

# Pasadena Fire Department



## **Air Rescue Cushion**

### What Is It

It is an inflatable cushion composed of a larger upper cell and a smaller lower cell, Used for persons falling from a height 100 ft. or less.

### Does It Have Another Name

Jumper/Air Bag 32

### Manufacture

Space walk Inc. Model 100A

### Where Is It Found In the Station (Company)

On Utility 32 at Station 32



### Preventive Maintenance

- Inspect cushion and blowers after every use
- The Air Cushion comes with a repair kit for minor cuts, If the Cushion sustains major damage it must go in for repair
- The Cushion should be cleaned with cold water and a deck brush; do not roll it up until completely dry.



### Additional Equipment Used In Conjunction

- Generator Honda EB 4000 watt
- Electrical Cords
- Two Electrical Blowers, Dayton
- Ballistic Nylon Cushion Carrier with sewn handles and strap.



### Safety In Operating Tool

- Use back and legs to lift
- Use 2 firefighters to carry each blower, and 6 other members to carry the cushion.

### Give Examples of Use

Falling person  
Attempted suicide

### Demonstration

- Move all necessary equip. to a pre-deployment area. Do not set up Cushion in target area. To jumper above, the Air Rescue Cushion may appear to be fully inflated when it is not.
- Place air cushion on ground and unroll to desired location
- Roll air socks out flat
- Attach air socks to blowers and cinch draw straps tight.
- Plug blowers into portable 4000 watt generator.
- Walk around the cushion to insure that the breather port flaps are straight and hanging vertically, outside of the bag.



- Utilize webbing loops attached to straps on corners of the bag to drag cushion to target area when it is fully inflated.
- A minimum of one officer and two firefighters should assist Police with controlling the jumper from the top. This can be done with ladders, pike poles etc.



**Additional Notes**

- Law Enforcement is in charge of a suspected jumper incident.
- Instructions on how to fall/jump. Instruct the person to fall as if they were sitting down. When falling into position, the body will naturally rotate causing the person to land on the small of the back. If two people must jump at the same time, they should hug each other tightly from the moment they jump to impact. If they fall separately injury can occur.
- Additional information can be found on Policy 6000

**General Specifications**

Made of: Reinforced Vinyl, fabric tear strength 50 psi  
 Max Weight Capacity **100 lb**  
 Width 20ft  
 Length 50ft.  
 Weight 360 lbs  
 Inflation Time 60-90 seconds  
 Re-Inflation 20 seconds



( Inside View)

