

SOW-00-837-1-08917A-2/1
28 OCTOBER 1999

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 Emission and Susceptibility.

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MILITARY STANDARDS - (Guidance Only).

MIL-STD-973 - Configuration Management

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 specifications and standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. 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.

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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 and TM 3080-50.

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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 4750-15/2.

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.

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(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 test

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 and shipment to overseas destinations shall be packaged to the Level "A" requirements of ATPD-2241. Items being prepared for domestic shipment and immediate use shall be packaged 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) 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 performance requirements for the 250 CFM is under formal configuration control. Any configuration changes affecting performance shall be documented by the Contractor submitting Request for Deviations or Request for Waivers. MIL-STD-973 (paragraphs 5.4.3 and 5.4.4 and Appendix E) shall be used as a guide in preparing these requires. The Contractor shall not implement any design/performance changes without receiving authorization from the contracting authority.

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 design, 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

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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/G316-2), 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 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.

3.7 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.

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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

Serial number: _____ Condition Code at receipt: _____

Results of operational test:

List of defective parts and assemblies. Appendix B

List of repair parts and assemblies required for repairs. Appendix C

Corrosion prevention methods that shall be used.

Inspect all components for operating/malfunction/defective parts per TM 08917A-14. Visually check components for leaks, damage, loose parts & hardware. No disassembly of components is allowed unless the component is determined to be defective.

Component:	Pass	Fail	Remarks:
ENGINE	_____	_____	_____
<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>	_____	_____	_____

Component:	Pass	Fail	Remarks:
<u>Valves, Camshafts, and Timing Assembly</u>	_____	_____	_____
<u>Cylinder Head and Rocker Mechanism</u>	_____	_____	_____
<u>Idler Gear Assembly</u>	_____	_____	_____
<u>Camshaft and Sprocket</u>	_____	_____	_____
<u>Engine Lubrication System</u>	_____	_____	_____
<u>Oil Pan, Breather Pipe and 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>	_____	_____	_____
FUEL SYSTEM			
<u>Fuel Injector</u>	_____	_____	_____
<u>Injector</u>	_____	_____	_____
<u>Fuel Pumps</u>	_____	_____	_____
<u>Lube Oil Pipe</u>	_____	_____	_____
<u>Fuel Pump and Injection Pump Drive Assembly</u>	_____	_____	_____
<u>Injection Pump</u>	_____	_____	_____
<u>Tanks, Lines, Fittings, Headers</u>	_____	_____	_____
<u>Injection Pump Lines and Hoses</u>	_____	_____	_____
<u>Overflow Line</u>	_____	_____	_____
<u>Fuel Tank and Lines</u>	_____	_____	_____
<u>Engine Speed Governor and Controls</u>	_____	_____	_____
<u>Governor</u>	_____	_____	_____
<u>Fuel Filters</u>	_____	_____	_____
<u>Fuel/Water Separator</u>	_____	_____	_____
<u>Engine Starting Aids</u>	_____	_____	_____
<u>Quick Start Assembly</u>	_____	_____	_____
EXHAUST SYSTEM			
<u>Muffler and Pipes</u>	_____	_____	_____
<u>Muffler Assembly</u>	_____	_____	_____
COOLING SYSTEM			
<u>Cowling, Deflectors, Air Ducts, Shrouds, etc.</u>	_____	_____	_____
<u>Air Duct</u>	_____	_____	_____
<u>Air Blower Cover</u>	_____	_____	_____

Component:	Pass	Fail	Remarks:
<u>Fan Assembly</u>	_____	_____	_____
<u>Idler Pulley and Cover</u>	_____	_____	_____
<u>Air Blower</u>	_____	_____	_____
ELECTRICAL SYSTEM	_____	_____	_____
<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>	_____	_____	_____
BRAKES	_____	_____	_____
<u>Hand Brakes</u>	_____	_____	_____
<u>Park Brake System</u>	_____	_____	_____
<u>Service Brakes</u>	_____	_____	_____
<u>Brake Assembly</u>	_____	_____	_____
<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>Wheel Assembly</u>	_____	_____	_____
<u>Tires, Tubes, Tire Chains</u>	_____	_____	_____

Component:	Pass	Fail	Remarks:
<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>	_____	_____	_____
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>	_____	_____	_____
<u>Enclosure</u>	_____	_____	_____
<u>Enclosure Fiberglass</u>	_____	_____	_____
<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>	_____	_____	_____
<u>Stowage Racks, Boxes, Straps,</u>	_____	_____	_____
<u>Carrying Cases, Cable Reels, Hose</u>	_____	_____	_____
<u>Reels, etc.</u>	_____	_____	_____
<u>Tool Boxes</u>	_____	_____	_____
BODY, CHASSIS, AND HULL	_____	_____	_____
ACCESSORY	_____	_____	_____
<u>Data Plates and Instruction Holders</u>	_____	_____	_____
<u>Instrument and Control Panel</u>	_____	_____	_____
<u>Placards</u>	_____	_____	_____

Component:	Pass	Fail	Remarks:
<u>Lubrication and Receptacle</u>	_____	_____	_____
<u>Placards</u>	_____	_____	_____
<u>Drill Rod Location Placards</u>	_____	_____	_____
<u>Compressor Placards</u>	_____	_____	_____
<u>Trailer Placards</u>	_____	_____	_____
PNEUMATIC EQUIPMENT	_____	_____	_____
<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>	_____	_____	_____
<u>Unloader System Components</u>	_____	_____	_____
<u>Unloader Mounting</u>	_____	_____	_____
<u>Unloader Assembly</u>	_____	_____	_____
<u>Compressor Cooling and Heating</u>	_____	_____	_____
<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>	_____	_____	_____
CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL EQUIPMENT	_____	_____	_____
<u>Decontamination Equipment</u>	_____	_____	_____
<u>M13 Decontamination Bracket Assy</u>	_____	_____	_____

COMPONENT:

REMARKS:

ENGINE

Engine Assembly

Engine Assembly

Crankcase, Block, Cylinder Head

Crankcase, Block, Cylinder Head

Crankshaft

Crankshaft Bearings

Crankshaft Assembly

Vibration Damper and V-belt

Pulley

Flywheel Assembly

Flywheel and Cover Plate

Pistons, Connecting Rods

Piston and Connecting Rod

Assembly

Valves, Camshafts, and Timing

Assembly

Front Cover

Rocker Chamber Cover

Valves, Camshafts, and Timing

Assembly

Cylinder Head and Rocker

Mechanism

Idler Gear Assembly

Camshaft and Sprocket

Engine Lubrication System

Oil Pan, Breather Pipe and Dipstick

Lube Oil Pump Assembly

Lube Oil Cooler Assembly

Oil and Fuel Filter Assembly

Manifolds

Exhaust Manifold

Intake Manifold

FUEL SYSTEM

Fuel Injector

Injector

Fuel Pumps

Lube Oil Pipe

Fuel Pump and Injection Pump

Drive Assembly

Injection Pump

Tanks, Lines, Fittings, Headers

COMPONENT:

REMARKS:

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

WHEELS AND TRACKS

Wheel Assembly
Wheel Assembly
Tires, Tubes, Tire Chains
Tire Assembly

**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

**SPRINGS AND SHOCKS
ABSORBERS**

Springs
Frame Suspension
Shock Absorber Equipment
Shock Absorbers

COMPONENT:

REMARKS:

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
- 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

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30 NOVEMBER 1998

**LIST OF DEFECTIVE PARTS
AND ASSEMBLIES**

Appendix B

COMPONENT:

REMARKS:

Unloader Assembly

Compressor Cooling and Heating

Fan Drive

Throttling Devices

Air Piping and Regulation

Air Actuated Governor Control

Air Discharge System

Minimum Pressure and Service

Valve

Hose Reel Assembly

**CHEMICAL, BIOLOGICAL,
AND RADIOLOGICAL
EQUIPMENT**

Decontamination Equipment

M13 Decontamination Bracket

Assembly

COMPONENT:

REMARKS:

ENGINE

Engine Assembly

Engine Assembly

Crankcase, Block, Cylinder Head

Crankcase, Block, Cylinder Head

Crankshaft

Crankshaft Bearings

Crankshaft Assembly

Vibration Damper and V-belt

Pulley

Flywheel Assembly

Flywheel and Cover Plate

Pistons, Connecting Rods

Piston and Connecting Rod

Assembly

Valves, Camshafts, and Timing

Assembly

Front Cover

Rocker Chamber Cover

Valves, Camshafts, and Timing

Assembly

Cylinder Head and Rocker

Mechanism

Idler Gear Assembly

Camshaft and Sprocket

Engine Lubrication System

Oil Pan, Breather Pipe and Dipstick

Lube Oil Pump Assembly

Lube Oil Cooler Assembly

Oil and Fuel Filter Assembly

Manifolds

Exhaust Manifold

Intake Manifold

FUEL SYSTEM

Fuel Injector

Injector

Fuel Pumps

Lube Oil Pipe

Fuel Pump and Injection Pump

Drive Assembly

Injection Pump

Tanks, Lines, Fittings, Headers

COMPONENT:

REMARKS:

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

Instrument Panel Subassembly

Control Panel Subassembly

Miscellaneous Items

Junction Box

Lights

Trailer Lights

Batteries,

COMPONENT:

REMARKS:

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

WHEELS AND TRACKS

Wheel Assembly
Wheel Assembly
Tires, Tubes, Tire Chains
Tire Assembly

**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

**SPRINGS AND SHOCKS
ABSORBERS**

Springs
Frame Suspension
Shock Absorber Equipment
Shock Absorbers

COMPONENT:

REMARKS:

Unloader Assembly

Compressor Cooling and Heating

Fan Drive

Throttling Devices

Air Piping and Regulation

Air Actuated Governor Control

Air Discharge System

Minimum Pressure and Service

Valve

Hose Reel Assembly

**CHEMICAL, BIOLOGICAL,
AND RADIOLOGICAL
EQUIPMENT**

Decontamination Equipment

M13 Decontamination Bracket

Assembly

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM 250 CFM Compressor	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. C001	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW 3.3.2	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE MCLBA (825-2)	b. COPIES	
					Draft	
						Final
						Reg
						Repro

16. REMARKS Blk 4 - Contractor format is authorized. Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. RFDs shall be transmitted via E-Mail to the following address: mbmatcommconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited	
15. TOTAL → 0 1 0	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY <i>Carol A. [Signature]</i>	H. DATE 10-7-99	I. APPROVED BY <i>Arnold R. Hall</i>	J. DATE 10/19/99
--	---------------------------	--	----------------------------

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM 250 CFM Compressor	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. C002	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.3.2	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES		
				Draft	Final	
					Reg	Repro

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15. TOTAL	→	0	1	0

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY <i>Carol Pitts</i>	H. DATE 10-7-99	I. APPROVED BY <i>General R Hall</i>	J. DATE 10/19/99
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