

MILES:

Multi-Integrated Laser Engagement System

Obtaining, Controlling, Maintaining, and Returning

**DPTMS Training Support Center
MILES Warehouse
Building 12-600 Jackson Blvd.
Ft. Jackson, SC 29207**

"Nothing Less Than the Absolute Best"

**Hours 0700 – 1100 and 1230 – 1500
803-751-7521 Office
803-751-2729 Fax
October 2010**

**FT JACKSON MILES TEAM
Charlie Riley – Steve Broderick – Lyle Daniels**

PURPOSE:

The purpose of this document is to instruct the MILES requester the procedures for the DPTMS TSC MILES Warehouse on Fort Jackson, SC.

SCOPE:

This document identifies specific requirements, responsibilities, and methods for the MILES requester in dealing with MILES.

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1) OBTAINING MILES EQUIPMENT

A. Authorization

Personnel must be authorized by their Unit's Commanding Officer to sign out equipment from the MILES Warehouse.

DA Form 1687 - Notice of Delegation of Authority

The unit must submit an up to date DA Form 1687, Delegation of Authority Card, indicating those unit personnel authorized to request and receive MILES equipment, to the MILES Warehouse Bldg 12-600.

An updated DA 1687 must be submitted if:

1. It is older than 12 months
2. The unit has a new Company Commander
3. There is a change in the personnel authorized to receive MILES
4. Unit changes name

B. Training

Requesting units must have personnel who have been trained by the MILES trainer before they may obtain MILES.

To arrange for training, contact the MILES trainer, Lyle Daniels 803-530-9653 or the MILES warehouse 803-751-7521.

C. Procedure

1. Requesting MILES

The unit must determine the amount and type of MILES equipment that will be required. It is suggested that the requesting person gets together with the Drill Sergeants to ensure they request the appropriate MILES.

CALL BEFORE YOU COME TO THE MILES WAREHOUSE
803-751-7521

a. Submitting a Request For Issue of MILES Equipment

- 1) Request must be submitted a minimum of **60 days** in advance of date required as per SOP.

Hint: The Rainbow room has your schedule for 6 months out.

- 2) Frozen units will not be supported through out the TSC.
A unit is frozen when they fail to comply with the procedure.
- 3) Request must be made on the:
Request For Issue of MILES Equipment form,
available in the form section of this document.
- 4) Requests from Ft. Jackson units must be made in person.
If you are located away from Ft. Jackson you may fax it.
Call after faxing to verify we received it.
- 5) **You MUST call 803-751-7521 before you come to the MILES Warehouse to ensure someone is there.**

2. Receiving the Equipment

- a. You must have submitted a request prior to coming to pick up.
- b. You **MUST** call 803-751-7521 before you come to the MILES Warehouse to ensure someone is there.
- c. The recipient should confirm what type and size vehicle is necessary to transport the MILES equipment and their detail **safely**.
- d. The recipient must be listed on the current DA Form 1687.
- e. Unit must furnish a detail for loading/unloading the equipment.
- f. An inventory will be conducted on all MILES equipment leaving the MILES warehouse.
- g. A **MILES TS-MATS** receipt listing all MILES equipment being issued will be signed by the recipient. The recipient is responsible for the complete return of the equipment. You will get a copy.
- h. **The recipient MUST be the one to return the equipment.**
Prearranged exceptions may be made on case by case basis.

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803-751-7521

2) CONTROLLING MILES EQUIPMENT

The recipient should develop a system to ensure accountability of the MILES equipment at all times.

The recipient is held responsible to return all equipment.

Use Form 2062 or the MILES Hand Receipt in the forms section to sub issue the equipment. This protects you, the recipient.

When receiving equipment back, ask if there is any defective equipment. Mark it so you may identify it during turn-in.

Inventory the equipment when the unit returns it to you. Note any missing equipment so you may submit the correct Forms, **as required**, when returning the equipment.

Ensure batteries have been taken out of the equipment and it is packed as per the packing sheet.



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3) MAINTAINING THE EQUIPMENT

A. Batteries

1. Remove batteries when not in use.

- a. Batteries **MUST** be removed from the equipment when not in use.
- b. Batteries left in equipment during storage will leak and damage the gear.
- c. Ensure all batteries are removed before the equipment is packed.

B. Wet MILES Equipment

1. Moisture can be an enemy of MILES gear

- a. MILES gear may get wet when in use. (rain, snow, sweat)
- b. **MILES MUST NOT BE PACKED WET.**
- c. MILES packed wet causes the fabric to mold and rot.
- d. MILES packed wet causes the rivets and wires to corrode and come apart.
- e. Moldy MILES smells bad.
- f. Inspect the MILES case to ensure moisture is not present.
- g. Always ensure the equipment and case is **DRY** before packing.

C. Defective Equipment

1. Defective equipment should be tagged

- a. Defective equipment should be noted and pointed out to the MILES warehouse personnel during turn-in.
- b. If in the field, the MILES trainer may have equipment to swap out so training may continue.
- c. Defective MILES may also be swapped out at the MILES Warehouse.

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4) RETURNING MILES EQUIPMENT

A. Preparing to return the equipment

1. Inventory of equipment

- a. All MILES equipment **MUST** be accounted for.
- b. If equipment cannot be found, prepare the correct paperwork for submission to the **TSC Property Book Officer** during turn-in.

2. Inspection and Packing – 3 C’s, Clean - Complete - Correct

- a. Equipment **MUST** be Clean and Dry.
- b. Turn-in must be **Complete** or with required paperwork.
- c. Equipment **MUST** be **Correctly** packed as per Packing Sheet.
- d. Batteries **MUST** be removed from all MILES equipment.
- e. Defective equipment should be marked or kept separate.
- f. Keep Transmitter key in the Full Clockwise Position.

Only after all equipment is turned in and paperwork on lost or damaged items is completed, will you be cleared.

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803-751-7521

B. Returning the MILES equipment to the MILES Warehouse

1. CALL the MILES Warehouse

- a. Call the MILES Warehouse to ensure someone will be there. 803-751-7521

2. At the MILES Warehouse

- a. Unit must furnish a detail for unloading the equipment.
- b. Back up to the loading dock and then report to the office.
- c. MILES Warehouse personnel will assist you.
- d. Defective equipment should be noted to the MILES Warehouse worker.
- e. The equipment will be inventoried and compared to Hand Receipt.
- f. Equipment will be checked to see if it's clean and dry.
If not, you will be instructed to reload the equipment and come back when the proper corrective action has been completed.
- g. Equipment will be checked to see if batteries have been removed.
If not, you will be instructed to remove them and to repack the equipment.
- h. Equipment will be checked to see if it's packed correctly,
If not, you will be instructed to repack the equipment.
- i. If the turn-in is satisfactory, you will receive a receipt.
- j. If the turn-in is missing items, you will be directed to the PBO for submittal of the proper forms. A copy must be brought to the MILES Warehouse to be CLEARED.

CALL BEFORE YOU COME TO THE MILES WAREHOUSE

803-751-7521

5) FORWARD OPERATING BASE (FOB)

MILES Maintenance SOP

1. This SOP establishes procedures that will be followed by all units during the execution of the Victory Forge Field Training Exercise. Compliance with these procedures ensures that MILES (Multi-Integrated Laser Engagement System) is a viable enhancement to the training experience and allows for a realistic battlefield training environment by providing tactical engagement simulation for direct fire force on force training.

2. INITIAL ISSUE AND FUNCTIONS CHECK: During pre occupation coordination, D-5 the battalion S4 will coordinate with the BDE LNO for initial issue. On the day of issue the battalion S4 with a 20 Soldier detail will draw MILES from the MILES connex. Torsos, halos and transmitters will be taken from storage to the trouble shooting area where the MILES functions check team (consisting of 4 personnel; 2 torso, 1 halo and 1 transmitter). Will perform a functions check on each component. Components identified as inop will immediately be separated for turn in to the BDE LNO. Non functioning equipment will swapped at the MILES warehouse on a one for one basis. Batteries are made available on day of issue.

3. FUNCTIONS CHECK AND TURN IN DURING FTX OPERATIONS: DS leaders are responsible for ensuring that MILES functions checks are incorporated into all PCIs and rehearsal prior to training mission execution. As equipment is identified as INOP, DSs will turn in equipment to their company supply sergeant who will in turn turnover to the battalion S4. The battalion S4 will coordinate for replacement with the BDE LNO or the MILES warehouse. During hours when the BDE LNO may not be available coordinate with MILES warehouse or the battalion S4 who will tag as INOP and secure the equipment until the BDE LNO or the MILES warehouse is available. Status of equipment should be included in the units daily battlefield update.

4. ENDEX/ FOB CLOSURE: The battalion S4 will coordinate with the BDE LNO for turn in and will use the same functions check team for turn in. All components will be cleaned by dry brushing if needed before turn in. All batteries will be removed. Once checked, clean and serviceable components will store appropriately. INOP equipment will be replaced by the BDE LNO. If additional MILES training is desired during cycle break or during the cycle coordinate with the BDE LNO, the MILES trainer, or the MILES Warehouse for time and date.

5. DAMAGED OR LOST COMPONENTS: Reports of lost or damaged equipment will be processed through unit supply representative. If equipment is lost, the unit will take appropriate measures in an attempt to find the missing items. Within five days after ENDEX, the unit will prepare and process either a statement of charges or FLIPL through the BDE S4. Lost or damaged equipment will be noted on the unit closure report.

6. Points of contact

MILES warehouse: (Hours 0700-1100, 1245-1515) 803-751-7521

MILES Contact Team: Mr. Lyle Daniels. Cell 803-530-9653

6) FORMS

Please copy the following forms for your use.

NOTICE OF DELEGATION OF AUTHORITY – RECEIPT FOR SUPPLIES <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>				DATE	
AUTHORIZED REPRESENTATIVE(S)					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
LAST NAME-FIRST NAME-MIDDLE INITIAL	SOCIAL SECURITY NUMBER	AUTHORITY		SIGNATURE AND INITIALS	
		REQ	REC		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER					
THE UNDERSIGNED HEREBY <input type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE THE AUTHORITY TO: Request, Receive, and Turn-in MILES At the TSC MILES Warehouse Fort Jackson, SC					
REMARKS					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST NAME-FIRST NAME-MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

DA FORM 1687, JAN 82

EDITION OF DEC 57 IS OBSOLETE.

USAPPC V3.00

CALL BEFORE YOU COME TO THE MILES WAREHOUSE
803-751-7521



REQUEST FOR ISSUE OF MILES EQUIPMENT



TSC MILES Warehouse (MWH)

Date: _____

Building 12-600 Ft. Jackson, SC 29207 (803) 751-7521 Fax (803) 751-2729 DSN 734-7521

UNIT: _____ **MILES ACCOUNT NUMBER:** _____

ADDRESS: (If Off Post) _____

1. Request Must Be Submitted 60 Days in Advance as per SOP.
2. Person picking up equipment must have an updated DA Form 1687 on file with MW.
3. Unit must furnish a detail for loading and unloading equipment.
4. Equipment may only be returned by the person that checked it out.
5. Please Identify/Tag any defective equipment.
6. All MILES equipment Instructors/Trainers **MUST** be qualified on the effective use of MILES as it supports the AAR (After Action Review), by the MILES Trainer, Lyle Daniels (803) 530-9653 cell.
7. Equipment Must Be Turned in Clean, Dry, and Packed Correctly ASAP After Training Ends or Your BRIGADE'S TSC Accounts may be Frozen.

**CALL 803-751-7521 BEFORE COMING TO PICK-UP OR RETURN EQUIPMENT
EQUIPMENT**

M16A2 (MWLD) Case of 20 sets	_____	ea
(Torso 11748856, Halo 11748893, M16A1/A2 Xmtr 9359249)		
SAW Machine Gun Xmtr A-07-56	_____	ea
Yellow Keys 11749094-1	_____	ea
Small Arms Alignment Fixture 9353020	_____	ea
Dry Fire Cables 9359217	_____	ea
Green Keys 11749038	_____	ea
UCD's with Holster 183571-1	_____	ea
MCD's with Belt Clip 183570-1	_____	ea
Mobile Independent Target Sys 12923331	_____	ea
Electronic Systems Test Set A-07-139	_____	ea
9 Volt Batteries	_____	ea
6 Volt Batteries	_____	ea
AA Batteries	_____	ea
_____	_____	ea
_____	_____	ea

Requested Pick-Up Date _____

Requested Return Date _____

Equipment will be picked up by: _____ **Phone:** _____

Point of Contact will be: _____ **Phone:** _____

Requesting Official



MILES Temporary Hand Receipt



UNIT: _____ Date: _____

RECEIVED:

M16A2 (MWLD) sets	_____	ea
(Torso 11748856, Halo 11748893, M16A1/A2 Xmtr 9359249)		
SAW Machine Gun Xmtr A-07-56	_____	ea
Yellow Keys 11749094-1	_____	ea
Small Arms Alignment Fixture 9353020	_____	ea
Dry Fire Cables 9359217	_____	ea
Green Keys 11749038	_____	ea
UCD's with Holster 183571-1	_____	ea
MCD's with Belt Clip 183570-1	_____	ea
Mobile Independent Target Sys 12923331	_____	ea
Electronic Systems Test Set A-07-139	_____	ea
9 Volt Batteries	_____	ea
6 Volt Batteries	_____	ea
AA Batteries	_____	ea
_____	_____	ea
_____	_____	ea

ISSUED BY: _____

RECEIVED BY:
PRINT NAME & PHONE NUMBER: _____

SIGNATURE: _____

TURN – IN DATE: _____

CALL BEFORE YOU COME TO THE MILES WAREHOUSE
803-751-7521

FINANCIAL LIABILITY INVESTIGATION OF PROPERTY LOSS

PRIVACY ACT STATEMENT

AUTHORITY: 10 USC 2775; DoD Directive 7200.11; EO 9397.

ROUTINE USE(S): None.

PRINCIPAL PURPOSE(S): To officially report the facts and circumstances supporting the assessment of financial charges for the loss, damage, or destruction of DoD-controlled property. The purpose of soliciting the SSN is for positive identification.

DISCLOSURE: Voluntary; however, refusal to explain the circumstances under which the property was lost, damaged, or destroyed may be considered with other factors in determining if an individual will be held financially liable.

1. DATE INITIATED (YYYYMMDD)		2. INQUIRY/INVESTIGATION NUMBER		3. DATE LOSS DISCOVERED (YYYYMMDD)	
4. NATIONAL STOCK NO.		5. ITEM DESCRIPTION		6. QUANTITY	7. UNIT COST
9. CIRCUMSTANCES UNDER WHICH PROPERTY WAS (X one) <i>(Attach additional pages as necessary)</i>		<input type="checkbox"/> LOST	<input type="checkbox"/> DAMAGED	<input type="checkbox"/> DESTROYED	
10. ACTIONS TAKEN TO CORRECT CIRCUMSTANCES REPORTED IN BLOCK 9 AND PREVENT FUTURE OCCURRENCES <i>(Attach additional pages as necessary)</i>					
11. INDIVIDUAL COMPLETING BLOCKS 1 THROUGH 10					
a. ORGANIZATIONAL ADDRESS <i>(Unit Designation, Office Symbol, Base, State/Country, Zip Code)</i>		b. TYPED NAME <i>(Last, First, Middle Initial)</i>		c. DSN NUMBER	
		d. SIGNATURE		e. DATE SIGNED	
12. (X one)	RESPONSIBLE OFFICER (PROPERTY RECORD ITEMS)		REVIEWING AUTHORITY (SUPPLY SYSTEM STOCKS)		
a. NEGLIGENCE OR ABUSE EVIDENT/SUSPECTED <i>(X one)</i>	b. COMMENTS/RECOMMENDATIONS				
<input type="checkbox"/> YES <input type="checkbox"/> NO					
c. ORGANIZATIONAL ADDRESS <i>(Unit Designation, Office Symbol, Base, State/Country, Zip Code)</i>		d. TYPED NAME <i>(Last, First, Middle Initial)</i>		e. DSN NUMBER	
		f. SIGNATURE		g. DATE SIGNED	
13. APPOINTING AUTHORITY					
a. RECOMMENDATION <i>(X one)</i>	b. COMMENTS/RATIONALE			c. FINANCIAL LIABILITY OFFICER APPOINTED <i>(X one)</i>	
<input type="checkbox"/> APPROVE <input type="checkbox"/> DISAPPROVE				<input type="checkbox"/> YES <input type="checkbox"/> NO	
d. ORGANIZATIONAL ADDRESS <i>(Unit Designation, Office Symbol, Base, State/Country, Zip Code)</i>		e. TYPED NAME <i>(Last, First, Middle Initial)</i>		f. DSN NUMBER	
		g. SIGNATURE		h. DATE SIGNED	
14. APPROVING AUTHORITY					
a. RECOMMENDATION <i>(X one)</i>	b. COMMENTS/RATIONALE			c. LEGAL REVIEW COMPLETED IF REQUIRED <i>(X one)</i>	
<input type="checkbox"/> APPROVE <input type="checkbox"/> DISAPPROVE				<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
d. ORGANIZATIONAL ADDRESS <i>(Unit Designation,</i>		e. TYPED NAME <i>(Last, First, Middle Initial)</i>		f. DSN NUMBER	
		g. SIGNATURE		h. DATE SIGNED	

DD FORM 200, OCT 1999

PREVIOUS EDITION IS OBSOLETE.

7) NSN's for the common items

MILES NSN List			
Item	NSN	Part Number	Notes
Detector MWLD Helmet	1265-01-075-4895	11748893	Halo
Detector MWLD Torso	1265-01-075-4892	11748856	Torso
Laser Transmitter M16A1/A2	1265-01-307-1722	9359249	
Laser Transmitter M16A1	1265-01-079-5264	11749083	
Laser Transmitter M60 MG	1265-01-092-7665	11749271	
Laser Transmitter M50 MG	1265-01-085-1583		
Laser Transmitter SAW M249	1265-01-236-6724	11838730	
Dry Fire Cable M16A1/A2	6150-01-313-0703	9359217	
SIM Control Gun M251	1265-01-092-0891	11748811	
Holster , Control Gun M251	6920-01-366-4357	11749742	
Small Arms Alignment Fixture	5860-01-116-8160	9353020	
Yellow Weapon Deactivating Key	5315-01-076-1993	11749094-1	
Orange Weapon Deactivating Key	5315-01-076-1994	11749094-2	
Green Weapon Deactivating Key	1265-01-363-5838	11749038	
Mobile Independent Targeting System	1265-01-298-4582	1292316	
UCD		183571-1	Blue gun
Holster, UCD	1095-01-194-3343	9388057	L23-101AB
Lanyard, UCD		L23-1011B	
MCD		183570-1	black remote
Key FOB and Lanyard, MCD		L23-1011C	
LTID , Electronic Assy		12629861	
LTID, Detection Assy		12629862	
LTID, Shock Generator Mech Assy		12629863	
M16A1/A2 Transit Case		9359265	

CALL BEFORE YOU COME TO THE MILES WAREHOUSE

803-751-7521

Corrosion caused by packing wet MILES



CALL BEFORE YOU COME TO THE MILES WAREHOUSE
803-751-7521