

Issued 2002-02
Cancelled 2004-07

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

FSC 1730

CANCELLATION NOTICE

This document has been declared "CANCELLED" as of July 2004. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index.

SAENORM.COM : Click to view the full PDF of AS81807a

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2004 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Tel: 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: custsvc@sae.org
SAE WEB ADDRESS: <http://www.sae.org>

NOTICE

This document has been taken directly from U.S. Military Specification MIL-M-81807A, Amendment 2 and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-M-81807A, Amendment 2. Any part numbers established by the original specification remain unchanged.

The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, and (b) the use of the existing government specification or standard format.

Under Department of Defense policies and procedures, any qualification requirements and associated qualified products lists are mandatory for DOD contracts. Any requirement relating to qualified products lists (QPL's) has not been adopted by SAE and is not part of this SAE technical document.

SAENORM.COM : Click to view the full PDF of AS81807A

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.