

# PARACHUTES

## SOFTIE EMERGENCY PARACHUTES

### MINI-SOFTIE



An extremely comfortable State-of-the-art lightweight emergency parachute system designed to fit into the restricted cockpits of today's aircraft. The steerable conical canopy is designed for a 240# maximum suspended weight. System size and weight 2"x15" w. x 24" long. 14 lbs.

P/N 13-03505-X .....

### MICRO-SOFTIE

A narrower version of the Mini-Softie with a 13" wide harness designed to stay secure over the shoulders of slightly built people. The steerable conical canopy is designed for 180# maximum suspended weight. System size and weight 2"x13" w. x 23" long. 13 lbs.

P/N 13-03510-X .....

### LONG-SOFTIE

Specifically designed for today's high-tech soaring machines and aerobatic aircraft which have little if any cockpit room. The Long-Softie comes complete with a steerable conical canopy designed for 240# maximum suspended weight. System size and weight 2"x15" w. x 35" long. 15 lbs.

P/N 13-03515-X .....

### SOFTIE-SEAT PACK

Container and harness only. Order a parachute separately or specify type of parachute you have to make sure container is suitable size.

P/N 13-03520-X .....

### WEDGE-SOFTIE

A wedged shaped version of the popular MINI-SOFTIE and MICRO-SOFTIES. The WEDGE-SOFTIE is designed specifically to add lumbar and sacral support during high positive "G" maneuvers. Ideal for the upright scatting found in Pitts style seating. Specifications: 3" thick at bottom, 1/2" thick at top x 14" wide x 24" long. Canopy Type: Slecrable Conical\*. Total weight: 14 lbs.

P/N 13-03524 .....

**NOTE:** Complete the Part Number with Color (-1) Red, (-2) Black (-3) Royal Blue, (-4) Navy Blue, (-5) Grey, (-6) Sage Green or (-7) Olive Drab. Also complete P/N with "C" for Conventional or "A" for Aerobatic. Example: P/N 13-00000-5A.



### PREMIUM TRIM PARACHUTE

360/425/490" Premium Trim Emergency Back Parachutes. Includes: Snaps on legs, Snaps on thread thru adapter on the chest, free carrying bag. **Features:** \* Color Choices: Black or Red or Navy Blue (Black Trim & Harness). \* Hardware: B-12 Snaps on Leg Straps, Thread-thru on Chest. \* Logic: Mass produce in "standard configuration" with limited colors. \* Free Carry Bag Included \* Same quality parachute system that performs equally as the pre-existing "Signature Series" without frills or options.

Description	Part No.	Price
Premium National Flat Red	13-06263	.
Premium National Flat Black	13-06264	.
Premium National Flat Navy	13-06265	.

## PARA-CUSHION EMERGENCY PARACHUTES

 Each Para-Cushion system features the patented Pop-Top type container with the externally mounted pilot chute which provides a flat profile while worn and gives a quick and positive send off when released. The canopy risers are neatly hidden in built-in channels contoured into the container. Each container is padded with a luxurious 1/2" (1cm) layer of Confor™ foam, covered with rich silver grey velour fabric. The harness utilizes a light weight fixed-dimension main lift web with individual leg strap design for ease of walking and maximum cockpit movement while saving weight and space. Fully adjustable. Deployment is ripcord actuated with the handle located at the front left side of the harness. Each system is assembled with the popular 26 ft diameter MID-LITE canopy freshly packed by an FAA licensed parachute rigger. Every system is delivered in a matching carrying bag with the complete service manual, ready for flight.

**PARA-CUSHION BACK™** - The Model 303 parachute assembly is the most popular model and used by warbird, sailplane & aerobatic pilots. The back-mounted container conforms to the curve of your shoulders, and is only 24" (60 cm) tall by 16" (40 cm) wide and less than 3" (7 cm) thick. The Model 303 weighs approximately 15 lbs. (6.5 kg.). It is recommended when head space is at a minimum, such as Christen Eagle & Grob.

P/N 13-03440 .....

## NATIONAL EMERGENCY PARACHUTES

National parachutes are built with the finest U.S. materials in accordance with TSO C23b in the Standard Category. Constructed with 1.1 oz. ripstop nylon. High stressed areas are reinforced with Kevlar. The pack design allows greater movement in and around the aircraft. Highly recommended by Aerobatic Champions Leo Loudenslager and Patty Wagstaff.

 **NATIONAL'S BACKPACK** - developed with the pilot in mind and the most popular model. The teardrop shape provides flexibility and maximum comfort even in the tightest cockpits.

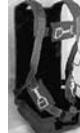
Standard design includes a tapered width and teardrop shape that hugs the back and also provides comfortable lower lumbar support

Size	L	W Top	W Bottom	Thickness Upper Back	Thickness Lower Lumbar	Part No.	Price
360*	22"	13"	15"	1-3/4"	1-3/4"	13-03300	.
425*	22"	13"	15"	1-3/4"	2"	13-03200	.
490*	22"	13"	15"	1-3/4"	2-1/4"	13-03400	.

\*360 = Recommended Pilot Weight is up to 177 lbs.

\*425 = Recommended Pilot Weight is up to 208 lbs.

\*490 = Recommended Pilot Weight is up to 241 lbs.

 **NATIONAL'S SEAT PACK** - Especially desirable when the cockpit has more vertical space than horizontal. For added comfort, the seat pad has 1 inch of "Astronaut Foam" above the parachute (accessible to remove or add foam/padding as required). Comes with TT adapters or two B12 snaps. Quick ejector snaps available (special order).

Size	L	W Top	W Btm.	Thickness Upper Back	Thickness Lower Lumbar	Part No.	Price
360*	22"	13"	15"	1/4"	2-3/4"	13-03411	.
425*	22"	13"	15"	1/4"	3-1/4"	13-03412	.
490*	22"	13"	15"	1/4"	3-1/4"	13-03413	.

 **NATIONAL'S CHAIR** - Designed for pilots whose aircraft has little cockpit space and to accommodate pilots who prefer a wrap around pack. The parachute is packed through the entire container length to maintain full flexibility and the slimmest profile throughout the container.

Size	L	W Top	W Bottom	Thickness Upper Back	Thickness Lower Lumbar	Part No.	Price
360*	40"	13"	15"	1-3/4"	2"	13-03421	.
425*	40"	13"	15"	1-3/4"	2-1/4"	13-03422	.
490*	40"	13"	15"	1-3/4"	2-1/2"	13-03423	.

### NATIONAL FLAT PARACHUTE

 The flat pack is slightly wider and more rectangular but much flatter than our original back parachute's "teardrop" shape. The National FLAT is thinner and even more supple than before. The "Flat-Pack" parachute container provides two choices in packing configuration: 1. More canopy in the upper container for the absolute thinnest beltline thickness (Taper Pack). 2. Canopy spread evenly to be one thickness (thinness!) top to bottom (Fully Flat Pack).

Description	Part No.	Price
National Flat	13-06270	.
National Flat Bag	13-06266	.
National B-12 Snaps	13-01959	.
National Quick Eject Snaps	13-06268	.

## PARA-CUSHION EMERGENCY PARACHUTES

**PARA-CUSHION CHAIR™** - The Model 305 is truly a chair-parachute, covering the back of the body from shoulders to just above the knees. The patented chair-type container conforms to the curve of your back. It is especially popular among sailplanes pilots flying for hours in the supine position, it is literally a "parachute-cushion" beneath the pilot. It is 42" (105 cm) long by 16" (40 cm) wide and varies from 2.5" to less than 1" (6.5 to 2.5 cm) thick, designed specifically for use where space is minimal. The complete system weighs approximately 16.5 lbs. (7.5 kg.).

P/N 13-03442 .....

**PARA-CUSHION SEAT™** - The Model 304 parachute assembly is designed specifically for emergency use by sport aviators flying aircraft utilizing a seat pan. The parachute container is a seat cushion 12"x16" (30cmx40 cm) and less than 3" (7 cm) thick. Because the backpad is only a half inch (1 cm) thick, the system is also especially suited to aircraft with restricted stick or rudder travel, or when head room is not restricted, such as Stearman, Great Lakes and Citabria. The complete system weighs approximately 15 lbs. (6.5 lbs. (6.5 kg.) A zip-on 3" (7 cm) Confor-foam™ padded Travel Cushion is an optional accessory

P/N 13-03441 .....

**OXYGEN POCKET** - Zipper pocket that your oxygen tank can fit in. Available for the 303 & 305.

P/N 13-04921 .....

### OPTIONS

Aerobatic Harness Option	N/C	Quick ejector snaps	.
Capewell riser releases	.	Quick ejector snaps	.
Oxygen pocket	.	(Aerobatic)	.
Sheepskin backpad	.	Monogram personalization	.

PS