17 or 35 are provide below. The flow templates anticipate that the official contest direction may not be the same as the active runways. Circumstance when the wind direction is east/west are also considered.

Active Runway 35
Official Contest
Wind Direction:
NORTH

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000’ AGL
- Stay with chief if you exit east

CONTEST FREQ.	Box Floor & Ceiling (MSL')
ATIS: 120.15	Primary: 2788 ft. & 4788 ft.
GND: 121.9	Sportsman: 2788 ft. & 4788 ft.
TWR: 119.3	Intermediate: 2488 ft. & 4788 ft.
BOX: 129.925	Advanced: 1944 ft. & 4897 ft.
RWY 18/36	Unlimited: 1616 ft. & 4897 ft.
CTAF: 129.75	

Active Runway 17
Official Contest
Wind Direction:
NORTH

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000’ AGL
- Stay with chief if you exit east

CONTEST FREQ.	Box Floor & Ceiling (MSL')
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TWR: 119.3	Intermediate: 2488 ft. & 4788 ft.
BOX: 129.925	Advanced: 1944 ft. & 4897 ft.
RWY 18/36	Unlimited: 1616 ft. & 4897 ft.
CTAF: 129.75	

Active Runway 17
Official Contest
Wind Direction:
SOUTH ↑

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000' AGL
- Stay with chief if you exit east

Salina Field Altitude – 1,288 MSL

CONTEST FREQ.	Box Floor & Ceiling (MSL')
ATIS: 120.15	Primary: 2788 ft. & 4788 ft.
GND: 121.9	Sportsman: 2788 ft. & 4788 ft.
TWR: 119.3	Intermediate: 2488 ft. & 4788 ft.
BOX: 129.925	Advanced: 1944 ft. & 4897 ft.
RWY 18/36	Unlimited: 1616 ft. & 4897 ft.
CTAF: 129.75	

Active Runway 35
Official Contest
Wind Direction:
SOUTH ↑

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000' AGL
- Stay with chief if you exit east

Salina Field Altitude – 1,288 MSL

CONTEST FREQ.	Box Floor & Ceiling (MSL')
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CTAF: 129.75	

Active Runway 35
Official Contest
Wind Direction:
EAST ←

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000' AGL
- Stay with chief if you exit east

Salina Field Altitude – 1,288 MSL

CONTEST FREQ.	Box Floor & Ceiling (MSL')
ATIS: 120.15	Primary: 2788 ft. & 4788 ft.
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BOX: 129.925	Advanced: 1944 ft. & 4897 ft.
RWY 18/36	Unlimited: 1616 ft. & 4897 ft.
CTAF: 129.75	

5

Active Runway 17
Official Contest
Wind Direction:
EAST ←

Takeoff

- Starter/Tower will clear you to the hold
- Switch to Box Freq. as cleared & listen
- Chief Judge will promote you / modify any clearance/ Clear you into the box

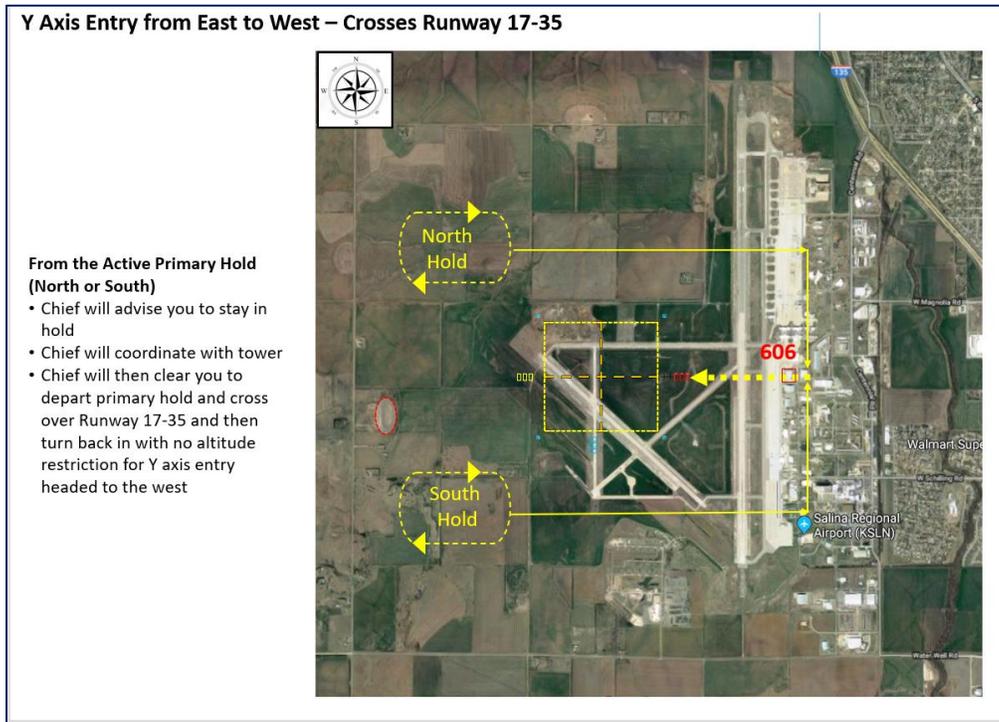
Upon Completion/Landing

- Exit west – switch to tower
- Keep it tight
- Keep it low – 1000' AGL
- Stay with chief if you exit east

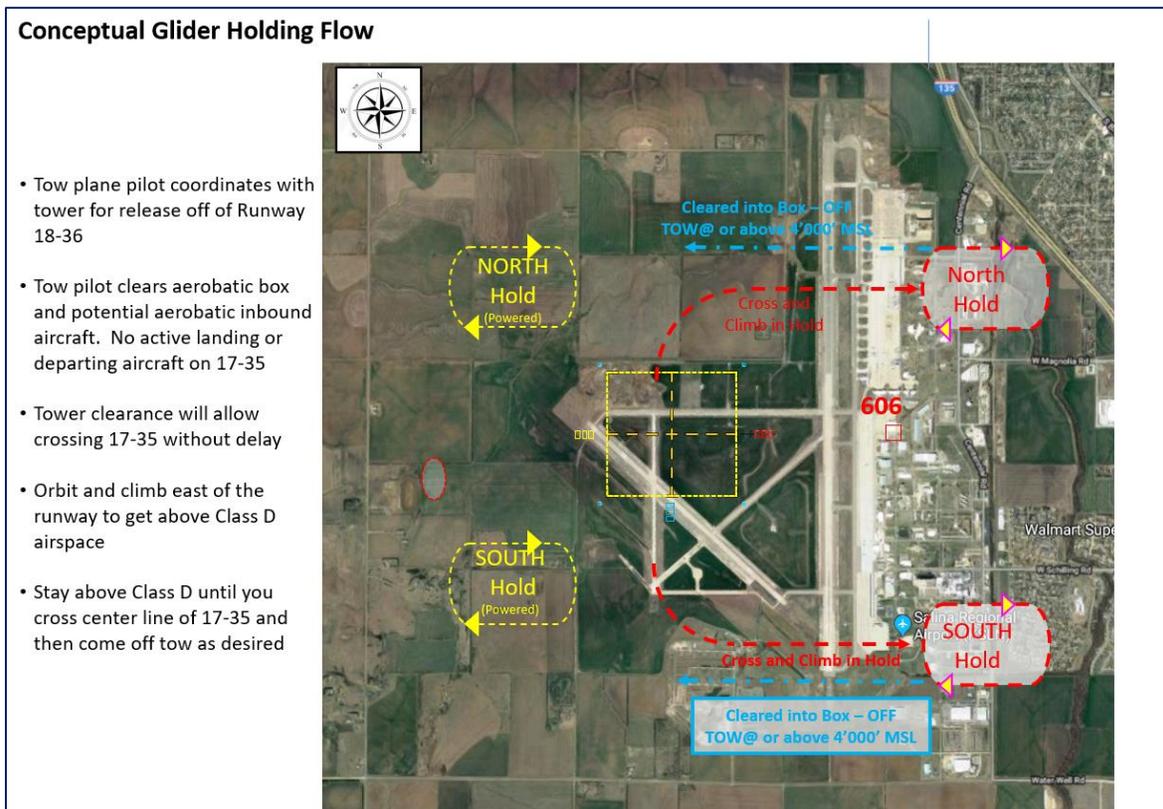
Salina Field Altitude – 1,288 MSL

CONTEST FREQ.	Box Floor & Ceiling (MSL')
ATIS: 120.15	Primary: 2788 ft. & 4788 ft.
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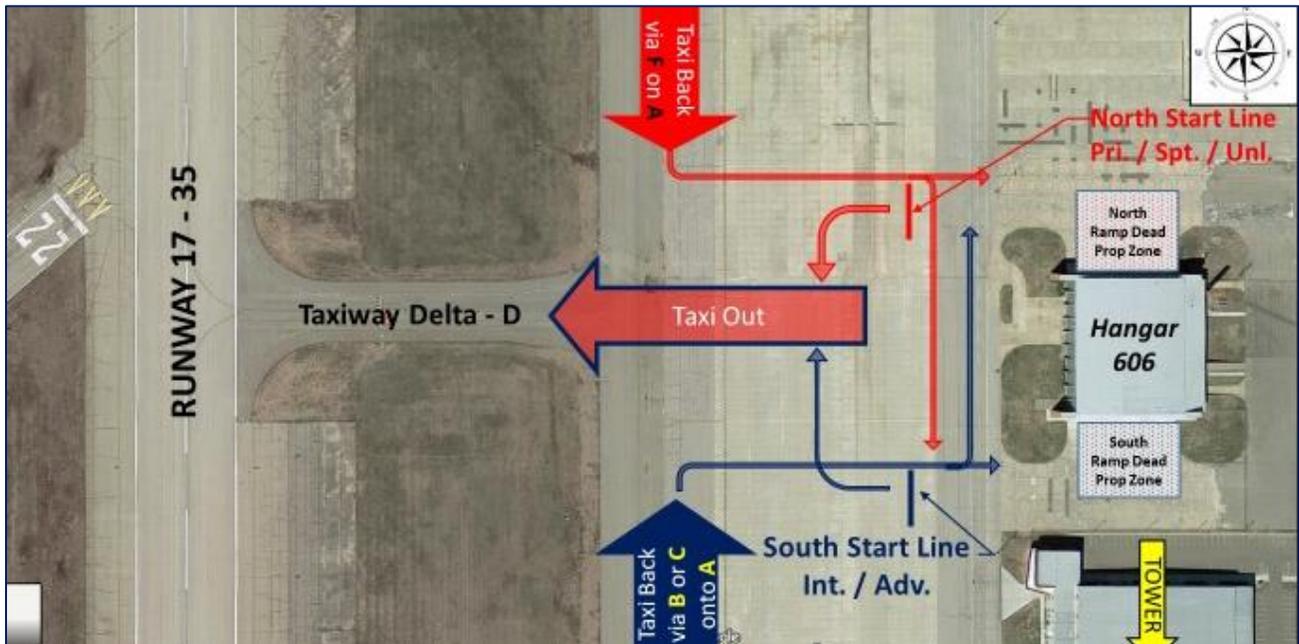


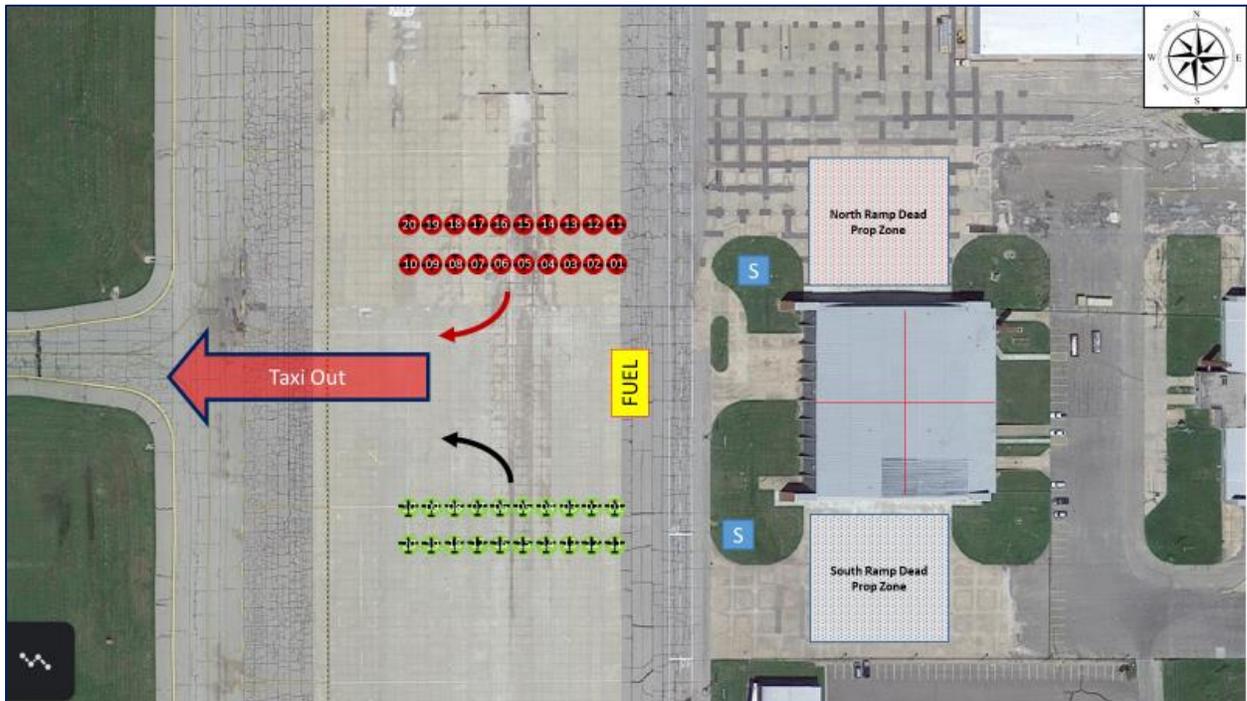
For the tow plane & glider pilots, we are working to develop an east hold for this year’s contest. Conceptually we will get in contact with the tower before departure for clearance to cross runway 17-35 into the glider hold areas.



11.2 Ramp

General Overview and zoomed in view of ramp.





We will have small, numbered traffic cones on the ramp to help make this system visual. It will also assist in public health concerns related to COVID 19. Push your plane to your starting position please when you feel comfortable, but the earlier the better.

11.3 Ramp Operations & Departure

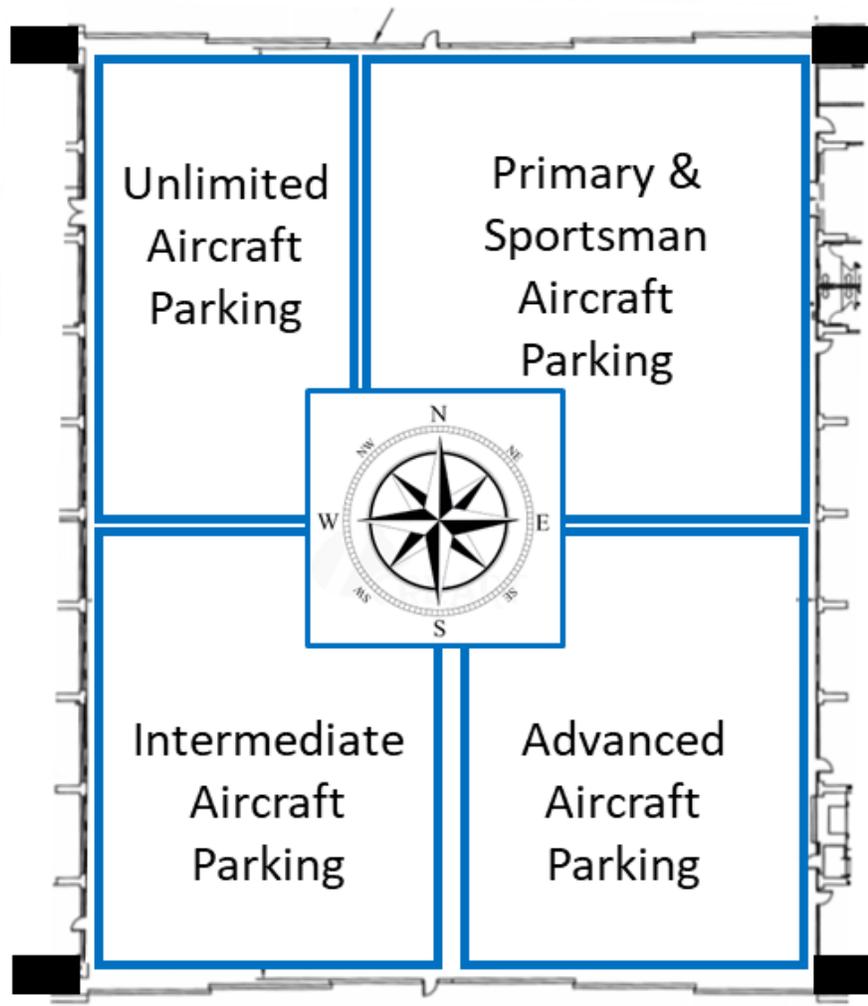
Hangar 606 has doors on both the North and South end of the facility. We will group categories on each end of the hangars to allow starters to focus on one side or the other. The below distribution splits the aircraft ~50-50. See hangar diagram following page.

- North Ramp – Primary, Sportsman, Unlimited
- South Ramp – Intermediated & Advanced
- Once cleared to start/started, powered competitors 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 fly runway heading until you are cleared to turn west towards the appropriate hold 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. We are working on a hold area for the gliders above the Class D airspace on the east side of the box this year. Launch and recovery will be off of 18-36 and then tower will approve transition east over the 17-35 centerlines to climb and hold.

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

Upon sequence completion, exit the box, 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. 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 WhatsApp . This will be the primary method of communication with participants as well as updates in Hangar 606.

12.1 IAC Website, YouTube channel, Facebook, & Twitter

Like us on Facebook. See aerobatic videos 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-2020>

Facebook: <https://www.facebook.com/USNationalAerobaticChampionships>

12.2 Updates for 2020 U.S. National Aerobatic Championships

Contest updates will appear on the IAC website and we will update the Bulletin from time to time. Starting in September we will use WhatsApp  as the social media / phone updates. WhatsApp  and the audio-visual system in the hangar will be the primary means of updates once the contest gets rolling. We recommend you install WhatsApp on your phone so we can begin to get that rhythm going in September. WhatsApp is free. Two links are provided below to assist you. The first is for android phones and the second is for iPhones.

<https://www.androidcentral.com/how-set-and-start-using-whatsapp-android>

<https://www.imore.com/how-use-whatsapp-ultimate-guide>

For assistance please email Monique Hartmann, mrsoilcan@gmail.com or Duncan Koerbel Duncan.Koerbel@gmail.com / 7202508442

12.3 Internet

Hangar 606 is equipped with WIFI. We will provide the WIFI network ID and required password to the contestants upon arrival.

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 50 feet of the hangar door entrances!
- 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 your airplane via the loading dock at the SE side of Hangar 606. See a contest official if you need assistance.

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/contest-director-packet>

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 cowlings, 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)

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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.

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. See <https://www.iac.org/nationals-2020-special-rules-and-procedures>

Note that only Unlimited Power categories will fly Free Unknowns. All other unknowns will be ‘pre-packaged’ from the IAC sequence committee.

17.1 Miscellaneous

Pilots are encouraged to bring your own wheel chocks. ‘Normal’ ramp chocks are often too big to fit under wheel pants.

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.

Annex 1 – COVID 19 Operational Considerations

Please be advised that we will continue to update this annex to provide more details on how the contest will be operated knowing that risks associated with COVID 19 still exist.

The following considerations are being developed. These are published below to help you decide if this concept of operation is satisfactory for you to attend. Further, if you have other ideas and concerns, please share those with the CD. This is the baseline plan to deviate from.

1. We will only have the contest if our size of group is permissible to our host officials at the Salina Airport Authority (SAA) and the requisite regulations from the state of Kansas. The state is currently permitting the counties to set the guidance. The airport is in Saline County. Currently their restrictions & restrictions plan for holding the event trend towards allowing the event to happen. We will monitor and advise any changes.
2. Contest COVID 19 requirements will meet or exceed all state and local Kansas requirements.
3. We will ask you to wear a mask per the contest and Saline county requirements.
4. We will hold all group briefings in the hangar or just outside the hangar. We plan to have an LCD wall and good audio for the hangar to help make this go smoothly.
5. We will post orders of flights and results electronically on the large LCD and use the website to avoid congregating around 8 1/2 x 11 pieces of paper taped to walls.
6. We will establish clear north and a south starting line on the ramps. This will allow you to get your airplane in position with solid visual cues so we minimize the starter and others finding pilots.
7. We will be respectful of the judge's line arrangement with the assistants, recorders, and runners. If judges want to be six feet away from an associate, we will make that happen as we have enough space on the judge's line. There may be some more discerning callouts of scores, but this is a negligible compromise if required.
8. We will ask for the judge's line occupants to all have masks and don them per the contest and Saline county requirements such as for a judge conference or when asked to do so by an associate if close together; e.g. Judge, assistant, recorder.
9. We will make sure people are comfortable being transported to and from the judge's line in smaller groups versus a crowded van. We will look to secure more pickup trucks for use as required.
10. We will provide isolated work spaces on the second floor to allow volunteers to do their job without a crowd. This is possible as the group briefs will be in hangar to eliminate hallway, stairway, and room congestion. We will ask you to be respectful of work spaces.
11. We have lots of space and plenty of tables so we can spread out for food events in the hangar more easily than we could crowd into a restaurant or offsite venue. Hence, we will accommodate the contest with onsite dinners on Sunday, Tuesday and Thursday. Monday will be at the Holiday Inn.
12. The merchandise area will be on the first floor and we will provide a distancing/barrier at the checkout and ask you to spread out while shopping.
13. We encourage you to stay at the Holiday Inn which is the IAC headquarter hotel as these will keep us to the most common group.
14. We will provide hand sanitizer and disposable gloves.
15. We will identify COVID 19 testing facilities in Salina for use as appropriate.
16. We will work with the food purveyors to make sure we follow Kansas guidelines
17. Our medical director is Jon Apfelbaum MD and will be on site for the contest.
18. Please be advised that if these noted guidelines cause you concern and you do not feel comfortable adopting them, please contact the CD. We will work to accommodate the needs of our membership the best we can within rational limits.



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 (e.g.: hometown, day job, years in aerobatics, air show work, awards, past USA team participation, what sets you apart!)
- Smoke oil is available at the contest



Annex 3 – Judges Assignments

Will be updated in future bulletins



NATIONALS
2020

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SALINA  KANSAS
U.S. NATIONAL AEROBATIC CHAMPIONSHIP
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