



45th Derby – August 17, 2024
Sundance Airpark (KHSD)
Information and Application Packet

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Approved by: Oklahoma Chapter of the NinetyNines, Inc.

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1. Welcome Letter

Dear Rally Applicant,

The Oklahoma Chapter of The Ninety-Nines invites you to celebrate with us at the 45th Okie Derby!

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.

To facilitate this year's registration process, we are asking you to review the enclosed entry checklist and forward all required information by the **deadline of August 12, 2024**. Below are some reminders for the 2024 Okie Derby.

- **Course Disclosure** – The course will be disclosed upon registration. Once we receive your registration packet, we will respond via email with a copy of the rally course! The sooner you register, the quicker you can get started practicing!
- **Registration** – Please visit okiederby.com to register. If you prefer to mail a registration, please contact Gail at (405) 921-7763 for the mailing address.
- **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.
- **Banquet** – On Saturday after the rally, join us for an awards banquet featuring trophies, food, and drinks.

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

Tailwinds,
The 2024 Okie Derby Board

2. Rules and Regulations

2.1. 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.

2.2. Organization

The Okie Derby will be conducted under the auspices of the Oklahoma Chapter of the NinetyNines, Inc. All contestants must abide by 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.

2.3. 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 certificated) 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.

2.4. Aircraft Specification

- a) The Derby is open to commercially certificated and experimental, fixed- and rotary-winged 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 118.0 to 136.975 MHz.

2.5. 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 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. **Planes 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. Contestants will cross the finish line as prescribed at the pre-derby briefing.
- l) Cutting of the engine before taxiing in your designated parking spot or before abeam that spot (procedure will be described in pre-derby briefing) 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 (helicopters) requiring additional idle before shutdown must be identified to Derby Chairman at the pre-derby briefing.
- m) 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.

- n) The Derby course will be measured from the center of airport symbols on current charts.
- o) 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.
- p) The decision of the Judges Committee will be final.

2.6. 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) Pilots entering under the flight school reduced entry fee category must be enrolled in a flight school program and actively pursuing a rating or qualification.
- d) 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.
- e) In the event a pilot finds she/he will have to fly an aircraft 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.
- f) 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.
- g) All Derby participants shall sign the following forms at the registration desk on Saturday:
 - a. Release and Waiver of Liability
 - b. Binding Agreement to Comply With FARs and Okie Derby 2024 Rules and Regulations

2.7. Impounding and Inspection of Aircraft

- a) Impounding will begin Saturday at 7:00 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 but may assist upon request of the pilot.

2.8. 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.

2.9. Scoring

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

2.9.1 Score Information

- a) Scores will be determined by matching each contestant's actual speed against handicap speed and fuel used against the fuel estimated, 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.
- b) 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.
- c) 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 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.
- d) 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.

2.9.2 Score Calculations

Time / Speed	
Handicap Speed (<i>estimated ground speed on application</i>)	_____ kts
Official Distance (<i>provided by Judges</i>)	_____ nm
Par Time $\frac{\text{Distance}}{\text{Handicap Speed}} \times \frac{3,600 \text{ Seconds}}{\text{Hour}}$	_____ sec
Actual Elapsed Time (<i>seconds</i>)	_____ sec
Calculated Speed $\frac{\text{Distance}}{\text{Actual Time (Seconds)}} \times \frac{3,600 \text{ Seconds}}{\text{Hour}}$	_____ kts
Speed Score* $\frac{\text{Calculated Speed}}{\text{Handicap Speed}} \times 100$	_____ %
<i>*Note: If % is over 100, subtract from 200</i>	

Fuel	
Estimated Fuel (<i>provide to the tenth of a gallon</i>)	_____ gal
Actual Fuel (<i>measured to the tenth of a gallon upon refuel</i>)	_____ gal
Fuel Score* $\frac{\text{Actual Fuel}}{\text{Estimated Fuel}} \times 100$	_____ %
<i>*Note: If % is over 100, subtract from 200</i>	

Total Score	
Speed Score	_____ %
Fuel Score	_____ %
Score $\frac{\text{Speed Score} + \text{Fuel Score}}{2}$	_____ %
Penalties (<i>assessed by Judges</i>)	_____ %
Total Score (<i>Score – Penalties</i>)	_____ %

2.10. 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.**

2.11. Winnings

- a) 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!
- b) Trophies will be awarded to the first 3 place winners (pilots and co-pilots) plus miscellaneous recognitions, such as Best Fuel Estimate, Best Time Estimate, Best 99 Pilot, Best Civil Air Patrol Pilot, Best Oklahoma Pilots' Association Pilot, and Best Flight School Pilot (includes colleges as well as flight schools. Pilots entering from a flight school should be actively pursuing a pilot certificate/rating).
- c) The miscellaneous category trophies will only be awarded if there are at least two entries per category.
- d) Also, 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.

2.12. Penalties and Disqualification

2.12.3 Penalties

All penalties are taken off the total score.

Taking off prior to signal	0.2%
Not flying full length of runway on takeoff or fly by	0.2%
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	0.7%
S-turns while approaching fly-by at finish line	0.4%
Failure to identify a picture or signifier	0.2%

2.12.4 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 (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.)	Disqualification

3. Entry Form

Entries must be received no later than **Monday, August 12, 2024**. Entries may be submitted entirely at OkieDerby.com or filled out below and mailed. Contact Gail at (405) 921-7763 for the mailing address if required. Any entries submitted after Monday, August 12, 2024 should be considered conditional until confirmed.

OKIE DERBY 2024 ENTRY FORM

The following fees are enclosed:

\$55 Standard Event Fee (per aircraft)

OR

\$45 Student Event Fee (per aircraft, applicable only for entries from a flight school where the pilot is actively pursuing a new certification or rating)

\$25 Banquet Fee (optional, per attendee) x _____ (# of attendees)

Optional \$ _____ donation to the Wings of the Future Scholarship (The Oklahoma Chapter of the 99s thanks you for your support.)

Total Enclosed: _____

PILOT	
Name	
Phone Number	
Email	
Address	
Total Hours	
Member of	<input type="checkbox"/> The 99s <input type="checkbox"/> EAA <input type="checkbox"/> Civil Air Patrol <input type="checkbox"/> Oklahoma Pilots Association <input type="checkbox"/> Flight School _____ <input type="checkbox"/> College _____
# of Previous Derbies Flown	

COPILOT	
Name	
Phone Number	
Email	
Address	

AIRCRAFT	
Make	
Model	
Year	
Color(s)	
N#	

Predicted Ground Speed in Knots _____

This is your proficiency speed handicap (your expected average speed over the entire course), and it must be included for an entry to be accepted. Refer to the Rules and Regulations for additional information. Any changes to your ground speed prior to the rally must be approved by the Okie Derby Board Chairman/Vice Chairman.

I hereby apply for entry into the Okie Derby 2024 event being held on 17 August, 2024. I certify that I will adhere to the Okie Derby 2024 Rules and Regulations, and that I will accept the decision of the judges as final.

Pilot's Printed Name

Pilot's Signature

Date

4. Insurance Certificate Requirements

The following form must be completed by the insurance company which covers the aircraft that will be used in the flying event and submitted prior to the event. Submissions can be made by emailing the scanned form to the Okie Derby Committee or by mail. Contact Gail at (405) 921-7763 for the mailing address if required. Please note, the Oklahoma Chapter of 99s must be named as additional insureds. **Do not bring your insurance policy or a copy as 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 below.**

CERTIFICATE OF INSURANCE

This is to certify to the OKLAHOMA CHAPTER OF THE NINETY-NINES, INC., 116 Jackson Ave., Weatherford, OK, 73096 that Policy No. _____ has been issued for period from _____ to _____
(Policy Effective Dates)

TO: Name (Aircraft Owner / Insured) _____
 Address _____

Covering in accordance with the terms and conditions thereof, the following aircraft:

Make _____ Model _____ Registration # N _____

****ADDITIONAL INSUREDS:** This policy has been endorsed to include The Ninety-Nines, Inc. and the Oklahoma Chapter as additional insureds as respect to chapter-sponsored flying event(s), for aircraft liability coverage as indicated below.

TYPE OF COVERAGE	NOTES	MINIMUM LIMITS OF LIABILITY	AMOUNT
AIRCRAFT LIABILITY	<input type="checkbox"/> a. Bodily Injury (Excluding Passengers) b. Passenger Bodily Injury \$100,000 (multiplied by the number of certificated passenger seats in aircraft) c. Property Damage <p style="text-align: center;">OR</p>	a. \$100,000 each person b. \$300,000 each occurrence c. \$100,000 each accident <p style="text-align: center;">OR</p>	
	<input type="checkbox"/> Single Limit Bodily Injury (including passengers, passenger sub-limit at least \$100,000) and Property Damage	\$500,000 each occurrence or accident	
AIRCRAFT PHYSICAL DAMAGE	Optional Hull - All Risks, Not in Motion, In Motion, In Flight	Optional, No minimum	

This insurance is in full force and effect with respect to liability arising out of the use of the aircraft in connection with the flying event described as: THE OKIE DERBY to be conducted by the OKLAHOMA CHAPTER OF THE NINETY NINES, INC. on/or about AUGUST 17, 2024.

It is the intention of the Company that in the event of cancellation of the policy by the Company, ten (10) day's written notice of such cancellation will be given to you at the address stated above.

_____ By _____ Date _____
Name of Insurance Company Insurance Company Representative

5. Schedule of Events – August 16-17, 2024

Time	Event	Location
	Friday, August 16, 2024	
Any	Arrive (formal impoundment remains Saturday morning)	Sundance Airport (KHSD)
	Saturday, August 17, 2024	
7:00 – 8:30 AM	Okie Derby Check-in	Sundance Airport (KHSD) FBO Lobby
7:00 – 8:30 AM	Continental Breakfast	KHSD FBO Lobby
8:45 AM	Pre-Rally Briefing	KHSD FBO Lobby
9:30 AM	Take Offs Begin	KHSD Ramp
11:00 AM	Lunch (provided by 99s)	KHSD Hangar
6:00 PM	Attitude Adjustment	TBD
6:30 PM	Awards Banquet	TBD