

INSTALLATION INSTRUCTIONS

SYSTEMS WITH 3 $\frac{1}{4}$ " PIN SPACING

NOTE: Read entire instruction procedure before attempting installation.

1. Release pack opening bands.
2. Remove ripcord, maintaining end tabs on cones, insert individual temporary pins.
3. Remove barrel assembly from plate by removing allen head screw (use 7/32 allen wrench).
4. Remove only one pin maintaining closure, place the cone through the locating hole on the mounting plate, and re-insert temporary pin. Make sure the plate is correctly oriented as in Photos #1 & #2.

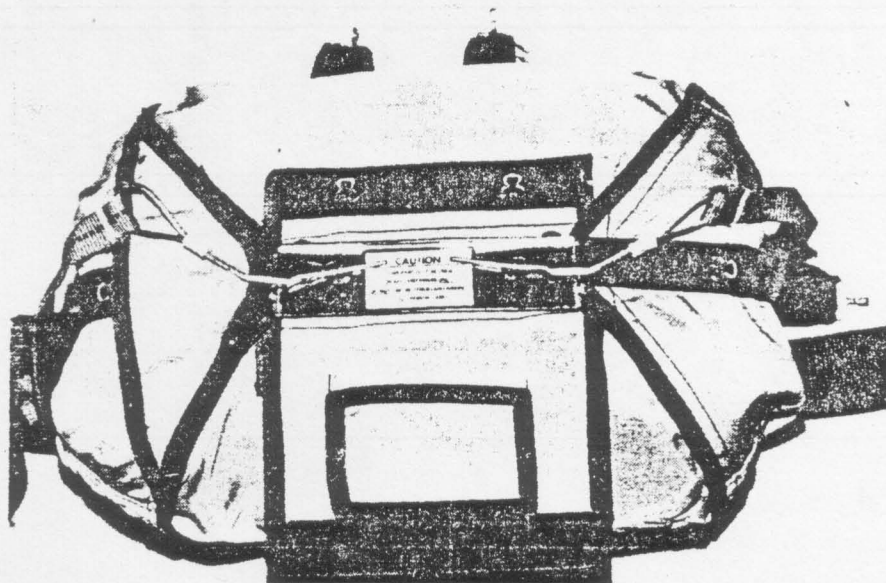


PHOTO #1

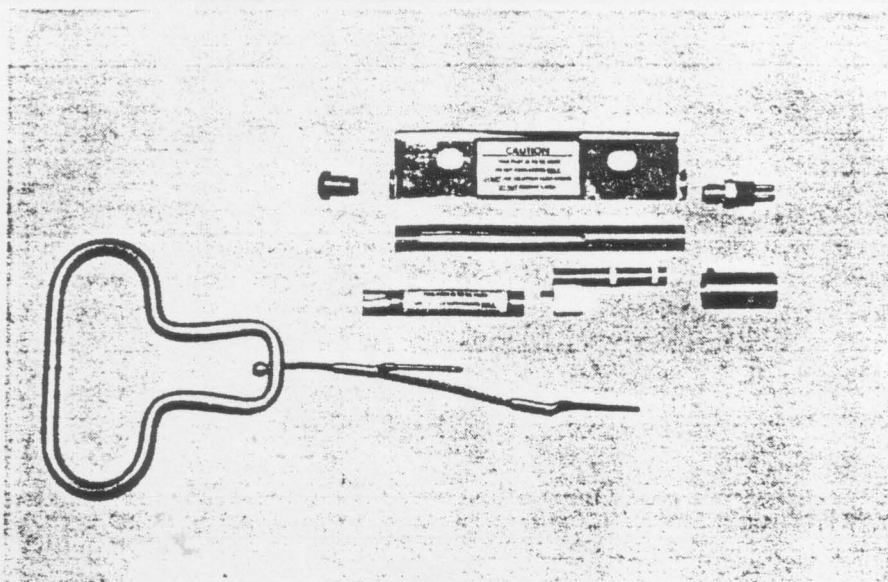


PHOTO #2

5. Repeat step #4 on the second cone. Reference Photo #1.
6. Inspect ripcord handle assembly.
7. Apply downward pressure on the plate, remove temporary pin from cone closet to handle and insert pin #1 of ripcord assembly. Reference Photo #3.

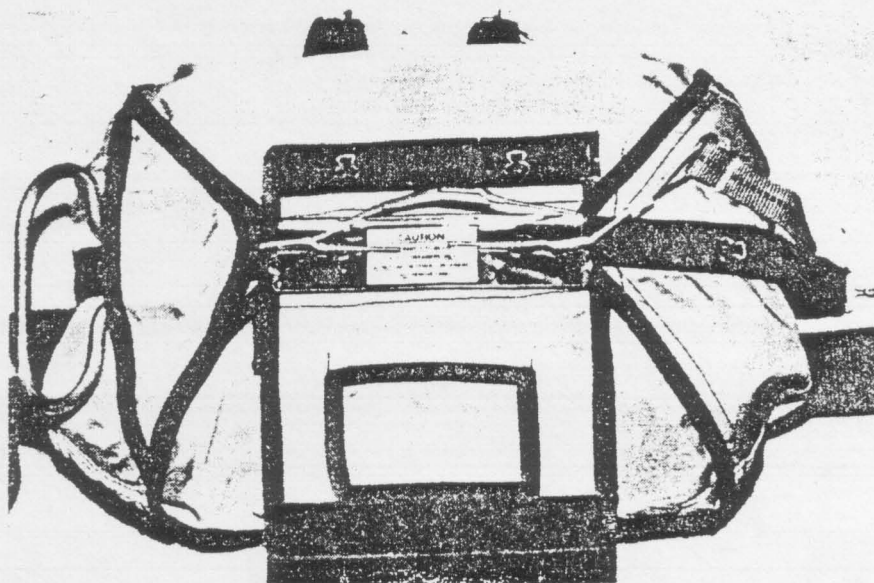


PHOTO #3

8. Install seal thread on last pin (use Approx. 15" to 18" of seal thread). Reference Photo #4.

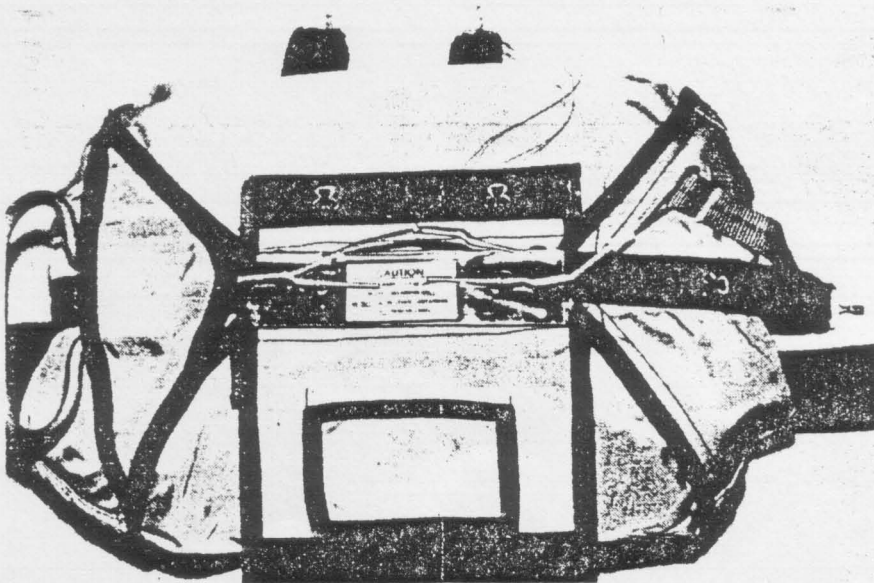


PHOTO #4

9. Position slotted end of pushtube toward handle, feed seal thread through tube. Feed pin #2 through tube, locate slotted end of tube into the crotch at pin #1. Reference Photos #5 & #6.

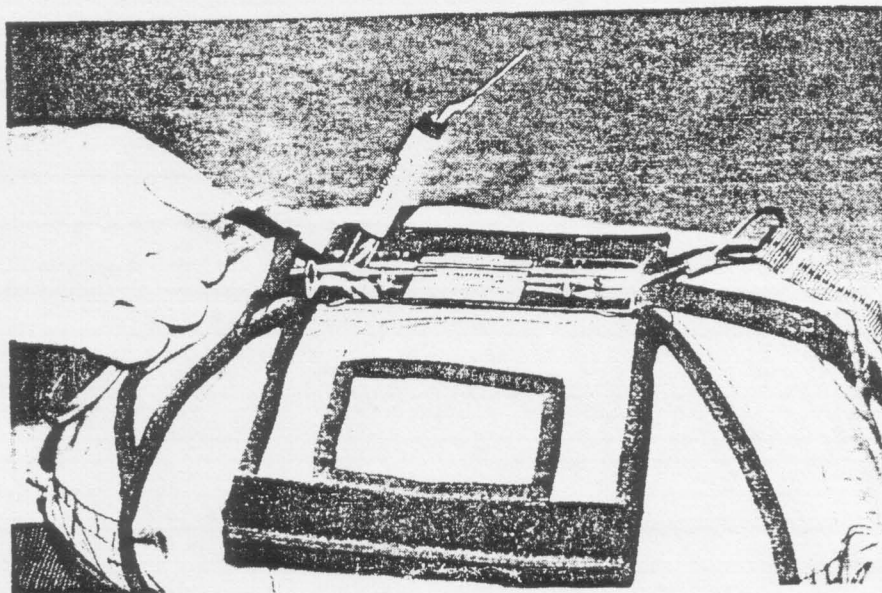


PHOTO #5

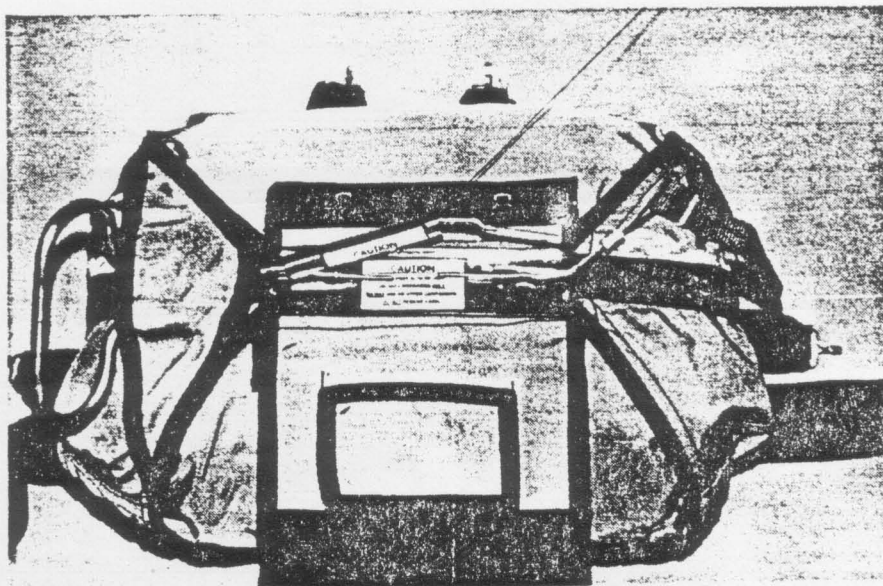


PHOTO #6

10. Apply downward pressure on the plate, remove temporary pin from second cone and insert second ripcord pin. Reference Photo #7.

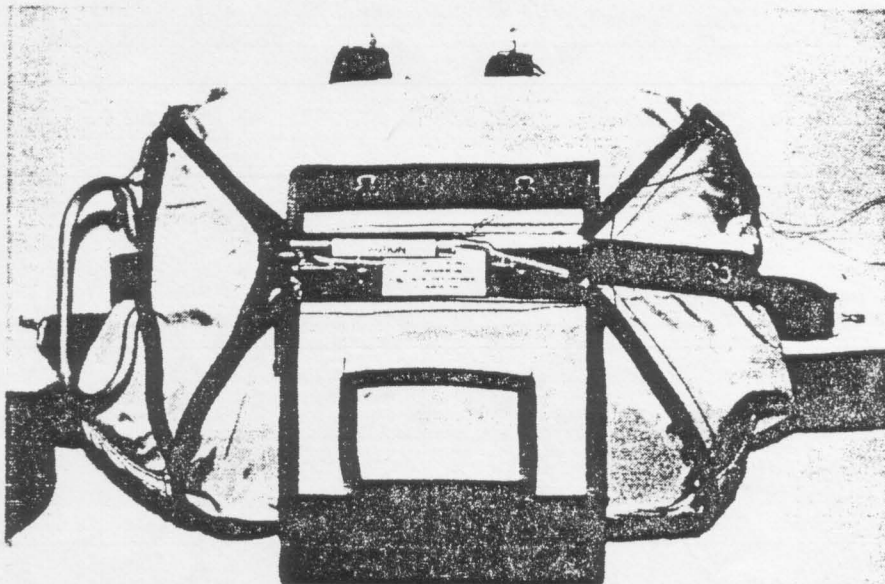


PHOTO #7

11. Remove piston assembly from barrel. Inspect piston rings, inspect barrel for obstruction. Replace piston assembly into barrel, *insure free movement*.

12. Re-install barrel assembly onto the plate.
 - a. Insert roll pin on blade into pushtube.

NOTE: Barrel must be installed such that, when fired the piston will travel toward the ripcord handle. Reference PHOTO #2.

WARNING: Cloth or Soft Loops on T-7 or T-10 type front mounted reserve containers can cause a total malfunction if they are used with the Sentinel MK 2000 power plate assembly. Standard metal cones must be used.

- b. Install allen head screw through vertical mounting tab on plate into barrel on ripcord handle end, do not tighten.

NOTE: Inspect cartridge, if the end seal is missing, broken or in any way questionable; *do not use* that cartridge. Inspect potting around body, if fractured or deteriorating; *do not use*. Inspect male connecting pins, if broken or corroded; *do not use* that cartridge.

- c. Install cartridge through vertical mounting tab on plate into barrel, do not tighten.

13. Make sure that the roll pin on the blade is inside the pushtube.

14. Observe that the slotted end of the pushtube is engaged in the crotch formed at pin #1.
15. Install pins into cones as far as mechanically possible. Observe that the piston assembly is located at the extreme end of the groove away from the ripcord handle and against the cartridge end.
16. Rotate the barrel assembly so the blade is at about a 45° angle to the plate. Retain blade in this position and tighten the cartridge and screw. Reference Photo #8.
(Use 7/32 allen wrench and 7/16 open end wrench).

NOTE: Insure that the pushtube has no travel obstructions toward the ripcord handle.

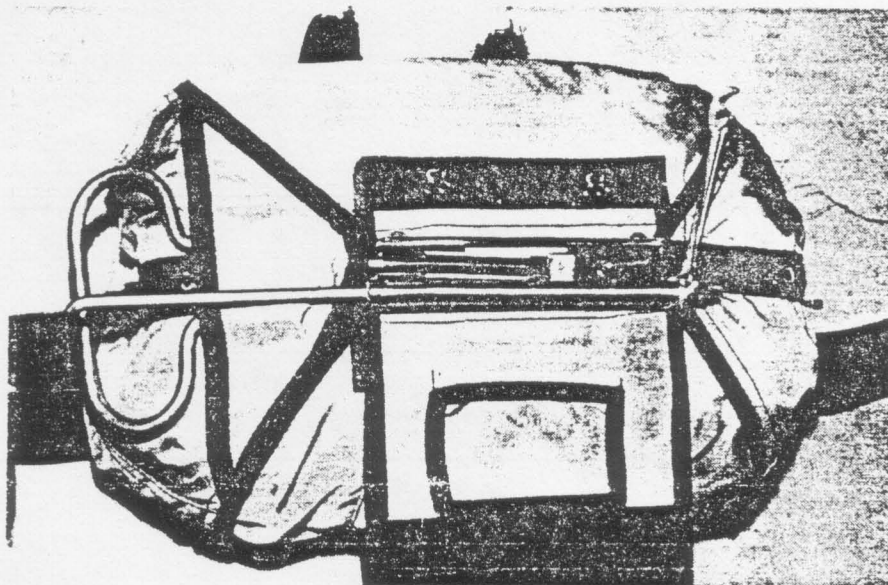


PHOTO #8

17. Reseal the reserve and install cartridge protector. Reference Photo #9.

NOTE: After installation you must be able to extract the ripcord with no more than 22 lbs. of pull.

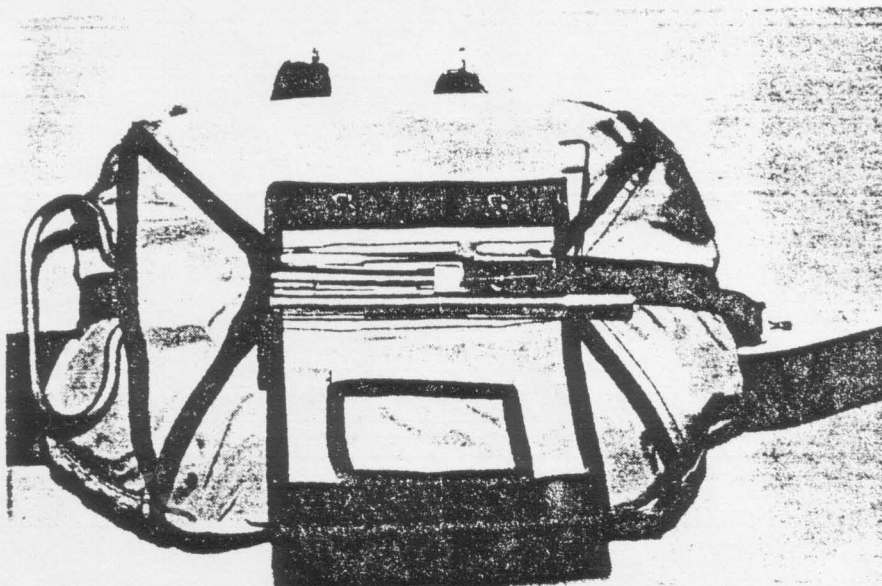


PHOTO #9

18. Install the sensing unit on the left end flap of the reserve container and route the wires as in Photo #10.

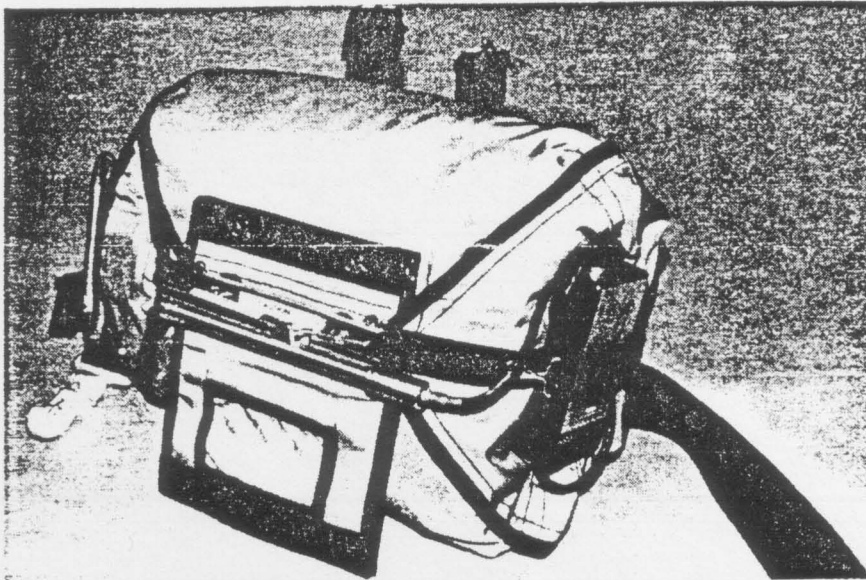


PHOTO #10