



Federal Aviation  
Administration

# FAA Order 8130.2H Airworthiness Certification of Products and Articles Major Changes

April 2015



# Objective

- **Order Effective March 31, 2015**
  - Deviation Memo dated 3/24/15
    - Extends the effective date to April 30, 2015
- **Explanation of Policy Changes**
  - Clarifies the terms “Original” and “Recurrent” Certification
  - Additional information about program letters
  - Incorporates numerous changes from input DFI
  - All Operating Limitations are in Appendix C



# Cancellation

- **FAA Order 8130.2G**
- **All clarification & deviation memos prior to 2/4/2015, including:**
  - *Deviation to 8130.2G, Section 10 (Dec 21, 2011)*
  - *Restrictions on the Issuance of Experimental Airworthiness Certificates for Sophisticated and High Performance Former Military Aircraft (August 18, 2011 and all revisions)*
  - *Clarification of FAA Order 8100.8D and FAA Order 8130.2 Requirements to Notify a Geographic Office During Certification Activities (May 31, 2012)*



# Cancellation (cont'd)

- *Primary Responsible Office for Original or Recurrent Airworthiness Certification (Aug 24, 2012)*
- *Clarification: FAA Order 8130.2, Change 1, Airworthiness Certification of Aircraft and Related Products, paragraph 4039 and 4082 (Apr 18, 2014)*

## • Incorporated Orders

- FAA Order 8130.20
- FAA Order 8130.29
- FAA Order 8130.31



# Original Certification

- The term “original certification” applies to the issuance of standard or special airworthiness certificates and approvals, including FAA Form 8130-4, Export Certificate of Airworthiness, for aircraft holding a U.S. type certificate (TC) for the following:
  - No prior U.S. airworthiness certificate (except for a Special Flight Permit) or Export Certificate of Airworthiness (Export C of A)
  - No prior foreign airworthiness certificate or Export C of A from a bilateral partner stating conformity to U.S. type design.
  - Aircraft in a certification project such as developing a TC or Supplemental Type Certificate



# Recurrent Certification

- The term “recurrent certification” applies to the issuance of standard or special airworthiness certificates or approvals for products and articles that do not meet the original certification criteria



# Program Letters (PL) – Appendix B

- Considerations for reviewing an applicant's PL
- Intended to—
  - Clarify what the applicant is doing
  - Clarify eligibility for requested experimental purpose
  - Identify any requirements when changing from PAO to civil or from one purpose to another



# Former Military

- **New, detailed requirements for:**
  - PL
  - type/model familiarization
  - explosive devices & jettisonable stores
- **New/revised Operating Limitations (OL)**
  - Inspection & maintenance, runway length, ejection seats, some model-specific OL



# Operating Limitations

- Combined into a single list in Appendix C
- Consolidated & removed conflicts
- Removed restatements of rules
- Must follow current policy when changing OL on an existing certificate
- Coordination of changes/additions except for R&D and showing compliance



# Public Aircraft Operations (PAO)

- **Aligns PAO information with AFS publications:**
  - Order 8900.1, Flight Standards Information Management System (FSIMS), volume 3, chapter 14
  - AC 00-1.1A, Public Aircraft Operations
- **New PL considerations**
  - Identify impact to civil configuration and OL
  - Declaration of PAO



# Public Aircraft Operations (PAO) (cont'd)

- **New operating limitations**
  - Civil certificate not in effect during PAO
  - Method for transitions from PAO to civil



# Chapter 8. Processing Forms, Reports, and Certification Files

- Dates on all certificates should be in DD MMM YYYY format, for example, “25 DEC 2015”
- Superseded, terminated, or canceled airworthiness certificates must be returned to AFS-750
  - The superseded, terminated, or canceled airworthiness certificate should be marked accordingly



# Chapter 8. Processing Forms, Reports, and Certification Files

- Reference throughout the Order to Chapter 8 for documents required for certification:
  - Table 8-1 Documents Required for New and Used Aircraft Certification (Standard)
  - Table 8-2 Documents Required for New and Used Aircraft Certification (Special)
- The tables also identify documents that must be sent with certification package to AFS-750



# End of Briefing

