AMERICAN NATIONAL STANDARD

ANSI/SAIA A92.7 – 2014

for

Airline Ground Support Vehicle-Mounted Vertical Lift Devices

American National Standards Institute
11 West 42nd Street New York, New York 10036

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This Standard was approved by the American National Standards Institute on March 4, 2014

The design and manufacturing requirements of this standard apply to all aerial 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.

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ANSI/SAIA
A92.7-2014

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Secretariat
Scaffold & Access Industry Association, Inc.

Approved March 4, 2014
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FOREWORD

This foreword is not part of American National Standard for Airline Ground Support Vehicle-Mounted Vertical Lift Devices, ANSI/SAIA A9.7-2014.

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 Airline Ground Support Vehicle-Mounted Vertical Lift Devices by establishing requirements for design manufacture, installation, maintenance, performance, use and training.

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 shall be forwarded in writing to the ASC A92 Committee, c/o Secretariat ~ Scaffold & Access Industry Association, 400 Admiral Boulevard, Kansas City, MO 64106

This Standard was processed and approved for submittal to ANSI by Accredited Standards Committee Aerial Platforms, A92 Aerial Work Platforms. The ASC A92 committee 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 Work Platforms Committee had the following members:

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Frank Bonesteel, Vice-Chairman

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Xtreme Manufacturing…… *Richard Hoffelmeyer*

Subcommittee A92.7 on Airline Ground Support Vehicle-Mounted Vertical Lift Devices, which developed this standard, had the following members:

Bob Backer, Chairman……Blazing Technologies
Christopher Barefoot…….. Lift-A-Loft Corporation
Donald Blasdell……..…… Blazing Technologies
Andy Davis…….. LSG Sky Chefs
Bill Fulton……... Lift-A-Loft Corporation
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Jerry Tanner……..… Diversified Inspections/ ITL
Gary Werkhoven……..…… Arrowhead Product Development, Inc
Keith Whitaker……..…. Smith Transportation Equipment

Contents

American National Standard
for Airline Ground Support Vehicle-Mounted Vertical Lift Devices

1. Scope, Purpose and Application

1.1 Scope. This standard applies only to airline ground support vehicle mounted vertical lift devices specifically designed for servicing aircraft while outdoors on a paved airport ramp surface. The chassis may be either a commercial type vehicle or one custom designed to accommodate the vertical lift structures. This standard does not apply to those portions of the airline ground support vehicle intended to facilitate or accommodate passengers as defined in this standard.

1.1.1 Equipment Covered. Typical examples are shown in Figures 1 and 2.

(1) Catering Trucks
(2) Ambulatory Lifts*
(3) Cabin Service
(4) Lavatory Service / Potable Water Truck
(5) Refuelers
(6) Maintenance Lifts
(7) Disabled Passenger Lifts*
(8) Mobile Passenger Lounges*
(9) Cargo Loaders
(10) Staircase Vehicles*

* Excluding requirements specifically applicable to passengers as they are defined in this standard.

1.1.2 Effective Date. The Standard will become effective September 26, 2014 as follows:

(1) Design, manufacture and remanufacture requirements. The design and manufacturing requirements of this Standard shall apply to all airline ground support vehicles produced on and after the effective date. Airline ground support vehicles manufactured on and after the effective date of this standard shall comply with the requirements of this standard.
(2) Rebuild/recondition requirements. Rebuilt/reconditioned airline ground support vehicles shall comply with the standard in effect as of the date of their original manufacture.
(3) Responsibilities for dealers, owners, users, operators, lessors, lessees and brokers. All provisions detailed for dealers, owners, users, operators, lessors, lessees and brokers apply to both new and existing units delivered by sale, lease, rental or any form of beneficial use on or after the effective date

1.1.3 Equipment Not Covered. This standard does not apply to the equipment listed below. When these referenced standards are superseded by a revision, the revision shall apply.

(1) Ladder and ladder stands such as those covered in American National Standards for Ladder and ladder Stands, ANSI A14 Series
(2) Scaffolding such as those covered in American National Standard for Construction and Demolition Operations – Scaffolding-Safety Requirements, ANSI A10.8
(3) Vehicle-mounted elevating and rotating aerial platforms such as those covered in American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices, ANSI/SAIA A92.2
(4) Non-self-propelled aerial platforms wherein the platform is supported by an elevating means that both elevates and rotates relative to the machine base such as those covered in American National Standard Manually Propelled Elevating Work Platforms, ANSI/SAIA A92.3
(5) Self-propelled, drivable work platforms wherein the platform is supported by an elevating means that both elevates and rotates relative to the machine base such as those covered in American National Standard Boom-Supported Elevating Work Platforms, ANSI/SAIA A92.5
(6) Self-propelled vertically adjustable work platforms that are used to position personnel and their tools and necessary materials at overhead work locations such