
DIRECT SUPPORT MAINTENANCE
MC-4 RAM AIR FREE-FALL PERSONNEL PARACHUTE SYSTEM
SUSPENSION LINE SETS (PREFERRED METHOD)

THIS TASK COVERS:

- Replace
-

INITIAL SETUP:**Tools**

Needle, Tacking (Item 29, WP 0063 00)
Sewing Machine, Bartack (Table 1, WP 0050 00)
Shears (Item 39, WP 0063 00)
Wrench, $\frac{7}{16}$ -IN., Open-End (Item 45, WP 0063 00)

Personnel Required

92R (10) Parachute Rigger

Equipment Condition

Canopy in proper layout.

Materials/Parts

Suspension Line Set, Main/Reserve (Item 5, WP 0068 00/WP 0069 00)
Tape, Lacing and Tying (Item 33, WP 0076 00)
Thread, Nylon, Size E (Item 43/44, WP 0076 00)

Follow-Up Procedure

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

REPLACE

NOTE

Replacement of suspension lines as a set is the preferred method. If suspension line sets are not available, replacement of individual lines from bulk material is authorized. Refer to WP 0055 00.

NOTE

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

1. Replace suspension lines as follows:

- With canopy in proper layout, place replacement connector link adjacent to connector link with damaged line(s).
- Using old lines as a guide, route replacement lines through proper slider grommet to appropriate canopy attachment points and mark lines.
- Cut and remove old lines from attachment loops. Route replacement lines through attachment loops, and with mark centered in loop, secure with a French locking knot.

