

URGENT

MWO effective date 01 May 2002 and completion date 30 April 2005

***MWO 10-1670-293-20-2**

MODIFICATION WORK ORDER

MODIFICATION OF THE PARACHUTE, PERSONNEL, TYPE, 35-FOOT DIAMETER AND HARNESS, PERSONNEL PARACHUTE

D-RING REPLACEMENT

NSN: 1670-01-262-2359 (EIC: N/A)

NSN: 1670-00-598-0751 (EIC: N/A)

NSN: 1670-01-248-9502 (EIC: N/A)

NSN: 1670-01-272-1901 (EIC: N/A)

Headquarters, Department of the Army, Washington, D.C.

01 April 2004

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this MWO. If you find any technical errors that could cause personal injury or damage to materiel, please let us know. Contact Commander, US Army Tank-automotive & Armament Command, ATTN: AMSTA-LC-CECT and report the needed corrections by telephoning DSN 256-6276 or Commercial 508-233-6276. Additionally, complete a DA Form 2028, Recommended Changes to Publications and Blank Forms, and mail to Commander, US Army Tank-automotive & Armament Command, ATTN: AMSTA-LC-CECT, Kansas Street, Natick, MA 01760. You may also submit your recommended changes by E-mail directly to amssbriml@natick.army.mil. A reply will be provided to you.

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*This MWO supercedes MWO 10-1670-293-20-2, dated 30 April 2002 (completion date 30 April 2004)

1. PURPOSE. The purpose of this Modification Work Order (MWO) is to replace the existing D-ring sewn into the personnel harness. During a dynamic torso mannequin drop test, fractures have occurred at the web bar portion of the existing D-ring causing a complete separation from the parachute harness when the reserve canopy fully inflates. Follow-on tests indicated that the web bar portion of the existing D-ring has the potential for failure under extreme load conditions. The replacement D-ring has a removable screw with synthetic locking device. Two options are available for installation. Option 1 – The new D-ring will be positioned immediately below the existing D-ring and screwed in place. The existing D-ring will be rotated upward and secured to the main lift web. Option 2 – The existing D-ring will be removed (cut off) from the harness and the new D-ring will be placed in the same location as the old D-ring and screwed in place. Option 2 is the alternate approved method, however. The cutting tool necessary for this alternate method will not be provided through this MWO.

2. PRIORITY. This modification is classified as URGENT.

a. Equipment in Use. All Parachute Harnesses will be modified and completed no later than the scheduled completion date. Parachute Harnesses not modified after the expiration of the MWO completion date will be reported as Non Mission Capable (NMC), in accordance with applicable Army regulations. The MWO will be applied to unserviceable material during scheduled Organizational Maintenance providing the scheduled repair renders the parachute harness Fully Mission Capable (FMC).

b. Equipment in Wholesale Depot Supply or Maintenance Activities. The MWO will be accomplished on serviceable Parachute Harnesses prior to issue and/or subsequent to the scheduled completion date.

3. END ITEM OR SYSTEM TO BE MODIFIED. This modification will apply to all Parachute Personnel, Type: 35-Foot Diameter that utilizes the Harness, Personnel, Parachute.

Table 1. End Item to be modified

Nomenclature	National Stock Number	Type and Model	CAGEC	Serial Number	Line Item Number (LIN)
Parachute, Personnel Type, 35-Foot	1670-01-262-2359	MC1-1C	81337	ALL	N67788
Parachute, Personnel Type, 35-Foot	1670-00-598-0751	MC1-1B	81337	ALL	N67788
Parachute, Personnel Type, 35-Foot	1670-01-248-9502	T-10C	81337	ALL	N67925

4. MODULES (Components, Assemblies, Subassemblies, Boards, and Cards) TO BE MODIFIED. Not applicable.

5. PART(s) TO BE MODIFIED. Harness, Personnel, Parachute.

6. APPLICATION.

- a. Time Compliance Schedule: The MWO effective date is 01 May 2002 and the completion date is 30 April 2005.
- b. Level of Maintenance: Unit Level Maintenance is the lowest level of maintenance to support this MWO.