

ANSI/SAIA A92.7 – 2014

AMERICAN NATIONAL STANDARD

for

**Airline Ground Support
Vehicle-Mounted Vertical Lift
Devices**



*American National Standards Institute
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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.

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ANSI/SAIA
A92.7-2014

AMERICAN NATIONAL STANDARD
for Airline Ground Support Vehicle-Mounted
Vertical Lift Devices

Secretariat
Scaffold & Access Industry Association, Inc.

Approved March 4, 2014
American National Standards Institute, Inc.

AMERICAN NATIONAL STANDARD

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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.

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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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Contents

Section		Page#
1	Scope, Purpose and Application.....	13
1.1	Scope.....	13
1.1.1	Equipment Covered.....	13
1.1.2	Effective Date.....	13
1.1.3	Equipment Not Covered.....	13
1.2	Purpose.....	14
1.3	Requirements.....	14
2	Referenced and Related American National Standards and SAIA Publications.....	14
2.1	Referenced American National Standards.....	14
2.2	Other Referenced Standards.....	14
2.3	Related American National Standards.....	15
2.4	Referenced Scaffold & Access Industry Association Publications.....	15
2.5	Related Scaffold & Access Industry Association Publications.....	15
3	Definitions.....	15
4	Responsibilities of Manufacturers.....	18
4.1	Basic Principles.....	18
4.2	Design and Construction Requirements.....	18
4.2.1	General.....	18
4.2.2	Chassis.....	18
4.2.3	Construction Materials.....	18
4.3	Load Ratings.....	18
4.3.1	Rated Work Load.....	18
4.3.2	Multiple Ratings.....	19
4.4	Quality Control.....	19
4.5	Proof Test.....	19
4.6	Welding Standards.....	19
4.7	Structural Strength Factors.....	19
4.7.1	Ductile Elements.....	19
4.7.2	Non-Ductile Elements.....	19
4.7.3	Structural Strength Factor Formulas.....	19
4.8	Controls.....	20
4.8.1	Upper Controls.....	20
4.8.2	Lower Controls.....	20
4.8.3	Emergency Stop Device.....	20
4.8.4	Emergency Lowering.....	20
4.8.5	Outrigger Controls.....	20
4.9	Stability Testing.....	20
4.9.1	Vertical Load Test.....	20
4.9.2	Static Load Test on Slope.....	21
4.9.3	Wind Loading.....	21
4.9.4	Wind Stability Verification.....	21
4.10	Test Requirements for Driving.....	21
4.10.1	General.....	21
4.10.2	Test Fixture.....	21
4.11	Interlock Requirements.....	21

4.11.1	Driving.....	22
4.11.2	Stabilizing Devices.....	22
4.12	Bursting Safety Factors.....	22
4.13	Hydraulic Cylinders.....	22
4.13.1	Safety Factors.....	22
4.13.2	Column Load.....	22
4.13.3	External Load.....	22
4.13.4	Threaded Components.....	22
4.13.5	Hydraulic Pressure Rise.....	22
4.14	Unintended Platform Motion.....	22
4.14.1	Hydraulic/Pneumatic System.....	22
4.14.2	Wire Rope/Chain System.....	22
4.15	Unintended Retraction of Outriggers and Stabilizers.....	23
4.16	Personal Protection and Warning.....	23
4.16.1	Personal Protection.....	23
4.16.2	Warning for Platform Lowering.....	23
4.17	Platforms.....	23
4.17.1	Width and Surface.....	23
4.17.2	Guardrail System.....	23
4.17.3	Flexible Materials.....	23
4.17.4	Structural Integrity.....	23
4.17.5	Toeboards.....	23
4.17.6	Access.....	23
4.18	Anchorage(s) for Personal Fall Protection.....	24
4.19	Instructions and Markings.....	24
4.19.1	Manufacturer's (Remanufacturer's) Information.....	24
4.19.2	Platform Workloads.....	25
4.19.3	Manufacturer Safety Bulletins.....	25
4.20	Manuals.....	25
4.20.1	Operator's Manual.....	25
4.20.2	Repair and Parts Manual.....	25
4.21	Weather-Resistant Storage.....	25
4.22	Electrical System.....	25
4.23	Training and Training Materials.....	25
4.24	Manufacturer as Dealer.....	25
4.25	Remanufacture.....	25
4.26	Provision for Passengers.....	25
5	Responsibilities of Dealers and Installers.....	26
5.1	Basic Principle.....	26
5.2	Manuals.....	26
5.2.1	Machine Manual(s).....	26
5.2.2	Manual of Responsibilities.....	26
5.3	Pre-delivery Preparation.....	26
5.4	Maintenance, Inspection and Repair.....	26
5.4.1	Maintenance.....	26
5.4.2	Inspection.....	26
5.4.3	Repairs.....	26
5.5	Maintenance Safety Pprecautions.....	26
5.6	Replacement parts.....	26

5.7	Training.....	26
5.8	Familiarization on Delivery.....	27
5.9	Dealer or Installer as User.....	27
5.10	Assistance to Owners and User.....	27
5.11	Record Retention and Dissemination.....	27
5.11.1	Record Retention.....	27
5.11.2	Proof of Training.....	27
5.11.3	Record Dissemination.....	27
5.12	Modifications.....	27
5.13	Manufacturer’s (Remanufacturer’s) Safety Bulletins.....	28
5.14	Responsibilities Upon Sale.....	28
5.15	Vehicle Specifications.....	28
5.16	Vehicle Weight Distribution.....	28
5.17	Installations.....	28
5.18	Provision for Passengers.....	28
6	Responsibilities of Owners.....	28
6.1	Basic Principles.....	28
6.2	Responsibilities Upon Purchase.....	28
6.3	Manuals.....	29
6.3.1	Machine Manual(s).....	29
6.3.2	Manual of Responsibilities.....	29
6.4	Maintenance, Inspection and Repair.....	29
6.4.1	Maintenance.....	29
6.4.2	Inspection.....	29
6.4.3	Repairs.....	29
6.5	Pre-delivery Preparation.....	29
6.6	Frequent Inspection.....	29
6.7	Annual Inspection.....	30
6.8	Maintenance and Repair Safety Precautions.....	30
6.9	Replacement Parts.....	30
6.10	Maintenance and Repair Training.....	30
6.11	Training.....	30
6.11.1	Operator Training.....	30
6.11.2	Assistance to User.....	30
6.12	Familiarization Upon Delivery.....	30
6.13	Operation.....	31
6.14	Assistance to Others.....	31
6.15	Record Retention and Dissemination.....	31
6.15.1	Record Retention.....	31
6.15.2	Proof of Training.....	31
6.15.3	Record Dissemination.....	31
6.16	Modifications.....	31
6.17	Manufacturer’s Safety Bulletins.....	31
6.18	Responsibilities Upon Sale.....	31
6.19	Provision for Passengers.....	32
7	Responsibilities of Users.....	32
7.1	Basic Principles.....	32
7.2	Manuals.....	32
7.2.1	Machine Manual(s).....	32

7.2.2	Manual of Responsibilities.....	32
7.3	Inspection and Maintenance.....	32
7.3.1	Frequent Inspection.....	32
7.3.2	Annual Inspection.....	32
7.3.3	Prestart Inspection.....	32
7.3.4	Maintenance Safety Precautions.....	33
7.4	Replacement Parts.....	33
7.5	Maintenance and Repair Training.....	33
7.6	Operator Training and Retraining.....	33
7.6.1	Trainee Records.....	33
7.7	Familiarization Before Use.....	33
7.8	Workplace Inspections.....	33
7.9	Determination of Hazardous Locations.....	34
7.10	Operator Warnings and Instructions.....	34
7.11	User as Operator.....	36
7.12	Shutdown of Aerial Platform.....	36
7.13	Record Retention and Dissemination.....	36
7.13.1	Record Retention.....	36
7.13.2	Record Dissemination.....	37
7.13.3	Proof of Training.....	37
7.14	Modifications.....	37
7.15	Manufacturer’s Safety Bulletins.....	37
7.16	Provision for Passengers.....	37
8	Responsibilities of Operators.....	37
8.1	Basic Principles.....	37
8.2	Manuals.....	37
8.2.1	Machine Manuals.....	37
8.2.2	Manual of Responsibilities.....	37
8.3	Prestart Inspection.....	37
8.4	Problems or Malfunctions.....	38
8.5	Training, Retraining, and Familiarization.....	38
8.5.1	General Training.....	38
8.5.2	Retraining.....	38
8.5.3	Familiarization.....	38
8.6	Before Operation.....	38
8.7	Workplace Inspection.....	38
8.8	Prior to Each Elevation.....	39
8.9	Understanding of Hazardous Locations.....	39
8.10	Operator Warnings and Instructions.....	39
8.11	Record of Training.....	41
8.12	Provision of Passengers.....	41
9	Responsibilities of Lessors.....	41
9.1	Basic Principles.....	41
9.2	Lessor as a Dealer.....	41
9.3	Lessor as an Owner.....	41
9.4	Lessor as a User.....	42
9.5	Lessor as an Operator.....	42
9.6	Provision for Passengers.....	42
10	Responsibilities of Lessee.....	42

10.1	Basic Principles.....	42
10.2	Lessee as a Dealer.....	42
10.3	Lessee as an Owner.....	42
10.4	Lessee as a User.....	42
10.5	Lessee as an Operator.....	42
10.6	Provision for Passengers.....	42
11	Responsibilities of Broker.....	42
11.1	Responsibilities Upon Sale.....	42
11.2	Responsibilities with Re-Rents, Leases, or Any Other Form of Beneficial Use.....	42
11.3	Provision for Passengers.....	42

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/SIA 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/SIA 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/SIA 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