

DIRECT SUPPORT MAINTENANCE

MC-4 RAM AIR FREE-FALL PERSONNEL PARACHUTE SYSTEM

SUSPENSION LINES/CASCADE LINES (ALTERNATE METHOD)

THIS TASK COVERS:

- Replace

INITIAL SETUP:

Tools

Finger Trap Tool (Item 16, WP 0063 00)
Sewing Machine, Bartack (Table 1, WP 0050 00)
Shears (Item 39, WP 0063 00)
Tape Measure (Item 42, WP 0063 00)

Materials/Parts

Cord, Dacron, 600-Pound, Type I (Item 12, WP 0076 00)
Thread, Nylon, Size E (Item 43/44, WP 0076 00)

Personnel Required

92R (10) Parachute Rigger

Follow-Up Procedure

Continuity check and canopy trim check (WPs 0005 00 and 0006 00).

Equipment Condition

Lay out on packing table or other suitable area.

REPLACE

NOTE

This procedure is authorized only if pre-manufactured suspension line sets are unavailable.

This procedure applies to all lines except lines 4 A/B and 5 A/B lines. To replace lines 4 A/B and 5 A/B, refer to WP 0054 00.

NOTE

When replacing suspension lines, the overall base A-Line measurement will be 14-feet, 6-inches (± 2 -inches).

1. Main Suspension Lines. Replace main suspension lines as follows:

- a. Trim end of replacement line with scissors and taper approximately $\frac{1}{4}$ -inch. Route line through connector link and finger-trap 3-inches of line forming a $\frac{3}{4} \pm \frac{1}{8}$ -inch loop at connector link.

