

The Airlift by Fido Pro (patent pending)

Design Features and Benefits

The Airlift by Fido Pro is the first of its kind, emergency dog rescue sling / harness. There are some very distinct and unique design features of the Airlift that make it lightweight and packable yet very strong. The Airlift features a unique webbing-frame and Y-Strap suspension system, with eight-points-of-contact that provide excellent weight distribution and comfortable ride for the dog and carry for the person.

1. **Webbing Frame:** Fido Pro uses the finest lightweight polypropylene webbing to sew our webbing frame that surrounds the cloth body. This makes the Airlift lightweight (size M and L, 8 oz), very strong and provides great weight distribution for the dog.
2. **Eight Points of contact:** The webbing frame that surrounds the cloth body of the Airlift is attached to the shoulder straps by using an eight-point-of-contact suspension system. This is a key component of the Airlift. The eight-points-of-contact distribute the dog's weight horizontally and evenly.
3. **Y-Straps:** Another unique and key design feature of the Airlift. The Y-shaped-straps attach to the webbing frame and cloth body using eight points along the webbing frame. The Y-Straps come together at a point where they are box-stitched to the shoulder straps. This narrows the distance between the shoulder straps so that the shoulder straps can securely fit across the shoulders, without sliding down the shoulders.
4. **Cloth Body:** Made from breathable, lightweight pack cloth. This cloth is flexible allowing the cloth to mold around the dog's body so that the dog is not rubbing against a rigid type of fabric.
5. **Tapered design:** The body of the Airlift is tapered, wider in the front or chest cavity and narrower in the rear or hind end. Thus providing a more ergonomic fit for the dog and more balanced load for the person.
6. **X-Box or Double-Bar-Tac construction:** All critical points are sewn using these techniques making the Airlift capable of lifting heavy loads.
7. **Leg-Holes:** Cut to accommodate a wide range of dog sizes and finished with fabric binding in order to prevent or minimize rubbing.
8. **Shoulder Straps:** 1.5-inch heavy-duty polypropylene webbing, sits comfortably and securely across the shoulders with adjustable length / fit, for a wide range of human body types.
9. **YKK Side-Release Buckles:** We use the industry leading brand of YKK buckles for our shoulder straps. These buckles along with the heavy-duty webbing we use for our shoulder straps provide excellent "purchase" or interface between webbing and the buckle-teeth, for a very secure and custom fit.
10. **Sternum-Strap:** Adjustable strap with side-release buckle attaches across the chest to help secure the load and narrow the shoulder straps to stay secure across the shoulders.
11. **Feather-Weight Shoulder Padding (1 oz):** Can be purchased separately for those wanting extra comfort. Padding is not included as part of the Airlift shoulder straps. The Airlift is designed to be very lightweight and take up minimal space. For those wanting extra comfort these pads fit nicely down the sides of, or at the bottom of a backpack.

Airlift XL-2 TPACS (Two Person Assisted Carry System)

We took our original size XL Airlift and modified it to enable a second person to get involved with loading the dog and assisting the primary carrier. All current model XL's (purchased after February 15, 2020) come with the 2-person modifications included and can be used as a single person carry system or as a two person carry (accessories purchased separately or as the XL-2 Package). The XL-2 Package includes; one size XL Airlift, one set of shoulder pads, one set of daisy-chain-straps with spring lock carabiner.

Airlift XL Modifications / Additions

Please refer to the Airlift-2 digital instructions for more detail on how to use the modifications and Airlift XL-2 accessories.

1. **Two Metal O-Rings:** Sewn onto the webbing frame in the front of the Airlift (chest) and midsection. Used as anchor points for the daisy-chain-straps, to assist in lifting the dog onto the primary carriers back and to assist in carrying some of the weight.
2. **Plastic D-ring guides:** There are two front D-rings and one midsection D-ring that the daisy-chain-straps should be passed through when using the metal O-rings. The plastic D-rings act as guides to keep the daisy-chain-straps in the correct position.
3. **Shoulder Strap Anchor Points:** Anchor points on the front side of the shoulder straps are clipped into with the daisy-chain-straps to assist in pulling from the front, up steep hills. The back facing anchors points are used to assist on the downhill.
4. **Daisy-Chain-Straps:** 6 feet in length with 6 hand-loops to adjust length as needed. Come with two, snap-link carabiners attached to the end. These straps are very versatile and can assist in braking for the primary carrier down steep hills and assist in pulling the carrier up hill. They are also useful in helping the primary carrier load the dog onto their back and for balance and movement over rough terrain.
5. **Snap-Link Carabiners:** Used to attach the daisy-chain-straps to the anchor points on the size XL Airlift. Carabiners are weight tested to 500 lbs.