UNITED STATES MARINE CORPS
MARINE CORPS RESEARCH, DEVELOPMENT, AND ACQUISITION COMMAND
WASHINGTON, DC 20380-0001

MCO 8420.10
CBGT
12 Jun 91

MARINE CORPS ORDER 8420.10

From: Commandant of the Marine Corps
To: Distribution List

Subj: MATERIEL FIELDING PLAN (MFP) FOR THE MINE CLEARING BLADE

Ref: (a) MCO P4105.3
(b) MCO P4400.82F

Encl: (1) MATERIEL FIELDING PLAN (MFP) FOR THE MINE CLEARING BLADE

1. Purpose. This Materiel Fielding Plan (MFP) is published per the provisions of reference (a). It is intended to serve as the single, stand-alone document which consolidates all actions, schedules, procedures, requirements, and information necessary to ship, deprocess, deploy, and sustain the Mine Clearing Blade (MCB).

2. Information. This MFP provides information in sufficient detail and accuracy to allow field commanders to place in service the MCB upon receipt.

3. Action. Addressees are to comply with the requirements of references (a), (b), and the contents of this Order.

4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

R. A. TIEBOUT
By direction

DISTRIBUTION: PCN 10210651400

Copy to: 7000110 (55)
8145005 (2)
7000106, 144 (1)
8145001 (1)

MATERIEL FIELDING PLAN FOR THE MINE CLEARING BLADE

1. Introduction

a. Source of the Requirement. The Marine Corps requirement for the M1A1 Tank is documented by Department of the Army (DA) Approved Revised Materiel Need (Engineering Development) (MN(ED)) for a Main Battle Tank (MBT), as initially approved by the Commandant of the Marine Corps (CMC) letter RDD-26, 22 September 1975, Subj: MBT Required Operational Capability (ROC), and revised in CMC letter RDD260601np, 3 December 1987, Subj: MBT ROC. The Mine Clearing Blade (MCB) is an end item of equipment for the M1A1 Tank. The MCB provides a capability to rapidly conduct a hasty breach of a minefield obstacle without the aid of supporting forces or equipment (figure 1). The U.S. Army has type classified (approved for service use) the MCB, manufactured by Israel Aircraft Industries. The Marine Corps is procuring the MCB for use with M1A1 tanks which are to be introduced commencing Fiscal Year (FY) 91. In the meantime, the MCB has been adapted for use with the M60A1 tanks currently in the Marine Corps tank battalions. This is accomplished through the use of an adapter kit with an appropriate electrical interface (figure 2).

b. Points of contact. A listing of essential points of contact (POC's) for use during the fielding of the MCB is displayed below. The following personnel will serve as the focal points for all logistics assistance during initial fielding and assist in the resolution of problems which are neither addressed in this MFP nor solvable through the efforts of normal logistical channels.

GRADE/NAME	POSITION	COMMAND	CODE	PHONE
Col Hendrickson	PM, Ground Weapons	MCRDAC, Quantico, VA	CBG	AV 278-2136
LtCol Varela	APM, Tank Sys.	MCRDAC, Quantico, VA	CBGT	AV 278-3011
GS-11 Welter	MCB Project Officer	MCRDAC, Quantico, VA	CBGT	AV 278-3011
Major Cornell	Liaison Officer	TACOM, Warren, MI	AMCPEO-HFM-MCLNO	AV 786-6337
Major Jones	Liaison Officer	Armor Engineer Board, USAARMC, Fort Knox, KY	ATCT-AE-EN (USMC LNO)	AV 464-8831 AV 464-7643
GS-12 DuPonte	WS/ESM	MCLB, Albany, GA	834-3	AV 567-6767
Major Thomas	Ord Vehicle Maint Officer	MCRDAC, Quantico, VA	CBGM	AV 278-2137
Major Miller	Requirements & Programs	MCCDC, Quantico, VA	WF 11B	AV 278-3321
Major Gerardi	Training	MCRDAC, Quantico, VA	PSL-T	AV 278-3739

c. Fielding Methodology

(1) General Fielding Plan. The MCB is being fielded horizontally. Deliveries began in FY 90.

(2) Method of Fielding. The MCB is currently being shipped directly to using units with all hardware and kits required for the installation. Appendix A contains the list of allowances by Table of Equipment (T/E). Submission of requisitions is not required.

(3) Schedule. Appendix B contains the schedule of MCB shipments to the respective Marine Corps Logistics Bases (MCLB's) and planned shipments to field units.

(4) Replaced Weapons Systems. None

2. System Description

a. Administrative Information

(1) MCB

(a) Nomenclature: Blade, Mine Clearing,

(b) TAMCN: E0966 VII M

(c) ID NO: 09147A

(d) NSN: 2590-01-230-8862

(e) Unit of Issue: Each

(f) Unit Standard Package: One

(g) Unit Cost: $68,551

(h) Weapon System Code: 2S

(i) Stores Account Code: 3

(j) Life Expectancy (Noncombat): 20 years

(k) CARF: 0.3747

(l) Support Cost: None

(m) Petroleum, Oil, and Lubricants: None

(n) Equipment Density: Normal

(2) M60A1 Adapter Kit

(a) Nomenclature: M60A1 Adapter Kit for Mine Clearing Blade

(b) TAMCN: None

(c) ID NO: None

(d) NSN: None - Part No. 87028A0000 Manufacturer's Code 1365

(e) Unit of Issue: Each

(f) Unit Standard Package: One

(g) Unit Cost: $4,820

(h) Stores Account Code: 1

(i) Life Expectancy: (Noncombat) 20 Years

(j) CARF: 0.3747

(k) Support Cost: None

(l) Petroleum, Oil and Lubricants: None

(m) Equipment Density: Normal

(3) Electrical Power Cable

(a) Nomenclature: Electrical Power Cable

(b) TAMCN: None

(c) ID NO: None

(d) NSN: 6150-01-277-7484

(e) Unit of Issue: Each

(f) Unit Standard Package: One

(g) Unit Cost: $1,042

(h) Stores Account Code: 1

(i) Life Expectancy: (Noncombat) 20 Years

(j) CARF: 0.3747

(k) Support Cost: None

(l) Petroleum, Oil, and Lubricant: None

(m) Equipment Density: Normal

(4) Readiness Reporting. Not required.

b. Physical Characteristics

(1) MCB

(a) Dimensions

Length: 115 inches
Width: 179 inches (reducible to 150 inches)
Height: 29 inches

(b) Square: 143 square feet

(c) Cube: 346 cubic feet

(d) Weight: 9000 pounds packed ready for shipping

(2) M60A1 Adapter Kit

(a) Dimensions

Length: 34 inches
Width: 18 inches
Height: 15 inches

(b) Square: 4.20 square feet

(c) Cube: 5.25 cubic feet

(d) Weight: 600 pounds (shipping weight)

(3) Electrical Power Cable

(a) Length: 180 inches

(b) Weight: 20 pounds

MCO 8420.10
12 Jun 91

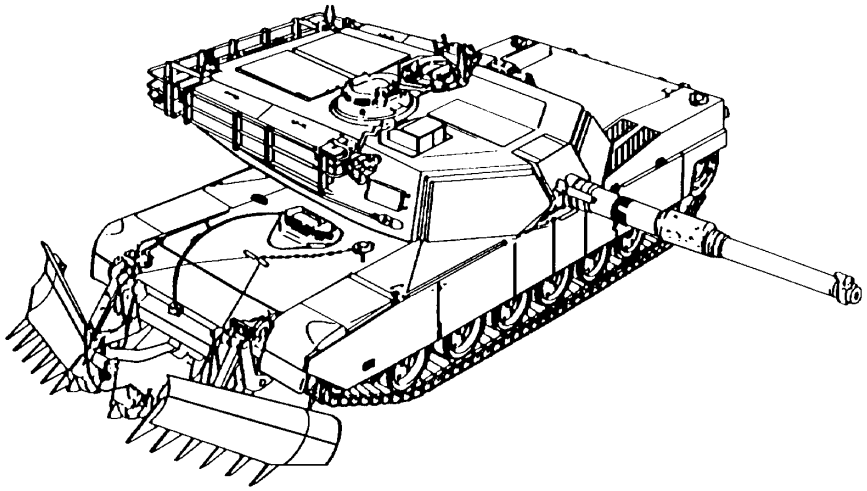

Figure 1. -- MCB on M1A1 Tank

ENCLOSURE (1)

MCO 8420.10
12 Jun 91

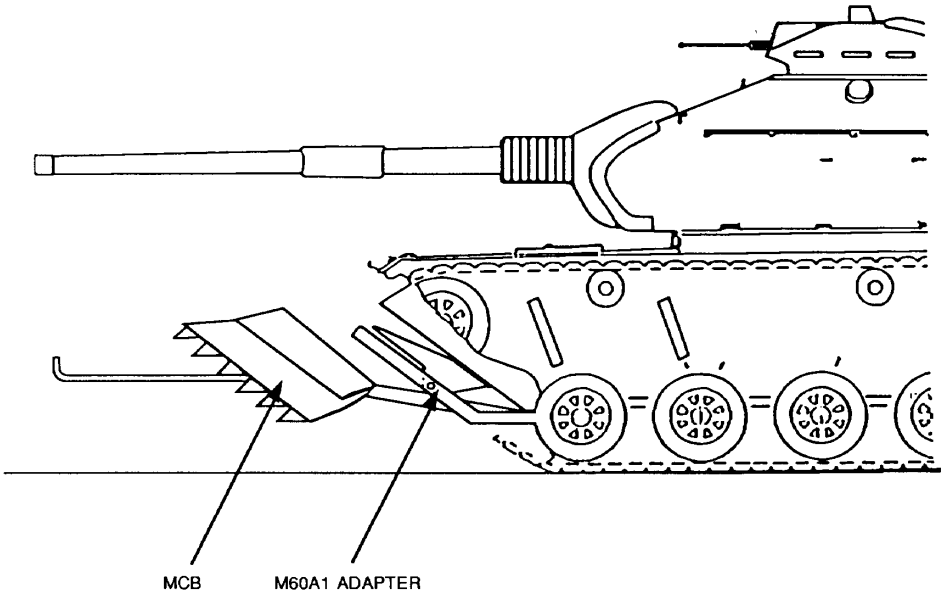

Figure 2. -- MCB on M60A1 Tank

MCO 8420.10
12 Jun 91

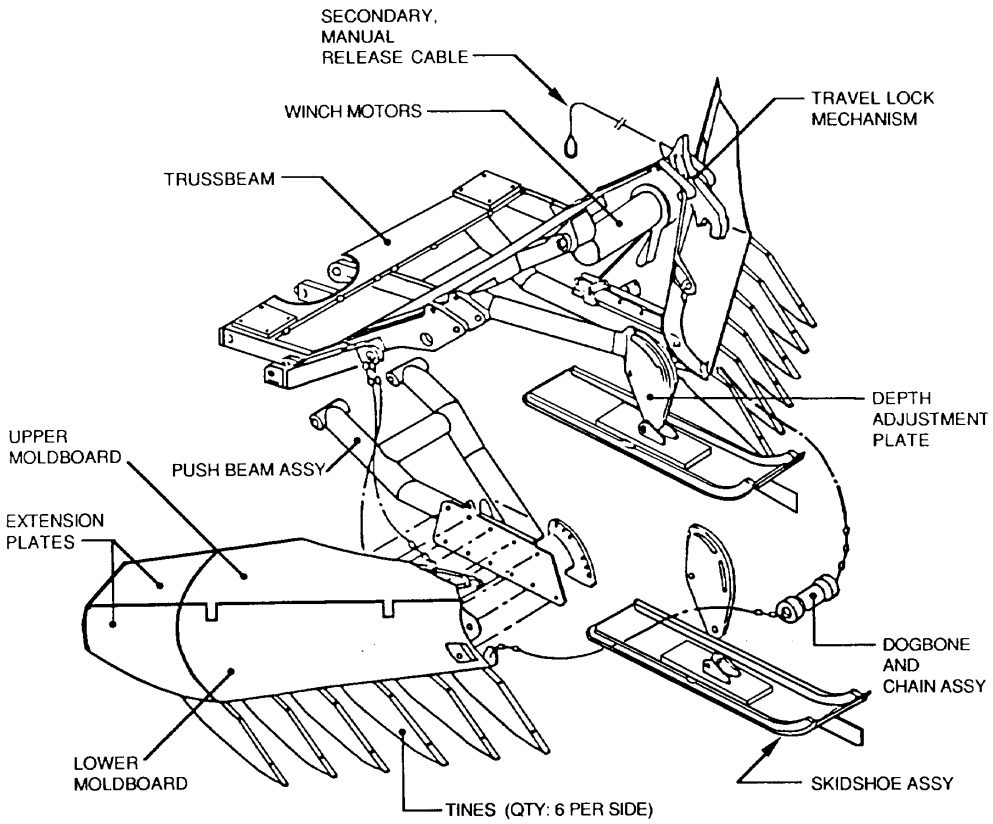

Figure 3. -- MCB

ENCLOSURE (1)

MCO 8420.10
12 Jun 91

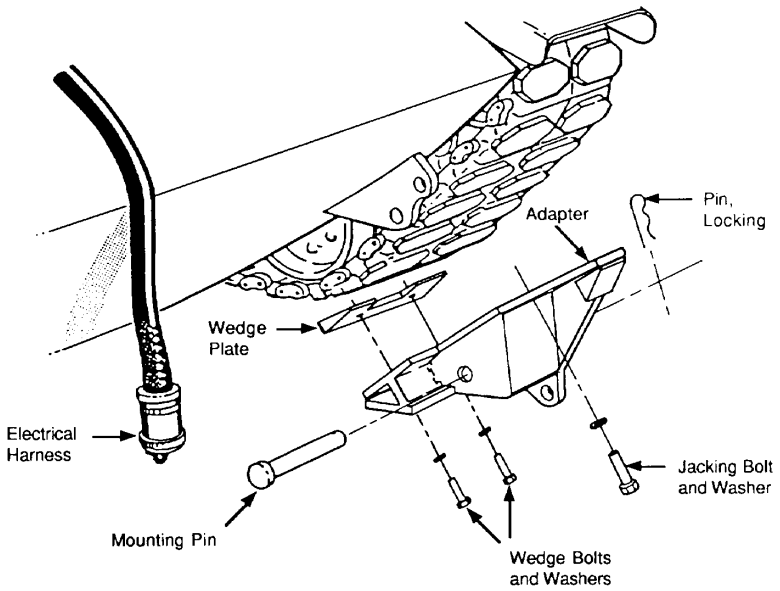

Figure 4. -- M60A1 Tank Adapter Kit

MCO 8420. 10
12 Jun 91

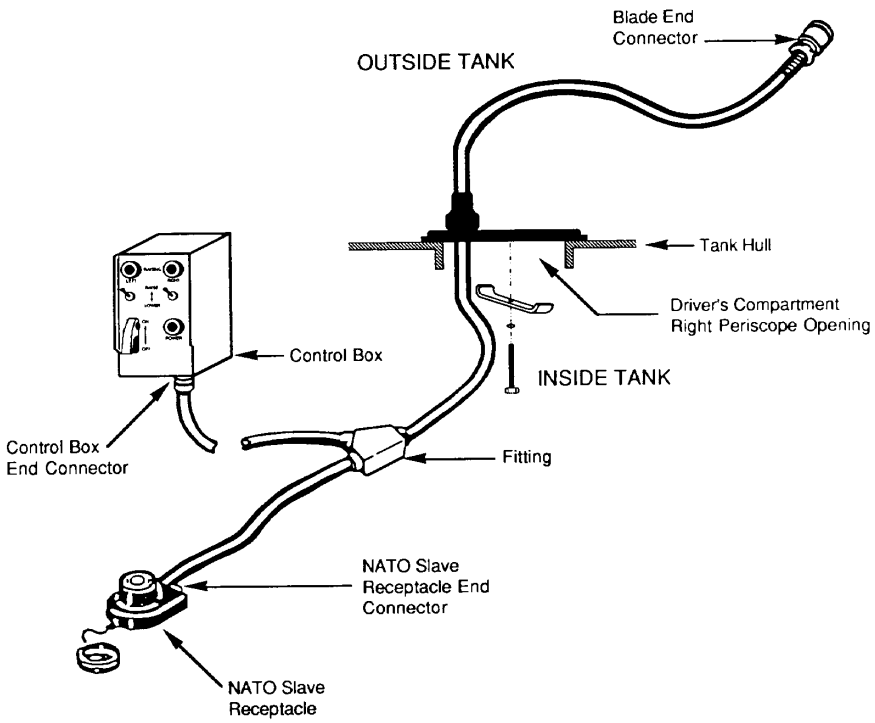

Figure 5. -- Electrical Power Cable

ENCLOSURE (1)

c. Operational Characteristics

(1) The purpose of the MCB is to provide a capability for the M1A1 series tank to rapidly conduct a hasty breach of a minefield obstacle. When in the plowing position, the blade clears mines from the track path by casting them to the outside of the vehicle track, crushing or destroying them in place, or detonating them on encounter or during removal. In addition, the MCB detonates tilt-rod fuzed mines encountered between tracks by means of a weighted chain that drags between the moldboard assemblies.

(2) The adapter kit permits the MCB, designed for use with the M1A1, to be installed on and operated with the M60A1. The MCB may then be employed by units which are equipped with the M60A1 under all terrain and climatic conditions in which the tank can operate. It can be operated independently or in conjunction with other mine clearing systems (i.e., clear lane marking systems, explosive line charges, etc.) to enable the maneuver commander to rapidly breach multiple lanes of known or suspected mine areas, thus alleviating the obstacle value and lethality.

(3) The MCB (figure 3) has a mounting frame which pins (via the adapter kit in the case of the M60A1) to the tank's towing lugs on the lower front glacis plate. Push beams extend from the lower part of the mounting frame on both sides. Plowingtines are welded onto blades (moldboards), which are fixed to the front of each push beam. A depth control device (skid shoe) is fixed to the inside of each blade.

(4) Electric motors are mounted on the upper part of the mounting frame. These motors have drive mechanisms which raise and lower the push beams using nylon straps connected to the beams. When in the raised position, the push beams are locked in place by travel lock mechanisms.

(5) Power from the tank's electrical system is supplied to electric motors on the front of the tank using a special wiring harness fed through the drivers right-hand viewport. The harness directs electrical power to the MCB through a control mechanism that allows the driver to raise and lower the blade.

(6) The M1A1 and M60A1 use the same control mechanism which is part of the MCB. The interface between the tank and the control mechanism is slightly different between the M1A2 and M60A1. The electrical power cable includes parts for both interfaces.

(7) Figures 4 and 5 are illustrations of the adapter kit and electrical power cable for the M60A1.

(8) The MCB is compatible with the M1A1 and the M60A1 RISE Passive (R/P) tank (with and without applique armor).

(9) The MCB has a mounting frame as an integral component. The adapter kit was designed to compensate for the differences in the lower front glacis plate angles of the M1A1 and M60A1.

d. Associated Systems/Equipment

	ID NO	TAMCN	NSN
Tank, M60A1 (R/P)	07585D	E1875	2350-01-059-1503
Tank, M60A1 (R/P) w/ Applique Armor	07585	E1875	2350-01-275-7484
Tank, Combat, Full Tracked, 120mm Gun M1A1	08953A	E1888	2350-01-087-1095

3. LOGISTIC SUPPORT

a. Maintenance Support

(1) Maintenance Policies. The commander is responsible for the operational readiness of the MCBs and for organizational maintenance within the table of organization (T/O) mission statement. Intermediate maintenance activities are responsible to support that maintenance which is required and beyond the capabilities of the organizational level. The MCB will be maintained within the parameters of the Marine Corps Integrated Maintenance Management System (MIMMS).

(2) Categories/Echelons. The levels of maintenance for the MCB and collateral equipment will be conducted per MCO P4790.1 and MCO P4790.2. Specific tasks related to MCB, M60A1 adapter kit and electrical interface maintenance levels are described below.

(3) Responsibilities and Levels of Maintenance

(a) Organizational. The M60A1 or M1A1 crewman (Military Occupational Specialty (MOS) 1811/1812 is responsible for the proper care, use, operation, cleaning, preservation, lubrication, adjustment, and other appropriate preventive maintenance as prescribed by TM 2590-10/1. There is no requirement to collect MIMMS data at first echelon. Maintenance personnel (MOS 2145/2146) in the tank companies will perform scheduled maintenance; inspect and diagnose readily traceable equipment malfunctions; replace major assemblies/modular

components which can be readily removed/installed; and replace easily accessible piece parts not authorized at first echelon. All adapter kits and electrical power cables may be replaced at this level (second echelon). The following MCB parts can be replaced at the organizational level:

1 Moldboard extensions
2 Cables
3 Skid shoes
4 Straps
5 Electrical harnesses

(b) Intermediate. Fleet Marine Force (FMF) intermediate maintenance personnel will inspect the MCB for serviceability and repair, or replace major components. Structural members can be welded at this level and electric motors and all subsystem components can be replaced. Unreparable items will be condemned and replaced at this level.

(c) Depot. None.

b. Contractor Support. None required.

c. Manpower, Personnel, and Training

(1) Personnel Requirements. No changes to T/O's will be required for this system.

(2) Training Requirements

(a) Instructor and Key Personnel Training (IKPT)

1 Tank Automotive Command (TACOM). The U.S. Army conducted an MCB Direct Support/General Support (DS/GS) maintenance course at TACOM, Warren, MI, during September 1989. The Marine Corps had three quotas for Force Service Support Group (FSSG) personnel at this course:

a Fleet Marine Force, Pacific (FMFPAC) - 2

b Fleet Marine Force, Atlantic (FMFLANT) - 1

2 Naval Coastal Systems Center (NAVCOASTSYSCEN). Training was conducted, by NAVCOASTSYSCEN, for operators MOS 1811/1812 and organizational mechanics (MOS 2145/2146) at Marine Corps Base, Camp Pendleton, CA, during September 1989. Table 1 reflects how quotas were distributed.

(b) Follow-On Training. The designated personnel have completed IKPT (TACOM or NAVCOASTSYSCEN) and returned to

their respective commands. All IKPT trainees were given written materials and a training video and are expected to supervise and instruct other unit personnel in the operation and maintenance of the MCB, M60A1 adapter kit and electrical power cables for both the M1A1 and M60A1 tanks. The New Equipment Training Team (NETT) and the U.S. Army Armor School, Ft. Knox, KY, will incorporate MCB training as part of their respective Programs of Instruction (POI's) beginning in the third quarter of FY 90.

TABLE 1. STUDENTS FOR IKPT

ACTIVITY	NUMBER OF STUDENTS	
	OPERATORS	MECHANICS
FMFPac	7	7
FMFLant	3	3
4th Marine Division	4	6
Marine Barracks, Guantanamo, Cuba	2	2
The Basic School (TBS)	1	2
Marine Corps Institute (MCI)	1	0
U.S. Army Armor School	1	0

The Marine Corps Institute (MCI) will incorporate the MCB into training courses for the M1A1 and M60A1. IKPT graduates will conduct classes and Managed On-the-Job Training (MOJT) for operators and mechanics in their respective units.

(3) Training Support Items

(a) Training Material. Actual hardware will be used as training aids for field instruction. Due to the MCB's weight, classroom instruction will only include graphic representations of the equipment. All training will be based on the details in the Marine Corps technical manuals listed in paragraph 3f.

(b) Technical Manuals. Manuals will be force fed when sufficient quantities are in stock at MCLB, Albany, GA.

d. Supply Support

(1) General. MCB common hardware repair parts have been procured for delivery to MCLB, Albany, GA. Parts will be marked "Set Assembly, Project R2X," and subsequently provided to the field in support of MCB issue. Common hardware issue repair parts will be provided to field commands overpacked with end items.

(2) Supply Concept. The U.S. Army is the Primary Inventory Control Activity (PICA) for the MCB unique items and will provide supply support to interservice customers. MCLB, Albany, GA, is the Secondary Inventory Control Activity (SICA). Support for normal requisitioning will become available in late FY 90. MCLB (Code 833-3), Albany, GA. will control supply support for the M60A1 adapter kit and electrical power cable when they become available in FY 90.

(3) Common Parts. Repair parts that are common to other equipment will be available through established supply support channels.

e. Support Equipment. The following tools and equipment are required to install the MCB on the M60A1.

(1) Tools

(a) One 1 1/2 inch open-end wrench

(b) One 1 1/8 inch socket and socket handle

(c) One 9/16 inch socket

(d) One 4 lb hammer

(e) One pry bar

(2) Equipment:

(a) One all-terrain forklift.

(b) Two 8-ton hydraulic jacks.

f. Technical Publications. The following technical manuals (TM's) will be available to support the MCB:

(1) U.S. Army TM 9-2590-509-10/USMC TM 2590-10/1 Operator's Manual, Blade, Mine Clearing, with change A PCN 18202326000.

(2) U.S. Army TM 9-2590-509-10/USMC TM 2590-10/1-HR Hand Receipt, Stock List Items, PCN 18202327000.

(3) U.S. Army TM 2590/23 & P/2 Mine Clearing Blade, Abrams Tank, PCN 18202328000

(4) U.S. Army Tm 9-2350-257-20-1 Organizational Maintenance, Tank, Combat, Full-Tracked: 105mm Gun, M60A1 RISE (NSN 2350-00-116-9765) and RISE Passive Hull (NSN 2350-01-059-1503).

(5) U.S. Army TM 9-1375-253-14&P Technical Manual, Operator, Unit, Intermediate Direct Support, and Intermediate General Support Maintenance Manual (Including Repair Parts and Special Tools List), Applique Armor P/N 9399264 for Tank, Combat, Full-Tracked, 105mm Gun, M60A3.

g. Computer Resources Support. None required.

h. Facilities. None required.

i. Packaging, Handling, Storage, and Transportation. The MCB and repair parts will be packaged per the current directives. Each MCB packed for shipping will have a maximum weight of 9000 pounds and will contain, in addition to the MCB, the Operator's Manual, initial spare/repair parts support package, and modification kit, when shipped from either MCLB Albany, GA, or MCLB Barstow, CA. The M60A1 adapter kit will be packed in one crate conforming to MIL-C-104. Accessory equipment and any loose parts will be packed conforming to PPP-OB-601, overseas type, or PPP-B-621, class 2. The adapter kit and electrical power cable will be anchored, blocked and braced on the crate base in accordance with MIL-STD-1186.

j. Warranties. There is no warranty for the MCB under the current procurement contract. Future contracts will require a warranty if the unit cost thresholds exceed those established by the Defense Procurement Reform Act of 1985. Warranty requirements will be tailored to meet the unique circumstances of the procurement per MCO 4105.2.

4. Actions Required To Place Equipment In Service

a. Gaining Commands

(1) Commanding General, FMFLANT

(a) Appoint a single POC, at each of the following levels, responsible for coordinating the fielding of the MCB.

1 2d Marine Division

2 2d FSSG

3 2d Tank Battalion

(b) Coordinate all fielding schedules, locations, and support requirements.

(c) Report receipt/acceptance of materiel, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(d) Report any deficiencies and/or problems relevant to fielding, to the CG, MCRDAC (CBGT) prior to acceptance.

(2) CG FMFPAC

(a) Appoint a single POC, at each of the following levels, responsible for coordinating the fielding of the MCB.

1 7th Marine Expeditionary Brigade

2 1st FSSG

3 3rd Tank Battalion

4 Combat Service Support Detachment (CSSDet) - 12, 1st FSSG

(b) Coordinate all fielding schedules, locations, and support requirements.

(c) Report receipt/acceptance of material, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(d) Report any deficiencies and/or problems relevant to fielding to CG, MCRDAC (CBGT) prior to acceptance.

(3) CG MCLB, ALBANY, GA

(a) Conduct inventory of set assembly of the end item under project R2X.

(b) Provide Principal End Item (PEI) and common hardware parts to field units when directed by CG MCRDAC (CBGT), in accordance with appendix B.

(c) Report any deficiencies and/or problems relevant to the fielding process to CG MCRDAC (CBGT).

(4) CG MCRDAC

(a) Assume overall responsibility for the fielding of the MCB.

(b) Direct the activities of the fielding effort.

(c) Coordinate all requirements and activities between the gaining commands and CG MCLB (833-3) Albany, GA.

LIST OF ALLOWANCES FOR MCB

T/E	UNIT	T/E QTY	MULTI-PLIER	TOTAL QTY
H1524	MPS I Tank Co	3	X 3 =	9
I1524	MPS II Tank Co	3	X 3 =	9
J1524	MPS III Tank Co	3	X 3 =	9
N1514	Tank Co, 1st Tank Bn	4	X 3 =	12
N1524	Tank Co, 2d Tank Bn	4	X 3 =	12
N1534	Tank Co, 3rd Tank Bn	3	X 3 =	9
7014	Maint Float Albany	1	X 1 =	1
7011	Maint Float Barstow	1	X 1 =	1
5066	MC Admin Det U.S. Army Armor School, Ft Knox, Ky	2	X 1 =	2
	New Equipment Training Team	0(+1)	X 1 =	1(1)
	PWR			
	MCLB, Albany, GA	5	X 1 =	5(2)
	MCLB, Barstow, CA	5	X 1 =	5
			TOTAL	75

NOTES:

(1) The NETT's MCB will be sent to MCLB, Barstow, CA when it is no longer required for initial training.

(2) At the time of printing, funding was not available for the procurement of three additional MCB's for PWR. PWR assets at MCLB, Albany, GA, will be three MCBs.

Appendix A to
ENCLOSURE (1)

SCHEDULE OF EVENTS

1. The MCB's will be shipped to Marine Corps Logistic Bases for set assembly, prior to distribution to the gaining commands, in accordance with the following schedule.

Month and Year	Quantity	Logistic Base
June 1989	3	Barstow, CA
July 1989	3	Albany, GA
August 1989	3	Barstow, CA
September 1989	3	Albany, GA
October 1989	4	Barstow, CA
November 1989	4	Albany, GA
December 1989	8	Barstow, CA
January 1990	8	Albany, GA
February 1990	12	Barstow, CA
March 1990	11	Albany, GA
April 1990	1	Barstow, CA
May 1990	12	Albany, GA

2. Shipments to gaining commands will be initiated by CG, MCRDAC (CBGT) during the fourth quarter of FY 90.

T/E	UNIT	T/E QTY	MULTI-PLIER	TOTAL QTY	FY90 1 2 3 4	FY91 1 2 3 4	FY92 1 2 3 4	FY93 1 2 3 4
H1524	MPS I Tank Co	3	X 3 =	9			5 2 2	
I1524	MPS II Tank Co	3	x 3 =	9			2	2 3 2
J1524	MPS III Tank Co	3	X 3 =	9		2 2 2 3		
N1514	Tank Co, 1st Tank Bn	4	X 3 =	12	12			
N1524	Tank Co, 2nd Tank Bn	4	X 3 =	12	12			
N1534	Tank Co, 3rd Tank Bn	3	X 3 =	9	9			
7014	Maint Float, Albany	1	X 1 =	1	1			
7011	Maint Float, Barstow	1	X 1 =	1	1			
5066	MC Admin Det U.S. Army Armor School Fort Knox, KY	2	X 1 =	2	2			
	NETT	(0)(+1)	X 1 =	1	1[1]			
	PWR Albany, GA	2	X 1 =	2	2			
	PWR Barstow, CA	5	X 1 =	5	5			
			TOTAL	72				

NOTE(S):
[1]The NETT's MCB will be sent to MCLB Barstow, CA, when it is no longer required for initial training.

MCO 8420.10
12 Jun 91

POWER CABLE INSTALLATION MATERIAL

PROCEDURES AND IDENTIFICATION

For installation procedures and identification of the below listed items, refer to TM 2590-10/1 Change A.

MATERIAL REQUIRED

Description	NSN	PN	Qty
Electrical Power Cable w/(NATO) Slave Receptacle	6150-01-277-5636		13228E60521
Bracket, Control Box Mounting	*		1
Bracket, To Secure Power Cable in Periscope Cover	*		1
Screw, Cap, Hex Head 1/4-20 x 5/8	5305-00-225-3838		4
Washer, Flat 1/4 in	5310-01-869-3838		5
Lock Washer, 1/4 in	5310-00-582-5965		6
Nut, Plain Hex Head 1/4 in	5310-00-97-1888		3
Rod 1/4-20 x 6.5 with Welded Nut	*		1

MATERIAL RETAINED

Description	NSN	PN	Qty
Bracket, Control Box	*		1
Elbow, Power Cable	*		1
Periscope, M27	1240-00-344-4643		

MATERIAL DISCARDED

Description	NSN	PN	Qty
Screw, Cap, Head 1/4-20 x 1/2	5305-00-068-0500		2

*Replacement items are to be locally fabricated. Applicable drawings can be obtained through MCLB, Albany, Code 833-3.

ACRONYMS

CMC	Commandant of the Marine Corps
DA	Department of the Army
DS/GS	Direct Support/General Support
ED	Engineering Development
ID NO	Identification Number
IKPT	Instructor and Key Personnel Training
MAGTEC	Marine Air-Ground Training and Education Center
MARES	Marine Corps Automated Readiness Evaluation System
MBT	Main Battle Tank
MCB	Mine Clearing Blade
MCI	Marine Corps Institute
MCLB	Marine Corps Logistics Base
MCO	Marine Corps Order
MCRDAC	Marine Corps Research, Development, and Acquisition Command
MFP	Materiel Fielding Plan
MI	Modification Instruction
MN	Materiel Need
MOJT	Managed On-the-Job Training
MPS	Maritime Prepositioned Ships
NAVCOASTSYSCEN	Naval Coastal Systems Center
NETT	New Equipment Training Team
NSN	National Stock Number

O&M	Operation and Maintenance
PEI	Principal End Item
PICA	Primary Inventory Control Agent
POM	Program Objective Memorandum
PT	Peacetime Training
RISE	Reliability Improved Selected Equipment
ROC	Required Operational Capability
R/P	RISE Passive
SICA	Secondary Inventory Control Activity
SORTS	Status of Resources and Training System
TACOM	US Army Tank and Automotive Command
TAMCN	Table of Authorized Materiel Control Number