

STATEMENT OF WORK  
FOR THE

**Compressor Unit, Rotary: Air, Trailer  
Mounted, 250 CFM, P-250-WDM-H268**

**NSN 4310-01-158-3262**

**COMPONENT OF**

**NSN 3820-00-950-8584**

**Inspect Repair Only As Necessary  
(IROAN)**

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STATEMENT OF WORK FOR THE  
250 CFM COMPRESSOR  
Inspect Repair Only As Necessary (IROAN)

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the IROAN effort of the **Compressor Unit, Rotary: Air, Trailer Mounted, 250 CFM P-250-WDM-H268**, hereafter referred to as the **250 CFM**. This document contains requirements to restore the **250 CFM** to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction. This includes materiel with more than 6 months shelf-life remaining." National Stock Number (NSN) **4310-01-158-3262** shall be known as the **250 CFM**.

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

## 2.1 MILITARY SPECIFICATIONS

MIL-C-46168	Coating, Aliphatic Polyurethane, Chemical Agent Resistant.
MIL-C-53039	Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant.

## 2.2 MILITARY STANDARDS

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	Identification Marking of US. Military Property
MIL-STD-461	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.

## MILITARY STANDARDS - (Guidance Only).

MIL-STD-973	Configuration Management
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2.3 Other Government Documents and Publications. The following other Government documents, and publications form a part of this SOW to the extent specified herein.

ATPD 2241	Vehicles, Wheeled- Preparation for Shipment and Storage of
DODD 4160.21-M-1	Defense Demilitarization Manual.
LI 08917A-12	Compressor, Rotary: Air, DED, 250 CFM, 100 PSI, Trailer Mtd.
TM 08917A-14	Compressor, Rotary: Air, DED, 250 CFM, 100 PSI, Trailer Mtd.
TM 08917A-24P	Compressor Unit, Rotary: Air, Trailer Mounted, 250 CFM P-250-WDM-H268
TM 3080-12	Corrosion Prevention and Control for Marine Corps Equipment.
TM 3080-50	Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment.
TM 4700-15/1H	Ground Equipment Record Procedures.
TM 4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.
TM 4750-15/2	Camouflage Paint Patterns.

#### 2.4 Industry Standards.

ANSI/ISO/ASQC Q9002-1994 Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Production Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases, (Code 891) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd STE 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

### 3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the **250 CFM**. Upon completion of IROAN, repaired equipment shall be Condition Code "A".

- b. Provide all tools and test equipment required to test, inspect, repair, and calibrate the **250 CFM**.
- c. Conduct in-process and final on-site testing for witness by an MCLB, Albany, representative.
- d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the **250 CFM**.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the **250 CFM**.

3.2.1 Phase I - Pre-induction. A pre-induction inspection analysis shall be performed for each **250 CFM** using the Contractor's diagnosis, inspection and testing techniques to determine extent of work and parts required. This inspection shall include all items associated with the **250 CFM** as found in TM 08917A-14, and TM 08917A-24P. These findings shall be annotated on the Pre-Induction Check list (Appendix A to this SOW) and shall be provided to the government in accordance with Paragraph 4.0 of this SOW.

3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the **250 CFM** shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A) during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

- a. Pre-Induction Checklist (Appendix A)- Information recorded on the Pre-Induction Checklist report shall be used as a guide to repair the **250 CFM** system in accordance with this SOW.
- b. Technical Instruction (TI) - All TI's not previously applied to the **250 CFM** shall be applied during the IROAN and shall be annotated on Equipment Record Jacket in accordance with TM 4700-15/1H.
- c. Corrosion - For corrosion prevention and treatment use TM 3080-12, TM 3080-50 and LI 08971A-12.
- d. Fluid Leaks - The following shall be used as a guide in determining degree of fluid loss:
  - (1) Class I - Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.
  - (2) Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.
  - (3) Class III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

**NOTE:**

**A Class I Leak, except in fuel or brake systems, is an acceptable**

**condition at any time and does not require corrective action.**

e. Belts - Replace all.

f. Data Plates - All required data plates and decals shall be in place and shall be legible. Each repaired **250 CFM** shall have an IROAN data plate affixed to the main unit in close proximity to the existing data plate. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1.

g. Painting/Coating (Exterior/Interior) - If painting/coating is required, refer to TM 4750-15/1 and TM 4750-15/2. The **250 CFM** shall be cleaned in accordance with TM 3080-50, Chapter 4, and coated with Aliphatic Polyurethane Coating, in accordance with MIL-C-46168 or MIL-C-53039.

h. Demilitarization - All end items that are identified as non-repairable and require demilitarization codes, shall be reported to the Marine Corps Logistics Bases representatives Code 837-1, who will provide disposition instructions in accordance with DODD 4160.21-M-1.

i. Electromagnetic Emission - All requirements pertaining to control of electromagnetic interference, emission and susceptibility shall be in accordance with MIL-STD-461.

j. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory, safety, and one-time use items, etc., in accordance with TM 08917A-14 and TM 08917A-24P. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present and operational on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

k. Hoses - All hoses and fittings shall be visually inspected for damage or deterioration. Any hose showing signs of leakage, kinking or separation of outer coating shall be replaced. This inspection shall be performed during the OTI of the compressor.

l. Cable Assemblies - All cables and cable connections shall be tested and visually inspected for damage or corrosion. Any cable or cable connector showing signs of damage, corrosion or separation of outer coating shall be repaired/replaced and tested with it's respective component/assembly to assure satisfactory compliance with all operational tests.

m. Filters - Replace all.

### 3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the **250 CFM** shall be conducted in accordance with TM 08917A-14.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the Contractor. MCLB, (Code 837-1) Albany, Georgia, representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for the test.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB, (Code 837-1) Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all **250 CFM** repaired under the provisions of this SOW shall be accomplished in accordance with TM 08917A-14. Operational Tests are to be conducted on each **250 CFM** upon completion of repairs and prior to the equipment being returned to stock, to insure the unit will perform as required.

#### 3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of ATPD 2241. Items scheduled for domestic shipment, immediate use or short-term storage shall be to Level B requirements.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation cost associated with shipping the subject equipment to and from the Contractor.

### 3.3 Configuration Management

#### 3.3.1 Configuration Status Accounting (CSA).

a. The Contractor shall record and submit data on retrofit accomplished during Phase II. Any approved Modification Instructions (MIs) or Engineering Change Proposals (ECP's) not previously applied shall be applied during Phase II of the IROAN process.

b. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Inspection Checklist to the Contractor. The Contractor

shall use one checklist per **250 CFM** to record their inspection findings along with other required data.

c. The Contractor shall record serial numbers of the assemblies listed on the Configuration Inspection Checklist. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

**3.3.2 Configuration Control.** The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization. The baseline configuration has been defined by the written procedures or materials contained in manuals, standards, instructions or engineering drawings. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation or Request for Waiver using MIL-STD-973 (paragraph 5.4.3 or 5.4.4.) as a guide.

### 3.4 Quality Assurance Provisions

The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements. The Contractor shall provide an Inspection and Test Plan.

**3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM)** GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated in any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/Code 827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

**3.6 Contractor Furnished Materiel (CFM).** The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-m, (MISTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

**3.7 Acceptance.**

The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

### 3.8 Rejection

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, (Code 837-1) Albany, representative. The Contractor shall, at no additional cost to MCLB, (Code 837-1) Albany, Georgia, provide the following:

- a. Develop an approach for modification or correction of all deficiencies.
- b. Upon approval of a documented approach, the Contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

### 4.0 REPORTS

4.1 Repairable Item Inspection Report. The Contractor shall provide a Repairable Item Inspection Report for each **250 CFM**. The report shall be identified by United States Marine Corps Serial Number.

4.2 Monthly Progress Reports. The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the IROAN Program.

4.3 Pre-Induction Checklist (Appendix A). The Contractor shall complete the Pre-Induction Inspection Checklist for each **250 CFM** repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCLB, Albany, Georgia, Code 837-1, after final acceptance of the **250 CFM**.

- a. The inspection checklist shall contain, but not be limited to the following:
  - (1) **250 CFM** serial number. Appendix A
  - (2) Condition Code of **250 CFM** at receipt. Appendix A
  - (3) Results of operational test. Appendix A
  - (4) List of defective parts and assemblies. Appendix B
  - (5) List of repair parts and assemblies required for repairs. Appendix C
  - (6) Corrosion prevention methods that shall be used. Appendix A





**PRE-INDUCTION CHECKLIST**

<b>Component:</b>	<b>Pass</b>	<b>Fail</b>	
<u>Muffler Assembly</u>	_____	_____	_____
<b>COOLING SYSTEM</b>			
<u>Cowling, Deflectors, Air Ducts, Shrouds, Etc.</u>	_____	_____	_____
<u>Air Duct</u>	_____	_____	_____
<u>Air Blower Cover</u>	_____	_____	_____
<u>Fan Assembly</u>	_____	_____	_____
<u>Idler Pulley And Cover</u>	_____	_____	<b>Remarks:</b>
<u>Air Blower</u>	_____	_____	_____
<b>ELECTRICAL SYSTEM</b>			
<u>Generator, Alternator</u>	_____	_____	_____
<u>Alternator Mounting</u>	_____	_____	_____
<u>Generator, Alternator</u>	_____	_____	_____
<u>Alternator</u>	_____	_____	_____
<u>Diode Mounting Hardware</u>	_____	_____	_____
<u>Starting Motor</u>	_____	_____	_____
<u>Starter</u>	_____	_____	_____
<u>Engine Safety Controls</u>	_____	_____	_____
<u>Belt Break Switch</u>	_____	_____	_____
<u>Solenoid Valve</u>	_____	_____	_____
<u>Engine Electrical System</u>	_____	_____	_____
<u>Instrument Or Engine Control Panel</u>	_____	_____	_____
<u>Instrument Panel Subassembly</u>	_____	_____	_____
<u>Control Panel Subassembly</u>	_____	_____	_____
<u>Miscellaneous Items</u>	_____	_____	_____
<u>Junction Box</u>	_____	_____	_____
<u>Lights</u>	_____	_____	_____
<u>Trailer Lights</u>	_____	_____	_____
<u>Batteries,</u>	_____	_____	_____
<u>Storage Batteries And Mounting</u>	_____	_____	_____
<u>Hull Or Chassis Wiring Harness</u>	_____	_____	_____
<u>Wiring Harness And Mounting</u>	_____	_____	_____
<u>Hardware</u>	_____	_____	_____
<u>Trailer Connector Cables</u>	_____	_____	_____
<b>BRAKES</b>			
<u>Hand Brakes</u>	_____	_____	_____
<b>Component:</b>			
<u>Park Brake System</u>	<b>Pass</b>	<b>Fail</b>	_____
<u>Service Brakes</u>	_____	_____	_____
<u>Brake Assembly</u>	_____	_____	_____

**PRE-INDUCTION CHECKLIST**

<u>Hydraulic Brake System</u>	_____	_____	_____
<u>Brake Master Cylinder And Lines</u>	_____	_____	_____
<u>Air Brake System</u>	_____	_____	_____
<u>Air Brake System</u>	_____	_____	_____

**WHEELS AND TRACKS**

<u>Wheel Assembly</u>	_____	_____	_____
<u>Tires, Tubes, Tire Chains</u>	_____	_____	_____
<u>Tire Assembly</u>	_____	_____	_____

**FRAME, TOWING  
 ATTACHMENTS,  
 DRAWBARS, AND  
 ARTICULATION SYSTEM**

<u>Frame Assembly</u>	_____	_____	_____
<u>Trailer, Subframe And Drill Rod</u>	_____	_____	_____
<u>Box</u>	_____	_____	_____
<u>Pintles And Towing Attachments</u>	_____	_____	_____
<u>Drawbar</u>	_____	_____	_____
<u>Spare Wheel Carrier And Tire Lock</u>	_____	_____	_____
<u>Mud Flaps</u>	_____	_____	_____
<u>Landing Gear, Leveling Jacks</u>	_____	_____	_____
<u>Leveling Jacks</u>	_____	_____	_____

**Remarks:**

**SPRINGS AND SHOCKS  
 ABSORBERS**

<u>Springs</u>	_____	_____	_____
<u>Frame Suspension</u>	_____	_____	_____
<u>Shock Absorber Equipment</u>	_____	_____	_____
<u>Shock Absorbers</u>	_____	_____	_____

**BODY CAB, HOOD, AND  
 HULL**

<u>Body, Cab, Hood. and Hull</u>	_____	_____	_____
<u>Assemblies</u>	_____	_____	_____

**Component:**

<u>Enclosure</u>	_____	_____	_____
<u>Enclosure Fiberglass</u>	<b>Pass</b>	<b>Fail</b>	_____
<u>Baffle Structure</u>	_____	_____	_____
<u>Fenders, Running Boards With</u>	_____	_____	_____
<u>Mounting And Attaching Parts,</u>	_____	_____	_____
<u>Outriggers, Windshield, Glass, Etc.</u>	_____	_____	_____
<u>Fenders</u>	_____	_____	_____

**PRE-INDUCTION CHECKLIST**

<u>Stowage Racks, Boxes, Straps,</u>	_____	_____	_____
<u>Carrying Cases, Cable Reels, Hose</u>	_____	_____	_____
<u>Reels, Etc.</u>	_____	_____	_____
<u>Tool Boxes</u>	_____	_____	_____
<b>BODY, CHASSIS, AND HULL</b>	_____	_____	_____
<b>ACCESSORY</b>	_____	_____	_____
<u>Data Plates And Instruction Holders</u>	_____	_____	_____
<u>Instrument And Control Panel</u>	_____	_____	_____
<u>Placards</u>	_____	_____	_____
<u>Lubrication And Receptacle</u>	_____	_____	_____
<u>Placards</u>	_____	_____	_____
<u>Drill Rod Location Placards</u>	_____	_____	_____
<u>Compressor Placards</u>	_____	_____	_____
<u>Trailer Placards</u>	_____	_____	_____
<b>PNEUMATIC EQUIPMENT</b>	_____	_____	<b>Remarks:</b>
<u>Air Compressor Assembly</u>	_____	_____	_____
<u>Compressor</u>	_____	_____	_____
<u>Lubrication System</u>	_____	_____	_____
<u>Oil Cooler</u>	_____	_____	_____
<u>Oil Temperature By-Pass Valve</u>	_____	_____	_____
<u>Oil Filter Assembly</u>	_____	_____	_____
<u>Oil Piping</u>	_____	_____	_____
<u>Oil Separator</u>	_____	_____	_____
<u>Compressor Drive</u>	_____	_____	_____
<u>Compressor Coupling And</u>	_____	_____	_____
<u>Mounting</u>	_____	_____	_____
<u>Air Intakes</u>	_____	_____	_____
<u>Air Intake Assembly</u>	_____	_____	_____
<u>Air Cleaner Assembly</u>	_____	_____	_____
<b>Component:</b>	_____	_____	_____
<u>Unloader System Components</u>	_____	_____	_____
<u>Unloader Mounting</u>	_____	_____	_____
<u>Unloader Assembly</u>	_____	_____	_____
<u>Compressor Cooling And Heating</u>	<b>Pass</b>	<b>Fail</b>	_____
<u>Fan Drive</u>	_____	_____	_____
<u>Throttling Devices</u>	_____	_____	_____
<u>Air Piping And Regulation</u>	_____	_____	_____
<u>Air Actuated Governor Control</u>	_____	_____	_____
<u>Air Discharge System</u>	_____	_____	_____
<u>Minimum Pressure And Service</u>	_____	_____	_____
<u>Valve</u>	_____	_____	_____
<u>Hose Reel Assembly</u>	_____	_____	_____







LIST OF DEFECTIVE PARTS  
AND ASSEMBLIES

Batteries,  
Storage Batteries And Mounting  
Hull Or Chassis Wiring Harness  
Wiring Harness And Mounting  
Hardware  
Trailer Connector Cables

**Brakes**

Hand Brakes  
Park Brake System  
Service Brakes  
Brake Assembly  
Hydraulic Brake System  
Brake Master Cylinder And Lines  
Air Brake System  
Air Brake System

REMARKS:

**WHEELS AND TRACKS**

Wheel Assembly  
Tires, Tubes, Tire Chains  
Tire Assembly

**COMPONENT:**

**FRAME, TOWING  
ATTACHMENTS,  
DRAWBARS, AND  
ARTICULATION SYSTEM**

Frame Assembly  
Trailer, Subframe and Drill Rod  
Box  
Pintles and Towing Attachments  
Drawbar  
Spare Wheel Carrier and Tire Lock  
Mud Flaps  
Landing Gear, Leveling Jacks  
Leveling Jacks

**COMPONENT:**

**SPRINGS AND SHOCKS  
ABSORBERS**

Springs  
Frame Suspension  
Shock Absorber Equipment  
Shock Absorbers

**BODY CAB, HOOD, AND  
HULL**

LIST OF DEFECTIVE PARTS  
AND ASSEMBLIES

Body, Cab, Hood, and Hull

Assemblies

Enclosure

Enclosure Fiberglass

Baffle Structure

Fenders, Running Boards With

Mounting And Attaching Parts,

Outriggers, Windshield, Glass, Etc.

Fenders

Stowage Racks, Boxes, Straps,

Carrying Cases, Cable Reels, Hose

Reels, Etc.

Tool Boxes

**BODY, CHASSIS, AND HULL  
ACCESSORY**

Data Plates And Instruction Holders

Instrument And Control Panel

Placards

Lubrication And Receptacle

Placards

Drill Rod Location Placards

Compressor Placards

Trailer Placards

**PNEUMATIC EQUIPMENT**

Air Compressor Assembly

Compressor

Lubrication System

Oil Cooler

Oil Temperature By-Pass Valve

**COMPONENT:**

Oil Filter Assembly

Oil Piping

Oil Separator

Compressor Drive

Compressor Coupling And

Mounting

Air Intakes

Air Intake Assembly

Air Cleaner Assembly

Unloader System Components

Unloader Mounting

Component:

Unloader Assembly

Compressor Cooling And Heating

REMARKS:





LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS

COMPONENT:	REMARKS:
ENGINE	
<u>Engine Assembly</u>	
<u>Engine Assembly</u>	
<u>Crankcase, Block, Cylinder Head</u>	
<u>Crankcase, Block, Cylinder Head</u>	
<u>Crankshaft</u>	
<u>Crankshaft Bearings</u>	
<u>Crankshaft Assembly</u>	
<u>Vibration Damper And V-Belt</u>	
<u>Pulley</u>	
<u>Flywheel Assembly</u>	
<u>Flywheel And Cover Plate</u>	
<u>Pistons, Connecting Rods</u>	
<u>Piston And Connecting Rod</u>	
<u>Assembly</u>	
<u>Valves, Camshafts, And Timing</u>	
<u>Assembly</u>	
<u>Front Cover</u>	
<u>Rocker Chamber Cover</u>	
<u>Valves, Camshafts, And Timing</u>	
<u>Assembly</u>	
<u>Cylinder Head And Rocker</u>	
<u>Mechanism</u>	
<u>Idler Gear Assembly</u>	
<u>Camshaft And Sprocket</u>	
<u>Engine Lubrication System</u>	
<u>Oil Pan, Breather Pipe And</u>	
<u>Dipstick</u>	
<u>Lube Oil Pump Assembly</u>	
<u>Lube Oil Cooler Assembly</u>	
<u>Oil And Fuel Filter Assembly</u>	
<u>Manifolds</u>	
<u>Exhaust Manifold</u>	
<u>Intake Manifold</u>	
<u>Fuel Injector</u>	
<u>Injector</u>	
—	
COMPONENT:	
FUEL SYSTEM	
<u>Fuel Pumps</u>	
<u>Lube Oil Pipe</u>	
<u>Fuel Pump And Injection Pump</u>	
COMPONENT:	
<u>Drive Assembly</u>	

**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

Injection Pump  
Tanks, Lines, Fittings, Headers  
Injection Pump Lines And Hoses  
Overflow Line  
Fuel Tank And Lines  
Engine Speed Governor And  
Controls  
Governor  
Fuel Filters  
Fuel/Water Separator  
Engine Starting Aids  
Quick Start Assembly

**EXHAUST SYSTEM**

Muffler And Pipes  
Muffler Assembly

**COOLING SYSTEM**

Cowling, Deflectors, Air Ducts,  
Shrouds, Etc.  
Air Duct  
Air Blower Cover  
Fan Assembly  
Idler Pulley And Cover  
Air Blower

**ELECTRICAL SYSTEM**

Generator, Alternator  
Alternator Mounting  
Generator, Alternator  
Alternator  
Diode Mounting  
Hardware  
Starting Motor  
Starter  
Engine Safety Controls  
Belt Break Switch  
Solenoid Valve  
Engine Electrical System  
Instrument Or Engine Control Panel

**COMPONENT:**

Instrument Panel Subassembly  
Control Panel Subassembly  
Miscellaneous Items  
Junction Box

REMARKS:

**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

Lights

Trailer Lights

Batteries,

Storage Batteries And Mounting

Hull Or Chassis Wiring Harness

Wiring Harness And Mounting

Hardware

Trailer Connector Cables

**Brakes**

Hand Brakes

Park Brake System

Service Brakes

Brake Assembly

Hydraulic Brake System

Brake Master Cylinder And Lines

Air Brake System

Air Brake System

**REMARKS:**

**WHEELS AND TRACKS**

Wheel Assembly

Tires, Tubes, Tire Chains

Tire Assembly

**COMPONENT:**

**FRAME, TOWING**

**ATTACHMENTS,**

**DRAWBARS, AND**

**ARTICULATION SYSTEM**

Frame Assembly

Trailer, Subframe and Drill Rod

Box

Pintles and Towing Attachments

Drawbar

Spare Wheel Carrier and Tire Lock

Mud Flaps

Landing Gear, Leveling Jacks

Leveling Jacks

**COMPONENT:**

**SPRINGS AND SHOCKS**

**ABSORBERS**

Springs

Frame Suspension

Shock Absorber Equipment

Shock Absorbers

**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

**BODY CAB, HOOD, AND  
HULL**

Body, Cab, Hood, and Hull

Assemblies

Enclosure

Enclosure Fiberglass

Baffle Structure

Fenders, Running Boards With

Mounting And Attaching Parts,

Outriggers, Windshield, Glass, Etc.

Fenders

Stowage Racks, Boxes, Straps,

Carrying Cases, Cable Reels, Hose

Reels, Etc.

Tool Boxes

**BODY, CHASSIS, AND HULL  
ACCESSORY**

Data Plates And Instruction Holders

Instrument And Control Panel

Placards

Lubrication And Receptacle

Placards

Drill Rod Location Placards

Compressor Placards

Trailer Placards

**PNEUMATIC EQUIPMENT**

Air Compressor Assembly

Compressor

Lubrication System

Oil Cooler

Oil Temperature By-Pass Valve

**COMPONENT:**

Oil Filter Assembly

Oil Piping

Oil Separator

Compressor Drive

Compressor Coupling And

Mounting

Air Intakes

Air Intake Assembly

Air Cleaner Assembly

Unloader System Components

**REMARKS:**











# CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved  
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ Other <b>XXX</b>
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D. SYSTEM/ITEM <b>250 CFM Compressor</b>	E. CONTRACT/PR No.	F. CONTRACTOR
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1. DATA ITEM No. <b>C002</b>	2. TITLE OF DATA ITEM <b>Request for Deviation (RFD)</b>	3. SUBTITLE <b>Configuration Management</b>
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4. AUTHORITY (Data Acquisition Document No.) <b>DI-CMAN-80640B</b>	5. CONTRACT REFERENCE <b>SOW 3.3.2</b>	6. REQUIRING OFFICE <b>MARCORLOGBASESALB 825</b>
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED <b>A</b>	10. FREQUENCY <b>AS REQ</b>	12. DATE OF FIRST SUBMISSION <b>See Blk 16</b>	14. DISTRIBUTION									
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE <b>MCLBA 825-2</b>										
			b. COPIES <table border="1"> <tr> <th colspan="3">FINAL</th> </tr> <tr> <th>Draft</th> <th>Reg</th> <th>Repro</th> </tr> <tr> <td><b>0</b></td> <td><b>1</b></td> <td><b>0</b></td> </tr> </table>		FINAL			Draft	Reg	Repro	<b>0</b>	<b>1</b>	<b>0</b>
FINAL													
Draft	Reg	Repro											
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16. REMARKS	15. TOTAL			
<p>Block 4: Contractor format using .doc or .pdf software is authorized.</p> <p>Blocks 10 &amp; 12: RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet the prescribed configuration documentation.</p> <p>RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the government.</p> <p>RFDs shall be transmitted via e-mail to the following address: <a href="mailto:mbmatcomconfigmngmnt@matcom.usmc.mil">mbmatcomconfigmngmnt@matcom.usmc.mil</a></p> <p>Distribution Statement A: Approved for public release, distribution is unlimited.</p>	<table border="1"> <tr> <td><b>0</b></td> <td><b>1</b></td> <td><b>0</b></td> </tr> </table>	<b>0</b>	<b>1</b>	<b>0</b>
<b>0</b>	<b>1</b>	<b>0</b>		

G. PREPARED BY: <i>Wiam J Bradley</i>	H. DATE <b>FEB 15 2000</b>	I. APPROVED BY:	J. DATE
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE