



National Parachute Industries, Inc.

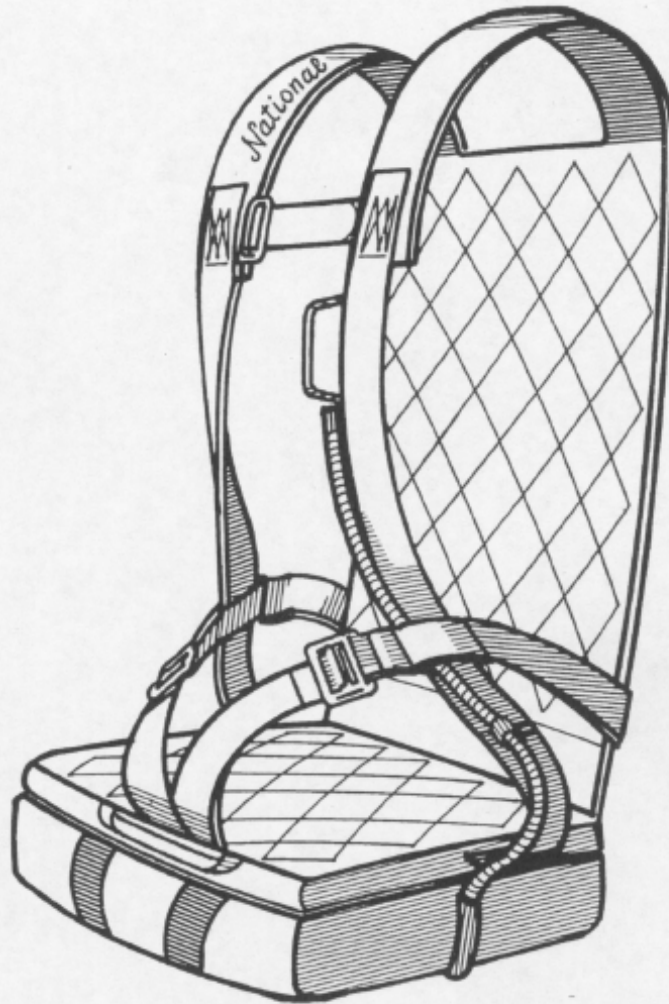
47 East Main Street • Flemington, New Jersey 08822 • U. S. A.
Tel 908 782-1646 • 800 526-5946 • Fax 908 782-5638 • www.nationalparachute.com

Emergency Parachute Manual --

Seat Supplement

Models 360, 425 & 490 (TSO-C23b)

National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



PART NUMBERS:

PARACHUTE -- HARNESS/CONTAINER ONLY

P/N: 81101-3	360-S	Seat Style
P/N: 81101-3	425-S	Seat Style
P/N: 81101-3	490-S	Seat Style

PARACHUTE -- CANOPY ONLY

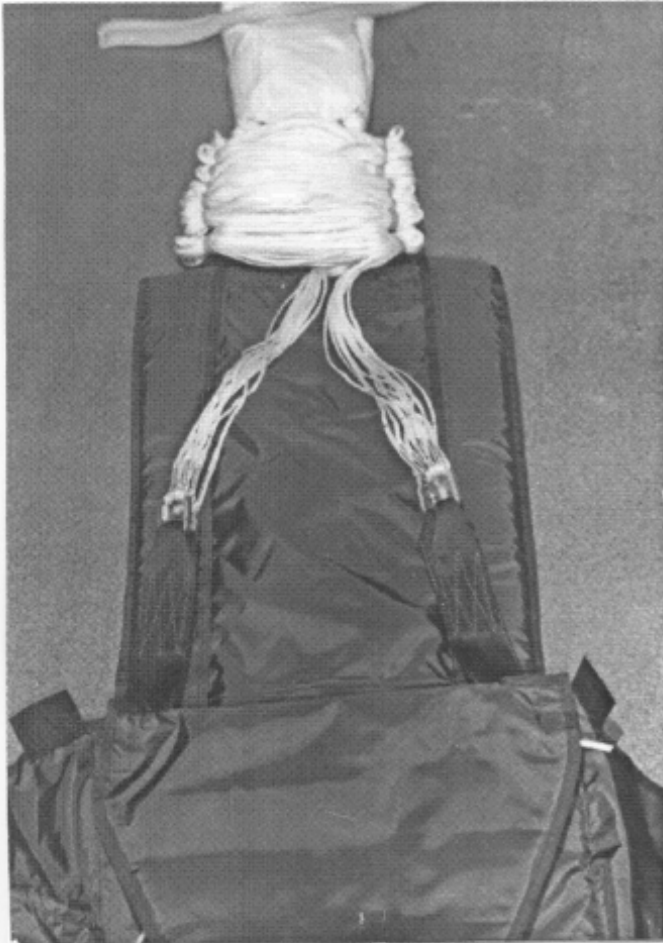
P/N: 81002-10	Phantom Aerostar 24
P/N: 81002-20	Phantom Aerostar 26
P/N: 81002-40	Phantom Aerostar 28

National Seat Parachute Supplement

360-S / 425-S / 490-S (TSO-C23b)

The following loop length apply for the seat pack only:

- 360-S with Phantom Aerostar 24 use 10.0" loop
- 420-S with Phantom Aerostar 26 use 10.5" loop
- 490-S with Phantom Aerostar 28 use 11.5" loop



Follow procedures in our standard packing instructions for back style parachute. Use Text and pictures Step 1 through Step 9. Then follow Step 10 in Seat Supplement:

Step 10

Rotate the container 90° counter clockwise. Place risers neatly in channels provided on either side of back pad, mate Velcro carefully without catching lines on it.

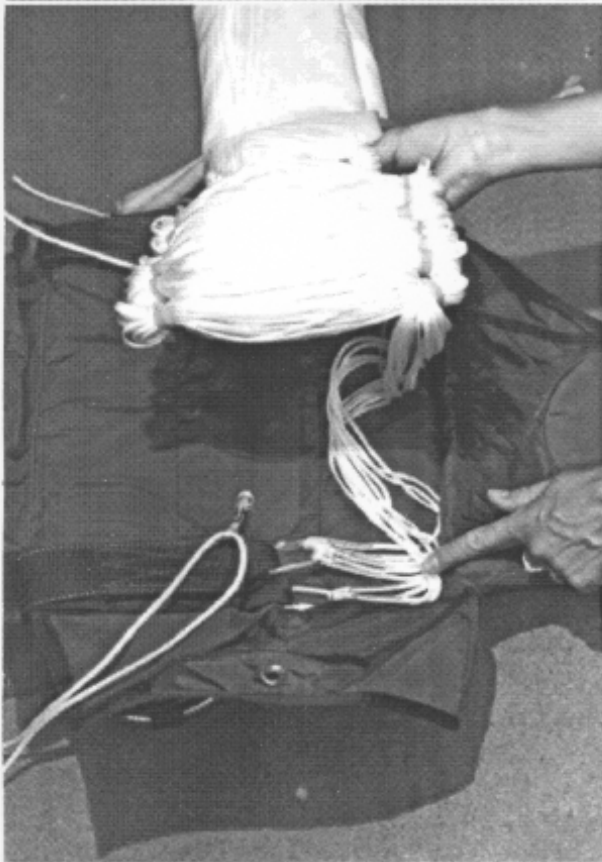
Bring risers through slotted corners on top flap.

National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 11

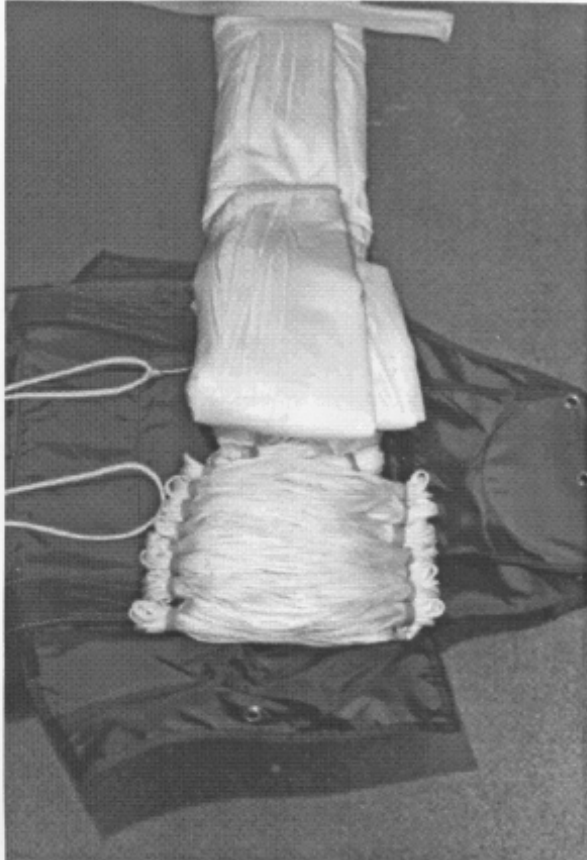
Route risers to the inside of the pack tray, spreading them to reduce bulk. Install appropriate loop - see chart page 2.



Step 12

Grasp canopy, keeping the line stows up. Place diaper in left hand corner with line stows facing up.

National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 13

Make a short fold in the opposite corner off setting the bulk of the diaper. Make folds of canopy just slightly wider than width of tray to fill all corners properly.

NOTE: Pull-up cords emerging towards top flap.

Step 14

Make the next fold covering diaper and pull-up cords emerging between this fold and the return fold.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 15
Make a full fold (to the left
and back again to the right)
on top of the previous fold.

Step 16
Repeat above step with
remaining canopy.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 17

Depending on size of canopy (PH24, PH26 or PH28), tuck the apex part under or lay flat (as in this photo) and tuck only apex lines under, having bridle emerge towards center of folded canopy.

Tie overhand knot in 1/8" elastic shock cord to prepare staging loop. Pre-set knot to ensure a 5/8" loop is emerging from rim of grommet. Install in center grommet of top internal staging flap. Pull force to release bridle from this loop should not exceed 8 lbs.

Step 18

Close internal top staging flap over folded canopy, insert pull up cords through the two outside grommets and secure with temporary packing pins.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 19

Insert a third pull-up cord in staging loop - close bottom internal staging flap over folded canopy - pull loop through center grommet in bottom internal staging flap and secure with bridle. Needle fold not to exceed $\frac{1}{4}$ ". REMOVE PULL-UP CORD FROM ELASTIC LOOP.

NOTE: There should be approximately 45-48" of bridle left after bridle needle fold is installed in staging loop.

Step 20

Insert the other two pull-up cords through respective grommets and secure with temporary packing pins.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 21

Fold bridle on top of kicker flap (bottom internal staging flap) - place pilot chute on top of folded bridle, insert pull-up cords through bottom tabs of pilot chute.

Step 22

Carefully compress pilot chute without disturbing bridle and keeping pilot chute centered over kicker plate.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 23

Feed pull-up cords through top tabs of pilot chute and secure with temporary packing pins.

Step 24

Close side flaps over compressed pilot chute and secure with temporary pins. Make sure spring is under both side flap stiffeners.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 25
Close bottom flap over side flaps and compressed pilot chute and secure with temporary packing pins.

Step 26
Dress bottom corners of pack with the help of packing paddle. (insert into pockets of side flap.)



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 27

Mate Velcro at the corners of the top flap, where risers come in.

Step 28

Close top flap - transferring temporary pins to pins from ripcord. Make sure first pin (closest to the handle) is seated with at least part of the shoulder of the pin inside the ripcord housing.



National Seat Parachute Supplement
360-S / 425-S / 490-S (TSO-C23b)



Step 29

Secure with red safety tie thread and seal.

Dress the container for best appearance. Check ripcord handle for proper fit in the pocket.

Enter packing data into log and onto packing data card. Insert packing data card into pocket located adjacent to warning label, inside the riser cover on right shoulder or, in older models, located inside top flap.

Count all of your packing tools

