

# FAA Air Show and Aviation Events Update

Presented to: ICAS Convention Las Vegas NV

By: FAA – Sue Gardner (AFS-800) and  
Lynda Otting (ATO AJV-E2)

Date: December 12 2012



Federal Aviation  
Administration





# ICAS 2012

- **400-450 Airshows and 600+ Waivers**
- **18 Million Spectators**
  - Safety Planning
  - Coordination
  - Integration





# ICAS 2012

- **ARE AIR SHOWS SAFE?**

Air shows offer a consistently and historically safe environment for millions of spectators each year. Since current rules were implemented over 50 years ago, there has not been a single spectator fatality at a North American show – an enviable safety record for any business





# ICAS 2012

- **National Aviation Events Specialist (NAES)**
  - Sue Gardner – (AWA) (630) 880-5834
- **Regional Aviation Events Specialist (RAES)-**
  - Anthony Mauro - (AEA) (718) 553-3236
  - Eric Stout - (ASO) (404) 305-6066
  - Brian Martin - (ASW) (817) 222-5234
  - Derek Dunmire - (ACE) (314) 890-4827
  - Roy Speeg - (ANM) (425) 227 2473
  - Tina Sawtelle- (AAL) (907) 271-5190
  - Bart Angle (AGL) (734) 487-7233
  - John Goldfluss (AWP) (310) 725-7249





# ICAS 2012

- **Air Traffic Organization Resources-**
  - OSG Special Events Coordinators
    - John Sokolowski – FAA HQTs (202) 385-6194
    - Lynda Otting – Eastern Service Center (404) 305-5577
    - Delisa Kik – Central Service Center (817) 321-7718
    - Mark Payne – Western Service Center (425) 203-4514





# ICAS 2012

- **FAA Order 8900.1 Vol 3 Ch 6/Vol 6 Ch 11**
  - Issue a certificate of waiver/auth for an aviation event and surveillance
    - V3C6 - Revision May 2013 V6C11 January 2013
- **FAA Order 8900.1 Vol 5 Ch 9**
  - Statement of Aerobatic Competency Card
    - Revision March 2012
  - ACE Manual ICAS/EAA
    - ICAS Dec 2012 EAA February 2013





# ICAS 2012

- **FAA Order 8900.1 Vol 3 Ch 5**
  - Issue a certificate of waiver/auth for an Aerobatic Practice Area and Contest Box
- **AC-91-45C - Aviation Events**
  - Revision D – May 2013
- **AC 105 – 2D – Parachute Operations**
  - Revision E – January 2013





# ICAS 2012

**FAA Website –**

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

- **Update with 2013 Airshow Season Info  
February 2013**







# ICAS 2012

- **Industry Partners -**
  - ICAS - ACE Committee, Safety Committee,
  - EAA Warbirds, CAF, CJAA, Warbirds of America
  - FAST, FFI
  - IAC
  - USPA
  - RARA
  - BFA
  - NAR/Tripoli
- **Military Partners - Pentagon**
  - U.S. Airforce    U.S. Navy    U.S Army





# ICAS 2012

- **North American Regulatory Authority Partners -**
  - TCCA - Wayne Harper - CAR 623
  - Canadian DND – Capt. Bruce Ehman
    - BGA-100





# ICAS 2012

- **2012 - What is new?**
  - Standardization North American Airshow Policy
    - ACE Manual - ICAS EAA
  - SMS Introduction
  - Air Boss Certification
  - Rocket Launches
  - UAS Demonstrations
  - Air Racing Policy
  - Aerobatic Practice Areas
  - FAA Training for Aviation Events



# Standardization North American Airshow Policy

## OBJECTIVE

To align the FAA and TCCA orders and regulations across NA for Civilian aircraft.

### Proposed Revisions:

- an amended sample site diagram common to both FAA and TCCA requirements to be added
- diagrams being amended to add the term "congested area" which was inadvertently omitted in Change 86
- diagrams and language being amended to clarify positioning of team lead and wingmen for formation flight of each category of aircraft

# Standardization North American Airshow Policy

## Current Wording in 8900.1 Change 86

### **3-145 PARTICIPANT AND AIRCRAFT ELIGIBILITY.**

#### **A. Aerobatic Competency Documentation.**

4) Upon request of the FAA, civil aircraft pilots must show evidence of performing or practicing their performance(s) within the previous 15 days.

# Standardization North American Airshow Policy

## Proposed Revisions (cont'd):

### New: 3-145 PARTICIPANT AND AIRCRAFT ELIGIBILITY.

#### A. Aerobatic Competency Documentation.

4) Prior to performing at an air show civil aircraft pilots must show evidence of **performing or practicing their performance(s) within the previous 45 days**. An air show performance conducted under a waiver issued for an “air show” is never counted as a practice even if the event organizer is calling it a “practice” or “media” day.

# Standardization North American Airshow Policy

## Proposed Revisions (cont'd):

- **Explanation:**

- Performer who has not practiced or performed in the previous 45+ days, shows up at a site on Friday and the organizer has an “air show” waiver. This means he/she cannot fly.
- If the organizer has a “temporary aerobatic practice area” then he/she may fly and the performance constitutes a “practice” and he/she resets the 45 day clock.

- **Definition:**

**Airshow.** An aviation event defined as an aerial demonstration by one or more aircraft before an invited assembly of persons.

# Standardization North American Airshow Policy

## Proposed Revisions (cont'd):

- Amended language for Night and Civil Twilight
- Amended language for Helicopter operations
- ICAS ACE Manual (Rev 7)
  - Dec 31 2013 - New SAC LOA in lieu SAC card
  - Dec 31 2013 - New currency requirements to retain aircraft/authorizations/limitations on SAC LOA
- \* EAA Manual – 2nd QTR FY 2013



# Rocket Launches

- **New Policy authorizing a rocket launch at an aviation event**
  - Coordinated effort with FAA Flight Standards, Air Traffic, and Commercial Space Transportation Office
  - Coordinating with NAR and Tripoli
  - Requirement for a Safety Analysis by AST (surface and airspace) for every launch
  - Class I, II, III Rockets

# UAS Demonstrations

- **New Policy authorizing a UAS demonstrations at an aviation event**
  - Coordinated effort with FAA Flight Standards and Air Traffic
  - Addresses UAS with a CoA/W or Experimental Airworthiness Certificate



# Air Racing Policy

- **New Policy**

- Establishes new requirements and clarifying accreditation requirements for Air Racing Classes, Organizations and Pilots for closed course races
- Revision being drafted to address lessons learned from RENO 2012



# Air Boss Certification Program

- **2013 - The FAA is supporting ICAS on development of an Air Boss Certification Program**
  - Details will be shared in 1<sup>st</sup> QTR of 2013



# Aerobatic Practice Areas (APA)

- **Waivers – 500 foot limitation eliminated**
  - Waivers are currently being reissued
  - New Volpe study approved – establish noise criteria to surface
- **Waivers – Extend to a 3 year renewal period**
- **Environmental Assessments – APA**
  - It is anticipated approx 95% of all EAs will be eliminated with new definition of “infrequent”
- **Final policy published in January 2013**

# FAA Training for Aviation Events

- **FY 13 FAA developing in-house training for FAA workforce responsible for Aviation Events**
  - Solicit SME input from industry
- **Thank You ICAS for their many years of excellent training for FAA IICs and ASIs with oversight responsibilities for air shows**



# ATO – Radio Frequency

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

Application Information tab:

...“Regulatory Status”: *Private Internal Users ...*

# ATO - TFRs

# FDC NOTAM

# 9/5151





# QUESTIONS



Sue Gardner National Aviation  
Events Specialist (NAES):

[Sue.Gardner@faa.gov](mailto:Sue.Gardner@faa.gov)

**630-880-5834**

