

# Federal Aviation Agency

Repl. by 20-28A

## ADVISORY CIRCULAR

AC NO: 20-28

AIRCRAFT

EFFECTIVE :--

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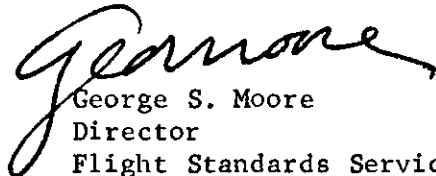
**SUBJECT :   NATIONALLY ADVERTISED AIRCRAFT CONSTRUCTION KITS**

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1. **PURPOSE**. This circular is to call to the attention of persons contemplating the use of nationally advertised kits for the construction of an aircraft, that certain kits when used could render the aircraft ineligible for the issuance of an experimental certificate as an amateur-built aircraft.
  2. **BACKGROUND**. The increased popularity of amateur-built aircraft has increased the advertising of various prefabricated kits and components for use by the amateur aircraft builder. These advertisements now appear in local and national periodicals, mail order catalogs, and various other publications, some of which tend to be misleading as to what kits and components are eligible for use in constructing an aircraft which is to be certificated by the Federal Aviation Agency.
  3. **SUGGESTED GUIDELINES**. The use of the following guidelines are recommended prior to the purchase of prefabricated kits or components for use in the construction of amateur-built aircraft.
    - a. Obtain all the detail data available on the prefabricated kit or component from the advertiser.
    - b. Follow the provisions of Civil Air Regulations, Part 1, Section 1.73-1(c) which states: "Amateur-built aircraft will be eligible for an Experimental Airworthiness Certificate when the applicant presents satisfactory evidence that the aircraft was designed and/or fabricated by an individual or group of individuals, the project having been undertaken for educational or recreational purposes and the FAA finds that the aircraft complies with the amateur-built aircraft requirements set forth in CAR 1.74-3."
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8/7/64

- c. Compare the detail data on the kit with information contained in FAA Advisory Circular No. 20-27 dated 7-31-64, which states:  
"Certain components and parts need not be manufactured by the applicant, but may be procured on the open market. For example; engine(s), propeller(s), rotor blades and hubs, accessories, wheel and brake assemblies, instruments, appliances, standard aircraft hardware and fasteners, and raw materials, such as tubing, fabric, extruded sections, etc." It also states:  
"Aircraft completely assembled from prefabricated components or prefabricated kits (i.e., kits which primarily involve assembly operations only) procured commercially or from other persons or sources, are not considered as being within the meaning of amateur-built and, therefore, are not eligible for certification under this purpose."
- d. Contact the nearest Flight Standards District Office of the FAA, if there is any doubt concerning the eligibility of the kit, for advice and information.

  
George S. Moore  
Director  
Flight Standards Service