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Superseding ARP1928

Torque Recommendations for Attaching Electrical Wiring
Devices to Terminal Boards or Blocks, Studs, Posts, etc.

RATIONALE

ARP1928A has been reaffirmed to comply with the SAE five-year review policy.

NONCURRENT NOTICE

This specification has been declared "NONCURRENT" as of November 2004. It is recommended, therefore, that this document not be specified for new designs.

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1. PURPOSE:

The purpose of this aerospace recommended practice is to provide recommended torque values for attaching electrical devices to receiving members by means of screws, bolts, studs and nuts, i.e., standard mounting hardware.

The values provided in the table cover selected steel, brass and aluminum materials used for standard mounting hardware. These values were based upon safe mechanical strengths as defined by general industry practices and existing aerospace requirements.

These recommendations are general guidelines. Safety factors for any unusual mounting applications or operating conditions, such as vibration, impact, shear, and fatigue, should be given special consideration by the designer.

The specified values are not intended to be design criteria for the minimum torque values that studs, posts, etc., should be able to withstand without failure.

Also, these values are not intended to supersede those recommended by equipment manufacturers or required by the equipment designer.

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