

ORDER

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

2-22-83
8130.16

1/14/83

**LISTING MANNED-FREE BALLOON OR GLIDER ON SPECIAL AIRWORTHINESS CERTIFICATES
SUBJ: ISSUED FOR EXPERIMENTAL PURPOSES.**

1. **PURPOSE.** This order describes the objectives and procedures for listing either manned-free balloon or glider on experimental certificates and these aircraft have the predominant flight characteristics associated with either of these types of aircraft.
2. **DISTRIBUTION.** This order is distributed to the branch level in the Office of Airworthiness, the Office of Flight Operations, the regional Flight Standards and Aircraft Certification Divisions; the Flight Standards Branch at the FAA Academy; to the branch level in the Aviation Standards National Field Office; to all Engineering and Manufacturing District Offices (EMDO's), Aircraft Certification Offices (ACO's), Aircraft Certification Field Offices (ACFO's), Manufacturing Inspection District Offices (MIDO's), General Aviation District Offices (GADO's), Flight Standards District Offices (FSDO's), Air Carrier District Offices (ACDO's), Aeronautical Quality Assurance Field Offices (AQAFQ's), and to Designated Manufacturing Inspection Representatives.
3. **BACKGROUND.** Currently, manned-free balloons and gliders are issued an experimental certificate under FAR's 21.175(b), 21.191, 21.193, and the procedures in Order 8130.28, Airworthiness Certification of Aircraft and Related Approvals, and are not identified by category with respect to airman certification. An aircraft may have predominant flight characteristics which would cause it to be identified as a manned-free balloon or glider under type certification procedures contained in FAR 21 and 31, yet is identified only as an aircraft on the Special Airworthiness Certificate, FAA Form 8130-7. The procedure outlined below will better clarify and enable pilots to operate these aircraft without possessing a medical certificate issued under FAR 67. Pilot certificate responsibilities of FAR 61.31 remain unchanged.
4. **ACTION.**
 - a. Effective with this order, an aircraft eligible for the issuance of an experimental certificate under FAR 21.191 and which clearly has the predominant flight characteristics of either a manned-free balloon or glider will be identified as follows: MANNED-FREE BALLOON or GLIDER will be placed in parenthesis following "Experimental" in the "Category/Designation" block of the Special Airworthiness Certificate, FAA Form 8130-7. (Glider criteria is contained in AC 21.23-1, Type Certification - Fixed-Wing Gliders (Sailplanes).) Aircraft that have previously been issued an experimental certificate may have a new certificate issued in accordance with Order 8130.2B, paragraph 138b by applying to a Flight Standards, General Aviation, or Manufacturing Inspection District Office.

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Initiated By: AWS-200

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b This procedure will assure appropriate application of FAR 61 concerning medical requirements for the operation of such aircraft when issued an experimental certificate. This order has been coordinated with AFO-800 and will be included in Order 8130.2B as priority and revision cycles permit.



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