

**AES RAPTOR**  
**SAFETY GATOR** <sup>TM</sup>  
*Residential Fall Protection System*

PATENT PENDING



## Spec Data Sheet

**DIMENSIONS**

**LENGTH** 64" (without handle attached)  
 99" (with handle attached)  
**WIDTH** 30"  
**HEIGHT** 39"

**OPERATIONAL DIMENSIONS**

**LENGTH** 68" (99" with handle attached)  
**WIDTH** 50"

**WEIGHTS**

**DRY WEIGHT** 410 Pounds  
**OPERATIONAL WEIGHT** 1490 Pounds

**TIRES**

Solid Polyurethane 18 x 8.5 x 8 flat free tires, needle bearings with grease zirks

**TANK CAPACITY**

145 Gallons

**WARRANTY**

Manufacturers limited warranty covers any defect in workmanship or materials – One year from date of purchase

**BRAKE SYSTEM**

Manual—Dual Self Locking Pins

**LID OPENING**

13 ¾" x 13 ¾"

**FALL PROTECTION STANDARDS**

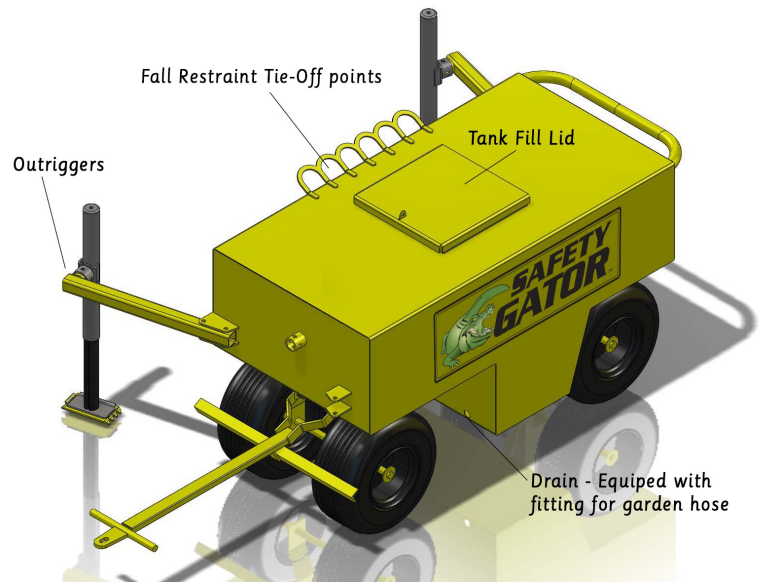
1926.502 (D) Fall Arrest Anchor

**TIE-OFF CONFIGURATIONS**

6 Man Fall Restraint



**TOLL-FREE 1-888-990-2990**  
**WWW.RAPTORSAFETY.COM**



# SAFETY GATOR™

Steep Slope Fall Protection



## AES RAPTOR TESTING METHODOLOGY

### Purpose of Testing

Testing of the AES Raptor, LLC Mobile Fall Protection Carts (AES) is to confirm their ability to meet or Exceed OSHA Compliance Regulations and Standards set forth for Personal Fall Arrest Systems in 1926.502 section d.

All Testing was performed to simulate stopping a fall in real-life situations. All life lines, lanyards, cables and connectors hooked to the Raptor during testing have



been ANSI certified and tested by the manufacturer.



R1000-07	Fall Arrest for one
R1000-08.5	Fall Arrest for two (DogBone Attachment)
R1000-09	Fall Arrest for two
TriRex-09	Fall Arrest for three

### AES RAPTOR, LLC

> The Raptor R1000 and TriRex Systems are compliant with OSHA regulation 1926.502 (d) for Fall Arrest.

> The Raptor Fall Protection Carts are part of complete fall arrest systems.

### Testing Methodology

Testing the AES Raptor Mobile Fall Protection Carts was done in a precise scientific method allowing collection of data and analysis through observation, experimentation, formulation and testing of a Hypotheses. These steps must be done in a repeatable fashion in order to dependably predict any future results of the products.

AES used a Third party observer to verify that all of the test were performed and recorded in the aforementioned paragraph. AES also used an independent Engineering firm to confirm that all of the components used in the Patent Pending Arresting Arm meet the required OSHA standards and regulations.

OSHA [1926.502\(d\)\(15\)](#)

Anchorage used for attachment of personal fall arrest equipment shall be independent of any anchorage being used to support or suspend platforms and capable of supporting at least 5,000 pounds (22.2 kN) per employee attached, or shall be designed, installed, and used as follows:

[1926.502\(d\)\(15\)\(i\)](#)

as part of a complete personal fall arrest system which maintains a safety factor of at least two; and

[1926.502\(d\)\(15\)\(ii\)](#)

under the supervision of a qualified person.

