

ICS 01.080.20

**MH**

**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**MH/T 0023-2016**

Replacing MH/T 0023-2002

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**Graphical symbols for aircraft ground service equipment  
(English Translation)**

**Issued on: January 1, 1970**

**Implemented on: January 1, 1970**

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**Issued by: Civil Aviation Administration of China**

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### Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces MH/T 0023-2002 "Graphical Symbols for Aircraft Ground Support Equipment". Compared with MH/T 0023-2002, the main technology See Appendix A for changes.

This standard was proposed and interpreted by the Airport Department of the Civil Aviation Administration of China.

This standard was approved by the Aircraft Airworthiness Certification Department of the Civil Aviation Administration of China.

This standard is under the jurisdiction of the China Academy of Civil Aviation Science and Technology.

Drafting organization of this standard. China Civil Aviation Science and Technology Research Institute.

### 1 Scope

This standard specifies the graphic symbols for aircraft ground service equipment.

This standard applies to all aircraft ground service equipment. Other equipment used in civil airports can be used as reference.

### 2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 16902.1-2004 Graphical Symbols Representation Rules Graphical Symbols for Equipment Part 1: Prototype Symbols

## **3 General**

### **3.1**

The use of graphical symbols shall follow the provisions of Chapter 7 of GB/T 16902.1-2004.

### **3.2**

In use, the graphic symbols in Chapter 4 should be enlarged or reduced in equal proportions accurately.

### **3.3**

The subscripts located around the graphic symbols in Tables 1 to 10 do not constitute the content of the graphic symbols, but are only the basis for copying and positioning the graphic symbols.

### **3.4**

The graphic symbols on the control devices and warning signs should be in sharp contrast with their backgrounds, and light-colored graphics should be used on dark backgrounds.  
symbol.

### **3.5**

Graphic symbols should be set within the sight of the operator. Operators should be able to identify safely and easily from their daily operating positions these graphic symbols.

### **3.6**

When the graphic symbols used on the aircraft ground service equipment are the same as those used on the aircraft, their meanings should be the same.

### **3.7**

The graphic symbols used for aircraft ground service equipment shall meet the following requirements.

a) When used on a display device with light transmission, the following colors have the specified meaning.

Red. Faults that require immediate attention, exceed normal operating limits, or are in dangerous operating conditions;

Yellow or amber. approaching normal operating limits or dangerous operating conditions;

Green. Normal operation status.

b) Certain colors are used for specific functions.

Blue. headlight high beam display;

Red. danger warning display;

Green. Turn signal display.

c) When the graphic symbols on the heating/cooling system are represented by colors, red is used to indicate heating, and blue is used to indicate cooling.

## 4 Graphic symbols

The graphic symbols used by aircraft ground service equipment are shown in Table 1 to Table 10. Among them, Table 1 is the graphic symbol for the lighting system, and Table 2 is the hydraulic the system uses graphic symbols, Table 3 is the graphic symbols for pneumatic systems, Table 4 is the graphic symbols for electrical equipment, Table 5 is the engine, transmission, and MH Graphical symbols for power tools. Table 6 is for braking system. Table 7 is for driving and operation. Table 8 is for lifting/working position.

Symbols, Table 9 is graphic symbols for emergency, and Table 10 is graphic symbols for maintenance.

### Appendix A

(Informative appendix) this document compares with the 2002 version technical revision the main technical modifications of this revised version and the 2002 version are shown in Table A.1.