



# Advisory Circular

Subject:

Date: 2/14/90  
Initiated by: AIR 120

AC No: 20-134  
change:

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**TEST PROCEDURES FOR MAXIMUM  
ALLOWABLE AIRSPEED INDICATORS**

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1. PURPOSE. This advisory circular provides guidance concerning test procedures **which** may be used in showing compliance with the standards in Technical Standard Order **C46a**.
2. REFERENCE. Technical Standard Order (**TSO**) **C46a**, Maximum Allowable Airspeed Indicator Systems.
3. CANCELLATION. Advisory Circular **37-2A**, Test Procedures for Maximum Allowable Airspeed Indicators, dated **10/22/74**, is cancelled.
4. TEST PROCEDURES.
  - a. Test procedures set forth in the Society of Automotive Engineers (**SAE**) Aeronautical Standard (AS) **418A** dated **May 15, 1961**, "**Maximum Allowable Airspeed Instrument, Reciprocating Engine Powered Aircraft**," or **SAE 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 **TSO-C46a**. **However, environmental** limits, or other limits, specified in these procedures must be adjusted if necessary to agree with those specified in **TSO-C46a**. Both aeronautical standards may be obtained from the Society of **Automotive** Engineers, **400 Commonwealth Drive, Warrendale, Pennsylvania 15096**.
  - b. Other test procedures may also be **adequate** and valid for the purpose:

A handwritten signature in cursive script that reads "William J. Sullivan".

William J. Sullivan  
Assistant Director, Aircraft  
Certification Service

U.S. Department  
of Transportation

**Federal Aviation  
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