

ANSI/SIA A92.9-1993 ▼

# American National Standard

*for*  
***Mast-Climbing Work Platforms***

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**American National Standards Institute**

11 West 42nd Street  
New York, New York  
10036

Date of Publication: January 13, 1993

**This Standard will become effective January 13, 1994**

The design and manufacturing requirements of this standard apply to all mast-climbing work platforms manufactured on or after the effective date. All other provisions of this standard apply to both new and existing units delivered by sale, lease, rental or for any form of beneficial use on or after the effective date.

The effective date is established by the standards developer and not by the American National Standards Institute.

This standard was developed under procedures accredited as meeting the criteria for American National Standards. The Consensus Committee that approved the standard was balanced to assure that individuals from competent and concerned interests have had an opportunity to participate. The proposed standard was made available for public review and comment which provides an opportunity for additional public input from industry, academia, regulatory agencies, and the public-at-large.

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**ANSI/SIA  
A92.9-1993**

American National Standard  
**for Mast-Climbing Elevating Work Platforms**

Secretariat

**Scaffold Industry Association, Inc.**

Approved January 13, 1993

**American National Standards Institute, Inc**

## American National Standard

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**Foreword** (This Foreword is not part of American National Standard for Mast-Climbing Work Platforms, ANSI/SIA A92.9-1993.)

This standard is one of a series on aerial platforms developed under the committee procedures of the American National Standards Institute. The A92 standards committee was organized by the Institute in 1948. The Scaffold Industry Association serves as Secretariat.

The primary objective of this standard is to prevent accidents associated with the use of mast-climbing elevating work platforms by establishing requirements for design, manufacture, maintenance, performance, use and training.

ANSI/A92.9 separately addresses each entity to clearly define responsibilities. Care was taken to provide consistency between this and other A92 standards. Definitions have been expanded to clarify interpretation.

### **Interpretations and Suggestions for Improvement**

All inquiries requesting interpretation of the Committee's approved American National Standards must be in writing and directed to the Secretariat. The A92 Committee shall approve the interpretation before submission to the inquirer. (No one but the A92 Committee is authorized to provide any interpretation of this standard.)

The A92 Committee solicits comments on and criticism of the requirements of the standards. The standards will be revised from time to time where necessary or desirable, as demonstrated by the experience gained from the application of the standards. Proposals for improvement of this standard will be welcome. Proposals should be as specific as possible: citing the paragraph number(s), the proposed wording, and a detailed rationale for the proposal including any pertinent documentation.

All requests for interpretation and all suggestions for improvement should be sent to the A92 Committee, Scaffold Industry Association, 20335 Ventura Blvd., Suite 310, Woodland Hills, CA 91364-2471

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee Aerial Platforms, A92. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the Aerial Platforms Committee had the following members.

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	Bobby Reese

This is a preview of "ANSI/SIA A92.9-1993". [Click here to purchase the full version from the ANSI store.](#)

## American National Standard for Aerial Platforms

# Mast-Climbing Work Platforms

### 1. Scope, purpose and application

#### 1.1 Scope

##### 1.1.1 Equipment covered.

This standard applies to Mast-Climbing Work Platforms that are primarily used to position personnel, along with their necessary tools and materials, to perform their work. (See Figure 1 on page 20 for typical examples of equipment covered.) Platforms may be adjustable by manual or powered means.

##### 1.1.2 Equipment not covered

This standard does not apply to the equipment listed below:

- a) Ladder and ladder stands such as those covered in American National Standards for Ladder and Ladder Stands, ANSI A14 series.
- b) Scaffolding such as those covered in American National Standard for Construction and Demolition Operations - Scaffolding - Safety Requirements, ANSI A10.8-1988.
- c) Vehicle-mounted elevating and rotating aerial platforms such as those covered in American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices, ANSI/SIA A92.2-1990.
- d) Non self-propelled elevating aerial platforms such as those covered in American National Standard for Manually Propelled Elevating Aerial Platforms, ANSI/SIA A92.3-1990.
- e) Self-propelled elevating aerial platforms such as those covered in American National Standards for Boom-Supported Elevating Work Platforms, ANSI/SIA A92.5-1992.
- f) Self-propelled elevating aerial platforms such as those covered in American National Standard

for Self-Propelled Elevating Work Platforms, ANSI/SIA A92.6-1990.

g) Safety requirements for airline ground support vehicle-mounted vertical lift devices, American National Standard for Airline Ground Support Vehicle-Mounted Vertical Lift Devices, ANSI/SIA A92.7-1990.

h) Vehicle-Mounted Bridge Inspection and Maintenance Devices, ANSI/SIA A92.8-199X.<sup>1</sup>

i) Suspended Powered Platforms for Exterior Building Maintenance, ANSI A120.1-1992.

j) Vertically adjustable equipment used primarily to raise and lower materials and equipment from one elevation to another such as American National Standards in the AI 7 and B56 series.

k) Fire-fighting equipment such as that covered in American National Standard for Automotive Fire Apparatus, ANSI/NFPA 1901-1985.

l) Construction and demolition operation/digger derricks such as those covered in American National Standard for Construction and Demolition - Digger Derricks - Safety Requirements, Definitions and Specifications, ANSI A10.31-1987.

### 1.2 Purpose

This standard applies to Mast-Climbing Work Platforms to achieve the following objectives:

- a) Prevention of personal injuries and accidents.
- b) Establishment of criteria for design, manufacture, performance, inspection, training, maintenance, testing and operation.
- c) Establishment and understanding by designers, manufacturers, dealers, owners, operators, users, lessors, and lessees of their respective responsibilities.

### 1.3 Application

The rapid development of a wide variety of Mast-Climbing Work Platform designs necessitates the establishment of standards for their design, manufacture, maintenance, training, performance, and use.

<sup>1</sup>At the time of publication of this standard, ANSI/SIA A92.8-199X was under development. Contact the Secretariat for more recent information.