

For an aircraft certified as Experimental Exhibition, refer to FAA order 8130.2J (Chapter 12 & Chapter 4 Section 2) and CFR 21.191(d).

- DAR will conduct an inspection of the aircraft, logs, and manuals
- A maintenance program may be requested
- DAR will issue Operating Limitations and will require a program letter submitted to the FSDO
  - For maintenance work a certified FAA mechanic will be required (unlike amateur built, no repairman certificate is available)
- Program letter will need to be drafted and will include the following:
  - Phase I - a flight test area will have to be approved by the geographically responsible FSDO.
  - Phase II - a larger area will be drafted for the purpose of proficiency flights.
  - Events you may exhibit the aircraft (statically or dynamically) will be listed for the year
  - Approximation of the number of flights / flight hours per year
  - It will need to be updated every 365 days and submitted to the local FSDO
- Operations outside of the Phase II area are permitted if flying to an event listed in the program letter
- Operations outside of the Phase II are permitted if not on the program list so long as a one-way email is sent to the responsible FSDO
- Our phase II proficiency area will be approximately a 130-mile radius and will allow unlimited operation frequency within it to maintain flight proficiency
- Flight over densely populated areas normally not allowed for Experimental aircraft under CFR 91.319(c) will be permitted for the purpose of take off and landing in our Operating Limitations (not to include multiple traffic patterns / touch & goes over densely populated areas)
- Flight instruction for hire will be conducted under a LODA (FAA Order 8900.1 Volume 3 Chapter 11)

## Chapter 12. Experimental Purpose of Exhibition (§§ 21.191(d))

**12-1. Introduction.** This chapter provides policies and procedures for issuing special airworthiness certificates for the experimental purpose of exhibition per § 21.191(d).

**12-2. Procedures for Issuing Airworthiness Certificates.** Follow chapter 4 of this order and the following:

**a. Review Application.** Verify the application, including the program letter, demonstrates eligibility for the requested experimental purpose of exhibition. This purpose includes exhibiting the aircraft's flight capabilities, performance, or unusual characteristics at air shows, fly-ins, and similar events; for motion picture, television, and similar productions; and for the maintenance of exhibition flight proficiency, including (for persons exhibiting aircraft) flying to and from such events and productions.

## Code of Federal Regulations

**Title 14 - Aeronautics and Space (Amended 3/21/2023)**

**Chapter 1 - Federal Aviation Administration, Department of Transportation**

**Subchapter C – Aircraft**

**Part 21 Certification Procedures for Products and Articles**

**Subpart H- Airworthiness Certificates**

**§ 21.191 Experimental certificates.**

### § 21.191 Experimental certificates.

Experimental certificates are issued for the following purposes:

(a) **Research and development.** Testing new aircraft design concepts, new aircraft equipment, new aircraft installations, new aircraft operating techniques, or new uses for aircraft.

(b) **Showing compliance with regulations.** Conducting flight tests and other operations to show compliance with the airworthiness regulations including flights to show compliance for issuance of type and supplemental type certificates, flights to substantiate major design changes, and flights to show compliance with the function and reliability requirements of the regulations.

(c) **Crew training.** Training of the applicant's flight crews.

(d) **Exhibition.** Exhibiting the aircraft's flight capabilities, performance, or unusual characteristics at air shows, motion picture, television, and similar productions, and the maintenance of exhibition flight proficiency, including (for persons exhibiting aircraft) flying to and from such air shows and productions.

(e) **Air racing.** Participating in air races, including (for such participants) practicing for such air races and flying to and from racing events.

(f) **Market surveys.** Use of aircraft for purposes of conducting market surveys, sales demonstrations, and customer crew training only as provided in [§ 21.195](#).

(g) **Operating amateur-built aircraft.** Operating an aircraft the major portion of which has been fabricated and assembled by persons who undertook the construction project solely for their own education or recreation.

(h) **Operating primary kit-built aircraft.** Operating a primary category aircraft that meets the criteria of [§ 21.24\(a\)\(1\)](#) that was assembled by a person from a kit manufactured by the holder of a production certificate for that kit, without the supervision and quality control of the production certificate holder under [§ 21.184\(a\)](#).

(i) **Operating light-sport aircraft.** Operating a light-sport aircraft that -

(1) Has not been issued a U.S. or foreign airworthiness certificate and does not meet the provisions of [§ 103.1 of this chapter](#). An experimental certificate will not be issued under this paragraph for these aircraft after January 31, 2008;

(2) Has been assembled -

(i) From an aircraft kit for which the applicant can provide the information required by [§ 21.193\(e\)](#); and

(ii) In accordance with manufacturer's assembly instructions that meet an applicable consensus standard;

or

(3) Has been previously issued a special airworthiness certificate in the light-sport category under [§ 21.190](#).