



ADVISORY CIRCULAR

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

SUBJECT: TEST PROCEDURES FOR MAXIMUM ALLOWABLE AIRSPEED INDICATORS

1. PURPOSE. This advisory circular provides guidance concerning test procedures which may be used in showing compliance with the standards in FAR 37.145 (TSO-C46a).
2. REFERENCE. FAR 37.145 (TSO-C46a), Maximum Allowable Airspeed Indicator Systems.
3. TEST PROCEDURES.
 - a. Test procedures set forth in SAE Aeronautical Standard AS 418A dated May 15, 1961 (Maximum Allowable Airspeed Instrument, Reciprocating Engine Powered Aircraft), or in SAE Aeronautical Standard AS 437 dated April 15, 1963 (Maximum Allowable Airspeed Instrument, Turbine Powered Subsonic Aircraft), may be used for the purpose of showing compliance with related standards in FAR 37.145 (TSO-C46a). However, environmental limits, or other limits, specified in these procedures must be adjusted if necessary to agree with those specified in FAR 37.145 (TSO-C46a). Both Aeronautical Standards may be obtained from the Society of Automotive Engineers, Two Pennsylvania Plaza, New York, New York 10001.
 - b. Other test procedures may also be adequate and valid for the purpose.

Edward C. Hodson
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