

Piper PA-28 Series Aeroplanes

AD/PA-28/86
Amdt 1

Ammeter Installation

12/86

- Applicability: PA-28-150/160 with S/Nos. 28-3378 through 28-4377.
- PA-28-180 with S/Nos. 28-3378 through 28-7505259 and 28-E13.
- PA-28-181 with S/Nos. 28-7690001 through 28-8190279, 28-8290017, 28-8290018, 28-8290028, 28-8290033, 28-8290034 and 28-8290036.
- PA-28-235 with S/Nos. 28-10720 through 28-7710089 and 28-E11.
- PA-28-236 with S/Nos. 28-7911001 through 28-8511020.
- PA-28-201T with S/Nos. 28-7921001 through 28-7921091.
- PA-28R-180 with S/Nos. 28R-30004 through 28R-30481, 28R-30483 through 28R-7130013.
- PA-28R-200 with S/Nos. 28R-30482, 28R-35001 through 28R-7635545
- PA-28R-201 with S/Nos. 28R-7737001 through 28R-7837317.
- PA-28R-201T with S/Nos. 28R-7703001 through 28R-7803373.
- PA-28RT-201 with S/Nos. 28R-7918001 through 28R-8218026.
- PA-28RT-201T with S/Nos. 28R-7931001 through 28R-8631006.
- Except those aircraft fitted with ninety (90) ampere alternators.
- Requirement: Action in accordance with Piper Service Bulletin No. 811A. Ensure the shunt is positioned and adequately supported to prevent mechanical loads being applied to the 20 gauge wires connected to the ammeter.
- Compliance: Within 100 hours time in service after 31 July 1986.
- Background: Reports have been received of loose and/or shorting ammeter connections at the ammeter cluster gauge. If this condition is allowed to continue without rectification the possibility exists for electrical failure or a fire within the cockpit. Amendment 1 clarifies the protection requirements.