SOW CHANGE PROPOSAL

SOW-00-837-2-09599A-2/2	Change 1	26 June 2001
SOW-01-837-2-09599A-2/1	Change 1	
SOW-02-837-2-09599A-2/1	Change 1	

STATEMENT OF WORK (SOW)
for the
Inspection and Repair Only As Necessary (IROAN)
of the
ARMORED COMBAT EARTHMOVER (ACE)
NSN 2350-00-808-7100

1. **Change Paragraph 2.3 Other Government Documents and Publication from:**

2.3 **OTHER GOVERNMENT DOCUMENTS AND PUBLICATION**. The issues of those documents cited below shall be used.

ATPD 2241	Vehicles, Wheeled: Preparation For Shipment and Storage of
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material From The Federal Supply System
TM-4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.
TM-09599A-10/1	Operator's Manual, Armored Combat Earthmover
TM-09599A-24/2	Organizational and Intermediate Maintenance Manual
TM-09599A-24P/3	Organizational and Intermediate Maintenance Manual (Parts)
TM 9-4910-571-12P	Simplified Test Equipment For Internal Combustion Engines Reprogrammable (STE/ICE-R) Operators Manual.
TM 3080-34	Corrosion Prevention and Control
MCO P11262.2	Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment

To read:

2.3 **OTHER GOVERNMENT DOCUMENTS AND PUBLICATION**. The issues of those documents cited below shall be used.

ATPD 2241	Vehicles, Wheeled: Preparation For Shipment and Storage of
DoD 4000.25-1-M	MILSTRIP Manual
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TM 9-4910-571-12P	Simplified Test Equipment For Internal Combustion Engines Reprogrammable (STE/ICE-R) Operators Manual.
TM 3080-34	Corrosion Prevention and Control
MCO P11262.2	Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
MI 09599A-35/* (Draft)	***Installation of New Design Drive Hub and Sprocket and Modification on Final Drive Shaft***
MI 09599A-45/* (Draft)	***Actuator Access Plates Installation***
MI 09599A-45/* (Draft)	***Actuator Mounting Ring Installation For M9 Armored Combat Earthmover***

2. **Change Paragraph 3.3.2.a Service And Parts Manual from:**

a. **SERVICE AND PARTS MANUAL**: The Service and Parts Manuals listed below contains repair procedures and repair parts for the complete M9 ACE. The Trouble Shooting Guide contained in these manuals are to be used along with the Pre-Induction Checklist in

helping identify deficiencies with the M9 ACE. Repair procedures contained in these manuals are to be used to repair deficiencies identified on the Pre-Induction Checklist (Appendix A).

TM 09599A-10/1	Operators Manual
TM 09599A-24/2	Organization and Maintenance Manual, Volumes 1 and 2.
TM 09599A-24P/3	Organization and Maintenance Manual (Repair Parts)
TM 9-4910-571-12&P	Simplified Test Equipment for Internal Combustion Engines Reprogrammable (STE/ICE-R) Operators Manual

The Service Manuals listed may contain provision for corrosion control, painting, and packaging. Provisions for corrosion control, painting. and packaging is provided within this SOW and shall be the superseding requirement. Maintenance task identified in the service manual shall be followed in the IROAN of the M9 ACE.

Repair parts are listed in TM 09599A-24P/3. All repair/replacement parts shall be ordered using this manual. TM 09599A-24P/3 also establishes the basic configuration of the Marine Corps M9 ACE.

TM 09599A-24/2 contains many STE/ICE-R troubleshooting procedures. Follow test procedures in TM 9-4910-571-12&P to run the STE/ICE-R CI Engine GO NO-GO Chain, Page 3-17 of TM 09599A-24/2. Refer to TM 9-4910-571-12&P and repair or replacement procedures in chapter 4 of TM 09599A-24/2 to complete all equipment conditions. All STE/ICE-R test identified in TM 09599A-24/2 shall be conducted to determine condition of components/systems being tested.

To read:

a. **SERVICE AND PARTS MANUAL**: The Service and Parts Manuals listed below contains repair procedures and repair parts for the complete M9 ACE. The Trouble Shooting Guide contained in these manuals are to be used along with the Pre-Induction Checklist in helping identify deficiencies with the M9 ACE. Repair procedures contained in these manuals are to be used to repair deficiencies identified on the Pre-Induction Checklist (Appendix A).

TM 09599A-10/1	Operators Manual
TM 09599A-24/2	Organization and Maintenance Manual, Volumes 1 and 2.
TM 09599A-24P/3	Organization and Maintenance Manual (Repair Parts)
TM 9-4910-571-12&P	Simplified Test Equipment for Internal Combustion Engines Reprogrammable (STE/ICE-R) Operators Manual

MI 09599A-35/ (Draft)*	***Installation of New Design Drive Hub and Sprocket and Modification on Final Drive Shaft.***
MI 09599A-45/ (Draft)*	***Actuator Access Plates Installation***
MI 09599A-45/ (Draft)*	***Actuator Mounting Ring Installation for M9 Armored Combat Earthmover.***

The Service Manuals listed may contain provision for corrosion control, painting, and packaging. Provisions for corrosion control, painting. and packaging is provided within this SOW and shall be the superseding requirement. Maintenance task identified in the service manual shall be followed in the IROAN of the M9 ACE.

Repair parts are listed in TM 09599A-24P/3. All repair/replacement parts shall be ordered using this manual. TM 09599A-24P/3 also establishes the basic configuration of the Marine Corps M9 ACE.

TM 09599A-24/2 contains many STE/ICE-R troubleshooting procedures. Follow test procedures in TM 9-4910-571-12&P to run the STE/ICE-R CI Engine GO NO-GO Chain, Page 3-17 of TM 09599A-24/2. Refer to TM 9-4910-571-12&P and repair or replacement procedures in chapter 4 of TM 09599A-24/2 to complete all equipment conditions. All STE/ICE-R test identified in TM 09599A-24/2 shall be conducted to determine condition of components/systems being tested.

Modification Instructions not applied prior to IROAN shall be applied during IROAN. Use of the draft Modification Instructions is authorized.

3. **Change Appendix C from:**

CONFIGURATION CHECKLIST
ARMORED COMBAT EARTHMOVER (ACE). MODEL M9

VEHICLE:

Vehicle OEM Serial Number_____

Marine Corps Registration Number _____

OEM Model Number_____

Vehicle Hours At Pre-Induction _____

VEHICLE ENGINE:

Original Vehicle Engine Serial Number _____

Engine Required Replacement YES_____ NO_____

Replacement Engine Serial Number _____

VEHICLE TRANSMISSION:

Original Vehicle Transmission Serial Number _____

Transmission Required Replacement YES_____ NO_____

Replacement Transmission Serial Number _____

VEHICLE STEER UNIT:

Original Vehicle Steer Unit Serial Number _____

Steer Unit Required Replacement YES_____ NO_____

Replacement Steer Unit Serial Number _____

APPROVED CONFIGURATION CHANGES:

There are no approved configuration changes applicable to this IROAN Statement of Work.

To Read:

CONFIGURATION CHECKLIST
ARMORED COMBAT EARTHMOVER (ACE). MODEL M9

VEHICLE:

Vehicle OEM Serial Number_____

Marine Corps Registration Number _____

OEM Model Number_____

Vehicle Hours At Pre-Induction _____

VEHICLE ENGINE:

Original Vehicle Engine Serial Number _____

Engine Required Replacement YES_____ NO_____

Replacement Engine Serial Number _____

VEHICLE TRANSMISSION:

Original Vehicle Transmission Serial Number _____

Transmission Required Replacement YES_____ NO_____

Replacement Transmission Serial Number _____

VEHICLE STEER UNIT:

Original Vehicle Steer Unit Serial Number _____

Steer Unit Required Replacement YES_____ NO_____

Replacement Steer Unit Serial Number _____

APPROVED CONFIGURATION CHANGES:

Approved Waivers/Deviations applied during IROAN:

Waivers: _____

Deviations: _____

ECPs generated by approved Waivers/Deviations: _____

Modification/Technical Instructions:

MI 09599A-35/* (Draft) Applied Prior IROAN _____, During IROAN _____.

MI 09599A-45/* (Draft) Applied Prior IROAN _____, During IROAN _____.
Actuator Mounting Ring Modification.

MI 09599A-45/* (Draft) Applied Prior IROAN _____, During IROAN _____.
Actuator Access Plate Modification.

The three draft Modifications shall be installed during IROAN. Parts required by modifications will be provided to the contractor upon induction of the M9 Ace into the IROAN cycle.

Change Submitted by: James A. Adams 25 June 2001
Equipment Specialist
CSLE
MARCORSYSCOM, Albany GA.

Change Approved by: 25 June 01
Michael P. Callahan Date
Logistics Management Specialist
CSLE
MARCORSYSCOM, Albany GA.