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Marking of Aircraft Ground Support Equipment and Other
Flight Line Vehicles with Retro-Reflective Materials; Process For

FSC 1730

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SAE AS81807 Revision A

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1. SCOPE:

- 1.1 This specification prescribes general requirements for marking of aircraft ground support equipment and other vehicles (i.e., runway sweepers, firetrucks, refuelers, etc.), used on or near the flight line area with retro-reflective materials.

2. APPLICABLE DOCUMENTS:

- 2.1 The following documents of the issue in effect on the date of invitation for bid or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

L-S-300 Sheeting and Tape, Reflective: Non-exposed Lens, Adhesive Backing

TT-C-001060 Coating, Mixture, Reflective Liquid

(When requesting applicable documents, refer to both title and number. Copies of unclassified documents may be obtained from the Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, Pennsylvania 19120).

3. REQUIREMENTS:

3.1 General:

When specified in contracts, orders, specifications or drawings, aircraft support equipment and other flight line vehicles shall be marked with reflective tape conforming to L-S-300, Type II, Class 4, Reflectivity 1, Color White, Width 2 inches. The tape shall be applied along the extreme perimeter of the equipment to reflect its general outline configuration, when operating under reduced lighting conditions. When possible, the tape shall be applied to delineate the entire perimeter of the equipment. However, equipment having perimeter surfaces containing compound curves at the corners or large rivets, nuts, bolts, etc. need not be marked in these particular areas provided the marking provides a general outline of the equipment. Application of the reflective material shall not obliterate other markings (i.e., caution, capacity, danger, name plates, servicing/safety instructions, product marking, etc.). Wheel chocks, tie downs and other small equipment whose configuration does not readily lend itself to the application of reflective tape shall be marked with 2 inch circular stripes of reflective paint (i.e., wheel chocks shall be marked around the middle and each exposed end). The paint shall conform to the requirements of Specification TT-C-001060, Color No. 7211.

3.2 Marking Procedures:

- 3.2.1 Surface Preparation: The surface to which the tape or paint will be applied shall be cleaned of all loose scale and dirt; all deposits of cleaning compounds shall be removed. The surface shall be thoroughly dried.