

Rio Colorado Chapter of the NINETY-NINES, Inc

RACE KIT

RIO COLORADO AIR DERBY

“RIVERS TO RIDGES,  
DESERT ‘N’ BRIDGES”



March 27, 2010

Lake Havasu Municipal Airport (HII)

# RIO COLORADO AIR DERBY RULES AND REGULATIONS

## I. RACE DEFINITION

A cross-country speed race of approximately 250 statute miles for single or multi-engine airplanes to be flown during daylight hours under VFR conditions and scored on a handicap system.

## II. ORGANIZATION

The Rio Colorado Air Derby will be conducted under the auspices of the Rio Colorado Ninety-Nines, Inc. (99's). All contestants must abide by the Rules and Regulations herein set forth, and the FARs. Violations of any Rule or Regulation or FAR constitutes disqualification from the Derby. Emphasis is placed on safety and fairness to each contestant and airplane.

## III. PILOT QUALIFICATION

Operation of airplanes is open to all licensed pilots, WOMEN and MEN, Private Pilot rating or higher, with current BFR and Medical, as well as recency of experience required by FAR 61.57 as applicable.

## IV. AIRCRAFT SPECIFICATIONS

A.1. To compete in the race, aircraft are limited to FAA certified airplanes. Handicap for your airplane is listed under aircraft make and model on our website <http://www.riocolorado99s.org>.

A.2. Any aircraft may be disallowed entry by the Race Committee that is considered unsafe to the entrant or to the overall safety standards established to protect the other race entrants.

B. Airplanes must have a current annual inspection. All airplanes must have proper entries in their logbooks. All aircraft and equipment must conform to FAA Type Certificate Data Sheets and/or Manufacturer's Equipment Listings. All FAA required paperwork, e.g., log books, Form 337's, aircraft equipment list, etc., must be available for inspection at impound. All airplanes will be inspected upon impounding.

C. Airplanes must have communication capabilities that meet current FAA requirements.

## V. OPERATION OF THE RACE

A. Visual Flight Rules will prevail. Instrument flight is prohibited and constitutes disqualification from the Derby.

B. Current Sectionals or WACS's for the race route will be the responsibility of the pilot-in command. Los Angeles and Phoenix Sectional will be used.

C. Starting, taxiing and takeoff sequences will be at the direction of the Official Starters by number.

D. All airplanes must leave the starting line with all fuel tanks (excluding auxiliary tanks) full, except for fuel used during runup. Pilots will be responsible for topping off plane before race. Tanks will be inspected during impound.

E. Official times will be clocked by Official Timers when the aircraft crosses a timing line.

F. After the fly-by at the finish, aircraft will enter the pattern as soon as safety permits and land.

G. All contestants will cross the timing lines as prescribed at the Pre-Race Briefing. Failure to fly a timing line properly shall result in a 3 KT penalty, i.e., ground speed will be decreased by 3 KT from the leg score, resulting in a 3 KT decrease in final score.

H. Sufficient time will be allowed for all airplanes under normal conditions, to finish the race course. Terminus deadline will be specified at the pre-race briefing. The Race Committee has the option to extend the deadline due to unusual circumstances.

I. All fly-bys must be flown as prescribed by the Briefing Official at the Pre-Race Briefing. A missed fly-by constitutes a disqualification.

J. Any infraction of the FAR's will result in penalties and/or disqualification.

## VI. SCORING

A. Scores will be compiled by the official Scorer that is appointed by the Race Committee. Assigned handicaps and scoring method herewith will determine contestants' standings.

B. Speed will be computed in knots and distance in nautical miles. Distance will be measured from the center of the airport symbols on current charts.

**NOTE:** THE OBJECT OF THIS DERBY IS TO DEMONSTRATE THE PRECISE FLYING ABILITY OF THE CONTESTANTS TO FLY A CROSS-COUNTRY COURSE IN SUCH A MANNER AS TO BETTER THEIR PAR SPEED (HANDICAP).

Scoring Example:  $\frac{\text{Distance of course (nautical miles)} \times 3600 \text{ sec/hour}}{\text{Actual Elapsed time (sec)}} = \text{Speed}$

## VII. AWARDS

The presentation of trophies/awards will be made after lunch.

**Rio Colorado Air Derby  
Instruction Sheet  
March 27, 2010 10:00 a.m.**

Lake Havasu Municipal Airport  
Sponsored by Rio Colorado Chapter Ninety-Nines, Inc.

Mail Entry to: Tookie Hensley  
7898 Mockingbird Dr. Mohave Valley, AZ 86440

Postmarked: **No later than March 15, 2010**

Starting Numbers will be assigned by race officials upon submission of the following:

1. One legible copy of the APPLICATION FOR ENTRY.
2. One legible copy of the CERTIFICATE OF INSURANCE.
3. One legible copy of the RELEASE FORM.
4. Two legible copies of the PILOT INFORMATION FORM.
5. A check payable to "Rio Colorado 99's" as follows:
  - Airplane entry registration Fee \$100.00
  - Pilot and one passenger (or co-pilot) \$75.00
  - Each additional passenger \$10.00

The Rio Colorado Air Derby is sponsored by the Rio Colorado 99s and will raise funds for aviation education programs and projects to promote general aviation in the Tri-State area.

The derby route will be sent with an Entry Kit upon submission of the application forms and fees.

**Documents required on the day of the Derby:**

- 1 ANNUAL INSPECTION AND REQUIRED DOCUMENT RECORD form.
- 2 ALL AIRPLANE LOGBOOKS
- 3 VALID PILOT CERTIFICATE
- 4 VALID MEDICAL CERTIFICATE
- 5 CURRENT BFR

Rio Colorado Air Derby  
7898 Mockingbird Lane  
Mohave Valley AZ 86440

Tel # (928) 768-4806  
Fax # (928) 346-8360

## Application for Entry-to be mailed

**Entries must be received by March 13, 2010.** All forms must be filled out completely and mailed with the entry fee of \$75.00 which includes pilot and crew member, along with airplane registration fee of \$100.00 Additional team members are \$10.00 per person.

### PILOT INFORMATION

Last Name	Middle I.	First
Street Address	City/State/Zip	Telephone
FAA Certificate #-Grade	Date of Biennial	Class and Date of Physical
Hours Total/X-Country, Pilot in command		Are You Instrument rated?
Emergency contact: Name	Address	Telephone

### COPILOT INFORMATION

Last name	Middle I.	First
Street Address	City/State/Zip	Telephone
FAA Certificate # Grade	Date of Biennial	Class& Date of Physical
Hours Total/X-Country, Pilot in Command		Are you Instrument Rated?
Emergency contact: Name	Address	Telephone

### AIRCRAFT INFORMATION

Aircraft Make	Model	Year	Registration # (Tail #)
Serial #	Color		Fuel Capacity
Engine Make	Model	Serial #	Takeoff Hp
Twin Second Engine	Model		Serial #
Aircraft Owner Name	Address		Telephone #

# Rio Colorado Air Derby CERTIFICATE OF INSURANCE

INSTRUCTIONS to Flying Participants: Have this form completed by the insurance company which covers the aircraft you plan to use in the Rio Colorado Air Derby. Send photocopy with application and bring signed form to the event. 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 Cactus Air Derby and date(s) of insured's participation and the limits of liability, and policy information requested below.

This is to certify to : THE NINETY-NINES, INC., RIO COLORADO CHAPTER that Policy No. \_\_\_\_\_ has been issued for the period of: (policy effective dates) \_\_\_/\_\_\_/2010 through \_\_\_/\_\_\_/2010

TO: Name \_\_\_\_\_

(Aircraft Owner/Insured)

Address: \_\_\_\_\_

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

		N _____
Make	Model	Registration

TYPE OF COVERAGE	LIMITS OF LIABILITY THAN	NOT LESS
1. AIRCRAFT LIABILITY Bodily Injury A. (Excluding Passengers)	\$100,000. Each person \$300,000. Each occurrence	Each
Passenger Bodily Injury \$100,000 multiplied by the number of certificated passenger seats in aircraft	\$100,000. Each person \$_____ Each occurrence	Each
Property Damage	\$100,000 Each accident	
OR B. Single Limit Bodily Injury, including Property Damage or accident	\$500,000 each occurrence	Passenger, and
2. AIRCRAFT PHYSICAL DAMAGE (Hull optional) All Risk Hull, In Motion/ In flight	Amount of Insurance \$ _____	

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 Rio Colorado Air Derby to be conducted by the RIO COLORADO CHAPTER of THE NINETY-NINES, INC. on or about March 27, 2010.

It is agreed that in the event of cancellation of this policy or policies, the insurance company agrees to give ten (10) days written notice of such cancellation to the NINETY-NINES, INC at the following address: RIO COLORADO NINETY-NINES, INC. C/O TOOKIE HENSLEY 7898 Mockingbird Dr. Mohave Valley, AZ 86440

\_\_\_\_\_  
Name of Insurance Company Insurance Company Representative

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Telephone Number Date

## Rio Colorado Air Derby RELEASE FORM

In making this application for entry in the Rio Colorado Air Derby, I hereby release the Rio Colorado Chapter of the Ninety-Nines, Inc, D-2 Aero, Desert Skies Aviation, Lake Havasu Municipal Airport, and all others connected with the race from any and all liability in case of accident or injury before, during and after the derby and agree to save said organizations (or persons) harmless from any claim against them or any of them arising directly or indirectly through my participation or the participation of any persons in my aircraft in the derby.

I hereby certify that the airplane that I shall use in this race meets the specifications as stated in the Rio Colorado Air Derby Rules and Regulations.

I hereby agree to be bound by the Rules and Regulations, which I have read and which are incorporated as terms and conditions of my participation in this race. I further agree to be bound by any and all changes in or by the proper derby authorities and communicated to me prior to the start of the derby. I further understand that I may be eliminated from the derby at any time, before, during or after the race for any reason deemed sufficient by the Derby Committee.

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Pilot's Signature /Date

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Pilot's Printed Name

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Co-Pilot or Observers' Signature/Date

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Co-Pilot or Observers' Printed Name

INSPECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**RIO COLORADO AIR DERBY  
PILOT INFORMATION FORM  
(SEND 2 LEGIBLE COPIES)**

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**Pilot Name** \_\_\_\_\_ **Phone** \_\_\_\_\_

**Address** \_\_\_\_\_

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**INSURANCE INFORMATION:**

**Insurance Company Name** \_\_\_\_\_

**Policy # and effective through dates** \_\_\_\_\_

**Coverage/Liability limits** \_\_\_\_\_

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**Passenger Information:**

**Passenger Name** \_\_\_\_\_

**Is passenger a private pilot? Yes No**

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**Approximate arrival time for the Day of the Race** \_\_\_\_\_

**RIO COLORADO AIR DERBY  
LAKE HAVASU MUNICIPAL (HII)  
Sponsored by- Rio Colorado 99s**

**MAIL ENTRY TO:**           **TOOKIE'S FLYING SERVICE**  
                                  **7898 Mockingbird Lane**  
                                  **MOHAVE VALLEY, AZ 86440**

**POSTMARKED:**           **NO LATER THAN MARCH 13<sup>TH</sup>, 2010**

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**A COMPLETE ENTRY MUST CONTAIN**

YOU WILL RECEIVE YOUR ASSIGNMENT FOR STARTING, NUMBERS WILL BE ASSIGNED UPON SUBMISSION OF THE FOLLOWING:

1. Two Legible copies of the Airplane Entry Record
  2. Two Legible copies of the Pilot Information Form
  3. A check payable to "Rio Colorado 99s" as follows:
    - Airplane registration fee: \$100.00
    - Pilot and one passenger (or co-pilot) \$75.00
    - Each additional passenger \$10.00
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The RIO COLORADO AIR DERBY is sponsored by the Rio Colorado 99s and will raise funds for air scholarships, safety programs, and educational programs and projects in the tri-state area.

The Derby route and Race Number will be disclosed to each pilot upon receipt of the application forms and fees.

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**DOCUMENTS REQUIRED ON THE DAY OF THE RACE:**

1. Certificate of Airworthiness for your airplane.
2. Proof of Insurance
3. All airplane log books(proof of annual inspection)
4. Valid Private Pilot License or Student Pilot Certificate
5. RIO COLORADO AIR DERBY – ASSIGNED START TIME

Rio Colorado Air Derby  
**ANNUAL INSPECTION AND REQUIRED DOCUMENT RECORD**

Pilot: \_\_\_\_\_ Entry No.: \_\_\_\_\_

Airplane Owner: \_\_\_\_\_ Phone: \_\_\_\_ (\_\_\_\_) \_\_\_\_\_

Address: \_\_\_\_\_

To the race entrant: In order to race, the airplane entered must meet the requirements of Rio Colorado Air Derby rules. The checklist below is to help you determine that your airplane and the required documents are up-to-date and valid before arrival at Lake Havasu (KHII)

NOTE: Items 1 through 5 should be completed by an Authorized Inspector (an FAA Certified Mechanic holding an Inspection Authorization issued by the FAA in accordance with FAR Part 65) on the airplane to be flown in the Derby.

AIRPLANE: \_\_\_\_\_ Make  
Model S/N Registration No.

1. Annual Inspection Current through March 2010 Date \_\_\_\_\_ Tach  
\_\_\_\_\_ Verification of Logbook \_\_\_\_\_ (logbooks must be presented  
at Start  
Inspection.)
2. All AD's individually signed off in logbooks \_\_\_\_\_ (The phrase "All prior  
AD's complied with" will **NOT** be acceptable)
3. **NO** modifications which would disqualify airplane
4. **Required Documents:** Airworthiness Certificate \_\_\_\_\_  
Registration Certificate \_\_\_\_\_ Current FAA Approved Flight  
Manual \_\_\_\_\_ Or FAA Approved Placarding  
\_\_\_\_\_ Weight & Balance date  
\_\_\_\_\_ Repair & Alteration, FAA Form 337  
\_\_\_\_\_ Radio Station License (or application)  
\_\_\_\_\_
  
5. Operational Strobe or rotating beacon \_\_\_\_\_ Landing  
lights \_\_\_\_\_ Navigation lights  
\_\_\_\_\_ ELT \_\_\_\_\_

AUTHORIZED INSPECTOR: \_\_\_\_\_ AI# \_\_\_\_\_

DATE: \_\_\_\_\_ PHONE: \_\_\_\_ (\_\_\_\_) \_\_\_\_\_

IMPORTANT – BEFORE arriving for Inspection at Start – make sure:

- 1 Fuel Tanks are full
- 2 Tiedowns are in airplane
- 3 Insurance form completed and in airplane
- 4 Race number properly affixed to airplane (#Size 18" x 3" on both sides)
- 5 Required Documents are in airplane

**BRING TO START- DO NOT MAIL**

RIO COLORADO AIR DERBY  
SPONSORED BY RIO COLORADO 99S

AIRPLANE ENTRY RECORD  
(SEND 2 LEGIBLE COPIES)

PILOT NAME \_\_\_\_\_

ENTRY NO. (If assigned) \_\_\_\_\_

All applicable questions below must be completed in order to receive your race #	Contestant complete below	Leave Blank will be completed by CAR officials.		
		HQ	Start	Terminus
1. Airplane Make & Model				
2. Year				
3. Registration#				
4. Serial#				
5. Wheel Fairings & Strut Cuffs				
6. Gas Tanks-No. & Total capacity				
7. Aircraft specification and type certificate date sheet #				
<b>8. Airplane color</b>				
9. Engine Make				
10. Engine Model				
11. Serial #(s)				
12. Takeoff HP				
<b>13. Magneto Timing</b>				
14. Propeller Make				
15. Hub Model#				
16. Hub Serial#(s)				
17. Blade Model				
18. Blade Serial#(s)				
19. Diameter				
20. Pitch				
<b>21. Static RPM(must submit)</b>				
22. Supplemental Type Certificate Aircraft Company that owns				
If applicable, you must submit a copy of the STD with this form.				
Engine Number				
Date				

Circle YES or NO

- |                       |     |    |
|-----------------------|-----|----|
| 23. Oxygen            | YES | NO |
| 24. Enclosed Antannae | YES | NO |
| 25 Radio Equipment    |     |    |
| a. VHF radios         | YES | NO |
| b. ADF                | YES | NO |
| c. Transponder        | YES | NO |