

Issued 1985-05
Revised 1992-04
Reaffirmed 1999-12
Cancelled 2012-03

Superseded by ISO 11532
ISO 7000

Pictograms for Ground Support Equipment

RATIONALE

This standard is outdated and superseded by ISO 11532 and ISO 7000. The major update it would need is prevented by copyright issues with ISO and the expertise available in AGE-2C. Therefore, it is proposed for cancellation. Please see ISO 11532 for up-to-date symbols (pictograms) information.

CANCELLATION NOTICE

This document has been declared "CANCELLED" as of March 2012 and has been superseded by ISO 11532 and ISO 7000. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index noting that it is superseded by ISO 11532 and ISO 7000.

Cancelled specifications are available from SAE.

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 revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2012 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: +1 724-776-4970 (outside USA)

**SAE values your input. To provide feedback
on this Technical Report, please visit
standards/ARP1838B**

SAE WEB ADDRESS:

[This is a preview. Click here to purchase the full publication.](#)

TABLE OF CONTENTS

1.	SCOPE	2
2.	REFERENCES	2
3.	EXPLANATION	2
4.	CHAPTER 1 - EQUIPMENT LIGHTING	4
5.	CHAPTER 2 - HYDRAULICS.....	7
6.	CHAPTER 3 - PNEUMATICS	9
7.	CHAPTER 4 - ELECTRICAL EQUIPMENT	11
8.	CHAPTER 5 - ENGINE/TRANSMISSION POWER TAKEOFF.....	16
9.	CHAPTER 6 - BRAKES	20
10.	CHAPTER 7 - DRIVER'S CABIN/OPERATOR'S STAND	22
11.	CHAPTER 8 - DRIVE/DRIVING POSITION.....	30
12.	CHAPTER 9 - LIFTING/WORKING POSITION	34
13.	CHAPTER 10 - EMERGENCY OPERATION.....	49
14.	CHAPTER 11 - MAINTENANCE.....	52
15.	CHAPTER 12 - MISCELLANEOUS	55
	FIGURE 1	4
	TABLE 1	4

1. SCOPE:

This SAE Aerospace Recommended Practice (ARP) specifies pictographic symbols for ground support equipment.

They have been compiled for the benefit of those who deal with such equipment like airlines, airport authorities, manufacturers etc. in order to facilitate fast and accurate identification of controls, indicators, and decals of powered and unpowered equipment.

This document shall promote standardization of terms for controls, indicators etc. of ground support equipment and eliminate language problems.

It is recommended to put these pictograms on all future equipment and to retrofit all existing equipment as far as possible.

2. REFERENCES:

2.1 ANSI Publications:

Available from American National Standards Institute, 11 West 42nd Street, New York, NY 10036.

ISO Document 3461 - 1976 (E) Graphic Symbols - General Principles for Presentation

Pictograms presented in this document have been compiled from the following documents:

- a. ISO 7000
- b. IEC 417
- c. DIN 30600
- d. IATA AHM 915 A

In cases where certain functions have not been covered by symbols specified in one of these documents, new pictograms have been developed.

Pictograms for controls and indicators of aircraft handling equipment are also covered in IATA AHM 915 A.

For more details on the presentation of pictograms reference is made to ISO 3461 - 1976 (E)

3. EXPLANATION:

3.1 The list is subdivided into 12 chapters to achieve a separation among the various categories of equipment.

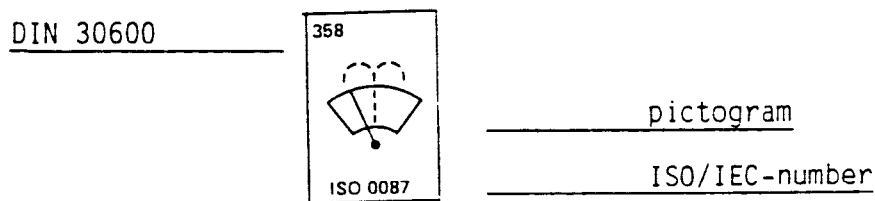
3.2 A pictogram characterizes a component function, indicates a signal, or gives special hints without giving details on construction or fabrication.

3.3 If the pictogram has already an ISO/IEC number, this number is indicated below the sign.

If the symbol already has a number according to DIN 30600, it is indicated at the top left corner.

- a. ISO = International Standard Organisation
- b. IEC - International Electric Commission
- c. DIN = German Industry Standard

3.4 Example (see Figure 1):



NOTES: "E" behind No. = "draft", "V" behind No. = "proposal"
ISO and IEC numbers in parenthesis are not yet approved

3.5 In column "applicable to" the names of GSE have been substituted by numbers I to XII due to lack of space and decode as follows:











- a. I = Loaders, lifting device
- b. II = Catering trucks
- c. III = Deicing units
- d. IV = Snow ploughs and runway sweepers
- e. V = Passenger Steps
- f. VI = Aircraft towing tractors
- g. VII = Forklifts
- h. VIII = Passenger bridges
- i. IX = Transporters
- j. X = Ground power unit
- k. XI = Aircondition unit
- l. XII = Passenger buses

3.6 Revisions (Table 1):

TABLE 1

No.	Description	Date	APPR
1	Letter ballot AGE-2C	02/18/83	GR
2	Letter ballot AGE-2 Addition of new symbols	02/29/84	GR
3	Revision A	04/20/92	VU

4. CHAPTER 1 - EQUIPMENT LIGHTING:

NO.	SYMBOL	TITLE	APPLI- CABLE TO	REMARKS
1.1	139  IEC 5012	MASTER LIGHTING SWITCH	ALL GSE	
1.2	235  ISO 0082	UPPER BEAM	ALL GSE	
1.3	236  ISO 0083	LOWER BEAM	ALL GSE	
1.4	239  ISO 0435	CLEARANCE / SIDE-LIGHTS	ALL GSE	
1.5	244  ISO 0435	IDENTIFICATION LIGHT	ALL GSE	
1.6	245  ISO 0240	PARKING LIGHTS	ALL GSE	
1.7	246  ISO 0633	FRONT FOG LIGHT	ALL GSE	
1.8	452  ISO 0634	REAR FOG LIGHT	ALL GSE	
1.9	1427 	WORKING LIGHT	I, II, III, VI	
1.10	1428 	TELESCOPING LIGHT MAST	III IV	