

Cessna 170, 172, F172, FR172 and 175 Series Aeroplanes

AD/CESSNA 170/56

**Instrument Panel Light
Dimming Rheostat**

3/94

Applicability: Cessna aircraft as follows;

<u>Model</u>	<u>Serial Numbers</u>
172E, 172F, 172G, 172H, 172I and 172K (T-41A)	17250573 through 17259223
F172E, F172F, F172G and F172H	F172-0019 through F17200754
FR172E, FR172F and FR172G	FR17200001 through FR17200225
R172E, R172G and R172H (T-41B, T-41C and T-41D)	R172-0001 through R172-0452

Requirement: Unless previously accomplished, replace the existing instrument panel light dimming rheostat (some installations will also require the fitting of a doubler) in accordance with the Accomplishment Instructions of Cessna Single Engine Service Bulletin SEB92-33 Revision 2 dated 10 September 1993.

Note: FAA AD 93-24-15 Amdt 39-8764 refers.

Compliance: Prior to 3 October 1994.

Background: The FAA has advised of a report of an inflight fire in a Cessna Model 172. The fire was caused by a short in the electrical wiring controlled by the instrument panel light dimming rheostat. This Directive requires the rheostat to be replaced with an improved version, which is both current-limiting and heat-protected, thus decreasing the probability of an inflight fire being caused by a defective rheostat.

