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

FAA Forum

Presented to: ICAS Convention Attendees
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Overview

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2. Purpose/Intent
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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

• 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”
  
  - Specifically, Chapter 19, Section 7
Summary

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  – Purpose/Intent
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