

ROUTINE

MWO effective date is 2 January 1998 and completion date is 30 September 2001.

MWO 9-1010-231-30-2

MODIFICATION WORK ORDER

**MACHINE GUN MOUNT,
MK 64 MOD 7
(1010-01-179-7616)**

HEADQUARTERS, DEPARTMENT OF THE ARMY, WASHINGTON, DC

Washington D.C., 3 March 1998

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this MWO. If you find any mistakes, or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this manual directly to Director, Armament and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. A reply will be provided to you.

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1. **PURPOSE:** The purpose of this Modification Work Order is to modify fielded MK 64 MOD 7 Mounts (1010-01 -179-7616) into MK 64 MOD 9 Mounts (1010-01 -412-3159) to increase performance. The MK 64 MOD 9 MOD Kit (1010-01 -413-2515) consists of: Adapter, Pintle Universal; Catch Bag/Frame Assembly; Ammunition Bracket Handknobs.
2. **PRIORITY:** This modification is classified **ROUTINE**.
3. **END ITEM(S) OR SYSTEM(S) TO BE MODIFIED:** See Table 1.

Table 1. End Item(s) or Systems(s) to be Modified

Nomenclature	NSN	Part No.	Line Item No.
MK 64 MOD7	1010-01-179-7616	5831469	M74823

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4. **MODULE(S) (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS, AND CARDS) TO BE MODIFIED:** The following item(s), whether installed or in depot stock, shall be modified. See Table 2.

Table 2. Modules (Components, Assemblies, Subassemblies, Boards, and Cards) to be Modified

Nomenclature	NSN	Part No.	CAGEC
Train & Elevation Assy Ammo Can Bracket Assy	1010-01-151-6221 5340-01-340-8471	5830123 12929150	53711 19200

5. **PART(S) TO BE MODIFIED:** Not applicable.
6. **APPLICATION:**
- a. **Time Compliance Schedule:** MWO effective date is 2 January 1998 and its completion date is 30 September 2001.
 - b. **Lowest Level of Maintenance Authorized to Apply this MWO:** Direct Support.
 - c. **Work Force and Man-Hour Requirements for Application of the MWO to a Single Unit, End Item, or System:**

Work Skills Force	Man-Hours
MOS 45B	0.5 hours

Total man-hours required for a single application of this MWO is: 0.5 hours

- d. **MWOs to be Applied Prior to or Concurrently with the Application of this MWO:**
Reference is made to MWO 9-1010-231-20-1 which prescribes the procedures for replacement of the M548 Ammunition Container Bracket (1010-01-151-6220) or the Interim Ammunition Container Bracket (5340-01-304-3080) with the Ammunition Container Bracket Assembly (5340-01-340-8471).
 - e. **Additional Information Deemed Necessary to Assist in the Application of this MWO:**
Not applicable.
7. **TECHNICAL PUBLICATIONS AFFECTED/CHANGED:** See Table 3.

Table 3. Technical Publications Affected/Changed

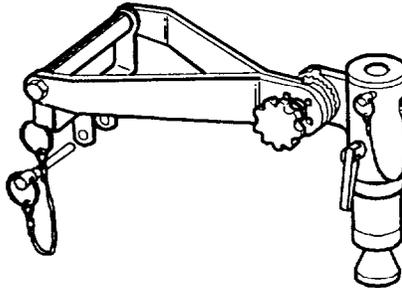
Publication Number	Date
TM 9-1010-231-13&P	January 1989

8. MWO KIT(S)!PART(S) AND THEIR DISPOSITION:

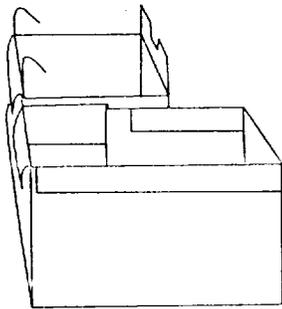
Kit(s)/Part(s) Needed to Apply the MWO: See Table 4.

Table 4. MWO Kit(s)/Part(s) Needed to Apply the MWO

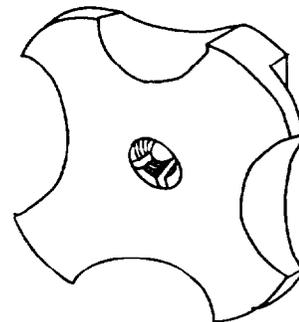
Nomenclature	NSN	Part No.	CAGEC	Security Classification
MVVO Kit, Mount, Gun consisting of:	1010-01-413-2515	6650760	53711	U
(1) Adapter, Pintle Universal	1010-01-445-6143	12012061	19200	U
(2) Catch Bag/Frame Assy	1005-01-418-4360	6650759	53711	U
(3) Ammunition Bracket Handknobs	5355-01-387-4540	12953608	19200	U



Universal Pintle Adapter



Catch Bag/Frame Assy



Ammunition Bracket Handknobs

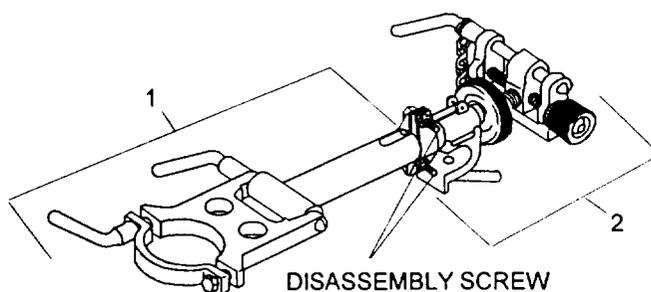
9. SPECIAL TOOLS; TOOL KITS; JIGS; TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE); AND FIXTURES REQUIRED: Not applicable.

10. MODIFICATION PROCEDURES:

CAUTION

DURING THE REMOVAL AND INSTALLATION OF THUMBSCREWS AND HANDKNOBS, ENSURE THE THREADED STUDS ARE NOT STRIPPED, DAMAGED, OR DEFORMED.

- a. Remove the two thumbscrews (P/N 5830084, NSN 5305-01-150-1924) from the 40mm ammo can bracket (P/N 12929150, NSN 5340-01-340-8471). It may be necessary to use a 1 1/4 inch open-end wrench (or equivalent) to completely remove the thumbscrews (past the peened portion of the stud threads). Replace the two thumbscrews with the two handknobs (P/N 12953608, NSN 5355-01-387-4540) by slowly screwing the handknobs onto the studs until interference of the stud's remaining imperfect threads stops progress or they are fully assembled. If not completely assembled, place a 1 1/4 inch open-end wrench across the handknobs bottom, flat surface and tighten until the handknob is fully on the stud. Peen over the end of each stud thread to prevent loss of each handknob. If necessary, slowly turn the handknobs back and forth until the stud's threads are formed. (NOTE: the handknobs act as a thread die and will recut the stud thread. For severely damaged thread, use a 3/8-16NC die nut or equivalent.) Dispose of the two thumbscrew in accordance with local policy and procedures.
- b. Replace empty case catch bag assembly (P/N 5830060) with the catch bag/frame assembly (P/N 6650759, NSN 1005-01-418-4360). Dispose of the old catch bag assembly in accordance with local policy and procedures.
- c. Disassemble the train and elevation assembly (P/N 5830123, NSN 1010-01-151-6221) by separating the pivot arm assembly (1) (P/N 5830135) from the T&E assembly (2). Dispose of the pivot arm assembly, and its associated components, in accordance with local policy and procedures. Retain the T&E mechanism (P/N 5830128, NSN 1010-01-151-6227) for use with the MK 64 MOD 9. Dispose or retain Pintle Adapter (P/N 5830131, NSN 1010-01-151-6229) in accordance with local policy and procedures.



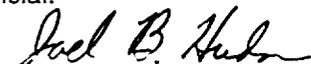
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11. **CALIBRATION REQUIREMENTS:** Not applicable.
12. **WEIGHT AND BALANCE DATA:** Weight and balance data not significantly affected.
13. **QUALITY ASSURANCE REQUIREMENTS:** Not applicable.
14. **RECORDING AND REPORTING OF THE MODIFICATION:**
 - a. **Records and Reports:** Detailed recording and reporting of procedures shall be in accordance with DA Pamphlet 738-750, DA Pamphlet 738-751, and TB 9-1100-803-15 which address the requirements for and provide detailed instructions for the completion of the various maintenance historical records (eg., D,4 Forms 2407,2408-5,2408-9,2409, and 5504). Forward required form to: Director, Armament and Chemical Acquisition and Logistics Activity, AMSTA-AC-NMR, Rock Island, IL 61299-7630.
 - b. **Marking Equipment:** Not applicable.
 - c. **Identification Data:** Not applicable.
15. **MATERIEL CHANGE (MC) NUMBER:** This MWO is authorized by MC No. 1-94-05-7912.

By Order of the Secretary of the Army:

DENNIS J. REIMER
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON

Administrative Assistant to the
Secretary of the Army
04395

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MWO 9-1010-231-30-2

PUBLICATION DATE

3 Mar 98

PUBLICATION TITLE Machine Gun Mount,
MK 64, MOD 7 (1010-01-179-7616)

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
2	6.c.		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Change man-hours from 0.5 hours to 1.5 hours.

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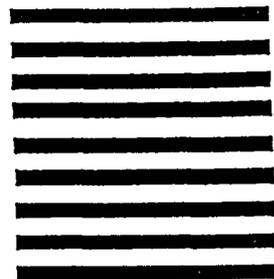
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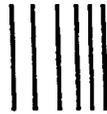
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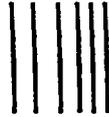
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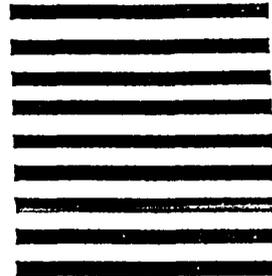
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