

Aerial Demonstration ("Airshow") Temporary Flight Restrictions (TFRs)

FAA Forum

Presented to: ICAS Convention Attendees

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Federal Aviation
Administration



Overview

- 1. Authority**
- 2. Purpose/Intent**
- 3. Criteria**
- 4. Dimensions**
- 5. Processing**
- 6. Policies**
- 7. Reference Links**



Authority

- **Regulatory action pursuant to 14 CFR 91.145, Management of aircraft operations in the vicinity of aerial demonstrations and major sporting events**
 - created to address traffic management procedures for aircraft operations in vicinity of aerial demonstrations
- **FAA HQ issuing authority 91.145 TFRs**
 - based on requests being staffed and recommended by regional Service Center for airshow location

Purpose and Intent

- **Purpose:**

- Protect persons/property on the surface/in the air
- To maintain air safety and efficiency
- To prevent unsafe congestion of aircraft in the vicinity of an aerial demonstration or major sporting event

- **Intent:**

- Prohibit nonparticipants from operating over or within airspace used by aerial demonstration teams while practicing or performing

Criteria

- **If any segment of requested airspace extends outside of Class B, C, or D airspace, a TFR may be issued for:**
 - Military aircraft conducting aerobatic demonstrations
 - Civilian aircraft that operate in excess of 200 knots are conducting aerobatic demonstrations
 - Parachute demonstration teams are performing.
- **TFRs do not extend into Class A airspace**
- **TFRs not issued for military or civilian aircraft flybys, arrival or departure periods, holding patterns, or marshalling activities**

Dimensions

- **Aerial demonstration TFRs normally:**
 - limited to 5 nm radius from the airshow center; extended to 7 nm for Snowbird demonstrations
 - at an altitude no greater than the minimum airspace necessary for management of aircraft ops in vicinity of the airshow area
- **Start / stop times limited to support aerobatic and parachute demonstrations**
- **May differ from FSDO waiver information**

Processing

- **Guidance on National Airshow Program TFR Request website**
 - <http://www.faa.gov/about/initiatives/airshow/tfr/>
- **In general...**
 - Event sponsor / air boss coordinate with appropriate ATC facility(ies) responsible for TFR airspace area
 - Event sponsor or air boss submit TFR worksheet (from website) to appropriate Service Area POC
 - recommend providing copy to ATC facility(ies) also
 - Approved TFR requests published as FDC NOTAM 7-days prior to first aerial event (practice or show)

Processing

- **Service Area POCs determined by airshow location**
 - Eastern Service Center; Atlanta, GA
 - Armando Castro 404-305-5590
 - Lynda Otting 404-305-5577
 - Central Service Center; Fort Worth, TX
 - DeLisa Kik 817-321-7718
 - Winston Dixon 817-321-7728
 - Ron Laster 817-321-7741
 - Western Service Center; Renton, WA
 - Mark Payne 425-203-4514
 - Dale Richards 425-203-4549



Policies

- **Establishment of 14 CFR 91.145 TFR...**
 - does **not** waive or relieve pilots from any Part 91 requirements
 - does **not** remove the responsibility and control authority for the TFR volume of airspace from the ATC facility normally responsible for that airspace
- **Aerial demonstration TFR action is separate process, focused on the airspace, from the Flight Standards certificate of waiver action**

Reference Links

- **National Airshow Program (TFR Requests)**

- <http://www.faa.gov/about/initiatives/airshow/tfr/>

- Airshow Temporary Flight Restrictions [*talking paper*]
 - ATO Service Area Contacts [*listing*]
 - Advisory Circular 91-63C, Temporary Flight Restrictions
 - TFR Instructions [*general details and request guidance*]
 - Airshow TFR Worksheet

- **JO 7210.3W, “Facility Operation and Administration”**

- <http://www.faa.gov/documentLibrary/media/Order/7210.3WBasic.pdf>

- Specifically, Chapter 19, Section 7

Summary

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