



14 CFR Part 91 Operations

Certificate of Authorization **Parachute Operations Over or Into a Congested Area** **or Open-Air Assembly of Persons**

1. **FAA Form 7711-1 (7-74).** This document constitutes a CERTIFICATE OF AUTHORIZATION (PTRS entry 1220) in lieu of FAA Form 7711-1 (7-74) when issued to the Operator or Responsible Person listed in Table 1 and in the signature block of this document.
2. **Issuance.** This Certificate of Authorization 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.
3. **Responsible Person.** This Certificate of Authorization is issued to and signed by the Responsible Person listed in Table 1. Enter the name, address (cannot be a post office box), city, state, and zip code for the Responsible Person in Table 1:

Table 1 - Responsible Person

Name	Telephone No.	Address	City	State	Zip
Tom Talbott			Chandler	AZ	85286

4. **CFR Section 105.21 Requirements.** This Certificate of Authorization authorizes parachute operations over or into a congested area or open-air assembly of persons in accordance with 14 CFR Section 105.21 as follows:

Landing Area Location: Town of Gilbert, Gilbert, AZ 85296

VOR Radial & Distance if within 30 NM of landing area (or enter N/A): PXR 109° R 11.0 NM

Duration of Intended Parachute Operations: 1 pass, 4 jumpers

Exit Altitude: 4000 feet MSL or as authorized by ATC, higher if possible.

5. **Effective Dates and Times.** This certificate of Authorization is effective from 09/17/2016, 1900 PST to 2000 PST, and is subject to cancellation at any time upon notice by the Administrator or his authorized representative.
6. **Regulations Waived.** List of Waived Regulations by Section and Title (Enter waived regulations or select "No Regulations Waived"):

No Regulations Waived

7. **Notifications.** The responsible person listed in Table 1 shall notify the appropriate Flight Service Station (FSS) of the date, time, place, areas, altitudes, nature of the activity, and duration of the operation and request that a NOTAM be issued.

a. Such notice shall be accomplished by providing the controlling FSS with a copy of this Certificate of Authorization, if required, no less than 48 hours or no more than 72 hours prior to the event. Some FSS



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may require additional notification by telephone from the operator or responsible person.

b. Reference any TFR NOTAM issued by ATA-400 in this NOTAM if issued for a portion of the time the authorization is in effect. *Note: Do not include if TFR NOTAM is issued by ATA-400 for the aviation event.*

c. Copies of this Certificate of Authorization should be distributed appropriately as follows:

Table 2 - Notifications

Responsible Person	Flight Service Station	Flight Service Station Telephone No.	ARTCC	Air Traffic Control
Tom Talbott	PRC		CHD	PHX TRACON

8. STANDARD PROVISIONS.

a. A copy of the application made for this Certificate of Authorization shall be attached to and become a part hereof.

b. This Certificate of Authorization 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.

c. The holder of this Certificate of Authorization shall be responsible for the strict observance of the terms and provisions contained herein.

d. This Certificate of Authorization is nontransferable.

9. SPECIAL PROVISIONS.

a. If applicable, enter special provisions parachute operations including tactical airborne demonstrations that require an authorization under § 105.21. Restrictions in this section are not appropriate for parachute operations not requiring an authorization under § 105.21 (if not applicable, enter N/A).

N/A

b. Each civilian jumper shall not exceed the manufacturer's maximum suspended weight for the parachute to be utilized in the demonstration.

c. The holder of this Certificate of Authorization must position at least one person on the ground in the landing area to perform ground control duties. Ground control must have and utilize a means of constant communication with the jump aircraft. Direct two-way radio shall be the primary means of communication. In the event two-way radio communication is lost, a visual means of communication must be available that is capable of being identified and understood by the jumpers from the jump aircraft, and that will clearly indicate to jump or not to jump.

d. Procedures shall be established and used by the holder of this Certificate of Authorization to control spectators and keep them out of the landing area.

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e. Level I Landing Area. Except for tactical airborne demonstrations by the DOD, minimum competency and recent experience requirements for Level I landing areas and other requirements are:

- (1) At least USPA C license, or equivalent
- (2) A minimum of 200 jumps with
- (3) 50 jumps within the previous 12 calendar-months, and 5 jumps within the previous 60 days on the same make, model, and size of canopy to be used during the demonstration.
- (4) The jumpers may exit over an open area and drift into a Level I landing area within a congested area and must land no closer than 50 feet from any spectators and to pass over any spectators no lower than 250 feet, including the canopy and all external paraphernalia.

f. Level II Landing Area. Except for tactical airborne demonstrations by the DOD, minimum competency and recent experience requirements for Level II landing areas and other requirements are

- (1) At least USPA D license with PRO rating, or equivalent, with
- (2) 50 jumps within the previous 12 calendar-months, and 5 jumps within the previous 60 days on the same make, model, and size of canopy to be used during the demonstration.
- (3) Additionally, jumpers must certify that they will use both a ram-air main and ram-air reserve parachute.
- (4) The jumpers may exit over an open area and drift into a Level II landing area within a congested area and must land no closer than 15 feet from any spectators and pass over any spectators no lower than 50 feet, including the canopy and all external paraphernalia.

g. The responsible person issued this Certificate of Authorization is responsible for the overall safe execution of the jump exhibition. The final determination of site acceptability, landing area, wind conditions, and location of where to exit the jump aircraft (in accordance with the aforementioned special provisions) will be made by the team leader.

h. With the exception of members of DOD-sanctioned teams, under no circumstances may a parachutist exit an aircraft directly over a spectator area or an open air assembly of people.

i. With the exception of DOD-sanctioned teams and tactical airborne demonstrations, parachutists shall deploy their parachutes at an altitude of not less than 2,000 feet AGL.

j. The decision to integrate Canopy Relative Work (CRW) into the parachute demonstration will be the responsibility of the team leader. The team leader will determine the effects of wind speed, direction, and turbulence when determining whether CRW can be conducted safely. This includes the decision to fly a completed formation over a spectator area or an open air assembly of people. With the exception of DOD-sanctioned teams, CRW formations comprised of all USPA PRO-rated, or equivalent, jumpers and any two jumper formation, CRW formations will not be flown below 1,000 feet AGL for Level II landing areas, and 500 feet AGL for Level I landing areas.

k. With the exception of DOD-sanctioned teams, no hook turns will be initiated below 200 feet AGL.



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NOTE A hook turn is a maneuver in any maneuver sequence that causes the canopy to roll at an angle in excess of 45° from vertical and/or to pitch up or down at an angle in excess of 45° from horizontal while executing a turn in excess of 60°.

l. With the exception of DOD-sanctioned teams, intentional cutaway performances will not be initiated below 3,000 feet AGL. Intentional cutaway performances will not be initiated from an altitude, by anyone, that may cause the cutaway equipment to drift into the spectator area.

m. The team leader or jumpmaster is responsible for inspecting all parachutists' equipment and clothing, to include additional paraphernalia such as ropes, flags, and/or smoke/pyrotechnic devices for proper configuration and security prior to boarding the jump aircraft, and again just prior to exiting the jump aircraft.

n. All jumpers using additional paraphernalia such as ropes, flags, and/or smoke/pyrotechnic devices shall have at least one jump utilizing an identical device(s) prior to accomplishing the demonstration.

o. The responsible person issued this Certificate of Authorization shall brief the PIC of the jump aircraft and the jumpers on the terms of this Certificate of Authorization.

p. The PIC of the jump aircraft will contact the appropriate ATC facility 5 minutes prior to commencing jump operations and will notify the appropriate ATC facility when the last parachutist or object leaves the aircraft.

q. The jump aircraft shall be equipped with a functioning 4096 Code Transponder with Mode (C) and shall use the transponder on the appropriate code (or as assigned by ATC) throughout the demonstration.

10. OTHER SPECIAL PROVISIONS. *If there are no other special provisions, enter N/A.*

At least 24 hours, but no more than 72 hours, prior to the jump time, Tom Talbott shall notify the Lockheed Martin Prescott Flight Service Station [REDACTED] of the date, time, place, areas, altitudes, nature of the activity, and duration of the operation and request that a NOTAM be issued. If the controlling FSS is not in possession of a copy of the Certificate of Authorization, they may require you to fax them a copy.

HQ Control: 04/20/05

HQ Revision: 000



U.S. Department
of Transportation
**Federal Aviation
Administration**

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issued. If the controlling FSS is not in possession of a copy of the Certificate of Authorization, they may require you to fax them a copy.

This Waiver or Authorization is Issued by the Federal Aviation Administration and approved by direction of the Administrator.

Reilly, Kenneth J.

Manager, SDL FSDO

WP07

Date Approval is effective: 09/07/2016

Amendment Number: 0

I hereby accept and receive this Waiver or Authorization.

Talbott, Tom

Agent

Date: 09/07/2016



US Department of Transportation
Federal Aviation Administration

**APPLICATION FOR
CERTIFICATE OF WAIVER
OR AUTHORIZATION**

From Approved: O.M.B. No.2120-0027 08/31/2008

APPLICANTS - DO NOT USE THESE SPACES

Region

WPO7

Date

9-7-2016

Action

☒ Approved

☐ Disapproved – "Explain under "Remarks"

Signature of authorized FAA representative

[Redacted Signature]

Dave L. Guyon

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

Arizona Skyhawks Parachute Demonstration Team

2. Name of responsible person

Tom Talbott

3. Permanent mailing address

House number and street or route number

[Redacted Address]

City

Chandler

State and ZIP code

85286

Telephone No.

[Redacted Phone]

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.

No

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.

No

6. FAR section and number to be waived

authorization is requested IAW part 105, §§ 105.15, 105.19, 105.21, and 105.25.

7. Detailed description of proposed operation (Attach supplement if needed)

A Demonstration onto the grass at Town of Gilbert, [Redacted], Gilbert, AZ 85296

From 4,000MSL feet higher if traffic permitting. One pass with 4 jumpers, expected duration 3 minutes from exit to the ground.

8. Area of operation (Location, altitudes, etc.)

PXR 109 Radial 11.0 NM, 1-NM Radius at 4,000 MSL Higher if traffic permitting

9a. Beginning (Date and hour)

09/17/2015

19:00:00

b. Ending (Date and hour)

09/17/2015

20:00:00

10. Aircraft make and model (a)

Pilot's Name (b)

Certificate number and rating (c)

Home address (Street, City, State) (d)

C-182

[Redacted Pilot Name]

[Redacted Certificate]

[Redacted Address]

N20844

Ryan Kilgore

[Redacted Certificate]

Tempe, AZ 85281

11. The air event will be sponsored by:

13. Policing (Describe provisions to be made for policing the event.)

15. Air Traffic control (Describe method of controlling traffic, including provision for arrival and departure of scheduled aircraft.)

If sufficient space is not available, the entire schedule of events may be submitted on separate sheets, in the order and manner indicated above.

17. Certification - I CERTIFY that the foregoing statements are true.

Remarks	[REDACTED]		
Skydivers	Tom Talbott	[REDACTED]	Pro Rated
	Carl Chittim	[REDACTED]	Pro Rated
	Daniel O'Toole	[REDACTED]	Pro Rated
	Jennifer Pierce	[REDACTED]	Pro Rated
Alternates	Tony Landgren	[REDACTED]	Pro Rated
	Jeff Agard	[REDACTED]	Pro Rated
Departing; Chandler Airport			

Arizona Skyhawks Parachute Demonstration Team for Gilbert Constitution Week
Town of Gilbert. [REDACTED] Gilbert, AZ 85296

September 17, 2016 7:30pm

