

OKIE DERBY

August 14, 2021

**SUNDANCE AIRPORT
YUKON, OK**

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The Oklahoma Chapter of The Ninety-Nines is pleased to welcome you to the 42nd Okie Derby! We thank you for your support of the Wings of the Future Scholarship!

One of our goals is to make your rally as enjoyable as possible, so we ask that you read the enclosed information carefully. If you have any questions, please do not hesitate to contact us.

In order to facilitate this year's registration process, we're asking you to review the enclosed entry checklist and forward all required information by **the deadline of August 9, 2021. Below are some reminders for the 2021 Okie Derby.**

- **Hotel** – We are working to obtain for our participants a preferred rate at a local hotel. When these arrangements are made, we will post them on our website, okiederby.com. Transportation will be provided to and from the hotel throughout the weekend, if needed.
- **Awards Banquet** – On Saturday evening after the rally, join us for an awards banquet, Social Hour to begin at 6:30, Banquet to start at 7:00. Banquet plans are being finalized, we'll let you know particulars as they are completed.
- **The Route!** - The route will be given to you on registration.
- **Paperwork!** Please scan and return insurance form to Gail Foote, crbfred@gmail.com, be sure to put Okie Derby in the subject line. Or, send hard copies to Gail Foote, 502 Wild Wind Road, Edmond, OK 73003.

The Oklahoma Chapter of the Ninety-Nines welcomes you with open arms and looks forward to another rally filled with friendly competition!

Tailwinds,
The 2021 Okie Derby Board

OKIE DERBY – 2021

August 14, 2021 RULES & REGULATIONS

I. EVENT DEFINITION

A cross-country proficiency event of approximately 200 nautical miles for single and multi-engine FAA certificated and homebuilt experimental aircraft to be flown during daylight hours under VFR conditions and conducted on a handicap system.

Contestants are to choose their own (ground) speed handicap in knots (nautical miles per hour) and estimate fuel to be used to the nearest tenth of a gallon. The **SPEED HANDICAP MUST BE INCLUDED** on the **APPLICATION FOR ENTRY** for that entry to be accepted. Fuel estimates will be turned in on Saturday morning just prior to starting engines and taxing for takeoff.

II. ORGANIZATION

The Okie Derby will be conducted under the auspices of the Oklahoma Chapter of the NinetyNines, Inc.

All contestants must abide by any and all rules and regulations set forth by the Oklahoma Chapter of the Ninety-Nines. Violations of any rules or procedures will result in disqualification from the Derby or in scoring penalties as outlined on the penalty sheet.

Emphasis is placed on safety and fairness to each contestant and aircraft.

III. PILOT QUALIFICATIONS

- A.** Operation of aircraft is open to all licensed pilots, private pilot certified or higher. A co-pilot or observer (need not be licensed) is mandatory. Extra passengers may be carried at the discretion of the pilot.
- B.** The Chief Judge, Chief Timer and Fuel Judge are ineligible for this event.

IV. AIRCRAFT SPECIFICATION

- A.** The Derby is open to commercially certificated stock model aircraft and experimental aircraft.
- B.** Aircraft must have a range to safely execute the course without refueling.
- C.** Aircraft must have a current annual and/or must be within their 100-hour inspection, if applicable. All aircraft must have proper entries in their logbook.
- D.** Aircraft must have communication capability in the frequency range of 108.0 to 129.5 MHz.

V. OPERATION OF THE DERBY

- A.** Visual flight rules will prevail. Instrument flight is prohibited and constitutes disqualification from the Derby.
- B.** Proper charts for the Derby route will be the responsibility of the pilot-in-command.

- C. Starting, taxiing, and takeoff sequences will be at the direction of the official starter. Normal procedures will be for the aircraft with the highest specified Derby ground speed handicap to take off first. The Okie Derby Chairman reserves the right to alter the order of takeoff.
- D. Aircraft that are not able to take off at the allotted time, or registering late but wishing to continue in the Derby, will be started after other competitors have taken off in assigned order.
- E. All aircraft must leave the starting line with full fuel tanks except for fuel used during run up and taxi. **It is the responsibility of the pilot-in-command to ensure that the aircraft is topped off the morning of the rally.**
- F. All pre-takeoff aircraft checks must be completed before the aircraft reaches the starting line of the Derby.
- G. Official time: time will be started when the aircraft, either airborne or on the ground, crosses the designated timing line, and will be stopped when the aircraft crosses the finish line designated in the course description.
- H. All pilots are required to carry a U.S. Fleet tracking device with them in their airplane.
- I. Aircraft will depart at one-to-two-minute intervals at the discretion of the starter. **AIRCRAFT MUST FLY THE FULL LENGTH OF THE RUNWAY AT ALL AIRPORTS BEFORE TURNING OR CONTINUING ON COURSE (unless otherwise directed by ATC).**
- J. The time taken for an unscheduled stop will be included in the official time of a participating team.
- K. Each team will be provided a Derby reporting sheet to record the identification of pictures along the route and/or signifiers at checkpoint airports. After completing the derby, teams will remain with their aircraft until the reporting sheet is handed to a ramp official.
- L. All Contestants will cross the finish line as prescribed at the pre-derby briefing.
- M. Cutting of the engine before taxiing in your designated parking spot or before abeam that spot (procedure will be described in pre-derby briefing) so as to avoid normal taxi procedures and use of fuel is prohibited. Engines must be cut immediately upon completion of parking or on signal from ramp official. Turbo-charged aircraft or others requiring additional idle before shutdown must be identified to Derby Chairman at the pre-derby briefing.
- N. It will be the responsibility of the pilot or an authorized representative to remain with the aircraft until it has been fueled at the finish of the Derby.
- O. The Derby course will be measured from the center of airport symbols on current charts. **Be sure to calculate your speed from the official Okie Derby Distance.**
- P. All Derby aircraft will be impounded prior to and after the Derby at the owner's risk. All reasonable precautions will be taken, but no responsibility for fire, theft, or windstorm will be assumed by the airport or Derby officials. It is the absolute responsibility of the pilot to tie down the aircraft.
- Q. The decision of the Judges committee will be final.

VI. APPLICATION FOR ENTRY AND FEE

- A. Application for entry must be filled out and sent to the Registration Chairman accompanied by the proper entry fee.
- B. The Derby Board reserves the right to reject any application at any time. If this occurs, the board will refund the associated entry fee. The Derby Board also reserves the right to extend the entry deadline.
- C. **Entrants MUST submit speed handicaps in Knots on their entry application. No other type of speed measurement will be accepted.** Fuel estimates to the nearest 10th of one gallon are to be turned in Saturday morning prior to take off.
- D. In the event a pilot finds she/he will have to fly a plane other than the one listed on the entry application, it must be reported immediately to the Derby Chairman and such entry will be accepted or denied at the discretion of the Derby Board.
- E. Each contestant must carry a minimum of bodily injury liability and property damage liability insurance on the aircraft to be flown in the Derby as stated on the Certificate of Insurance. Each contestant is required to file a "Certificate of Insurance" upon registration at the Derby. A certificate issued on the insurance company's form is acceptable provided it describes or names the event, date(s) or insured's participation and the Limits of Liability. DO NOT bring your policy; it cannot be accepted in lieu of the above.

(NOTE: Almost every policy has a standard statement in it excluding coverage during competitive events; you need your insurance company's endorsement saying coverage will remain in effect during the Okie Derby. Since this is a proficiency event designed to upgrade the pilot's skills, no insurance company should object to signing this certificate or issuing one on their own form.)

- F. All Derby participants shall sign at the registration desk on Saturday 1.) Release and Waiver of Liability form and 2.) Document Certification form agreeing to abide by the FAR's and rules of the Derby. They will agree to be bound by any decision or interpretation made by the Judges Committee on any matter.

VII. IMPOUNDING AND INSPECTION OF AIRCRAFT

- A. Impounding will begin Saturday at 6:00 a.m. Impound deadline is Saturday morning of the rally at 8:30 a.m. Aircraft arriving with prior permission after impound deadline may be admitted at the discretion of the Derby Chairman provided sufficient time remains for the inspection. **LATE ARRIVALS MUST BE APPROVED BY THE DERBY CHAIRMAN.**
- B. Pilots must remain with their aircraft for fueling. Ramp personnel will not be responsible for fueling any aircraft.
- C. Pilots will proceed to Registration to finalize documentation.

VIII. PILOT BRIEFING

- A. It is mandatory that all pilots and recommended that all co-pilots or observers attend the pre-rally briefing. Co-pilots, if sufficiently rated so as to be able to act as pilot-in-command may attend

in lieu of pilots only with advance approval of the Derby Chairman. Any team without proper representation at the pre-rally briefing will be subject to disqualification.

B. Approved late arrivals will be briefed at a time set by the Derby Chairman.

IX. SCORING

The object of this Derby is to demonstrate the ability of the contestant to fly a cross-country course in such a manner as to most closely equal the contestant's speed handicap and fuel estimate.

Scores will be determined by matching each contestant's actual speed against handicap speed and fuel used against the fuel estimated, with speed and fuel, each accounting for half of the score. Percentage of either fuel or speed going over 100 will be considered as the difference from 200 rather than 100.

A. Scores will be compiled by the Official Scorer as appointed by the Derby Chairman. Assigned handicaps, fuel allowances, scoring method herewith, and penalties per penalty sheet will determine contestants standing.

B. The Judges' Committee composed of the Chief Judge, or his/her representative, Rally Chairman, or her representative from the Okie Derby Rally Board, and Rally Vice Chairman, or her representative from the Okie Derby Rally Board, will make the determination of any penalties are to be applied. If time permits and the respective pilots are available, the Judges Committee will afford the team an opportunity to discuss/review any penalties to be applied before the final scores are determined. The decision of the Judges Committee is final.

C. Fuel will be reported in tenths of a gallon, speed in knots, and distance in nautical miles. Please note, use the official distance as calculated by the judges.

D. SCORING EXAMPLE:

TIME/SPEED: All speed is in knots (nautical miles per hour)

Handicap speed - est. ground speed on application = ____ (s)kts.

Par time = (distance / handicap speed) = ____ Hrs.
(X 3600) = ____ (Seconds)

Actual elapsed time in seconds

Actual elapsed time in hours ____ (Seconds/3600)

Actual speed = (distance / actual hours) = ____ (s)kts

Speed score = (actual speed / handicap speed) X 100 = ____ %

NOTE: If % is over 100, subtract from 200

FUEL: All fuel is estimated and measured to the nearest tenth of a gallon

Fuel score = (actual fuel / estimated fuel) X 100 = ____ %

NOTE: If % is over 100, subtract from 200

TOTAL SCORE: Total score % = $(\text{Fuel \%} + \text{Speed\%})/2$

(Penalties, if any, will be subtracted from total score)

X. PROTESTS

- A. Only the pilot will have the right to protest any violation of Derby rules.
- B. Protests must be filed in writing with the Judges Committee within one hour after the last aircraft has been fueled.
- C. All decisions of the Judges Committee will be final.

XI. WINNINGS

Okie Derby First Place Winner will receive 50 gallons of fuel from Sundance Airport, as well as all bragging rights to go along with it! Trophies will be awarded to the first 5 place winners (pilots and co-pilots) plus miscellaneous recognitions, such as Best Fuel Estimate, Best Time Estimate, Best 99 Pilot, Best CAP, Best OPA, and flight school (includes colleges as well as flight schools. Pilots entering from a flight school should be actively pursuing a pilot certificate/rating). A new class this year is the Amelia Earhart category, for those aircraft with basic instrumentation and steam gauges, i.e. no EFIS or electronic fuel flow. An inspection of the aircraft will be required by the judges to enter this class.

PENALTIES AND DISQUALIFICATION

PENALTIES

Taking off prior to signal	.2%
Not flying full length of runway on takeoff or fly by	.2%
Cutting another aircraft out of pattern (Dual fly-bys are permitted. Overtaking aircraft must accomplish all passing on the right side)	1.0%
Orbiting within five miles of finish line	.7%
S-turns while approaching fly-by at finish line	.4%
Failure to identify a picture or signifier	.2%

DISQUALIFICATION

Required documents incomplete	Exclusion
Flying unsafe aircraft, non-adherence to FARs	Disqualification
Failure to be visually identified at finish line	Disqualification
Flying-by at finish line the wrong direction down the runway	Disqualification

*** (If a pilot lines up the wrong way by accident, he may reenter normal flow of traffic and repeat the fly-by correctly. No penalty or disqualification will result provided the aircraft HAS NOT ENDANGERED OTHER AIRCRAFT in any of these maneuvers.)**

2021 ENTRY FORM

Entries must be received **no later than Monday, August 9, 2021**. Entries not completed on the Okiederby.com website should contact the Oklahoma Chapter of 99s via contact information at OkieDerby.com to obtain the mailing address to send entries. Entry Form must be filled out completely, with entry fee enclosed.

All entries received by **Monday; August 9, 2021** will be considered "on-time". Any entries received after **Monday; August 9, 2021** will be considered conditional. All entries must also submit a Certificate of Insurance by **Wednesday, August 11, 2021** to participate in the Okie Derby.

Okie Derby Rally Fee: \$50 per aircraft

Awards Banquet: Price of tickets yet to be determined

The undersigned hereby applies for entry to the 2021 OKIE DERBY. I enclose \$_____ which is the full entry fee for the event and/or Okie Derby Banquet. I understand that the closing date for entries is **Monday, August 9, 2021 and that all paperwork must be received no later than Saturday, August 14, 2021.**

Pilot Name _____ Co-Pilot Name _____
Phone Number _____ Phone Number _____
Cell Phone _____ Cell Phone _____
Email _____ Email _____
Address _____

I am entering the following aircraft in the 2021 OKIE DERBY:

Aircraft Make _____ Model _____ Year _____ Color(s) _____ N# _____

Predicted Ground Speed in Knots _____

* This is your proficiency speed handicap. Pilots must indicate the speed they want to utilize for their handicap for an entry to be accepted. This is the ground speed that must be averaged over the entire course. If this is your first Okie Derby, please refer to the First Time Rally Tips posted on www.okiederby.com or request your copy through registration for guidance. Any changes to your ground speed prior to the rally must be approved by the Okie Derby Board Chairman/Vice Chairman.

Total Logged Hours _____

Are you a member of the following?

_____ The 99s _____ EAA _____ Civil Air Patrol

_____ Oklahoma Pilots Association _____ **Flight School (What college or flight school do you represent?)** _____

I have flown the Okie Derby _____ times.

_____ I would like to enter in the Amelia Earhart class. The aircraft is equipped with basic instrumentation and steam gauges, i.e. no EFIS or electronic fuel flow meters.

I hereby certify that I will adhere to the 2021 OKIE DERBY Rules and Regulations, as published by the Oklahoma Chapter of the Ninety-Nines. I certify that I will accept the decision of the judges as final.

Pilot's Printed Name

Pilot's Signature

Date

Also enclosed is an optional donation to the Wings of the Future Scholarship in the amount of

_____. (The Oklahoma Chapter of 99s thank you for your support!)

INSTRUCTIONS TO FLYING PARTICIPANTS:
Have the following form completed by the insurance company which covers the aircraft you plan to use in the flying event. A signed form should be submitted to the Oklahoma chapter of 99s by **Thursday, August 12th**. This can be done by scanning and emailing the form, or by sending a copy of this form **OR the equivalent form from your insurance company** to the registration chairman. *Please note*, the Oklahoma Chapter of 99s must be named as additional insureds. Do NOT bring your insurance policy or a copy, it cannot be accepted in lieu of a certificate of insurance. A certificate issued on the insurance company's form is acceptable provided it describes or names the event, date(s) of insured's participation and the Limits of Liability and state policy has been endorsed as requested on the following form. **

2020 Okie Derby Schedule		
Friday, August 13, 2021		
Time	Event	Location
Anytime	No formal impoundment until Saturday Morning	Sundance Airport
Saturday, August 14, 2021		
6:30 AM, 7:00 AM*	Transportation from Hotel to Sundance**	
7 AM to 8:30 AM	Okie Derby Registration	Sundance
	Continental Breakfast	Sundance
8:45 AM	Pre-Rally Briefing	HSD FBO Conference Room
9:45 AM	Take Offs Begin	Ramp
1:00pm - 3:00pm*	Review Scores with contestants	Sundance Airport
2:00pm, 3:00pm*	Transportation to Hotel*	
6:30	BANQUET	TBD
Sunday Morning	Transportation to HSD from hotel, as previously arranged	
	*time subject to change	
	**As Arranged	

Thank you for your interest in the 2021 Okie Derby. We are excited to have the Derby continue this year and look forward to seeing you!

Thanks!
Oklahoma 99s