ANSI/SAIA A92.10 – 2023

American National Standard for

TRANSPORT PLATFORMS

SAIA SCAFFOLD & ACCESS INDUSTRY ASSOCIATION

Approved American National Standard ANSI

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AMERICAN NATIONAL STANDARD for Transport Platforms

Secretariat:
Scaffold & Access Industry Association, Inc.

Approved: February 10, 2023
American National Standards Institute, Inc.

American National Standard

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Foreword

This foreword is not part of the American National Standard for A92.10-2023.

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 & Access Industry Association, Inc. serves as Secretariat.

The primary objective of this standard is to prevent accidents associated with the use of Transport Platforms by establishing requirements for design manufacture, installation, maintenance, performance, use and training.

Interpretations and Suggestions for Improvement

All inquiries requesting an interpretation of the Committee's approved American National Standards shall be in writing and directed to the Secretariat. The A92 Committee shall approve the interpretation before submission to the inquirer. Only the A92 Committee is authorized to provide any interpretation of this standard.

All requests for interpretation and all suggestions for improvement shall be forwarded in writing to the ASC A92 Committee, c/o Secretariat ~ Scaffold & Access Industry Association, 400 Admiral Boulevard, Kansas City, MO 64106.

The A92 Committee solicits comments on and criticism of the requirements of the standards. The standards will be revised from time to time when 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.

This Standard was processed and approved for submittal to ANSI by Accredited Standards Committee A92 - Aerial Platforms. The ASC A92 Main Committee's approval of the standard does not necessarily imply that all committee members voted for its approval.

At the time the ASC A92 committee approved this standard, the A92 - Aerial Platforms Committee had the following members:

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Subcommittee A92.10 Standards for Transport Platforms, which developed this standard, had the following members:

Gregory Janda
David Reinert
Ted Beville
Don Allen
Eric Schmidt
James Hinton
Francois Villeneuve
Shanon Beekman
Brett Friedel
Bernard (Barney) Hanna
Kevin O'Shea
Sony Trudel
Daniel J (Dan) Moss
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Ihton Frederick
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Michael Solomon

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American National Standard for Transport Platforms

1. Scope, Purpose, and Application

1.1 Scope and Purpose

This standard applies to Transport Platforms that are primarily used as a tool of the trade to vertically transport authorized persons, along with materials and necessary tools, to various access levels on a building or structure for construction, renovation, maintenance, or other types of work. (See Figure I and Figure II on the following pages for typical examples of equipment covered). Some of the key requirements of this standard include, but are not limited to the following:

a) Only authorized personas defined by this Standard are permitted to be on the Transport Platform. The authorized persons shall have the necessary knowledge or experience or shall have received training prior to being on the Transport Platform. As a minimum, the training for Transport Platforms shall be the same as training requirements for scaffolds as set out in OSHA-CFR Subpart L, Scaffolds -1926.454 -Training Requirements.1 (end of document)
b) the maximum number of authorized persons permitted on the platform shall be limited to the number equaling no more than 50% of the platform rated load capacity at 200 lbs per person
c) the maximum vertical travel speed of the Transport Platform shall not exceed 40 ft/min (12 m/min)
d) the Transport Platform shall operate at a safe minimum travel distance of 18 in. (0.46 m) from the building or structure
e) the Transport Platform shall be operated from controls located on the platform by an authorized person trained by a competent person

1.2 Application

This standard is applicable to transport platforms elevated by a mechanical drive system and guided by and moving along their supporting masts, where the mast requires lateral restraint from separate supporting structures. This standard is applicable to any combination of the following alternatives:

a) one or more masts
b) mast of fixed or variable length
c) vertical masts or inclined between 00 and 300 to the vertical
d) driven using electric, pneumatic, hydraulic motors or internal combustion engines