

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

The Great Reno Balloon Race, Inc.  
Responsible Person: Pete Copeland, Executive Director

ADDRESS

P.O. Box 12695  
Reno, Nevada 89510 (775) 742-9385

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Hot air balloon mass ascensions within a five (5) mile radius of the Rancho San Rafael Park, Reno, Nevada (39°32'52"N, 119°49'45"W) with a maximum of 10,000 feet mean sea level (MSL)

This waiver is not valid until there is full compliance with all applicable sections of the attached Special Provisions and the Great Reno Balloon Race Operations Manual dated April 1, 2021.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR 91.119(b), 91.119(c), 91.130(a), 91.130(c), 91.130(d) See Attachment A

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE---This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 14 inclusive, are set forth on the reverse side hereof. "See Attached" ☒

This certificate is effective from September 9, 2021 to September 12, 2021, inclusive, and is subject to cancellation at any time upon notice by the Administrator or his authorized representative. See Attachment B to See Attachment B

BY DIRECTION OF THE ADMINISTRATOR

AFG200-RNO-WP11

(Region)

9/8/2021

(Date)

Wyatt E. Seeger

(Signature)

Manager

Reno Flight Standards District Office

(Title)

**THE GREAT RENO BALLOON RACE**  
**Rancho San Rafael Park**  
**Reno, Nevada**  
**Thursday, September 9, 2021 thru Sunday, September 12, 2021**  
**Special Provisions**

1. The Federal Aviation Administration (FAA) has the authority to cancel or delay any or all events if the safety of persons or property on the ground or in the air, are in jeopardy, or there is a violation of the terms of the Certificate of Waiver.
2. The responsible person Pete Copeland, Executive Director or Aaron Dieringer, Launch Commander will ensure that notification is made to the Leidos Flight Service Station (AFSS) 1-877-487-6867 of the date, time, place, demonstration areas, altitudes, nature of the activity, and duration of the operation and request that a Notice to Airmen (NOTAM D) be issued.
  - a. Such notice shall be accomplished by providing the controlling flight service station with a copy of the Certificate of Waiver at least 48 hours before the event and no more than 72 hours before the event.
3. The responsible person Pete Copeland, Executive Director and Aaron Dieringer, Launch Commander, must ensure that participants are thoroughly briefed on special field rules, the established demonstration area, flying display area, target areas, manner and order of events and Special Provisions of the Certificate of Waiver before beginning the activities each day.
  - a. No person may participate in any event listed on the Certificate of Waiver unless that person has signed a statement stating that they have received a briefing on the provisions of the Certificate of Waiver.
4. All civil aircraft and pilots participating in The Great Reno Balloon Race shall provide the requested data to establish qualifications and airworthiness to the event organizer and if required be available for FAA inspection at the time and place agreed upon by the responsible person, Pete Copeland, Executive Director or Aaron Dieringer, Launch Commander and the FAA IIC.

**Note:** Certificate of Waiver special provisions never supersede aircraft airworthiness operating limitations. Pilot should review their aircraft operating limitations prior to participating in an aviation event to ensure they are familiar and comply with the requirements as specified.



5. A control point shall be established where the certificate holder or representative shall direct the demonstration. This person Aaron Dieringer, Launch Commander, shall be continuously available to the FAA IIC or designated representative and is the person designated as responsible for the overall safety of the event.
6. Adequate communication capability (electronic and visual) must be provided to maintain a safe operation, to control spectators and to advise participants that the aerial demonstration has been halted or canceled.
7. The mass ascension shall be halted for any reason that is in the interest of safety. It shall also be halted when unauthorized aircraft enter the mass ascension area.
  - a. The holder of the Certificate of Waiver and responsible person assumes responsibility for the security of areas where unauthorized personnel and aircraft are not authorized access and for compliance with the Emergency Response plan in Attachment #2.
  - b. The FAA IIC has the responsibility to make the holder of the Certificate of Waiver and responsible person aware of any identified safety concerns and if necessary has the authority for canceling or delaying any or all acts if it is deemed necessary in the interest of safety.
8. The following facilities shall be provided and readily available in accordance with the submitted Emergency Response Plan at the demonstration site. List the emergency and medical equipment or personnel that the responsible person and the FAA IIC have agreed are needed, and included in the Emergency Response Plan in attachment #2.

Fire Truck      Emergency Medical Technicians      Crash Wagon
9. Persons or aircraft not appearing on the Certificate of Waiver or Authorization application and subsequently added to the Certificate of Waiver may not participate without specific approval of Aaron Dieringer, Launch Commander. Aaron Dieringer, Launch Commander, will notify the FAA IIC by the most expeditious means of any change made. Proof of appropriate qualifications for crewmember(s), and an airworthy aircraft is required before the performance can be conducted at that event site.
10. Unmanned Aerial Systems (UAS) Demonstrations are not authorized under this Certificate of Waiver.
11. 14 CFR §91.119(b) and (c) are waived to the extent necessary to allow participating balloons to participate in The Great Reno Balloon Race under the terms and conditions set forth in the Federal Aviation Administration approved procedures section of the Great Reno Balloon Race Operations Manual.
12. The Great Reno Balloon Race Operations Manual dated April 1, 2021, is incorporated into this Certificate of Waiver and becomes a special provision thereof. Any action

contrary to the terms, controls, procedures and conditions pertaining to safety set forth in the FAA approved procedures is grounds for cancellation of this waiver.

13. Pete Copeland, Executive Director or Aaron Dieringer, Launch Commander shall ensure that each participating event crewmember has read and understands the FAA approved procedures section of The Great Reno Balloon Race Operations Manual dated April 1, 2021, and the special provisions of this Certificate of Waiver.

14. Aircraft conducting flyby will:

1. Contact Reno Tower on 118.7 prior to entering Class C Surface Area.
2. All flyover pilots will submit a plan of action to the FAA IIC prior to the event.
3. All flyover pilots will possess an unexpired formation flight card.
4. All flyover pilots will submit a list of their names, pilot certificate numbers and class of certificate prior to the event.
5. Flyover should be conducted at 1,000 feet above the highest obstacle within 2,000 feet horizontal from flight path. All flyovers must be conducted in accordance with 14 CFR Part 91.

Failure to comply with any standard or special provisions is a violation of the terms of this Certificate of Waiver or Certificate of Authorization and justification for cancellation of this Certificate and constitutes a violation of Title 49 of the United States Code Section(s) 44711 (a)(2)(B) and/or 44711 (a)(5).

# THE GREAT RENO BALLOON RACE

## ATTACHMENT A

### List of Waived Regulations by Section and Title

#### Title 14 Code of Federal Regulations (14 CFR) §91.119(b) (c) Section and Title

**14 CFR §91.119(b) – *Minimum Safe Altitudes Over Congested Areas***, is waived to the extent necessary to allow balloon flight over any congested area(s) of a city, town or settlement or over an open air assembly of persons at an altitude of 500 feet above the highest obstacle within a horizontal radius of 500 feet of the balloon within a five (5) mile radius of the San Rafael Park Balloon Launch Area under the terms and conditions set forth in the FAA approved procedures section of the Operations Manual.

**NOTE:** Launching a balloon during the balloon race anywhere in, into or over a congested area(s) or an open air assembly of persons shall require the pilot to be in a continuous normal rate of climb until an altitude of 500 feet is attained above the highest obstacle within a horizontal radius of 500 feet of the balloon.

In addition, 14 CFR §91.119(b) is also waived to allow flight over, but no closer than 75 feet to, persons in the designated spectator area(s) which are under the direct control of the Great Reno Balloon Race.

Regarding the 75 foot rule, the balloon must have attained a state of altitude equilibrium at this 75 foot minimum altitude and not be descending below 75 feet while crossing over the designated spectator area(s). **In addition, landings into the designated spectator area(s) are not authorized.**

**14 CFR §91.119 (c) – *Minimum Safe Altitudes Over Other Than Congested Areas***, is waived to the extent necessary to allow flight over open water or sparsely populated areas no closer than 200 feet to any person, vessel, vehicle or structure under the terms and conditions set forth in the FAA approved procedures section of the Operations Manual.

**\*Maximum altitude for flight operations in this event will be 10,000 feet Mean Sea Level (MSL).**



**Title 14 Code of Federal Regulations (14 CFR) §91.130(a)(c)(d) Section and Title**

**14 CFR §91.130 (a) – Operations in Class C Airspace - General.** Unless otherwise authorized by ATC, each aircraft operation in Class C airspace must be conducted in compliance with this section and Sec. 91.129. For the purpose of this section, the primary airport is the airport for which the Class C airspace area is designated.

**NOTE:** The Reno ATCT or FAA IIC briefs the pilots each morning before the event about Class C Airspace operation.

**14 CFR §91.130 (c) - Operations in Class C Airspace - Communications.** Each person operating an aircraft in Class C airspace must meet the following two-way radio communications requirements:

(1) *Arrival or through flight.* Each person must establish two-way radio communications with the ATC facility (including foreign ATC in the case of foreign airspace designated in the United States) providing air traffic services prior to entering that airspace and thereafter maintain those communications while within that airspace.

(2) *Departing flight.* Each person--

(i) From the primary airport or satellite airport with an operating control tower must establish and maintain two-way radio communications with the control tower, and thereafter as instructed by ATC while operating in the Class C airspace area; or

(ii) From a satellite airport without an operating control tower, must establish and maintain two-way radio communications with the ATC facility having jurisdiction over the Class C airspace area as soon as practicable after departing.

**NOTE:** The Reno ATCT or FAA IIC briefs the pilots each morning about communication with the Reno ATCT in the event of entering Class C airspace. In addition, 14 CFR §91.130(c) and (d) is also waived to allow flight into Reno Class C airspace without establishing two way radio communications and without having the equipment requirements of 91.215.

**14 CFR §91.130 (d) - Operations in Class C Airspace - Equipment Requirements.**

Unless otherwise authorized by the ATC having jurisdiction over the Class C airspace area, no person may operate an aircraft within a Class C airspace area designated for

an airport unless that aircraft is equipped with the applicable equipment specified in Sec. 91.215.

**NOTE:** The Reno FSDO - Reno and ATCT do not require the Balloon's to have this type of equipment during this event. In addition, 14 CFR §91.130(c) and (d) is also waived to allow flight into Reno Class C airspace without establishing two way radio communications and without having the equipment requirements of §91.215.

**Helicopter and/or Fixed Wing Aircraft involved in any flyover during this waived event will not be authorized these waived Code of Federal Regulations (CFR). The Helicopters and/or and Fixed Wing Aircraft must comply with 14 CFR Part 91.**

# **THE GREAT RENO BALLOON RACE**

## **EFFECTIVE WAIVER DATES AND TIMES**

<b>DATE</b>	<b>TIMES</b>
SEPTEMBER 9, 2021	6:30 am to 10:30 am UTC - 7
SEPTEMBER 10, 2021	6:30 am to 10:30 am UTC - 7
SEPTEMBER 11, 2021	5:30 am to 10:30 am UTC - 7
SEPTEMBER 12, 2021	5:30 am to 10:30 am UTC - 7





US Department of Transportation  
Federal Aviation Administration

# APPLICATION FOR CERTIFICATE OF WAIVER OR AUTHORIZATION

From Approved: O.M.B. No.2120-0027 01/31/2021

## APPLICANTS - DO NOT USE THESE SPACES

Regi Date  
**AFG200-RNO-WP11** 67-06-2021

Action  
☒ Approved ☐ Disapproved - "Explain under "Remarks"

Signature of authorized FAA representative  
*Paul Burk, ASI*

## INSTRUCTIONS

Submit this application in triplicate (3) to any FAA Flight Standards district office.

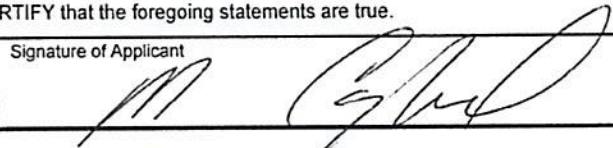
Applicants requesting a Certificate of Waiver or Authorization for an aviation event must complete all the applicable items on this form and attach a properly marked 7.5 series Topographic Quadrangle Map(s), published by the U.S. Geological Survey (scale 1:24,000), of the proposed operating area. The map(s) must include scale depictions of the flightlines, showlines, race courses, and the location of the air event control point, Police dispatch, ambulance, and fire

fighting equipment. The applicant may also wish to submit photographs and scale diagrams as supplemental material to assist in the FAA's evaluation of a particular site.

Application for a Certificate of Waiver or Authorization must be submitted 45 days prior to the requested date of the event.

Applicants requesting a Certificate of Waiver or Authorization for activities other than an aviation event will complete items 1 through 10 only and the certification, item 17, on the reverse.

1. Name of organization <b>The Great Reno Balloon Race</b>		2. Name of responsible person <b>Pete Copeland, Executive Director</b>		
3. Permanent mailing address	House number and street or route number <b>P O Box 12695</b>	City <b>Reno</b>	State and ZIP code <b>NV 89510</b>	Telephone No. <b>775-742-9385</b>
4. State whether the applicant or any of its principal officers/owners has an application for waiver pending at any other office of the FAA. <b>N/A</b>				
5. State whether the applicant or any of its principal officers/owners has ever had its application for waiver denied, or whether the FAA has ever withdrawn a waiver from the applicant or any of its principal officers/owners. <b>N/A</b>				
6. FAR section and number to be waived <b>14 CFR 91.119(b), 91.119(c), 91.130(a), 91.130(c) and 91.130(d)</b>				
7. Detailed description of proposed operation (Attach supplement if needed) <b>Hot air balloon rally, with approximately 100 participating balloons. Operations to include mass ascensions, Hare &amp; Hound task, Judge Declared Goal task, Minimum Distance Double Drop task, Maximum Distance Double Drop task, Calculated Rate of Approach task, and Gordon Bennett Memorial task. Specific tasks called based on current weather conditions each flight. Aircraft in formation will make two passes over the launch field each day.</b>				
8. Area of operation (Location, altitudes, etc.) <b>Within 5 mile radius of Rancho San Rafael Park centered at approx. 39 degrees 32 minutes 52 seconds N, 119 degrees 49 minutes 45 seconds W. Altitudes over target and spectator area vary. see Operations Manual</b>				
9a. Beginning (Date and hour) <b>09/09/2021 05:30:00</b>		b. Ending (Date and hour) <b>09/12/2021 10:30:00</b>		
10. Aircraft make and model (a)	Pilot's Name (b)	Certificate number and rating (c)	Home address (Street, City, State) (d)	
See Remarks				

▶ <b>ITEMS 11 THROUGH 16 TO BE FILLED OUT FOR AIR SHOW/AIR RACE WAIVER REQUESTS ONLY.</b>				
11. The air event will be sponsored by:				
12. Permanent mailing address	House number and street or route number P O Box 12695	City Reno	State and ZIP code NV 89510	Telephone No. 775-742-9385
13. Policing (Describe provisions to be made for policing the event.) Documentation of pilot qualifications and balloon airworthiness as verified by FAA on request. Launch controlled by Launch directors. Crowd control by Northern Nevada Search & Rescue. Launch site security by Washoe County Parks Department and Washoe County Sheriff's Posse.				
14. Emergency facilities (Mark all that will be available at time and place of air event.)				
<input type="checkbox"/> Physician <input checked="" type="checkbox"/> Fire truck <input checked="" type="checkbox"/> Other - Specify <u>see Emergency Procedures Section</u> <input type="checkbox"/> Ambulance <input checked="" type="checkbox"/> Crash wagon <u>in the Ooperation Manual</u>				
15. Air Traffic control (Describe method of controlling traffic, including provision for arrival and departure of scheduled aircraft.)				
16. Schedule of Events (include arrival and departure of scheduled aircraft and other periods the airport maybe open.)				
Hour (a)	Date (b)	Event (c)		
0630	9/9/21	Mass ascension/media flight, Approximately 80 balloons		
0530	9/10/21	Dawn Patrol, 9 balloons		
0630	9/10/21	Flyover, Competitive task(s) as called, 100 balloons		
0530	9/11/21	Dawn Patrol, 9 balloons		
0630	9/11/21	Flyover, Competitive task(s) as called, 100 balloons		
0530	9/12/21	Dawn patrol, 9 balloons		
06:30	9/12/21	Flyover, Competitive task(s) as called, 100 balloons		
If sufficient space is not available, the entire schedule of events may be submitted on separate sheets, in the order and manner indicated above.				
<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 10px;">➤</div> <div> <p>Please Read</p> <p>The undersigned applicant accepts full responsibility for the strict observance of the terms of the Certificate of Waiver or Authorization, and understands that the authorization contained in such certificate will be strictly limited to the above described operation.</p> </div> </div>				
17. Certification - I CERTIFY that the foregoing statements are true.				
Date 7/6/21	Signature of Applicant 			
Remarks Block 8: Altitudes over targets and main spectator area vary, see Operations Manual. Block 9a: Beginning (Date and Time)                      Block 9b. Ending (Date and Time) 09-9-2021 0630 PDT                      09-9/2020 1030 PDT 09-10-2021 0630 PDT                      09-10/2020 1030 PDT 09-11-2021 0530 PDT                      09-11/2020 1030 PDT 09-12-2021 0530 PDT                      09-12-2020 1030 PDT Block 10: Hot air balloons of various makes & models as specified by invitation. A coordinated formation flight of aircraft to fly over site at not less than 1000', both passes. Pilots names, certifications and addresses to be supplied at or before registration. A complete listing to be made available to FAA representatives prior to flights.				