

ANSI/SIA A92.3 - 2006

AMERICAN NATIONAL STANDARD

for

**Manually Propelled
Elevating Aerial Platforms**



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**ANSI/SIA
A92.3-2006**

Revision of
ANSI A92.3-1990

**AMERICAN NATIONAL STANDARD
MANUALLY-PROPELLED
ELEVATING AERIAL PLATFORMS**

Secretariat
Scaffold Industry Association, Inc.

Approved February 9, 2006
American National Standards Institute, Inc.

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Foreword This Foreword is not part of American National Standard for Manually Propelled Elevating Aerial Platforms, ANSI/SIA A92.3-2006.

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, Inc. serves as Secretariat.

The primary objective of this standard is to prevent accident associated with the use of Manually propelled elevating aerial platforms by establishing requirements for design, manufacture, maintenance, performance, use and training.

This revision to ANSI/SIA A92.3 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 shall be forwarded in writing to the ASC A92 Committee, c/o Secretariat ~ Scaffold Industry Association, Post Office Box 20574, Phoenix, AZ, 85036-0574.

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee Aerial Platforms, A92. 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 Aerial Platforms Committee had the following members.

David Merrifield - Chairman
Merrifield Safety Consulting PPC

Lincoln F. Schoenberger – Vice-Chair
OEM Controls, Inc.

<i>Organization Represented</i>	<i>Name of Representative</i>
Association of Equipment Manufacturers – MADDC.....	Roger Woodling
Altec Hi Line.....	Gary Werkhoven
Altec Industries.....	Bryan D. Player
American Rental Association.....	Richard Stollery
Brewington & Company.....	John J. Brewington
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Carolina Power & Light Company.....	John W. Cook, Jr. Ronald Upchurch
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Chuck Foster c/o Edison Electric Institute.....	Gene Tootle Janet Fox
Diversified Inspections / ITL.....	Leland S. Bisbee Joe Vanderlugt
Donald Reichert & Associates.....	Donald Reichert, P.E.
Eckstine & Associates.....	Dennis Eckstine
Equipment Safety Consultants, Inc.....	Charles "Mark" Recard
Florida Power & Light Company.....	Robert H. Sterba Mike Paulson
Fraco Products.....	Francois Villeneuve Tim Riley
Genie Industries.....	Rick Curtin Ronald W. Barnhart
George Robson Construction Ltd.....	C. Denton Elliott
Global Rental Company.....	Joshua Chard
Hayden Enterprises.....	H.B. Bud Hayden, Jr.
Hydro-Mobile, Inc.....	Vincent DeQuoy
IEEE.....	Lewis M. Whisonant
Intercontinental Equipment Company, LLC.....	Gary A. McAlexander
Intervect USA.....	Gregory E. Janda
JLG Industries, Inc.....	Stephen Forgas Todd Miorin
Lift-A-Loft Corporation.....	William P. Fulton William Barefoot
MAT-3, Inc.....	John J. Mlaker Thomas Biddle
New York State Department of Transportation.....	Francis L. Bonesteel
Ontario Hydro.....	Ernest A. Jones
PCD, LLC.....	Paul Young
Phenix Technologies.....	Mark A. Miller
Pike Electric, Inc.....	Zach Blackmon
Pinguley-Haulotte.....	Salah Beji
Progress Energy Florida.....	F.J. Wooldridge
Rental Service Corporation.....	Ben Fort John Laurin
Reynolds Engineering Services, Inc.....	Stephen Reynolds, P.E.
Safety Dynamicon, Inc.	Ernest Merz Sean Grieve
Scaffold Industry Association.....	David Merrifield
Skyjack, Inc.....	Brad Boehler
Snorkel International.....	Richard L. Hoffelmeyer
Southern Company.....	Douglas Bailey Richard Harper
Sunbelt Rentals.....	Byron Adkins
Terex Aerials.....	Norman C. Hargreaves
Terex-Telelect.....	Elroy D. Severson

The Von Corporation.....	Fred H. von Herrmann
Time Manufacturing Company.....	Ken Krause
	Scott Smith
United Airlines.....	Arun Hattangady
UpRight International Mfg., Ltd.	David White
	Barris Evulich
USDOL/OSHA.....	Garvin Branch
Waco Boom Company.....	Bob Simon
	Louis Haak

Subcommittee A92.3 Manually Propelled Elevating Aerial Platforms, which developed this standard, had the following members:

Rick Curtin, Genie Industries – Chairman	James Kerr, Cotterman Company
Byron G. Adkins, Sunbelt Rentals	Les Knoll, Packer Engineering Inc.
Salah Beji, Pinguley-Haulotte	Evaldas Latvys, Evaldas Latvys Consulting Engr.
Brad Boehler, Skyjack, Inc.	Todd Miorin, JLG Industries Inc.
Rick Curtin, Genie Industries	Donald Reichert, Donald Reichert & Associates
Barris Evulich, Evulich & Associates	Richard Stollery, GAR Equipment
Steve Forgas, JLG Industries	James R. Tomaseski, IBEW
Lyle D. Grider, P.E., Consulting Services	
Herb Johnson, Missouri AFL/CIO	
Garvin Branch, USDOL/OSHA	
Kent H. Jorgensen, IATSE Motion Picture	

CONTENTS

SECTION	PAGE
1. Scope, Purpose, and Application	1
1.1 Scope	1
1.1.1 Equipment Covered	1
1.1.2 Effective Dates	1
1.1.3 Equipment Not Covered	1
1.2 Purpose	1
1.3 Application	2
2. Referenced and Related American National Standards	2
2.1 Referenced American National Standards	2
2.2 Other Referenced Standards and Regulations	2
2.3 Related American National Standards	2
2.4 Referenced Scaffold Industry Association Publication(s)	3
2.5 Related Scaffold Industry Association Publication(s)	3
3. Definitions	3
4. Responsibilities of Manufacturers	5
4.1 Basic Principles	5
4.2 Structural Safety Factors	5
4.2.1 Ductile Elements	5
4.2.2 Nonductile Elements	5
4.2.3 Structural Safety Factor	5
4.3 Wire Rope or Chain	5
4.4 Bursting Safety Factors	6
4.5 Welding Standards	6
4.6 Electrical Wiring and Equipment	6
4.7 Rated Work Load	6
4.7.1 Multiple Ratings.....	6
4.8 Stability Testing	6
4.8.1 Horizontal Load Test	6
4.8.2 Vertical Load Test	6
4.8.3 Stability on Slope	6
4.8.4 Stability Procedures	6

4.9	Interlock Requirements	7
4.10	Level Indicator	7
4.11	Controls	7
4.11.1	Controls for Manually Elevated Platforms	7
4.11.2	Controls for Power Elevated Platforms	7
4.11.2.1	Upper Controls	7
4.11.2.2	Emergency Lowering	7
4.11.2.3	Emergency Stop Device	7
4.11.2.4	Control System Protection	7
4.11.2.5	Security	7
4.12	Platforms	7
4.12.1	Width, Length, and Surface	7
4.12.2	Guardrail Systems Controls for Power Elevated Platforms	7
4.12.2.1	Flexible Materials	7
4.12.2.2	Toprail	7
4.12.2.3	Midrail	7
4.12.2.4	Structural Integrity	7
4.12.3	Toeboards	8
4.12.4	Access	8
4.12.5	Anchorage(s) for Personal Fall Protection	8
4.13	Brakes Lateral Motion	8
4.14	Power System	8
4.14.1	Fuel and Exhaust	8
4.14.2	Batteries Protection and Inspection	8
4.15	System Protection	8
4.15.1	Electromechanical System	8
4.15.2	Hydraulic or Pneumatic System	8
4.15.3	Tension Hoist System	8
4.15.4	Platform Beyond Base	8
4.15.5	Outrigger and Stabilizers	9
4.16	Personal Protection	9
4.17	Quality Control	9
4.18	Proof Test	9
4.19	Instructions and Markings	9

4.20 Operating and Maintenance Manuals	9
4.21 Weather-Resistant Storage	10
4.22 Repair and Parts Manual	10
4.23 Training Information and Materials	10
4.24 Manufacturer as Dealer	10
5. Responsibilities of Dealers	10
5.1 Basic Principles	10
5.2 Manuals	10
5.2.1 Machine Manual(s)	10
5.2.2 Manual of Responsibilities	10
5.3 Predelivery Preparation	10
5.4 Maintenance, Inspection and Repair	10
5.4.1 Maintenance	10
5.4.2 Inspection	10
5.4.3 Repairs	10
5.5 Maintenance Safety Precautions	10
5.6 Replacement Parts	11
5.7 Training	11
5.8 Familiarization upon Delivery	11
5.9 Dealer as a User	11
5.10 Assistance to Owners and Users	11
5.11 Record Retention and Dissemination	11
5.11.1 Record Retention	11
5.11.2 Proof of Training	11
5.11.3 Record Dissemination	12
5.12 Modifications	12
5.13 Manufacturer's Safety Bulletins	12
5.14 Responsibilities upon Sale	12
6. Responsibilities of Owners	12
6.1 Basic Principles	12
6.2 Responsibilities Upon Purchase	12
6.3 Manuals	12
6.3.1 Machine Manual(s)	12
6.3.2 Manual of Responsibilities	12

6.4 Maintenance, Inspection and Repair	12
6.4.1 Maintenance	12
6.4.2 Inspection	13
6.4.3 Repairs	13
6.5 Predelivery Preparation	13
6.6 Frequent Inspection	13
6.7 Annual Inspection	13
6.8 Maintenance Safety Precautions	13
6.9 Replacement Parts	13
6.10 Maintenance Training	13
6.11 Training	14
6.11.1 Operator Training	14
6.11.2 Assistance to Users	14
6.12 Familiarization upon Delivery	14
6.13 Operation	14
6.14 Assistance to Users and Operators	14
6.15 Record of Dissemination	14
6.15.1 Record Retention	14
6.15.2 Proof of Training	14
6.15.3 Record Dissemination	14
6.16 Modification	15
6.17 Manufacturer's Safety Bulletins	15
6.18 Responsibilities upon Sale	15
7. Responsibilities of Users	15
7.1 Basic Principles	15
7.2 Manuals	15
7.2.1 Machine Manual(s)	15
7.2.2 Manual of Responsibilities	15
7.3 Inspection and Maintenance	15
7.3.1 Frequent Inspection	15
7.3.2 Annual Inspection	15
7.3.3 Prestart Inspection	15
7.3.4 Maintenance Safety Precautions	16
7.4 Replacement Parts	16

7.5 Maintenance Training	16
7.6 Operator Training and Retraining	16
7.6.1 Trainee Records	16
7.7 Familiarization Before Use	16
7.8 Work Place Inspection	16
7.9 Determination of Hazardous Locations	16
7.10 Operator Warnings and Instruction	17
7.11 User as Operator	18
7.12 Assistance to Operator	19
7.13 Shutdown of Aerial Platform	19
7.14 Record Retention and Dissemination	19
7.14.1 Record Retention	19
7.14.2 Record Dissemination	19
7.14.3 Proof of Training	19
7.15 Modifications	19
7.16 Manufacturer's Safety Bulletins	19
8. Responsibilities of Operators	19
8.1 Basic Principles	19
8.2 Manuals	19
8.2.1 Machine Manual(s)	19
8.2.2 Manual of Responsibilities	20
8.3 Prestart Inspection	20
8.4 Problems or Malfunctions	20
8.5 Training, Retraining, and Familiarization	20
8.5.1 General Training	20
8.5.2 Retraining	20
8.5.3 Familiarization	20
8.6 Before Operation	20
8.7 Workplace Inspection	20
8.8 Prior to Each Elevation	21
8.9 Understanding of Hazardous Locations	21
8.10 Operator Warning and Instructions	21
8.11 Record of Training	23
9. Responsibilities of Lessors	23

9.1 Basic Principles	23
9.2 Lessor as a Dealer	23
9.3 Lessor as an Owner	23
9.4 Lessor as a User	23
9.5 Lessor as an Operator	23
10. Responsibilities of Lessees	23
10.1 Basic Principles	23
10.2 Lessee as a Dealer	23
10.3 Lessee as an Owner.....	23
10.4 Lessee as a User	23
10.5 Lessee as an Operator	23
11. Responsibilities of Broker	24
11.1 Responsibilities upon Sale	24
11.2 Responsibilities upon Re-rent, Lease, or any other form of Beneficial Use.....	24

American National Standard for Manually Propelled Elevating Aerial Platforms

1. Scope, Purpose, and Application

1.1 Scope

1.1.1 Equipment Covered. This standard applies to manually propelled, integral chassis aerial platforms having a platform that cannot be positioned completely beyond the base and are used to position personnel, along with their necessary tools and materials, at work locations. Platforms are adjustable by manual or powered means and shall not be occupied when moved horizontally. (See Figure 1 for examples.)

1.1.2 Effective Dates. The standard will become effective August 28, 2006 as follows:

(1) Design, manufacture, and remanufacture requirements. The design and manufacturing requirements of this standard will apply to all aerial platforms manufactured on or after the effective date. Aerial platforms remanufactured on or after the effective date of this standard shall comply with the requirements of this standard.

(2) Rebuild/recondition requirements. Rebuilt/reconditioned aerial platforms shall comply with the standard in effect as of the date of their original manufacture.

(3) Responsibilities for dealers, owner's 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:

(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 A10.8-1988

(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 A92.2-2001

(4) Self-propelled elevating aerial platforms such as those covered in American National Standard for Boom-Supported Elevating Work Platforms, ANSI A92.5-2006

(5) Self-propelled elevating aerial platforms such as those covered in American National Standard for Self-Propelled Elevating Work Platforms, ANSI/SIA A92.6-1999

(6) 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 (reaffirmed 1998)

(7) Vehicle-Mounted Bridge Inspection and Maintenance Devices, ANSI/SIA A92.8-1993 (reaffirmed 1998)

(8) Mast Climbing Work Platforms, ANSI/SIA A92.9-1993 (reaffirmed 1998)

(9) Suspended powered platforms for exterior building maintenance, ANSI A120.1-1992

(10) Vertically adjustable equipment used primarily to raise and lower materials and equipment from one elevation to another such as American National Standards in the A17 B30 and B56 series

(11) Fire-fighting equipment such as that covered in American National Standard for Automotive Fire Apparatus, ANSI/NFPA 1901-1991

(12) Construction and demolition operation digger derricks such as those covered in American National Standard for Construction and Demolition — Safety Requirements, Definitions and Specifications, ANSI A10.31-1995

1.2 Purpose. This standard applies to manually propelled elevating aerial platforms to achieve the following objectives: