



# AEROSPACE STANDARD

**AS5635™****REV. A**Issued 2019-03  
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Superseding AS5635

## Message Boards (MBs)

### RATIONALE

This SAE Aerospace Standard (AS) establishes the minimum standard requirements for message boards (MBs) utilized at designated deicing facilities (central deicing facilities/remote deicing areas). This AS also defines the minimum content and appearance of the display, functional capabilities, design requirements, and inspection and testing requirements of MBs.

### FOREWORD

A visual message display system is intended to improve deicing facility safety and operations management.

The primary intent of the MB is to safely enhance all aircraft movements on a specific designated deicing facilities (DDF). The secondary intent of the MB is to enhance communication and provide information to the pilot related to deicing operations.

This SAE Aerospace Standard (AS) covers message boards for DDF.

NOTE: Electronic message boards (EMB) will fall under the message board category unless specified.

### TABLE OF CONTENTS

1.	SCOPE.....	3
1.1	Equipment Classification.....	3
1.2	Field of Application.....	3
1.2.1	Applicable Airplanes.....	3
1.2.2	Applicable Airports.....	3
1.3	System Elements.....	3
1.3.1	Message Boards.....	3
1.3.2	MB Controls.....	3
1.3.3	Alternative Applications for MBs.....	3
2.	REFERENCES.....	3
2.1	Applicable Documents.....	3
2.1.1	SAE Publications.....	4
2.1.2	MB Manufacturers' and Operators' Documentation.....	4
2.1.3	RTCA Publications.....	4
2.1.4	FAA Publications.....	4
2.1.5	Transport Canada Publications.....	4
2.1.6	ICAO Documents.....	4
2.2	Definitions.....	5
2.3	Abbreviations.....	5

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3.	GENERAL DESIGN REQUIREMENTS .....	6
3.1	Introduction .....	6
3.2	Purpose .....	6
3.3	Technical Requirements .....	6
3.3.1	Design and Selection of Materials .....	6
3.3.2	Workmanship .....	6
3.3.3	Electrical Bonding and Grounding .....	7
3.3.4	Manufacturer Identification.....	7
3.3.5	Components.....	7
3.3.6	Operation .....	7
3.4	Facility Considerations .....	7
3.4.1	MB Location on Bay .....	7
3.5	Pad Lead-in and Exit Identification .....	7
3.5.1	Message Displays Errors .....	7
3.5.2	Aircraft Entry to Pad (See Figure 1).....	7
3.5.3	Positioning of Aircraft on the Pad (See Figure 2) .....	8
3.5.4	De/Anti-Icing Information to Flight Crew (See Figures 3 and 4) .....	8
3.5.5	Aircraft Exit from Deicing Bay (See Figure 5) .....	8
3.5.6	Supplemental Information .....	8
3.6	Dissemination of MB Information .....	8
3.7	Message Board Geometry .....	9
3.7.1	Messaging Capabilities .....	10
3.7.2	Display Format .....	10
3.7.3	Deicing Pad Identification on Message Boards .....	10
3.8	Safety Requirements.....	10
3.8.1	Design for Safety.....	10
3.8.2	System Malfunction Procedure .....	10
3.8.3	Operating Lighting Conditions.....	10
3.8.4	Operating Weather Conditions.....	11
4.	INSPECTION AND TESTING .....	11
5.	NOTES .....	12
5.1	Revision Indicator.....	12
Figure 1	Sample information displays: aircraft entry to pad .....	8
Figure 2	Sample information displays: aircraft positioning.....	8
Figure 3	Sample information displays: radio frequency (display when AC stops) .....	9
Figure 4	Sample information displays: deicing information.....	9
Figure 5	Sample information displays: aircraft exit .....	9
Table 1	.....	10

## 1. SCOPE

This SAE Aerospace Standard (AS) establishes the minimum standard requirements for message boards (MBs) at designated deicing facilities.

The design of aircraft deicing facilities is covered by ARP4902.

Standards for the deicing facility management system are outside the scope of this document.

### 1.1 Equipment Classification

The MB system may incorporate additional features not addressed in this AS (such as the ability to display quantity or brand of deicing/anti-icing fluids). The incorporation of such additional features, which are not considered essential for system functioning, shall not compromise the system's intended purpose.

### 1.2 Field of Application

#### 1.2.1 Applicable Airplanes

The MB system is applicable to all classes of aircraft using designated deicing facilities.

#### 1.2.2 Applicable Airports

The message board system shall be compatible with airport ground operations operating under ICAO Standards.

### 1.3 System Elements

#### 1.3.1 Message Boards

MBs display variable information that supports the deicing process; these may also include information on aircraft guidance and positioning.

#### 1.3.2 MB Controls

Control of the messages on the boards can be either manual and/or automatically operated.

Through the integration of additional technology, the system may be further enhanced to include resource management, data archiving, retrieval, and recording.

#### 1.3.3 Alternative Applications for MBs

MB technologies may have alternative applications for airport operations (e.g., aircraft/vehicle movement instruction/information).

## 2. REFERENCES

### 2.1 Applicable Documents

The following publications form a part of this document to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.