



***National Parachute Industries, Inc.***

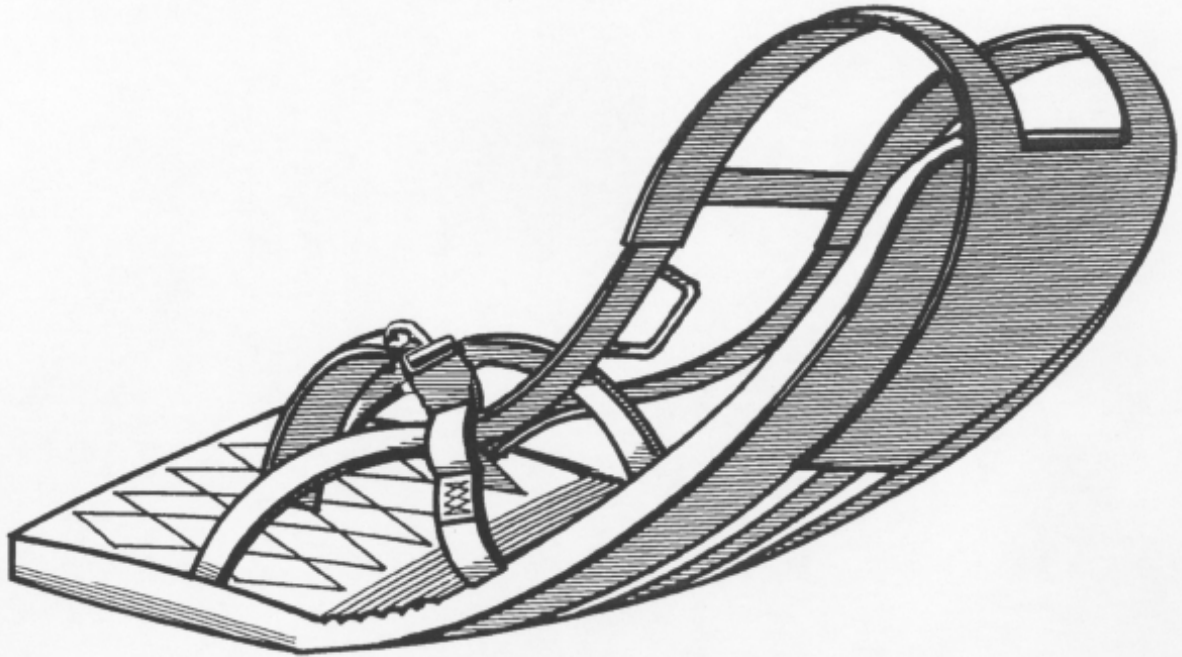
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# **Emergency Parachute Manual --**

# **Chair Supplement**

Models: 360-C / 425-C / 490-C

**National Chair Parachute Supplement**  
**360-C / 425-C / 490-C (TSO-C23b)**



**PART NUMBERS:**

PARACHUTE -- HARNESS/CONTAINER ONLY

P/N: 81101-5	360-C	Chair Style
P/N: 81101-5	425-C	Chair Style
P/N: 81101-5	490-C	Chair Style

PARACHUTE -- CANOPY ONLY

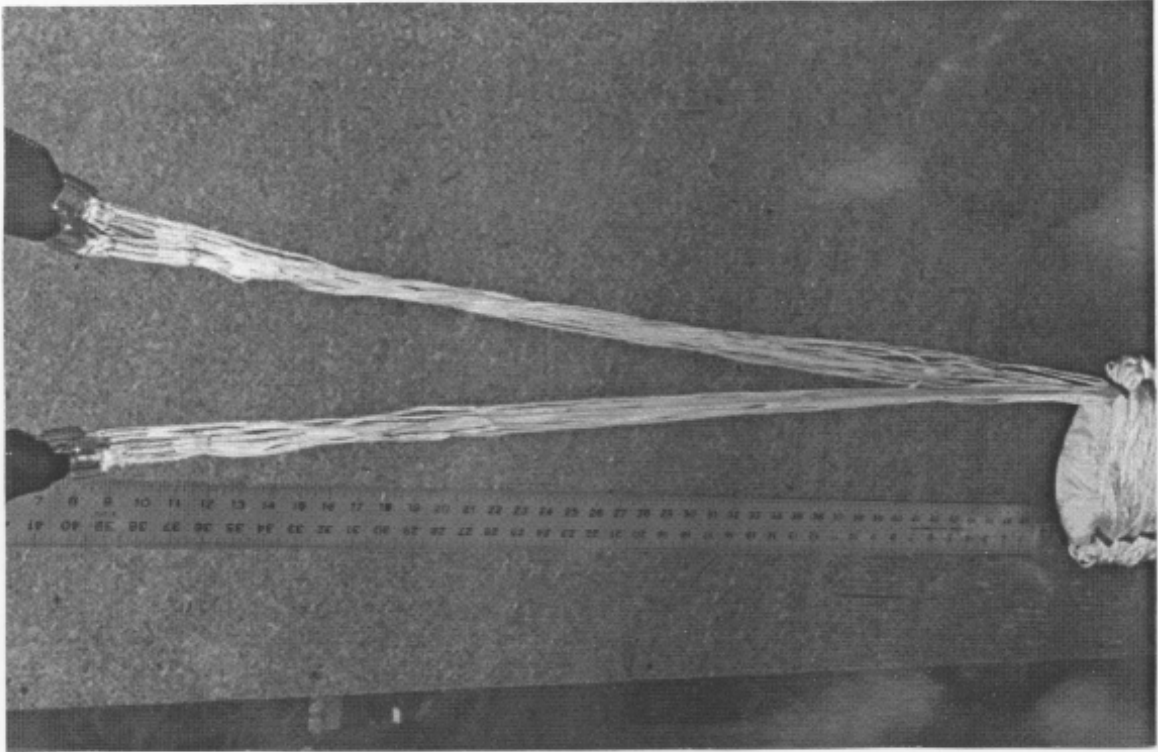
P/N: 81002-10	Phantom Aerostar 24
P/N: 81002-20	Phantom Aerostar 26
P/N: 81002-40	Phantom Aerostar 28

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Follow procedures in our standard packing instructions for back style parachute. Use Text and pictures Step 1 through Step 8. Then follow Step 9 in Chair Supplement:

**Step 9**

Continue to stow the lines across the diaper, leaving approximately 40" of line unstowed.



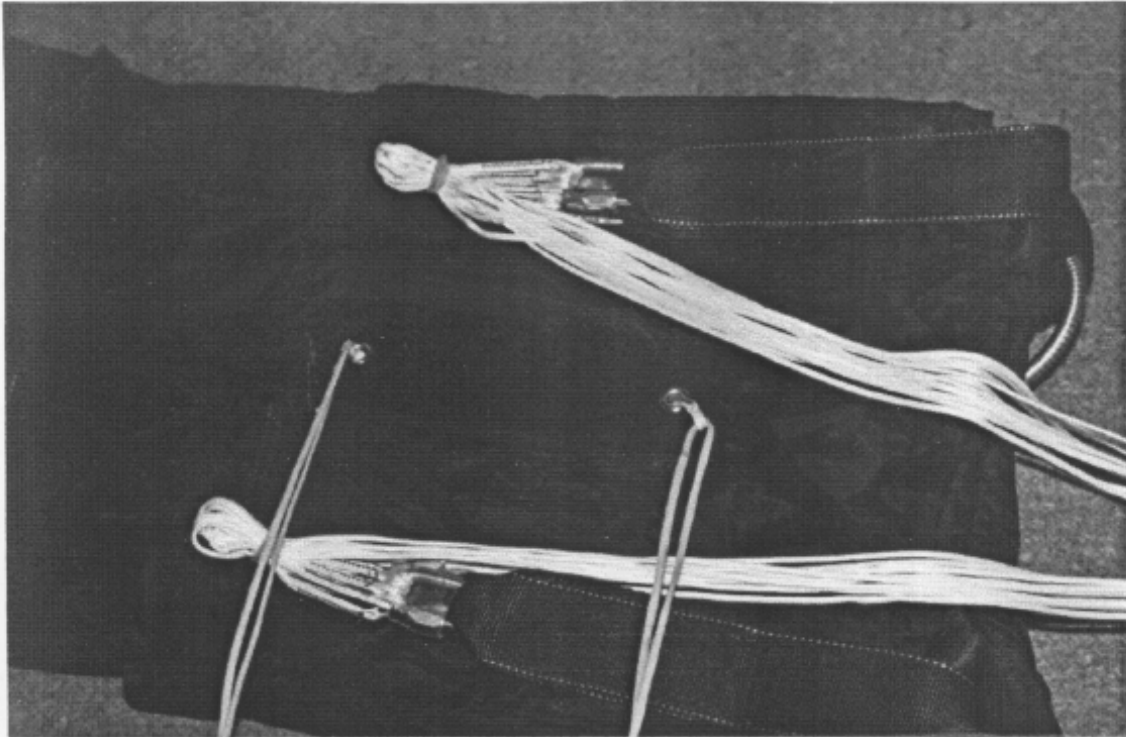
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**Step 10**

Route risers to the inside of the pack tray. Use one half width rubber band with a double wrap stow on each line group.

**Step 11**

Mate bottom flap's center rib to counter part on pack tray half way up. This forms two separate channels. Make sure Velcro hook and pile is securely mated.





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**Step 12**

Grasp canopy, keeping line stows up and insert into the left hand channel of the bottom pocket. Suspension line slack should be routed around the stiffener base flap, laying flat underneath the canopy's fabric. Diaper should be placed all the way into lower left corner.

**Step 13**

Route canopy across the top of the container making a 45° fold and routing the canopy down the right hand side of the container. Fold ends at the bottom edge of the pocket.



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**Step 14**

Make a short fold on top of the fold formed in picture and step 13.

**Step 15**

Grasp both folds and insert into right hand channel of bottom pocket all the way into right corner.



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**Step 16**

Apex should end up somewhere near the stiffener base (depending on size of canopy). It is important that the 54" bridle emerges either at the bottom or at the top of the stiffener base.

**Step 17**

Fold apex lines under apex. Mate balance of bottom flap's center rib to counter part on pack tray. Make sure Velcro hook and pile is securely mated.





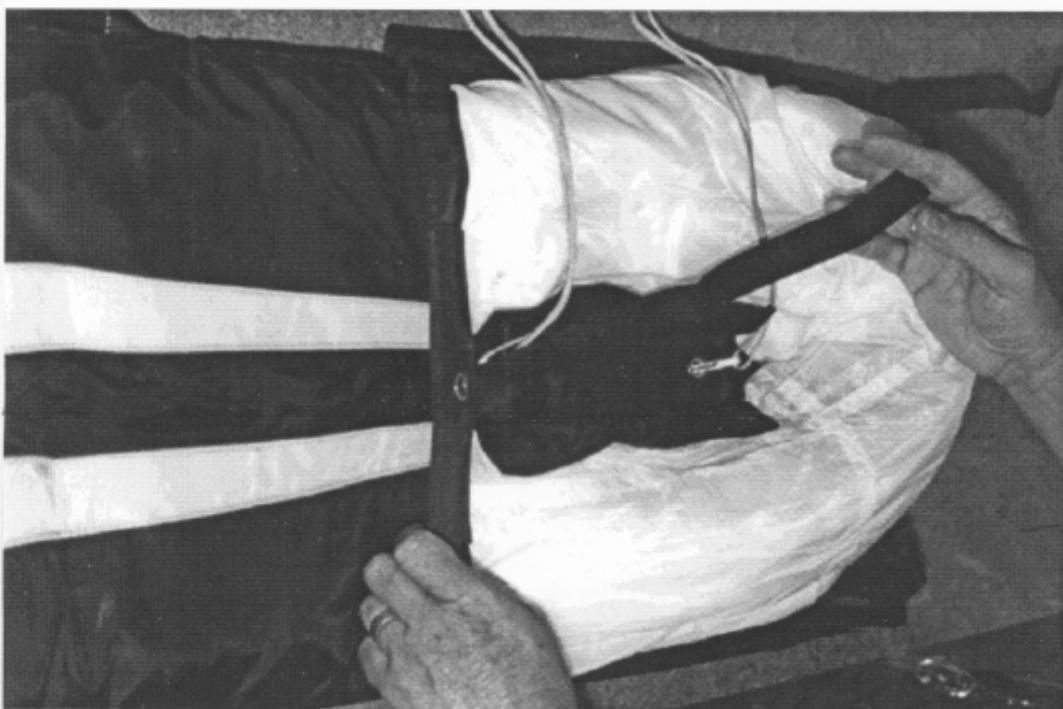
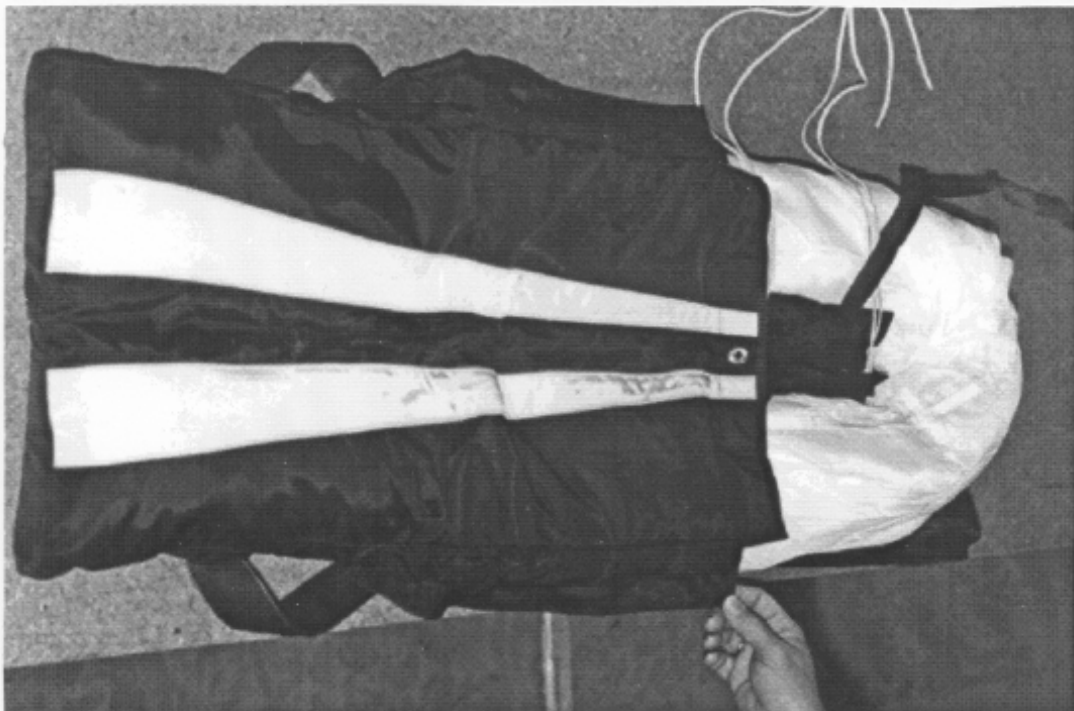
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**Step 18**

Mate Velcro of bottom pocket flaps both sides. Make sure no fabric or lines are caught in between hook and pile.

**Step 19**

S fold bridle between the grommets on the stiffener base. Insert pull cords through Pilot chute's bottom and top grommets. Place pilot chute on top of folded bridle centered on stiffener base.





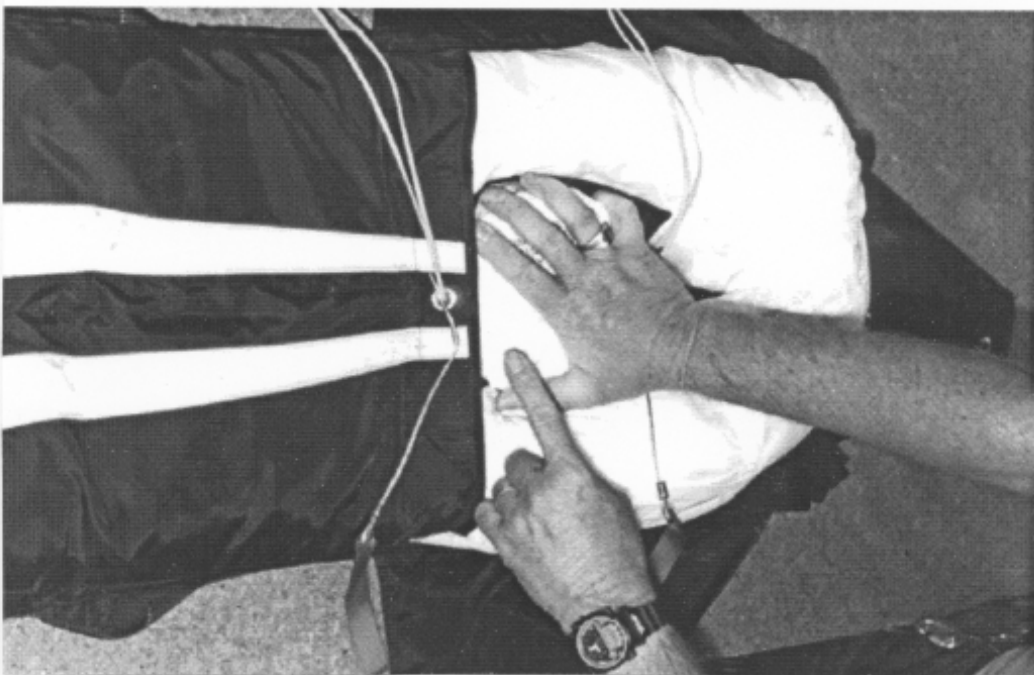
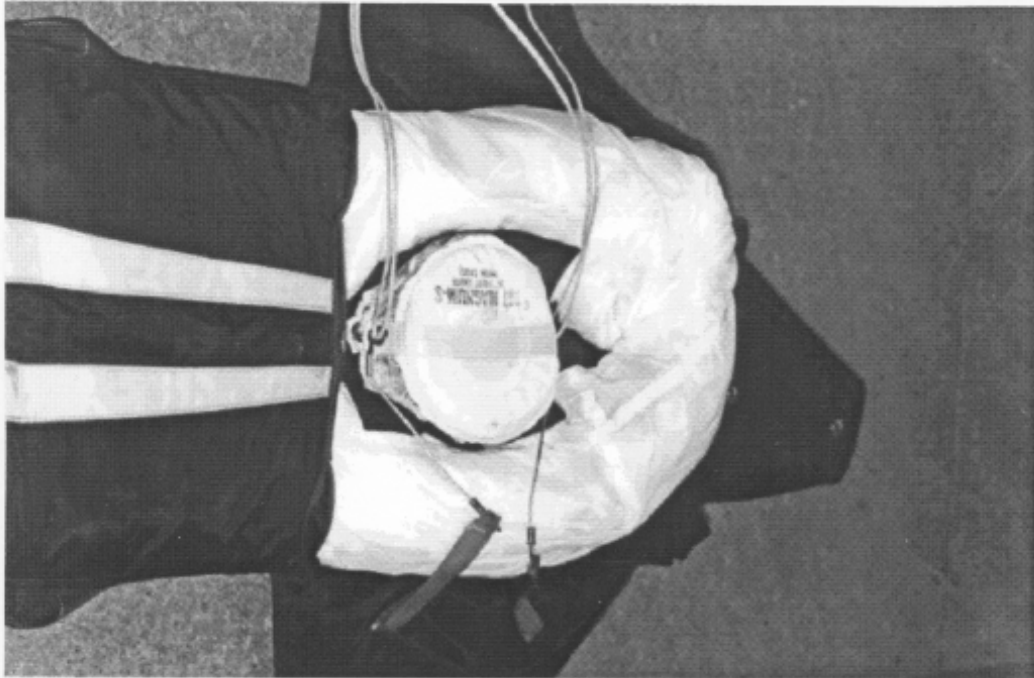
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**Step 20**

Compress and secure with temporary pins. As compressing pilot chute, stow material into each individual coil. Then, pull flaps of stiffener base out ensuring that pilot chute sits centered and balanced on stiffener base. Adjust folds of canopy if necessary.

**Step 21**

Insert pull up cord through grommet in bottom pocket flap and pin with temporary pin. It is important that cap of pilot chute sits under grommet. So for next step hold pilot chute in place by placing a knee on cap until one side flap is closed over pilot chute and secured with temporary pins.



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**Step 22**

Either side flap can be closed. Since there are no numbers in the side flap, either side can be closed first. Run pull up cords through side flap grommets and insert temporary pins.

**Step 23**

Close the other side and repeat step 22.



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**Step 24**

Dress up the canopy at the top of container, run pull up cords through the top flap grommets and insert ripcord pins.

Safety tie and seal the end pin in the normal manner.

Close the top flap by rolling the hook flap under to match the pile on the underside of the flap, or by tucking the top flap stow pouch under the internal top flap.

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, pocket located inside top flap.

Count all of your packing tools

