UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

ASO 8000.1A
SUP
13 Jun 12

AIR STATION ORDER 8000.1A W/CH 1-2

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE (HERO) EMISSIONS CONTROL (EMCON) BILL

Ref: (a) HERO Assessment of MCAS CHERPT, including MCALF Bogue, MCOLF Atlantic, and MCOLF Atlantic Piney Island (BT-11), May 2011
(b) NAVSEA OP 3565/NAVAIR 16-1-529, Vol 2
(c) Electromagnetic Environmental Effects (E3) Team Online Knowledge Management System
(d) NAVFAC 11010/31 Parts I and II
(e) ASO 2070.3~~H~~ J

Encl: (1) General HERO Requirements
(2) HERO Warning Labels and Warning Symbol
(3) MCAS Cherry Point HERO Zones and Illustrations
(4) EME (Electromagnetic Environment) Data Summary for Airfield Systems and for Radar Systems
(5) MCAS Cherry Point HERO Summary
(6) MCAS Cherry Point HERO EMCON Procedures
(7) MCAS Cherry Point Antenna and Transmitter Systems
(8) Station Call List for HERO EMCON
(9) MCALF Bogue HERO Zones and Illustration
(10) MCALF Bogue HERO Summary
(11) MCALF Bogue HERO EMCON Procedures
(12) MCALF Bogue Communications and Radar Transmitters
(13) MCOLF Atlantic and MCOLF Atlantic Piney Island (BT-11) HERO Zones and Illustrations
(14) MCOLF Atlantic and MCOLF Atlantic Piney Island (BT-11) EME Data Summary for Radar Systems
(15) MCOLF Atlantic and MCOLF Atlantic Piney Island (BT-11) HERO Summary
(16) MCOLF Atlantic and MCOLF Atlantic Piney Island (BT-11) HERO EMCON Procedures
(17) MCOLF Atlantic and Atlantic Piney Island (BT-11) Communications and Radar Transmitters
(18) Ordnance Nomenclature and HERO Classification

DISTRIBUTION STATEMENT A: Approved for unlimited public release distribution.

1. Situation. To provide policy and procedures for the safe handling, stowing, and transporting of ordnance related electro-explosive devices (EEDs)/electrically initiated devices (EIDs) exposed to electromagnetic radiation (EMR) aboard Marine Corps Air Station (MCAS), Cherry Point; Marine Corps Auxiliary Landing Field (MCALF), Bogue; Marine Corps Outlying Field (MCOLF), Atlantic; and the MCOLF Atlantic Piney Island (BT-11).

2. Cancellation. ASO 8000.1.

3. Mission. To prevent accidental initiation of ordnance from EMR by ensuring approved methods and procedures are strictly adhered to anytime HERO SAFE, HERO SUSCEPTIBLE or HERO UNSAFE/UNRELIABLE ORDNANCE is handled, loaded, or transported at all locations aboard MCAS Cherry Point and the outlying activities under their cognizance.

4. Execution

a. Commander's Intent. HERO represents a very real and significant threat if not properly attended. MCAS Cherry Point has established policies and institutionalized specific guidance germane to the antenna/transmitter systems aboard MCAS Cherry Point and outlying activities to maintain a safe environment mitigating HERO concerns. Reference (a) is the current HERO assessment report for the identified locations and contains HERO EMCON procedures and requirements tailored specifically for the individually assessed locations.

b. Concept of Operations. As described in reference (b), EMR hazards stem from the functional characteristics of electrically initiated ordnance, and are a result of the absorption of electromagnetic energy by the firing circuitry of an EED/EID. The induced energy can cause heating of the bridge wire and primary explosive, and can result in premature, unintended actuation of the EED/EID. Such an event can pose either a safety or reliability problem. In general, ordnance is most susceptible to radio-frequency (RF) electromagnetic environments (EMEs) during assembly, disassembly, handling, loading, and unloading. HERO EMCON and ordnance handling restrictions and procedures form a compromise that allows for the safe handling of ordnance within the existing EME. EMCON is derived from an analysis of the EMEs produced by the existing antenna/transmitter systems and ordnance susceptibilities described in reference (b), or through a HERO survey.

c. CLASSIFICATION OF ORDNANCE. There are four categories of ordnance:

(1) HERO SAFE ORDNANCE. Ordnance that is sufficiently shielded from the affects of EMR requiring no EME restrictions beyond the general HERO requirements described in this Order and in Chapter 7, paragraph 7-3, reference (b).

(2) HERO SUSCEPTIBLE ORDNANCE. Ordnance that is susceptible and requires moderate EME restrictions.

(3) HERO UNSAFE ORDNANCE. Ordnance that is extremely susceptible to RF and EMR requiring severe EME restrictions.

(4) HERO UNRELIABLE ORDNANCE. Any ordnance item, including those having a HERO SAFE ORDNANCE or HERO SUSCEPTIBLE ORDNANCE classification, whose performance is degraded due to exposure to the RF environment, is defined as being HERO UNRELIABLE ORDNANCE when its internal wiring is physically exposed; when tests are conducted on the ordnance that results in additional electrical connections to the item; when EEDs/EIDs having exposed wire leads are present, handled, or loaded in any but the tested condition; when the item is being assembled or disassembled; or when such ordnance items are damaged causing exposure of internal wiring or components or destroying engineered HERO protective devices.

d. Responsibilities

(1) Commanding Officers (COs)/Officers-in-Charge/ Communication Chiefs/Spectrum Managers

(a) Notify the Station Spectrum Manager, the HERO Officer, and the Station Explosive Safety Officer (ESO) prior to installing and using new radiating electronic equipment. This includes temporary installation and use of tactical communications/radar equipment during training and other operations.

(b) Ensure personnel operating antenna/transmitter systems comply with this Order and are properly instructed in their systems' usage during HERO EMCON conditions as outlined in enclosures (1) through (18).

(c) Ensure personnel handling ordnance are in compliance with this Order.

(d) Promulgate supplementary instructions pertaining to their own equipment, personnel, and operating procedures as required by this Order.

(2) Station Ordnance Officer. The Station Ordnance Officer, whose position is aligned under the Supply Directorate, Ordnance Department, is the central point of contact (POC) for determination of compliance with the applicable references as they relate to ordnance handling and is responsible for the following:

(a) Provides the Station Spectrum Manager and ESO with ordnance facility and/or handling location changes.

(b) Ensures Ordnance Department personnel are knowledgeable of HERO restrictions applicable to ordnance operations.

(c) Ensures ordnance items have the correct HERO classification assigned so that HERO issues can be mitigated to ensure both safety and reliability.

(d) Ensures that HERO UNSAFE and HERO SUSCEPTIBLE ORDNANCE items are enclosed in sealed, all metal-containers during transport. (When transported in sealed, all metal-containers, such ordnance is considered HERO SAFE.) If HERO SUSCEPTIBLE ORDNANCE is transported outside a sealed, all metal-container, observe the HERO separation distances listed in enclosure (7), (12), or (17).

(e) Ensures HERO warning symbols prohibiting RF transmissions are posted at magazine, handling, and storage entrance areas. Enclosure (2) illustrates recommended HERO warning labels and symbols.

(f) Advises the user of HERO status during all aspects of issued ordnance, or ordnance components, life cycle (i.e., transportation, stowage, assembly, handling, and loading operations).

(g) Reviews site approval requests submitted to the Station Spectrum Manager for new or modified antenna/transmitter system installations and evaluates possible impact to ordnance.

(3) HERO Officer. The Station Ordnance Officer is the designated HERO Officer for all assessed locations described in reference (a) and all tenants conducting operations aboard MCAS

Cherry Point and its outlying activities. The Hero Officer is responsible for the following:

(a) Ensures all involved personnel are knowledgeable of the HERO safety program.

(b) Convenes an annual conference of Ordnance and Radiation Hazard (RADHAZ) personnel, with representatives from each unit or organization to discuss and recommend changes to the Order, if necessary.

(c) Reviews recommendations from the Station Spectrum Manager and advises on approval/disapproval of new or modified antenna/transmitter system installations and frequency coordination in the assessed areas.

(d) Reviews RADHAZ requirements and requests HERO surveys per references (a) and (b).

(4) ESO. The ESO, whose position is aligned under the Safety and Standardization Directorate, is the central POC for determination of compliance with this Order and its references as they relate to ordnance safety. The ESO's responsibilities are as follows:

(a) Assists the HERO Officer in tracking and monitoring all new or modified ordnance facilities, including handling locations.

(b) Acts as liaison between the HERO Officer and the Station Spectrum Manager to track and monitor all new or modified antenna/transmitter system and frequency coordination changes.

(c) Accounts for all command and tenants' information as presented in enclosures (7), (12), (17), and (18) concerning antenna/transmitter systems and ordnance handling operations.

(d) Reviews all recommendations for new or modified antenna/transmitter system installations and frequency coordination and advises the Station Spectrum Manager.

(e) Assists the HERO Officer and the Station Spectrum Manager by ensuring requests for new or modified antenna/transmitter systems are submitted for HERO review prior to installation or changes.

(f) Contacts the Naval Ordnance Safety and Security Activity (NOSSA), N84, for all questions concerning HERO.

(5) Station Spectrum Manager. The Station Spectrum Manager, whose position is aligned under the Telecommunications and Information Systems Directorate, is responsible for the following:

(a) Conducts analysis of planned alterations to existing antenna/transmitter system configurations and advises the MCAS Cherry Point CO on the HERO EMCON impact before executing the plan.

(b) Submits all new or modified antenna/transmitter system installation and frequency coordination requests for site approval/HERO review prior to implementation or activation per references (b) and (d).

(c) Informs the HERO Officer and ESO when requests for new or modified antenna/transmitter systems, including temporary installation and use of tactical communications/radar equipment during training and other operations, are submitted; when stationary antenna/transmitter systems are relocated; or when new equipment is obtained.

(d) Approves/disapproves requests per reference (e), in writing, to operate an amateur radio and/or General Mobile Radio Service (GMRS) equipment aboard assessed locations described in reference (a).

(e) Ensures mobile and portable radios display HERO warning labels identifying safe separation distances prior to issue. Enclosure (2) illustrates recommended HERO warning labels for mobile and portable emitter systems such as radios and cellular phones.

(f) Provides material to the Provost Marshal's Office for posting/distribution at the Pass and ID Center, Building 251, listing PROHIBITED mobile/portable emitter systems and illustrating the procedures and proper use of PERMISSIBLE mobile/portable emitter systems (e.g., cellular phones, pagers, etc.) in personal vehicles, which includes warnings regarding the potential impact on ordnance from emitted RFs.

(6) Airfield Operations Officer. The Airfield Operations Officer is aligned under the Operations Directorate, Airfield Operations Department, and is responsible for the following:

(a) Designates a member of the Airfield Operations Department as the Command RADHAZ Control Officer.

(b) Maintains desktop procedures for setting and securing HERO EMCON conditions, as requested.

(c) Airfield Operations Duty Officer (ODO)

1. Sets and secures HERO EMCON conditions, when requested.

2. Ensures all aircraft are notified of applicable HERO EMCON condition.

3. Maintains liaison with tenant commands/units to resolve any conflicts in setting HERO EMCON conditions.

4. Notifies appropriate personnel listed in enclosure (8) of the setting of a HERO EMCON condition, receives reports that ordered HERO condition is set, and then notifies the HERO Officer.

5. Liaises with tenant commands/units to resolve conflicts in setting HERO EMCON conditions.

(7) Safety and Standardization Directorate/ESO. Acts as a reviewing authority to ensure compliance with applicable ordnance safety directives and HERO procedures as outlined in this Order and per the references.

(8) Security and Emergency Services Directorate

(a) Provost Marshal

1. Ensures all Military personnel, contractors, employees, and visitors are notified that use of amateur radios and GMRS are prohibited aboard the Air Station and its outlying activities without the written permission of the CO via the Station Spectrum Manager, per reference (e).

2. Ensures material explaining procedures and proper use of handheld transmitting devices, mobile transmitters in their personal vehicles, and cellular telephones as they relate to HERO is posted/distributed at the Pass and ID Center, Building 251.

(b) Fire Department. Assumes the role of on-scene commander should an ordnance incident occur until Explosive Ordnance Disposal (EOD) personnel have completed a Render Safe Procedure (RSP) or determined that an EMCON condition is no longer required.

(9) Tenant Commands

(a) Notify the Airfield ODO, the Station ESO, and the HERO Officer of any operation involving HERO UNSAFE/ UNRELIABLE ORDNANCE or HERO SUSCEPTIBLE ORDNANCE that requires setting a HERO condition.

(b) Ensure HERO UNSAFE/UNRELIABLE ORDNANCE is completely enclosed in sealed, all-metal containers during storage and during transfer between designated safe areas.

(c) Submit routine requests via email, fax, or telephone for setting HERO conditions to the Airfield ODO no less than 24 hours prior to the desired HERO EMCON period.

(d) Submit emergency requests for the setting of HERO conditions immediately to the Airfield ODO by calling 466-2233/4334.

(e) After normal working hours, the Unit ODO is responsible for notifying the appropriate personnel, listed in enclosure (8), of the setting of a HERO EMCON condition. The Unit ODO receives reports when the ordered HERO EMCON condition is set and relays the report to the Airfield ODO and the Command Duty Officer (CDO).

(f) Post HERO warning symbols prohibiting RF transmissions at the entrance of operating rooms or adjacent to aircraft operations where EEDs/EIDs are handled outside of protective packing. Enclosure (2) illustrates a recommended HERO warning symbol.

e. General HERO Requirements. To ensure ordnance safety, precautions must be taken to limit EMEs in and around ordnance

handling areas. Enclosure (1) of this Order contains standard HERO precautions and Chapter 7 of reference (b) provides HERO requirements during ordnance operations.

(1) When ordnance is being assembled, handled, or transported within the confines of the assessed locations provided in enclosures (3), (9), and (13), emissions from various mobile and portable antenna/transmitter systems must be silenced or the HERO UNSAFE/UNRELIABLE ORDNANCE or HERO SUSCEPTIBLE safe separation distances provided in enclosures (7), (12), and (17), or in Chapter 2 of reference (b), must be maintained.

(2) HERO UNSAFE/UNRELIABLE ORDNANCE or HERO SUSCEPTIBLE ordnance is not moved, transported, or loaded except as specified by the HERO Officer and the ESO. Enclosures (5), (6), (10), (11), (15) and (16) provide location specific HERO EMCON guidance.

(3) Other conditions necessitating deviations from the requirements outlined in reference (a) are reported to NOSSA, N84, per reference (b).

(4) Officers and supervisors are responsible for ensuring operators of government vehicles containing a mobile transmitter do not energize the transmitter within the safe separation distances provided per enclosures (7), (12) and (17), or Chapter 2 of reference (b), and for ensuring EEDs are transported in sealed, all-metal containers.

(5) Authorized mobile and portable transmitters and cell phones utilized in explosive handling areas denoted by a HERO warning symbol are conspicuously marked (at the operator's location) with cautionary HERO RF warning labels clearly identifying the appropriate separation distance. The Station Spectrum Manager, ESO, and HERO Officer provide the cautionary HERO RF warning labels, as required.

(6) Commands, contractors, and their representatives coordinate frequency assignment matters through the Station Spectrum Manager, Building 164, 466-5841.

(7) All personnel having an amateur radio or GMRS transmitter in their personal vehicle are responsible for registering the transmitter with the Station Spectrum Manager. (Note: Registration does not authorize use). A copy of the registration form must be kept in the vehicle or on the person at

all times while aboard the Air Station and its outlying activities. A second copy remains on file in the Station Spectrum Manager's Office. Privately owned radio transmitters of any type, including cellular phones, are prohibited to operate in restricted areas denoted by a HERO warning symbol or while in sight of a vehicle that exhibits an explosive placard per reference (b), paragraph 3-3.

f. Guidance for All Portable Hand Held Communications Equipment. The use of communication equipment around EEDs/EIDs is a serious and complex issue. Variables such as operating frequency, transmitter output power, and antenna gain must be known in order to compute the separation requirements from EEDs/EIDs that are frequently exposed during daily operations on flight lines, combat aircraft loading areas, ordnance assembly areas, and magazine storage areas. The required separation distance is a variable computed for each transmitter with specific distances established based on the susceptibility of the EED/EID, which is identified as either HERO SAFE, HERO SUSCEPTIBLE, or HERO UNSAFE/UNRELIABLE.

(1) Due to the diversity of portable transmitting devices utilized aboard the assessed locations, and the variables of computations for each one, it is not practical to assign separation distances to each communication device.

(2) The following guidance for all portable hand held communications equipment has been established and endorsed by the MCAS Cherry Point CO:

(a) HERO Warning Symbol. Warning symbols are posted at any location aboard the assessed locations where radar equipment or other possible sources of EMR might create the potential for premature initiation of ordnance.

1. Example of an RF HERO warning symbol is displayed as figure 1-4 of reference (b) and figure 2-4 of enclosure (2).

2. Table 1-1 of reference (b) provides Naval Sea Systems Command (NAVSEA) form identifier, stock number, and description/size of the various HERO warning symbols.

(b) HERO Warning Labels. Warning labels are affixed to all AUTHORIZED portable and mobile radios, including cellular

phones, utilized in the vicinity of EEDs/EIDs such as the flight line, combat aircraft loading areas, and ordnance handling and storage areas.

1. Examples of HERO warning labels are displayed as figure 1-5 of reference (b) and figures 2-1, 2-2 and 2-3 of enclosure (2) of this Order.

2. Table 1-1 of reference (b) and enclosure (2) of this Order provides NAVSEA form identifier, stock number, and description/size of the various HERO warning labels.

3. The preferred HERO warning label is 5104/1 (4-98) 0016-LF-115-0500 as specific distance requirements of 20 feet to HERO SUSCEPTIBLE ORDNANCE and 75 feet to HERO UNSAFE/ UNRELIABLE ORDNANCE are printed. These distances provide adequate safeguards to prevent exposure of EEDs/EIDs to EME. The alternate HERO warning label is blank and requires the insertion of separation distance requirements that may not be available to the user without HERO testing of the transmitter.

(3) Transmissions are prohibited within 20 feet of HERO SUSCEPTIBLE ORDNANCE and 75 feet of HERO UNSAFE/UNRELIABLE ORDNANCE.

g. Procedures for Setting HERO EMCON Conditions. Implement the following procedures to determine the appropriate HERO EMCON condition to set:

(1) Identify the HERO status of ordnance item(s) involved in the operation utilizing enclosure (18). For ordnance items(s) not listed in enclosure (18), refer to reference (c), which can be accessed at the following URL: https://nossa.nmci.navy.mil/nrws3/Programs/Hazardsof ElectromagneticRadiationtoOrdnance.aspx, for guidance.

(2) For ordnance item(s) listed as HERO SUSCEPTIBLE or HERO UNSAFE/UNRELIABLE, perform the following:

(a) Identify the HERO zone(s) location per enclosure (3), (9), or (13) where the ordnance operation is to occur.

(b) Select the proper HERO condition associated with the HERO zone and HERO classification as outlined in enclosure (5), (10) or (15).

(c) Apply the appropriate HERO EMCON procedures per enclosure (6), (11) or (16).

(3) For ordnance items(s) listed as HERO SAFE, set HERO CONDITION 0 per enclosure (5), (10) or (15).

(4) For ordnance item(s) listed as "No HERO Req.", no HERO EMCON condition is set.

(5) Notify the HERO Officer or Airfield ODO 24 hours prior to routine implementation of a HERO condition by the requesting unit's ordnance personnel or ODO. Commencement time and automatic expiration time requires a minimum 30-minute notice by the using activity.

(6) In the event of an ordnance accident involving an ordnance carrier along the ordnance transportation route, the appropriate HERO UNSAFE ORDNANCE condition, as defined in enclosures (5), (6), (10), (11), (15) and (16), is set by the on-scene commander, ESO, HERO Officer, Unit ODO or CDO and will remain in effect until EOD personnel have completed a RSP or determined that EMCON is no longer required (i.e., the ordnance is safe to transport).

(7) The on-scene commander, ESO, HERO Officer, Unit ODO or CDO notifies all ordnance emergency-response units to maintain a minimum separation distance of 150 feet from the accident site when 3 or more VHF/UHF mobile radios are in use, and 50 feet when 3 or more portable VHF radios are in use. For single VHF radio use or any other emitter system, apply the appropriate separation distances listed in enclosure (7), (12), or (17).

h. EMERGENCY CONDITION. An EMERGENCY CONDITION exists when ordnance that contains EEDs/EIDs with unknown HERO characteristics, or ordnance known to be HERO UNSAFE/UNRELIABLE, HERO SUSCEPTIBLE, or HERO SAFE ORDNANCE, has been involved in a mishap that causes the condition of the ordnance to be in question. In the event of an EMERGENCY CONDITION, the following steps are taken:

(1) Suspect ordnance is classified as HERO UNSAFE ORDNANCE and the appropriate HERO condition for the affected zone is set per enclosures (5) and (6), (10) and (11), or (15) and (16) of this Order.

(2) Appropriate personnel are notified by the Airfield ODO of the prescribed HERO EMCON condition.

(3) After suspect ordnance is determined to be HERO SAFE by the EOD personnel and the ESO, the ESO controls the powering-up of the antenna/transmitter systems.

i. Training Requirements. All personnel engaged in ordnance operations are properly trained in performing related tasks occurring in and around their work area under various HERO EMCON conditions. They must be knowledgeable of the following:

(1) RF radiation and laser hazards as described in Volume I of NAVSEA OP 3565/NAVAIR 16-1-529.

(2) Identification of equipment and/or ordnance by markings.

(3) Placards, warning symbols, painted safety circles and HERO Zones.

(4) Selection and use of test equipment and proper test procedures.

(5) RF hazard sources.

(6) Characteristics of existing, modified, or new equipment and ordnance.

(7) Proper loading/unloading procedures for ordnance transfer ashore and at sea.

(8) Functions performed by each individual engaged in the ordnance operation(s).

(9) Proper application of Volume II of the NAVSEA OP 3565 and the HERO EMCOM Bill.

(10) Current HERO warning labels and symbols as illustrated in enclosure (2) of this Order and as presented in reference (b).

(11) Training requirements dictated by changes in personnel, ordnance, or equipment, and/or as directed by the CO.

5. Administration and Logistics

a. Recommendations concerning the contents of the HERO EMCON Bill are invited. Forward recommendations to the Commanding Officer (Attn: SUP), MCAS Cherry Point via the appropriate chain of command.

b. The Commanding General of 2d Marine Aircraft Wing (2d MAW) and the Commanding Officers from Fleet Readiness Center East, Combat Logistics Company-21, and the Defense Reutilization and Marketing Office concur with the content of this Order insofar as it pertains to members of their respective commands.

6. Command and Signal

a. Command. This Air Station Order is applicable to all MCAS Cherry Point personnel, to include tenants, host or reserve that handle ordnance, operate any type of antenna/transmitter/ radio system equipment, or are responsible for the safe execution of ordnance operations aboard the Host Installation and the outlying activities under its cognizance.

b. Signal. This Order is effective the date signed.

E. S. WEISSBERGER
Executive Officer

DISTRIBUTION: MCAS A

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

ASO 8000.1A Ch 2
SUP
8 JUL 2016

AIR STATION ORDER 8000.1A Ch 2

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE (HERO) EMISSIONS CONTROL (EMCON) BILL

Encl: (1) New page inserts to ASO 8000.1A

1. Situation. To transmit new page inserts to the basic Order.

2. Mission. To update the references, the Station Call List for HERO EMCON and the Ordnance Nomenclature and HERO Classification listing.

3. Execution

a. Change reference (e) to read "ASO 2070.3J" on page 1.

b. Remove enclosures (8) and (18) of the existing Order and replace with enclosure (1).

4. Filing Instructions. File this change transmittal directly behind the signature page of the basic Order.

B. MOLL
Acting

DISTRIBUTION: A

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

ASO 8000.1A Ch 1
SUP
26 NOV 2014

AIR STATION ORDER 8000.1A Ch 1

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE (HERO) EMISSIONS CONTROL (EMCON) BILL

Encl: (1) New page inserts to ASO 8000.1A

1. Situation. To transmit a new enclosure (7) to the basic Order.

2. Mission. To update the list of Marine Corps Air Station (MCAS) Cherry Point Antenna and Transmitter Systems regarding portable radios authorized for use by the Security and Emergency Services Directorate.

3. Execution. Remove enclosure (7) of the existing Order and replace with enclosure (1).

4. Filing Instructions. File this change transmittal directly behind the signature page of the basic Order.

C. PAPPAS III

GENERAL HERO REQUIREMENTS

1. The following requirements apply to all ordnance operations involving the presence, handling, and loading/unloading of ordnance unless otherwise specified in this Order or the NAVSEA OP 3565/NAVAIR 16-1-529.

a. Ordnance evolutions must be planned so that there is a minimum of ordnance exposure to the EMEs.

b. Avoid touching any exposed firing contact, wiring, or other exposed circuitry with any part of the body or with any metallic object.

c. Ensure all open electrical connectors on the ordnance are covered with non-shorting caps.

d. Ordnance will not be assembled/disassembled in an EME.

e. Igniters, primers, detonators, and other items containing EEDs/EIDs will not be stowed in magazines that have flexible waveguides routed through them.

2. Transport and store HERO UNSAFE/UNRELIABLE ORDNANCE in sealed, all-metal containers.

3. When transporting HERO SUSCEPTIBLE ORDNANCE, comply with the ordnance handling requirements in this Order and references (a) and (b).

4. Establish a HERO liaison at each tenant command/unit to document and monitor future emitter and ordnance operation changes within their activity. This POC should relate all such changes to their Spectrum Manager who will relay the information to the Station Spectrum Manager, Station ESO, and Station Ordnance Officer.

5. The Station ESO coordinates the HERO program and accounts for all station and tenant commands/units information concerning ordnance inventory/operations and antenna/transmitter systems in use. Additionally, the Station ESO, in conjunction with the Station Spectrum Manager, ensures new or modified antenna/transmitter changes aboard the assessed locations are submitted for HERO review in accordance with reference (d).

6. Post and maintain HERO warning symbols at all entrance gates to ordnance handling areas.

7. Ensure ships berthed at any of the assessed locations silence all shipboard emitters whenever ordnance operations occur within the HERO separation distances listed in enclosures (7), (12), and (17) of this Order or per reference (b).

8. Observe the HERO separation distances listed in enclosures (7), (12), and (17) for cellular telephones and mobile/portable radios, and affix HERO warning labels stating separation distances for HERO UNSAFE/UNRELIABLE and HERO SUSCEPTIBLE ORDNANCE to the device.

9. Maintain control over the number, type, and placement of temporary emitter systems installed aboard the assessed locations. Ensure the calculated HERO safe separation distances are maintained between the antennas and ordnance operations. [See Chapter 2, paragraph 2-2.1 of reference (b).]

10. Ensure that operators of privately owned amateur and citizens band radios and cellular telephones are familiar with HERO and safe separation distance requirements for their particular radio or telephone.

11. Ensure that radio systems installed in ordnance handling vehicles maintain the minimum 10-foot antenna-to-ordnance separation distance required for HERO SAFE ORDNANCE. [See Chapter 7, paragraph 7-3.2 of reference (b).]

12. Ensure that operators, handlers, and riggers transferring ordnance maintain a minimum safe separation distance of 33 feet (10 meters) from HERO UNSAFE/UNRELIABLE ORDNANCE when using single portable radios operating in the 136-174 MHz frequency range and at a maximum output power of 2 watts. For the use of other single portable radios, refer to enclosures (7), (12), and (17) or Chapter 2, paragraph 2-2.1 of reference (b) for applicable safe separation distances.

13. Prior to conducting geophysical surveys for unexploded ordnance using equipment with electromagnetic transmitting detection/location (ground-penetrating radar, ground conductivity meters, etc.) systems, contact NOSSA, N84, for HERO safety guidance.

14. Any changes to the assessed locations' antenna/transmitter system or ordnance configurations are subject to the requirements cited in reference (d). This applies even if an activity moves from one site to another within the confines of the facility.

15. For transmitters and ordnance not specifically addressed in this report, see references (b) and (c) for HERO guidance.

16. Cellular telephones and personal pagers should not be operated within ordnance facilities. It is recommended that passive pagers be used to contact personnel in ordnance facilities.

17. Keyless entry systems should not be radiated within ordnance facilities. It is recommended that these systems not be allowed into ordnance facility work areas.

18. If HERO UNSAFE/UNRELIABLE or HERO SUSCEPTIBLE ORDNANCE is exposed on the flight line or in the hangars, silence or apply the HERO separation distances listed in enclosures (7), (12), and (17) for transmitters on all aircraft. Exceptions are VHF and ultra high frequency (UHF) transmitters operating at less than 20 watts output power if HERO UNSAFE/UNRELIABLE ORDNANCE is exposed or transmitters operating at less than 40 watts output power if HERO SUSCEPTIBLE ORDNANCE is exposed. All transmitters may operate into dummy loads.

19. In the event of an ordnance accident, ensure that response units maintain a minimum separation distance of 150 feet from the accident site when 3 or more VHF/UHF mobile radios are in use, and 50 feet when 3 or more portable VHF radios are in use. For single VHF radio use or any other emitter system, apply the appropriate separation distances listed in enclosure (7), (12), or (17).

HERO WARNING LABELS AND WARNING SYMBOL

The HERO warning labels shown below are affixed to portable and mobile emitter systems such as radios and cellular phones. These warning labels alert the emitter operator to a potential hazard if the radio or cellular phone is operated within the prescribed distance of ordnance operations. The label shown in figure 2-1 specifies the required separation distances for RF transmission based on the number of transmitters in use and the ordnance operational environment.



FIGURE 2-1. HERO RF WARNING LABEL WITH SPECIFIED FEET

The HERO warning label displayed in figure 2-2 below has blank spaces for inserting HERO SUSCEPTIBLE, HERO UNSAFE, or HERO UNRELIABLE separation distances in feet. The distances are obtained from enclosures (7), (12), or (17) of this Order or reference (b) for portable and individual mobile emitter systems. The smaller label is recommended for hand-held portable radios and the larger label for mobiles.

HERO WARNING LABELS AND WARNING SYMBOL (CONT.)

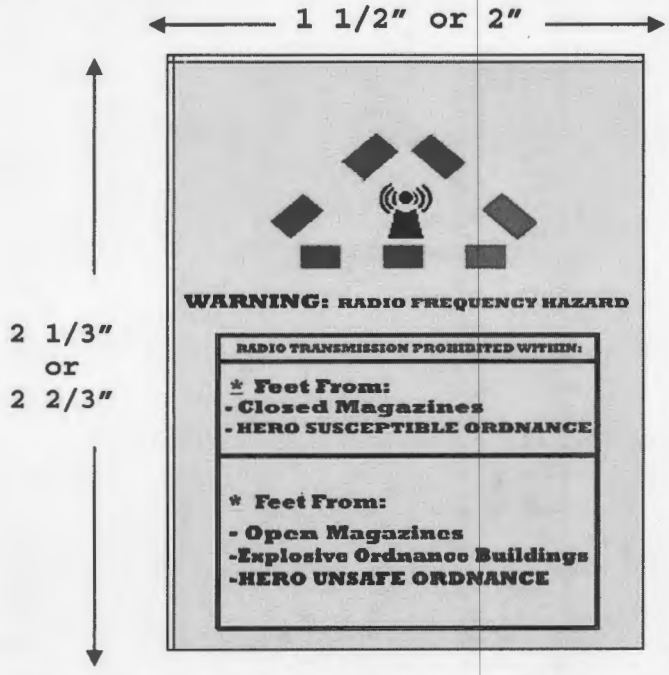


FIGURE 2-2. HERO RF WARNING LABEL (Blank) FEET

The HERO RF warning label shown in figure 2-3 is for emitters that meet the zero distance exception of reference (b). In accordance with reference (b), all emitter systems used in the vicinity of ordnance require that a HERO warning label be affixed to the device.



FIGURE 2-3. HERO RF TRANSMISSION AUTHORIZED LABEL

HERO WARNING LABELS AND WARNING SYMBOL (CONT.)

TABLE 2-1. HERO WARNING LABEL INFORMATION*

NAVSEA FORM	STOCK NUMBER	SIZE	DESCRIPTION
NAVSEA 5104/1	0116-LF-115-0500	1 5/8" x 2"	RADHAZ Warning Label with Specified Feet
NAVSEA 5104/3	0116-LF-115-0700	2" x 2 2/3"	RADHAZ Warning Label (Blank) Feet
NAVSEA 5104/4	0116-LF-115-0800	1 1/2" x 2 1/3"	RADHAZ Warning Label (Blank) Feet

*Available by calling the Document Automation & Production Service (DAPS) Philadelphia at (877) 327-7226 or on the World Wide Web at https://navalforms.daps.dla.mil/web/public/forms.

HERO warning symbols are posted at any location where radar equipment or other possible sources of EMR might create the potential for premature initiation of ordnance due to HERO. An example of an RF warning symbol is shown in figure 2-4. This symbol is placed along ordnance transportation routes at prescribed locations to ordnance operations (e.g., missile assembly, ammunition pier, etc.) to alert operators of mobile and portable emitter systems such as radios and cellular phones to a potential hazard when using radios and cellular phones past this point.



FIGURE 2-4. HERO WARNING SYMBOL

HERO WARNING LABELS AND WARNING SYMBOL (CONT.)

Materials: Anodized aluminum, adhesive backing optional

Colors: Base material of anodized silver background; black anodized messages in bottom triangle: alternating colored blocks of anodized red and yellow in a border surrounding black anodized logogram in top triangle.

Logogram: Design will be a pictorial presentation of a radar antenna consisting of a pylon with a dot simulating an antenna and concentric area simulating pulsed energy

Wording: The title, WARNING: RADIO FREQUENCY HAZARD, is standard for all symbols; the messages in the lower triangle will vary according to particular situation; use of descriptive wording or warning information is the user's option.

MCAS CHERRY POINT HERO ZONES AND ILLUSTRATIONS

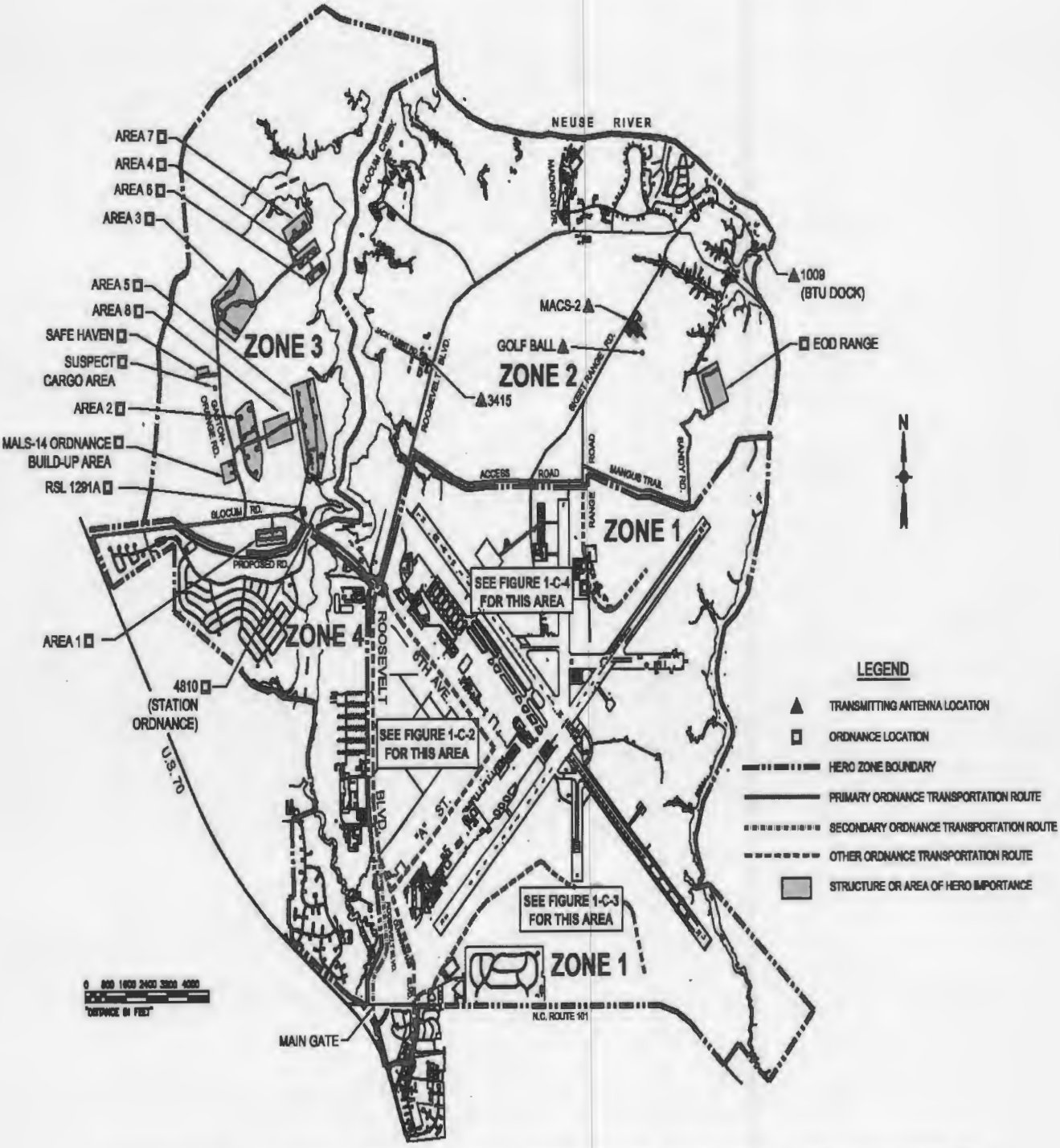


FIGURE 3-1. HERO ZONES, TRANSMITTING ANTENNA AND ORDNANCE LOCATIONS, AND ORDNANCE TRANSPORTATION ROUTES

MCAS CHERRY POINT HERO ZONES AND ILLUSTRATIONS

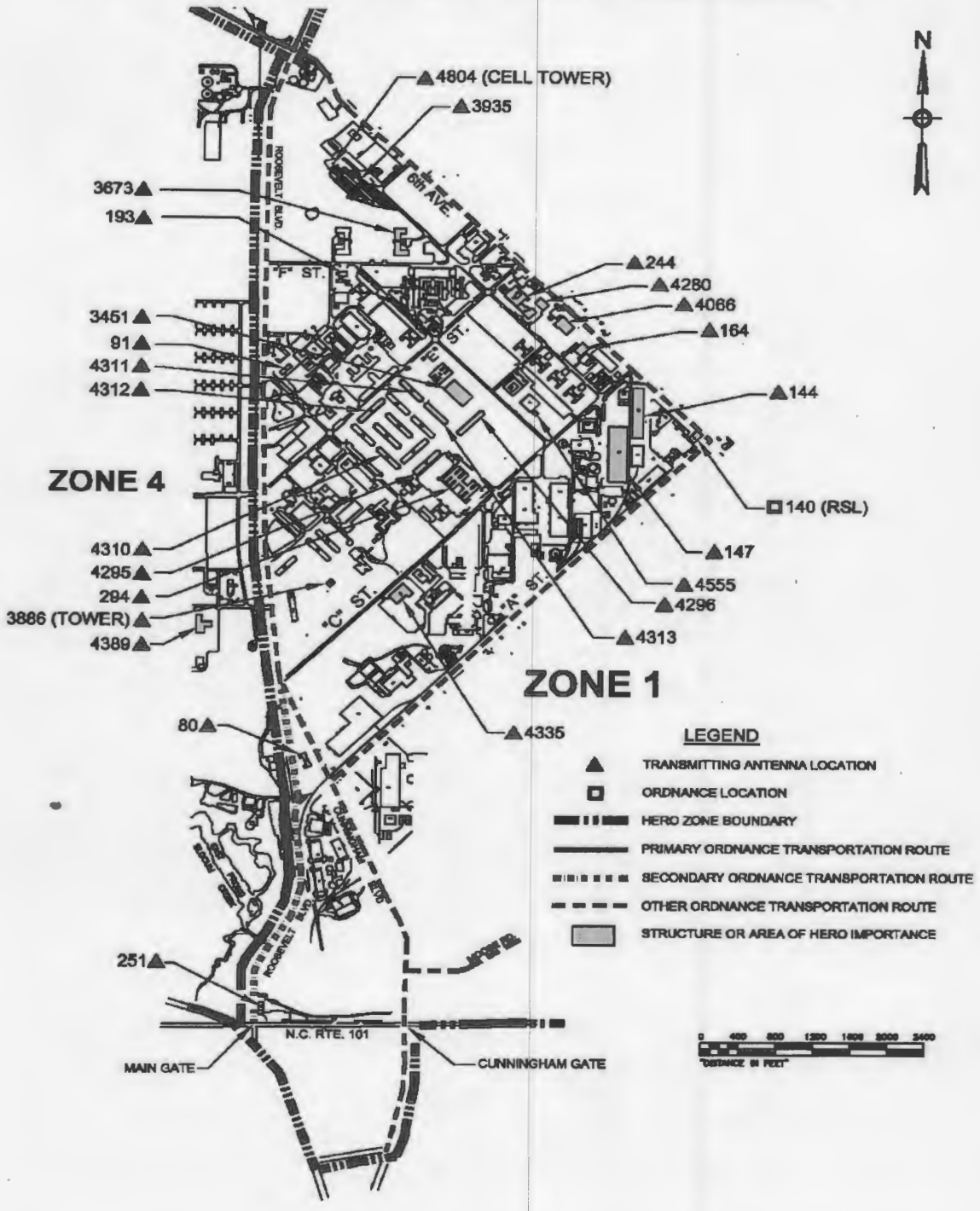


FIGURE 3-2. PARTIAL HERO ZONE 1 SHOWING TRANSMITTING ANTENNA AND ORDNANCE LOCATIONS AND ORDNANCE TRANSPORTATION ROUTES

MCAS CHERRY POINT HERO ZONES AND ILLUSTRATIONS

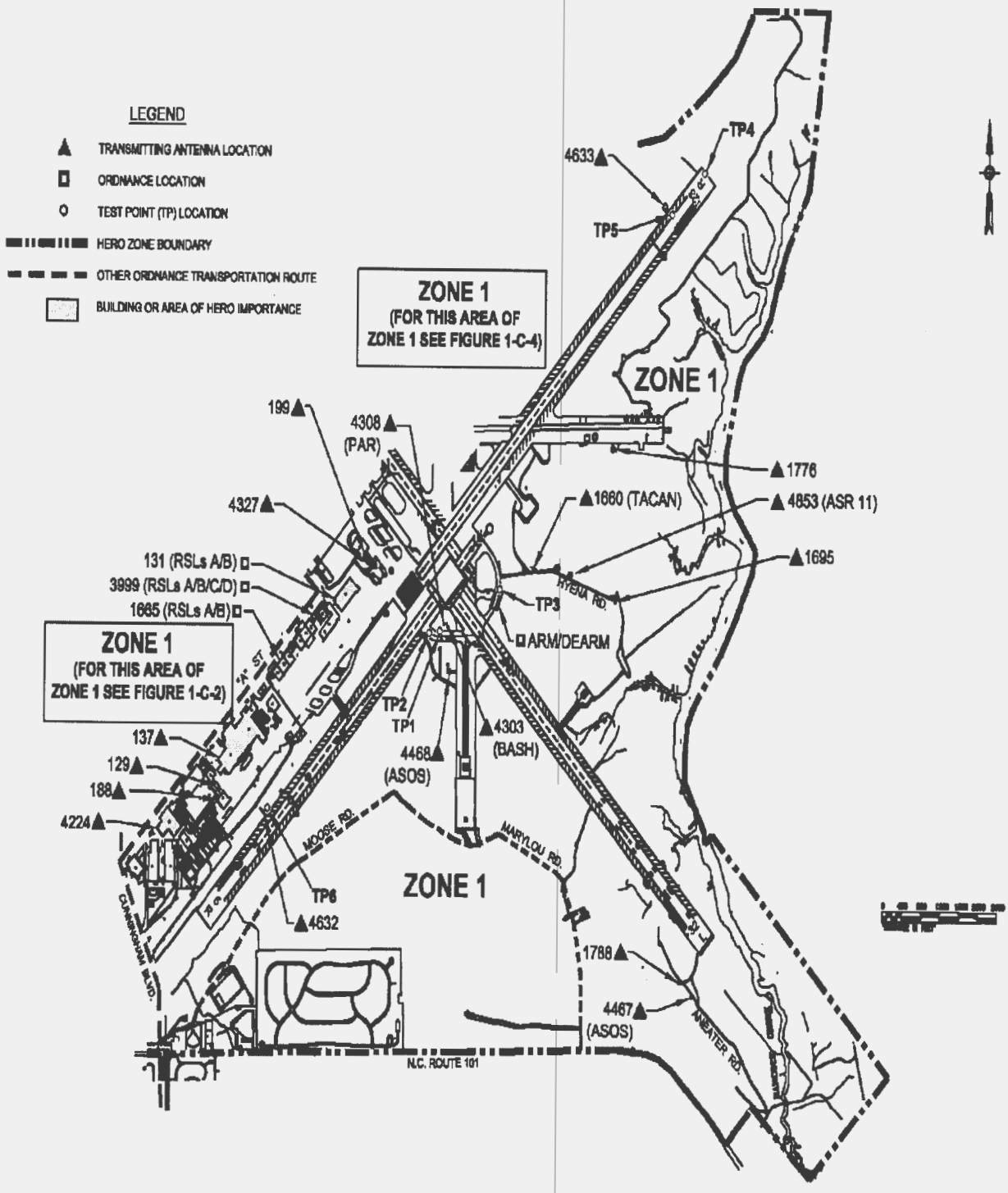


FIGURE 3-3. PARTIAL HERO ZONE 1 SHOWING ORDNANCE, TRANSMITTING ANTENNA AND TEST POINT (TP) LOCATIONS, AND ORDNANCE TRANSPORTATION ROUTES

MCAS CHERRY POINT HERO ZONES AND ILLUSTRATIONS

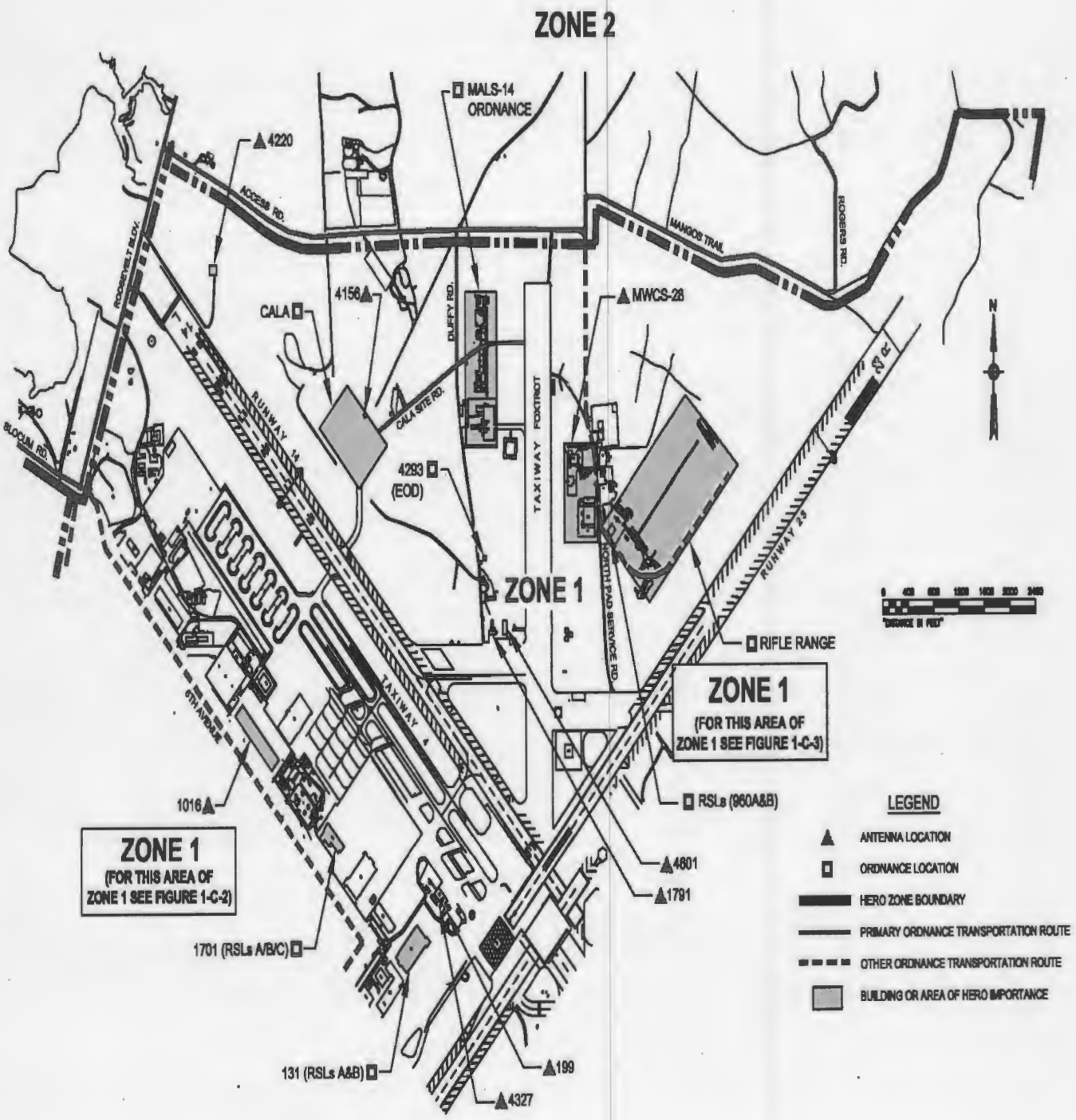


FIGURE 3-4. PARTIAL HERO ZONE 1 SHOWING ORDNANCE AND TRANSMITTING ANTENNA LOCATIONS AND ORDNANCE TRANSPORTATION ROUTES

MCAS CHERRY POINT HERO ZONES AND ILLUSTRATIONS

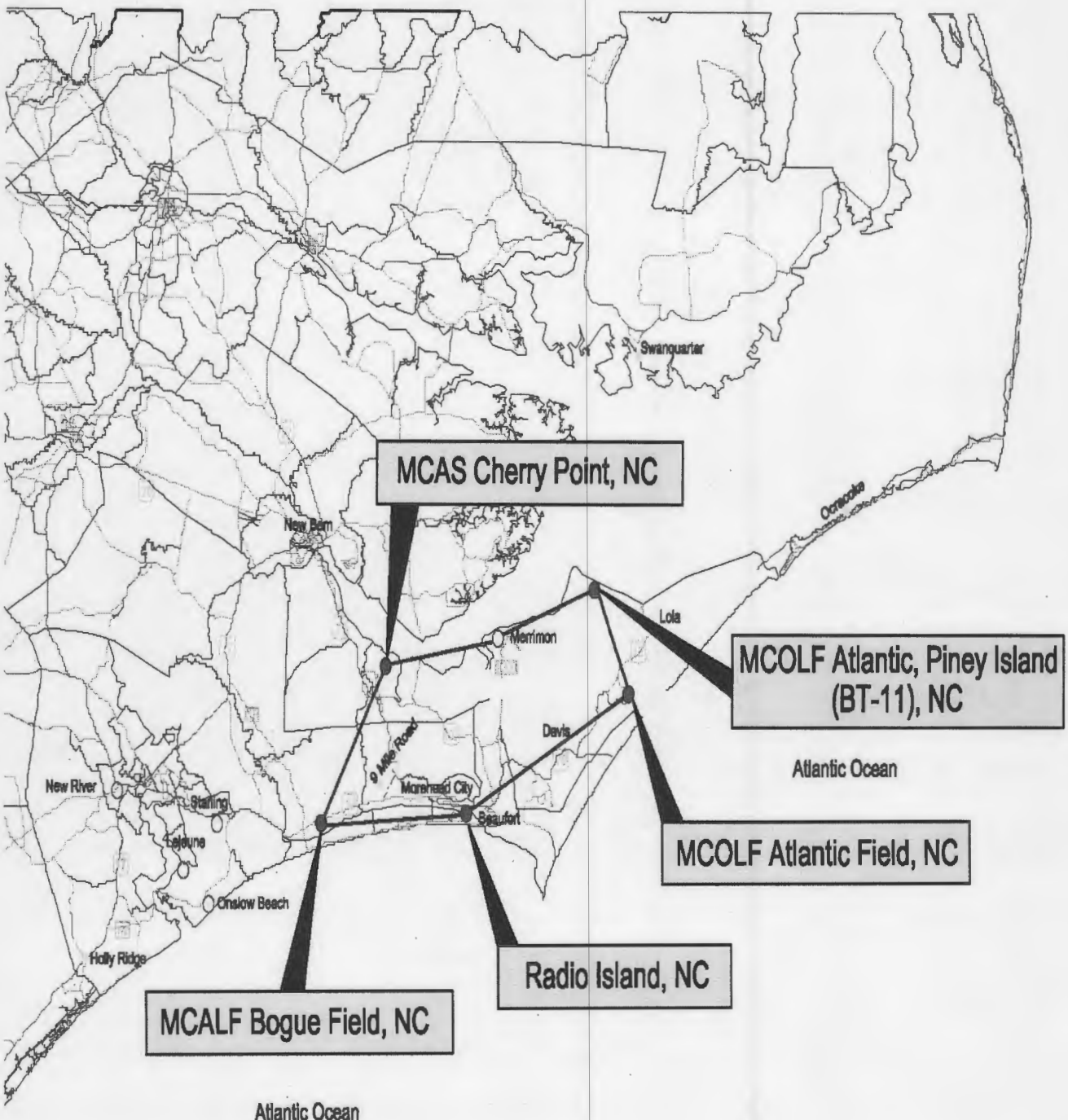


FIGURE 3-5. MCAS CHERRY POINT, NORTH CAROLINA AND OUTLYING/AUXILIARY FIELDS' LOCATION MAP

EME (ELECTROMAGNETIC ENVIRONMENT) DATA SUMMARY FOR AIRFIELD SYSTEMS AND FOR RADAR SYSTEMS

TABLE 4-1. EME DATA SUMMARY FOR AIRFIELD SYSTEMS

Test Point Number	Test Point Description	System	Frequency (MHz)	EMEs (max.) (V/m)
4	200 FEET FROM ANTENNA ARRAY NORTHEAST END ON RUNWAY 23R	GLIDESLOPE (NEAR BUILDING 4633)	329.27	0.01
5	20 FEET FROM BUILDING 4633 NORTHEAST END ON RUNWAY 23R	SELEX DME 1118A/1119A	1162	<0.01
6	50 FEET RIGHT OF BUILDING 4632 SOUTHWEST END NEAR RUNWAY 5R	LOCALIZER	108.9	0.27

< Denotes less than.

TABLE 4-2. EME DATA SUMMARY FOR RADAR SYSTEMS

Test Point Number	Test Point Description	System	Frequency (MHz)	EMEs (max.)(V/m)
1	150 FEET FROM BUILDING 4308 ON AIRCRAFT TAXIWAY	AN/FPN-63 (PAR)	9077	0.13
2	310 FEET FROM BUILDING 4308 ON AIRCRAFT TAXIWAY	AN/FPN-63 (PAR)	9077	0.05
3	680 FEET FROM BUILDING 1660 ARM/DE-ARM AREA	AN/URN-25 (TACAN)	1162	0.03
3	1400 FEET FROM BUILDING 4853 ARM/DE-ARM AREA	ASR-11 (PSR MODE)	2780	0.63
3	1400 FEET FROM BUILDING 4853 ARM/DE-ARM AREA	ASR-11 (PSR MODE)	2869	0.7

MCAS CHERRY POINT HERO SUMMARY

NALC	Ordnance	S4 Phases	Location	HERO CONDITION
General Applications				
All	HERO SAFE ORDNANCE	All S4 phases	All locations	0
All	HERO UNSAFE/UNRELIABLE ORDNANCE	All S4 phases	Zone 1	1
			Zone 2	2
			Zone 3	3
			Zone 4	0*
All	HERO SUSCEPTIBLE ORDNANCE	All S4 phases	Zone 1	4
			Zone 2	5
			Zone 3	5
			Zone 4	0*

* No ordnance in this zone.

MCAS CHERRY POINT HERO EMCON PROCEDURES

HERO CONDITION 0

HERO EMCON is not required; all transmitters listed in enclosure (7) of this Order may be operated. Observe the general HERO requirements outlined in Chapter 7 of reference (b).

HERO CONDITION 1

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 1.

• Silence the AN/TPS-63 mobile radar at MACS-2 compound for HERO UNSAFE/ UNRELIABLE ORDNANCE operations at the northeast end of Runway 23R and north end of Taxiway Foxtrot within 5325 feet (1624 meters) of the radar.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 20 watts or transmitters operating into dummy loads.

• For in-flight aircraft carrying ordnance items directly exposed to the station's EME, observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (7) of this Order for all stationary transmitters.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (7) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such Fire Department, Ordnance Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (7) of this Order for that specific mobile or portable emitter.

MCAS CHERRY POINT HERO EMCON PROCEDURES (CONT.)

HERO CONDITION 2

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 2.

• Silence the AN/TPS-63 mobile radar at MACS-2 compound for HERO UNSAFE/ UNRELIABLE ORDNANCE operations at the EOD range, along Access Road, Mangus Trail, Raven Road, and Sandy Road ordnance transportation routes within 5325 feet (1624 meters) of the radar.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (7) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such as the Fire Department, Ordnance Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (7) of this Order for that specific mobile or portable emitter.

HERO CONDITION 3

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 3.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (7) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such as the Fire Department, Ordnance Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (7) of this Order for that specific mobile or portable emitter.

HERO CONDITION 4

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 1.

• Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 40 watts or transmitters operating into dummy loads.

• Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (7) of this Order for all mobile and portable transmitters.

MCAS CHERRY POINT HERO EMCON PROCEDURES (CONT.)

HERO CONDITION 5

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zones 2 and 3.

• Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (7) of this Order for all mobile and portable transmitters.

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
80 (2ND MAW HQ) (PORTABLE)	AS-3449	WHIP	4.0	420-450	100.0	AN/VSQ-2D(V) (EPLRS) (ENM 100)	108/33	27/8
80 (2ND MAW HQ) (PORTABLE)	AS-3449	WHIP	4.0	420-450	20.0	AN/VSQ-2D(V) (EPLRS) (ENM 20)	48/15	12/4
80 (2ND MAW HQ) (PORTABLE)	AS-3449	WHIP	4.0	420-450	3.0	AN/VSQ-2D(V) (EPLRS) (ENM 3)	19/6	10/3
80 (2ND MAW HQ) (PORTABLE)	AS-3449	WHIP	4.0	420-450	0.4	AN/VSQ-2D(V) (EPLRS) (ENM 0.4)	10/3	10/3
91 (EOC)	WHIP	WHIP	2.1	2-29.7	100.0	ICOM IC-765 (SSB, CW, FM) (HIGH)	458/140	115/35
91 (EOC)	WHIP	WHIP	2.1	2-29.7	40.0	ICOM IC-765 AM (HIGH)	290/88	72/22
91 (EOC)	WHIP	WHIP	2.1	2-29.7	10.0	ICOM IC-765 AM, CW, FM, SSB (LOW)	145/44	36/11
129 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	20.0	AN/ARC-51A	73/22	18/6
129 (FRC EAST)	AS-3191/A	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
129 (FRC EAST)	AS-3191/A	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
129 (FRC EAST)	AS-3191/A	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
129 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
129 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
129 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-159(V) (CW)	51/16	13/4
129 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	20.0	AN/ARC-52	65/20	16/5
137 (FRC EAST)	N/A	OMNIDIRECTIONAL	6.0	2400-2500	0.1	BREEZECOM WIRELESS	10/3	10/3
144 (DEFENSE LOGISTICS AGENCY)	N/A	OMNIDIRECTIONAL	6.0	2400-2500	0.1	BREEZECOM WIRELESS	10/3	10/3
147 (WAREHOUSE)	N/A	WHIP	2.1	406	2.0	TEKLOGIX	13/4	10/3
147 (WAREHOUSE)	N/A	YAGI	6.0	409	2.0	TEKLOGIX	20/6	10/3
164 (COMMS)	WHIP	WHIP	2.1	136-174	110.0	MOTOROLA ASTRO XTL 5000 (VHF)	282/86	71/21
164 (COMMS)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 5000 (VHF)	190/58	48/14
164 (COMMS)	DECIBEL PRODUCTS DB408	QUAD DIPOLE	9.9	406-512	45.0	MOTOROLA SPECTRA (UHF)	148/45	37/11
188 (FRC EAST)	N/A	OMNIDIRECTIONAL	6.0	2400-2500	0.1	BREEZECOM WIRELESS	10/3	10/3
193 (FIRE STATION)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF)	190/58	48/14
193 (FIRE STATION)	WHIP	WHIP	2.1	136-174	25.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF)	135/41	34/10
199 (ATC)	TACO D2296	DIPOLE	1.0	117-137	10.0	CM-200/VT	87/27	22/7
199 (ATC)	TACO D2295	DIPOLE	1.0	225-400	10.0	CM-200/UT	45/14	11/3

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
199 (ATC)	CPR1126	PARABOLIC	46.5	8360	10.0	COLLINS MW-518	230/70	57/18
199 (ATC)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
199 (ATC)	UVU-130	WHIP	2.5	116-150	5.0	PET 2000	74/23	18/6
199 (ATC)	UVU-130	WHIP	2.5	225-400	20.0	PET 2000	76/23	19/6
199 (ATC)	ESTEEM MODEL 95	LOOP	2.1	66-79	1.0	ESTEEM MODEL 95 (AFLCS)	46/14	11/3
199 (ATC)	WHIP	WHIP	2.1	136-174	110.0	MOTOROLA ASTRO XTL 500 (VHF)	282/86	71/21
199 (ATC)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 500 (VHF)	190/58	48/14
199 (ATC)	ICX TECHNOLOGIES STS-12000	PARABOLIC	37.4	16200-16600	0.5	ICX TECHNOLOGIES STS-12000 LONG-RANGE PERIMETER SURVEILLANCE RADAR	10/3	10/3
244 (TRAINING)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
251 (SECURITY)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
294 (PMO)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
294 (PMO)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF)	190/58	48/14
294 (PMO)	WHIP	WHIP	2.1	136-174	25.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF)	135/41	34/10
1009 (BDU DOCK)	WHIP	WHIP	2.1	156-158	25.0	ICOM IC-M125 (HIGH)	117/36	29/9
1009 (BDU DOCK)	WHIP	WHIP	2.1	156-158	1.0	ICOM IC-M125 (LOW)	23/7	10/3
1009 (BDU DOCK)	WHIP	WHIP	2.1	132-174	125.0	MOTOROLA QUANTAR STATION/REPEATER (132-174 MHZ)	310/94	77/24
1009 (BDU DOCK)	WHIP	WHIP	2.1	132-174	25.0	MOTOROLA QUANTAR STATION/REPEATER (132-174 MHZ)	139/42	35/11
1016 (MARCOM)	N/A	OMNIDIRECTIONAL	6.0	2400-2500	0.1	BREEZECOM WIRELESS	10/3	10/3
1660 (TACAN)	AS-3240/URN	PARASITIC ARRAY	6.0	962-1215	118.0	AN/URN-25	65/20	16/5
1695 (RECEIVER SITE)	TACO D2218	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
1695 (RECEIVER SITE)	TACO D2218	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
1776 (TRANSMITTER SITE)	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	5.0	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (HIGH POWER)	40/12	10/3
1776 (TRANSMITTER SITE)	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	1.0	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (MEDIUM POWER)	18/6	10/3
1776 (TRANSMITTER SITE)	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	0.15	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (LOW POWER)	10/3	10/3

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
1776 (TRANSMITTER SITE)	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	0.15	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (LOW POWER)	10/3	10/3
1776 (TRANSMITTER SITE)	TACO D2218	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
1776 (TRANSMITTER SITE)	TACO D2218	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
1776 (TRANSMITTER SITE)	TACO D2216	DIPOLE	1.0	117-137	10.0	CM-200/VT	87/27	22/7
1776 (TRANSMITTER SITE)	TACO D2217	MULDIPOL	1.0	225-400	10.0	CM-200/UT	45/14	11/3
1788 (AFLCS)	ESTEEM MODEL 95	LOOP	2.1	66-79	1.0	ESTEEM MODEL 95 (AFLCS)	46/14	11/3
1791 (AARF)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF) (50 WATT)	190/58	48/14
1791 (AARF)	WHIP	WHIP	2.1	136-174	25.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF) (25 WATT)	135/41	34/10
1791 (AARF)	WHIP	WHIP	2.1	136-174	110.0	MOTOROLA XTL 5000 (136-174 MHZ) (HIGH POWER)	282/86	71/21
1791 (AARF)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA XTL 5000 (136-174 MHZ) (LOW POWER)	190/58	48/14
3415 (FUELS)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
3451 (CHOW HALL)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
3673 (LODGING)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
3886 (LMR TOWER)	TACO D2218	MULDIPOL	1.0	116-152	25.0	AN/GRC-211	139/42	35/11
3886 (LMR TOWER)	TACO D2218	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
3886 (LMR TOWER)	TACO D2218	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
3886 (LMR TOWER)	WHIP	WHIP	2.1	136-174	110.0	MOTOROLA ASTRO XTL 5000	282/86	71/21
3886 (LMR TOWER)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 5000	190/58	48/14
3886 (LMR TOWER)	N/A	PARABOLIC	37.1	7750	1.0	LMC-408D	27/8	10/3
3886 (LMR TOWER)	N/A	PARABOLIC	37.1	8125	1.0	LMC-408D	25/8	10/3
3886 (LMR TOWER)	LAIRD TECHNOLOGIES S8244B	OMNIDIRECTIONAL	6.1	824-870	25.0	M/A-COM EDACS 500M (HIGH POWER)	35/11	10/3

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
3886 (LMR TOWER)	LAIRD TECHNOLOGIES S8244B	OMNIDIRECTIONAL	6.1	824-870	6.0	M/A-COM EDACS 500M (LOW POWER)	35/11	10/3
3886 (LMR TOWER)	LAIRD TECHNOLOGIES S8244B	OMNIDIRECTIONAL	6.1	896	25.0	M/A-COM EDACS 500M (HIGH POWER)	32/10	10/3
3886 (LMR TOWER)	LAIRD TECHNOLOGIES S8244B	OMNIDIRECTIONAL	6.1	896	6.0	M/A-COM EDACS 500M (LOW POWER)	16/5	10/3
3886 (LMR TOWER)	N/A	COLINEAR ARRAY	6.0	130-150	100.0	MOTOROLA B93JZB106A PAGER	441/134	110/34
3886 (LMR TOWER)	N/A	COLINEAR ARRAY	6.0	130-150	150.0	MILDEX-4000	540/165	135/41
3935 (RESERVE HQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4066 (OPS)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4156 (CALA) (PORTABLE)	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS)	6-INCH DIELECTRIC LENS	33.0	35112-35889	0.1	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS) (FMCW)	10/3	10/3
4156 (CALA) (PORTABLE)	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS)	6-INCH DIELECTRIC LENS	33.0	35112-35889	0.08	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS) [FMCW (TYPICAL)]	10/3	10/3
4220 (WELL)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4224 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	100.0	AN/ASQ-191 (FM)	145/44	36/11
4224 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	30.0	AN/ASQ-191 (AM)	79/24	20/6
4224 (FRC EAST)	AT-741B/A	BLADE	2.6	1025-1150	10.9	AN/ARN-118(V)	12/4	10/3
4224 (FRC EAST)	AT-741B/A	BLADE	2.6	1025-1150	21.6	AN/ARN-84(V) (SEARCH)	18/5	10/3
4224 (FRC EAST)	AT-741B/A	BLADE	2.6	1025-1150	1.0	AN/ARN-52	10/3	10/3
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-159(V) (CW)	51/16	13/4
4224 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	20.0	AN/ARC-52	65/20	16/5
4224 (FRC EAST)	AS-3191/A	BLADE	2.1	225-400	20.0	AN/ARC-51A	73/22	18/6
4224 (FRC EAST)	N/A	OMNI DIRECTIONAL	6.0	2400-2500	0.1	BREEZECOM WIRELESS	10/3	10/3
4280 (TRAINING)	TACO D2217	MULDIPOL	1.0	225-400	50.0	AN/URC-200 (UHF) (WITH UPA-50)	101/31	25/8
4280 (TRAINING)	TACO D2217	MULDIPOL	1.0	225-400	10.0	AN/URC-200 (UHF) (FM/AM HIGH POWER)	45/14	11/3
4280 (TRAINING)	TACO D2217	MULDIPOL	1.0	225-400	5.0	AN/URC-200 (UHF) (FM MEDIUM/AM LOW)	32/10	10/3
4280 (TRAINING)	TACO D2217	MULDIPOL	1.0	225-400	0.1	AN/URC-200 (UHF) (FM LOW)	10/3	5/1.5

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
4280 (TRAINING)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4280 (NSWC CORONA)	AS-4400/URC	COLINEAR ARRAY	4.8	969-1215	200.0	AN/USQ-140(V)1(C) (NORMAL) MIDS LVT-I1	73/22	18/6
4280 (NSWC CORONA)	AS-4400/URC	COLINEAR ARRAY	4.8	969-1215	25.0	AN/USQ-140(V)1(C) (MEDIUM) MIDS LVT-11	26/8	10/3
4280 (NSWC CORONA)	AS-4400/URC	COLINEAR ARRAY	4.8	969-1215	1.0	AN/USQ-140(V)1(C) (LOW) MIDS LVT-11	10/3	10/3
4293(EOD)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA XTL 5000 (136-174 MHZ) (LOW POWER)	190/58	48/14
4295 BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4296 (BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4303 (BASH RADAR)	FURUNO XN-12AF	SLOTTED ARRAY	28.0	9380-9440	36.0	FURUNO FR-2155	46/14	12/4
4308 (PAR)	AS-3160/UPN	ELEVATION ARRAY	42.3	9000-9160	52.8	AN/FPN-63	302/92	76/23
4308 (PAR)	AS-3161/UPN	AZIMUTH PARABOLIC	41.8	9000-9160	52.8	AN/FPN-63	285/87	71/22
4310 (BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4311 (BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4312 BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4313 (BEQ)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4327 (SECONDARY TOWER)	ESTEEM MODEL 95	LOOP	2.1	66-79	1.0	ESTEEM MODEL 95 (AFLCS)	46/14	11/3
4327 (SECONDARY TOWER)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 5000 (VHF)	190/58	48/14
4327 (SECONDARY TOWER)	TACO D2296	DIPOLE	1.0	117-137	10.0	CM-200/VT	87/27	22/7
4327 (SECONDARY TOWER)	TACO D2295	DIPOLE	1.0	225-400	10.0	CM-200/UT	45/14	11/3
4327 (SECONDARY TOWER)	TACO D2295	DIPOLE	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
4327 (SECONDARY TOWER)	TACO D2295	DIPOLE	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
4327 (SECONDARY TOWER)	TACO D2296	DIPOLE	1.0	116-152	25.0	AN/GRC-211	139/42	35/11
4327 (SECONDARY TOWER)	95008-40010	DIPOLE	1.0	410-411	2	9600 R-NET	11/3	10/3
4335 (TRAINING)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4389 (NAVAL HOSPITAL)	DECIBEL PRODUCTS DB404 (7.1 GAIN)	DUAL DIPOLE	7.1	406-470	40.0	MOTOROLA ASTRO XTL 5000 (UHF R1)	101/31	25/8
4389 (NAVAL HOSPITAL)	DECIBEL PRODUCTS DB222 SERIES (OMNIDIRECTIONAL)	EXPOSED DIPOLE	5.1	137-174	50.0	MOTOROLA ASTRO XTL 5000 (VHF)	267/81	67/20
4389 (NAVAL HOSPITAL)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
4467 (ASOS)	ASOS AAI-ACU-DCP	CARDIOD	3.0	410	0.06	ASOS (AUTOMATED SURFACE OBSERVING SYSTEM)	10/3	5/1.5
4468 (ASOS)	ASOS AAI-ACU-DCP	CARDIOD	3.0	410	0.06	ASOS (AUTOMATED SURFACE OBSERVING SYSTEM)	10/3	5/1.5
4555 (FRC EAST)	MADAHCOM ANT-109/DR	DIRECTIONAL	9.0	2400-2480	0.1	MADAHCOM WAVES TRX-401	10/3	10/3
4555 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	56/17	14/4
4555 (FRC EAST)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	46/14	11/3
4601 (CRASH/FIRE)	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 5000 (VHF)	190/58	48/14
4632 (LSO)	WHIP	WHIP	2.1	118-136.975	7.0	ICOM IC-A200	82/25	21/6
4632 (LSO)	LOCALIZER	ARRAY	15.0	108-112	15.0	LOCALIZER (HI)	579/177	145/44
4632 (LSO)	LOCALIZER	ARRAY	15.0	108-112	7.5	LOCALIZER (LO)	410/125	102/31
4633 (DME)	DB SYSTEMS 5100A-D	10 ELEMENT ARRAY	13.0	960-1215	1.9	SELEX DME 1118A/1119A	18/6	10/3
4633 (LSO)	GLIDESLOPE	ARRAY	12.1	328-336	4.0	GLIDESLOPE (HI)	71/22	18/5
4633 (LSO)	GLIDESLOPE	ARRAY	12.1	328-336	0.5	GLIDESLOPE (LO)	25/8	10/3
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1940-1945	28.18	NOKIA ULTRASITE	65/20	16/5
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1950-1965	28.18	NOKIA ULTRASITE	65/20	16/5
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1950-1965	20.0	NOKIA ULTRASITE	55/17	14/4
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	869-880	15.0	ERICSSON RBS 2206 (WCDMA)	86/26	21/7
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	869-891.5	35.0	ERICSSON RBS 2206	131/40	33/10
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	890-891.5	15.0	ERICSSON RBS 2206 (WCDMA)	84/25	21/6
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	925-960	35.0	ERICSSON RBS 2206 (GSM 900)	123/37	31/9
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	1805-1880	28.0	ERICSSON RBS 2206 (GSM 1800)	56/17	14/4
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	1930-1990	28.0	ERICSSON RBS 2206 (GSM 1900)	53/16	13/4
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	1945-1950	15.0	ERICSSON RBS 2206 (WCDMA)	38/12	10/3
4804 (CELL TOWER)	EMS RR90-17-02DPL2	FLAT PANEL	16.5	1975-1980	15.0	ERICSSON RBS 2206 (WCDMA)	38/11	10/3
4804 (CELL TOWER)	DECIBEL DB938DG65T2A-M	FLAT PANEL	19.7	1940-1945	28.18	NOKIA ULTRASITE	76/23	19/6
4804 (CELL TOWER)	DECIBEL DB938DG65T2A-M	FLAT PANEL	19.7	1950-1965	28.18	NOKIA ULTRASITE	76/23	19/6
4804 (CELL TOWER)	DECIBEL DB938DG65T2A-M	FLAT PANEL	19.7	1950-1965	20.0	NOKIA ULTRASITE	64/19	16/5
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1940-1945	28.18	NOKIA ULTRASITE	65/20	16/5
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1950-1965	28.18	NOKIA ULTRASITE	65/20	16/5
4804 (CELL TOWER)	DECIBEL DB938DG90T2A-M	FLAT PANEL	18.4	1950-1965	20.0	NOKIA ULTRASITE	55/17	14/4

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
4853 (ASR-11)	ASR-11 (PSR)	PARABOLIC	34.0	2700-2900	1664.478	ASR-11 (PSR) [LONG PULSE (8 MODULES)]	2176/663	544/166
4853 (ASR-11)	ASR-11 (PSR)	PARABOLIC	34.0	2700-2900	18.72	ASR-11 (PSR) (SHORT PULSE)	231/70	58/18
4853 (ASR-11)	ASR-11 (MSSR)	PARABOLIC	27.0	1030	84.0	ASR-11 (MSSR)	572/174	143/44
VARIOUS (ACCESS)	LOOP (GENERIC)	LOOP	2.1	433.92-0	0.025	SAVI ST-410-108 RFID TAG	5/1.5	1/0.3
VARIOUS (ALARM)	LAIRD TECHNOLOGIES FG4505W	DIPOLE	5.0	450-470	2.0	AES-INTELLINET 7750F RF SUBSCRIBER UNIT	16/5	10/3
VARIOUS (FIRE ALARM)	WHIP	WHIP	2.1	148-174	2.0	SEABOARD M-1A (4, 3, 8 AND 16 ZONES)	35/11	10/3
VARIOUS (FIRE ALARM)	WHIP	WHIP	2.1	450-470	2.0	SEABOARD M-1A	11/4	10/3
VARIOUS (GIANT VOICE)	LAIRD TECHNOLOGIES FG1403	COLLINEAR	5.1	138-144	30.0	KENWOOD TK-7180 (HIGH)	205/63	51/16
VARIOUS (GIANT VOICE)	LAIRD TECHNOLOGIES FG1403	COLLINEAR	5.1	138-144	1.0	KENWOOD TK-7180 (LOW)	37/11	10/3
VARIOUS	BOSCH SAFECOM SC921-XX	UHF HALF-WAVE RUBBER DUCK	2.1	400-470	2.2	BOSCH SAFECOM SC4000/SC4000F RADIO COMMUNICATOR (UHF)	14/4	10/3
VARIOUS	BOSCH SAFECOM C740A	UHF OMNI-DIRECTIONAL	5.1	450-470	2.2	BOSCH SAFECOM SC4000/SC4000F RADIO COMMUNICATOR (UHF)	17/5	10/3
VARIOUS	BOSCH SAFECOM C472A	UHF DIRECTIONAL YAGI	12.1	450-470	2.2	BOSCH SAFECOM SC4000/SC4000F RADIO COMMUNICATOR (UHF)	38/12	10/3
VARIOUS	BOSCH SAFECOM SC921V-XX	VHF HALF-WAVE RUBBER DUCK	2.1	136-174	2.2	BOSCH SAFECOM SC4000FV/SC4000V-XX	40/12	10/3
				MOBILES/PORTABLES				
MOBILE (EOC VAN)	QUALCOMM GLOBALSTAR GSP-1600	STUB	0.9	824.01-848.97	0.4	QUALCOMM GLOBALSTAR GSP-1600 SATELLITE PHONE (CELLULAR REVERSE)	10/3	5/1.5
MOBILE (EOC VAN)	QUALCOMM GLOBALSTAR GSP-1600	STUB	0.9	869.01-893.97	0.4	QUALCOMM GLOBALSTAR GSP-1600 SATELLITE PHONE (CELLULAR FORWARD)	10/3	5/1.5
MOBILE (EOC VAN)	QUALCOMM GLOBALSTAR GSP-1600	STUB	0.9	1610.73-1625.49	0.4	QUALCOMM GLOBALSTAR GSP-1600 SATELLITE PHONE (GLOBALSTAR REVERSE)	10/3	5/1.5
MOBILE (EOC VAN)	QUALCOMM GLOBALSTAR GSP-1600	STUB	0.9	2484.39-2499.15	0.4	QUALCOMM GLOBALSTAR GSP-1600 SATELLITE PHONE (GLOBALSTAR FORWARD)	10/3	5/1.5
MOBILE (EOC VAN)	WHIP	WHIP	2.1	806-870	35.0	MOTOROLA ASTRO DIGITAL SPECTRA (806-870 MHZ)	27/8	10/3
MOBILE (EOC VAN)	WHIP	WHIP	2.1	806-870	35.0	MOTOROLA ASTRO DIGITAL SPECTRA (806-870 MHZ)	27/8	10/3
MOBILE (EOC VAN)	WHIP	WHIP	2.1	136-174	6.0	MOTOROLA XTS 5000 (VHF)	66/20	16/5

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MOBILES/PORTABLES (Cont.)								
MOBILE (EOC VAN)	WHIP	WHIP	2.1	380-520	5.0	MOTOROLA XTS 5000 (UHF R1/R2)	22/7	10/3
MOBILE (EOC VAN)	WHIP	WHIP	2.1	764-806	2.5	MOTOROLA XTS 5000 (700 MHZ)	10/3	10/3
MOBILE (EOC VAN)	WHIP	WHIP	2.1	806-870	3.0	MOTOROLA XTS 5000 (800 MHZ)	10/3	10/3
MOBILE (EOD)	VG-2430	WHIP	CLASSIFIED	2400	CLASSIFIED	TALON MK2 (STOCK)	1.0/0.3*	0.3/0.1*
MOBILE (EOD)	VG-2430	WHIP	CLASSIFIED	2400	CLASSIFIED	TALON MK2 (CONVERTED)	1.0/0.3*	0.3/0.1*
MOBILE (EOD)	TELETRONICS	PATCH	CLASSIFIED	2400	CLASSIFIED	IROBOT PACKBOT	3/1	3/1
MOBILE (EOD)	TECHNOLOGIES HG491	PATCH	CLASSIFIED	2400	CLASSIFIED	IROBOT PACKBOT	3/1	3/1
MOBILE (EOD)	IROBOT	DIPOLE	CLASSIFIED	2400	CLASSIFIED	IROBOT PACKBOT	3/1	3/1
MOBILE (EOD)	WIRELESS	DIPOLE	CLASSIFIED	2400	CLASSIFIED	MAN-TRANSPORTABLE ROBOTIC SYSTEM (MTRS) MK 1 & 2	0/0*	0/0*
MOBILE (LOS)	UVU-130	WHIP	2.5	116-150	5.0	PET 2000	74/23	18/6
MOBILE (LOS)	UVU-130	WHIP	2.5	225-400	20.0	PET 2000	76/23	19/6
MOBILE (COMMS)	BA 1010-1	WHIP	2.1	136-174	110.0	MOTOROLA ASTRO XTL 5000 (VHF)	282/86	71/21
MOBILE (COMMS)	BA 1010-1	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO XTL 5000 (VHF)	190/58	48/14
MOBILE (EMERGENCY VEHICLES)	WHIP	WHIP	2.1	403-482	40.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (UHF)	57/18	14/4
MOBILE (GEMD VEHICLES)	WHIP	WHIP	2.1	136-174	50.0	GE MASTER II	190/58	48/14
MOBILE (GEMD VEHICLES)	WHIP	WHIP	2.1	403-482	40.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (UHF)	57/18	14/4
MOBILE (VEHICLES)	DRIVECAM DC3C PCS	STUB	3.0	824-849	0.316	DRIVECAM DC3C (CELLULAR)	10/3	10/3
MOBILE (VEHICLES)	DRIVECAM DC3C PCS	PCS	3.0	1850-1910	0.316	DRIVECAM DC3C (PCS)	10/3	10/3
PORTABLE (MARINA)	STUB (GENERIC)	STUB	0.9	156-164	6.0	STANDARD HORIZON HX751	50/15	13/4
PORTABLE (SCANNER) (WEAPONS)	INTERNAL	INTERNAL	0.0	2400	0.0	SAVI/SYMBOL PDT 8146 RF HANDHELD SCANNER	0/0*	0/0*
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	824-849	4.0	CELLULAR TELEPHONE (HANDHELD) (ANALOG/DIGITAL)	10/3	10/3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1805-1880	2.0	CELLULAR TELEPHONE (HANDHELD) (DCS1800 CELL PHONE BAND)	10/3	10/3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1850-1910	1.0	CELLULAR TELEPHONE (HANDHELD) (DIGITAL PCS BAND)	10/3	10/3
PORTABLE	STUB (GENERIC)	STUB	0.9	462-467	1.0	MOTOROLA TALKABOUT T6500	10/3	10/3

* Do not allow antenna to touch ordnance items

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MOBILES/PORTABLES (Cont.)								
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	20.0	AN/PRC-148(V)(C) MBITR (W/MA6943)	161/49	40/12
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	5.0	AN/PRC-148(V)(C) MBITR (FM OR AM)	80/25	20/6
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	3.0	AN/PRC-148(V)(C) MBITR (FM)	62/19	16/5
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	1.0	AN/PRC-148(V)(C) MBITR (FM OR AM)	36/11	10/3
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	0.5	AN/PRC-148(V)(C) MBITR (FM)	25/8	10/3
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	0.1	AN/PRC-148(V)(C) MBITR (FM)	11/3	10/3
PORTABLE	MOTOROLA XTS 5000	STUB	0.9	136-174	6.0	MOTOROLA XTS 5000R (VHF)	57/17	14/4
PORTABLE	MOTOROLA XTS 5000	STUB	0.9	380-520	5.0	MOTOROLA XTS 5000R UHF R1/R2)	19/6	10/3
PORTABLE	MOTOROLA XTS 5000	STUB	0.9	764-806	2.5	MOTOROLA XTS 5000R (700 MHZ)	10/3	10/3
PORTABLE	MOTOROLA XTS 5000	STUB	0.9	806-870	3.0	MOTOROLA XTS 5000R (800 MHZ)	10/3	10/3
PORTABLE	MOTOROLA XTS 3000	STUB	0.9	136-174	5.0	MOTOROLA XTS 3000	52/16	13/4
PORTABLE	MOTOROLA XTS 3000	STUB	0.9	403-520	4.0	MOTOROLA XTS 3000	16/5	10/3
PORTABLE	MOTOROLA XTS 3000	STUB	0.9	806-824	3.0	MOTOROLA XTS 3000	10/3	10/3
PORTABLE	MOTOROLA XTS 2500	STUB	0.9	806-870	3.0	MOTOROLA XTS 2500 (800 MHZ BAND)	10/3	10/3
PORTABLE	MOTOROLA SABER	STUB	0.9	403-470	4.0	MOTOROLA SABER (UHF) (UHF RANGE 1)	16/5	10/3
PORTABLE	STUB (GENERIC)	STUB	0.9	136-174	5.0	MOTOROLA HT-600 [HIGH (H43)]	52/16	13/4
PORTABLE	STUB (GENERIC)	STUB	0.9	136-174	2.0	MOTOROLA HT-600 [LOW (H33)]	33/10	10/3
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	20.0	AN/PRC-148(V)(C) MBITR (W/MA6943)	161/49	40/12
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	5.0	AN/PRC-148(V)(C) MBITR (FM OR AM)	80/25	20/6
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	3.0	AN/PRC-148(V)(C) MBITR (FM)	62/19	16/5

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MOBILES/PORTABLES (Cont.)								
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	1.0	AN/PRC-148(V)(C) MBITR (FM OR AM)	36/11	10/3
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	0.5	AN/PRC-148(V)(C) MBITR (FM)	25/8	10/3
PORTABLE	AN/PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	0.1	AN/PRC-148(V)(C) MBITR (FM)	11/3	10/3
PORTABLE	HARRIS 12099-0310-01	OMNI-DIRECTIONAL	5.1	136-174	50.0	HARRIS UNITY XG-100M (VHF)	269/82	67/50
PORTABLE	HARRIS 12099-0310-01	OMNI-DIRECTIONAL	5.1	380-520	50.0	HARRIS UNITY XG-100M (UHF)	96/29	24/7
PORTABLE	HARRIS 12099-0310-01	OMNI-DIRECTIONAL	5.1	762-870	35.0	HARRIS UNITY XG-100M (700/800)	40/12	10/3
PORTABLE	HARRIS UNITY XG-100M (BLUETOOTH)	INTERNAL	0.0	2400-2483.5	0.1	HARRIS UNITY XG-100M (BLUETOOTH	1/0.3	1/0.3
MACS-2								
MOBILE (AN/TMQ-44A(V)1)	YAGI	YAGI	10.0	36-50	100.0	METEOR COMM MCC-545	1138/347	285/87
MOBILE (AN/TMQ-44A(V)1	AN/TPS-76	PARABOLIC	37.5	5300-5700	250.0	AN/TPS-76	643/196	161/49
MOBILE (AN/TMQ-44A(V)1)	AS-390/SRC	COAXIAL STUB	2.1	225-400	50.0	AN/GRC-171B(V)4 (FM)	115/35	29/9
MOBILE (AN/TMQ-44A(V)1)	AS-390/SRC	COAXIAL STUB	2.1	225-400	20.0	AN/GRC-171B(V)4 (AM)	73/22	18/6
MOBILE (AN/TMQ-44A(V)1)	AT-1011/U	32-FOOT WHIP	2.1	2-30	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	1450/442	362/111
MOBILE (AN/TMQ-44A(V)1)	AT-1011/U	32-FOOT WHIP	2.1	2-30	500.0	HARRIS RF-350 (RF-355 500W LINEAR POWER AMP)	1025/313	256/78
MOBILE (AN/TMQ-44A(V)1)	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	HARRIS RF-350 (RF-350 TRANSCEIVER)	458/140	115/35
MOBILE (AN/TMQ-44A(V)1)	AS-3900A/VRC	WHIP	1.0	30-80	10.0	AN/PRC-117F (VHF) (VHF 1 HIGH)	128/39	32/10
MOBILE (AN/TMQ-44A(V)1)	AS-3900A/VRC	WHIP	1.0	30-80	1.0	AN/PRC-117F (VHF) (VHF 1 LOW)	40/12	10/3
MOBILE (AN/TMQ-44A(V)1)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-90A	286/87	71/22
MOBILE (AN/TMQ-44A(V)1)	YAGI	YAGI	10.0	36-50	100.0	METEOR COMM MCC-545	1138/347	285/87
MOBILE (AN/TPN-31/A)	OE-449/TPS-73	PARABOLIC	34.0	2705-2895	1100.0	AN/TPS-73	1765/538	441/135
MOBILE (AN/TPN-31/A)	AS-3471	PHASED ARRAY	39.0	9000-9200	180.0	AN/TPN-22	382/116	95/29
MOBILE (AN/TPN-31/A)	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	AN/URC-94(V)	458/140	115/35
MOBILE (AN/TPN-31/A)	TACO D2212	MULDIPOL	1.0	116-150	25.0	AN/GRC-211	139/42	35/11

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
				MACS-2 (Cont.)				
MOBILE (AN/TPN-31/A)	AT-271A/PRC	WHIP	2.1	2-60	400.0	AN/PRC-150(C) (WITH RF-5834H-PA)	917/280	229/70
MOBILE (AN/TPN-31/A)	AT-271A/PRC	WHIP	2.1	2-60	150.0	AN/PRC-150(C) (WITH RF-5033PA)	561/171	140/43
MOBILE (AN/TPN-31/A)	AT-271A/PRC	WHIP	2.1	2-60	20.0	AN/PRC-150(C)	205/63	51/16
MOBILE (AN/TPN-31/A)	AT-271A/PRC	WHIP	2.1	2-60	5.0	AN/PRC-150(C)	103/31	26/8
MOBILE (AN/TPN-31/A)	AT-271A/PRC	WHIP	2.1	2-60	1.0	AN/PRC-150(C)	46/14	11/3
MOBILE (AN/TPN-31/A)	TACO D2221	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
MOBILE (AN/TPN-31/A)	TACO D2221	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
MOBILE (AN/TPS-59(V)3)	PARABOLIC	PARABOLIC	34.0	1215-1400	46.0	AN/TPS-59(V)3 (OPERATING)	804/245	201/61
MOBILE (AN/TPS-63)	AN/TPS-63	PARABOLIC	32.5	1250-1350	3018.6	AN/TPS-63 (FULL POWER MODE)	5325/1624	1331/406
MOBILE (AN/TPS-63)	AN/TPS-63	PARABOLIC	32.5	1250-1350	2012.4	AN/TPS-63 (MEDIUM POWER MODE)	4348/1326	1087/331
MOBILE (AN/TPS-63)	AN/TPS-63	PARABOLIC	32.5	1250-1350	1006.2	AN/TPS-63 (LOW POWER MODE)	3074/937	768/234
MOBILE (AN/TPS-76)	AN/TPS-76	PARABOLIC	37.5	5300-5700	250.0	AN/TPS-76	643/196	161/49
MOBILE (ANTPX-56)	PARABOLIC	PARABOLIC	34.0	1029.9-1030.1	200.0	AN/TPX-56	1977/603	494/151
MOBILE	RFS BA6110-3	OMNIDIRECTIONAL	2.1	380-400	50.0	AN/VRC-110 [AN/PRC-152(C)] (SATCOM BAND HIGH)	68/21	17/5
MOBILE	RFS BA6110-3	OMNIDIRECTIONAL	2.1	380-400	20.0	AN/VRC-110 [AN/PRC-152(C)] (SATCOM BAND LOW)	43/13	11/3
MOBILE	RFS BA6110-3	OMNIDIRECTIONAL	2.1	380-420	5.0	AN/VRC-110 [AN/PRC-152(C)] (LOS)	22/7	10/3
MOBILE	OE-254/GRC	MULTI-ELEMENT	5.1	30-88	50.0	AN/VRC-89A	458/140	114/35
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-89A	286/87	71/22
MOBILE	AS-2259/GR	NVIS	6.0	30	50.0	AN/VRC-88A (WITH AMP)	508/155	127/39
MOBILE	AS-2259/GR	NVIS	6.0	30	4.5	AN/VRC-88A	152/46	38/12
MOBILE	AN/PRC-153	STUB	0.9	380-470	5.0	AN/PRC-153	19/6	10/3
MOBILE	AN/PRC-152(C)	STUB	0.9	30-512	5.0	AN/PRC-152(C) (AM, FM, PSK, CPM)	89/27	22/7
MOBILE	AN/PRC-152(C)	STUB	0.9	30-512	0.25	AN/PRC-152(C) (AM, FM, PSK, CPM)	20/6	10/3
MOBILE	WHIP	WHIP	2.1	2-30	100.0	AN/VRC-100 (HIGH)	458/140	115/35
MOBILE	WHIP	WHIP	2.1	2-30	50.0	AN/VRC-100 (MEDIUM)	324/99	81/25
MOBILE	WHIP	WHIP	2.1	2-30	10.0	AN/VRC-100 (LOW)	145/44	36/11
MOBILE	WHIP	WHIP	2.1	30-88	50.0	AN/VRC-90A	324/99	81/25
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	8.5	AN/TRN-46 (REPLY OR AZIMUTH Y-MODE)	17/5	10/3
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	4.4	AN/TRN-46 (ID Y-MODE)	12/4	10/3
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	3.5	AN/TRN-46 (REPLY OR AZIMUTH X-MODE)	11/3	10/3

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
				MACS-2 (Cont.)				
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	3.4	AN/TRN-46 (LOW POWER Y-MODE)	11/3	10/3
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	1.8	AN/TRN-46 (ID X-MODE)	10/3	10/3
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1213	1.4	AN/TRN-46 (LOW POWER X-MODE)	10/3	10/3
MOBILE	WHIP	WHIP	2.1	30-90	75.0	AN/PRC-117F(C) (W/MIK-21-75 AMP)	397/121	99/30
MOBILE	WHIP	WHIP	2.1	30-90	75.0	AN/PRC-117F(C) (W/RAMP-75 AMP)	397/121	99/30
MOBILE	WHIP	WHIP	2.1	30-90	40.0	AN/PRC-117F(C) (W/RAMP-25 AMP)	290/88	72/22
MOBILE	WHIP	WHIP	2.1	30-90	10.0	AN/PRC-117F(C) (FM LOS)	145/44	36/11
MOBILE	WHIP	WHIP	2.1	90-400	75.0	AN/PRC-117F(C) (W/MIK-21-75 AMP)	352/107	88/27
MOBILE	WHIP	WHIP	2.1	90-400	75.0	AN/PRC-117F(C) (W/RAMP-75 AMP)	352/107	88/27
MOBILE	WHIP	WHIP	2.1	90-400	40.0	AN/PRC-117F(C) (W/RAMP-25 AMP)	257/78	64/20
MOBILE	WHIP	WHIP	2.1	90-400	20.0	AN/PRC-117F(C) (FM LOS AND SATCOM)	182/55	45/14
MOBILE	WHIP	WHIP	2.1	90-400	10.0	AN/PRC-117F(C) (AM LOS)	129/39	32/10
MOBILE	WHIP	WHIP	2.1	400-512	75.0	AN/PRC-117F(C) (W/MIK-21-75 AMP)	79/24	20/6
MOBILE	WHIP	WHIP	2.1	400-512	75.0	AN/PRC-117F(C) (W/RAMP-75 AMP)	79/24	20/6
MOBILE	WHIP	WHIP	2.1	400-512	40.0	AN/PRC-117F(C) (W/RAMP-25 AMP)	58/18	14/4
MOBILE	WHIP	WHIP	2.1	400-512	10.0	AN/PRC-117F(C) (FM LOS)	29/9	10/3
MOBILE	WHIP	WHIP	2.1	400-512	4.0	AN/PRC-117F(C) (AM LOS)	18/6	10/3
MOBILE	AN/PRC-113	DIPOLE	2.1	116-150	10.0	AN/PRC-113(V) (LOW)	100/30	25/8
MOBILE	AN/PRC-113	DIPOLE	2.1	225-400	10.0	AN/PRC-113(V) (HIGH)	51/16	13/4
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-29.9999	150.0	AN/MRC-148 (HF HIGH)	561/171	140/43
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	30	60.0	AN/MRC-148 (VHF)	355/108	89/27
MOBILE	WHIP	WHIP	2.1	30-90	50.0	AN/VRC-94F	324/99	81/25
MOBILE	WHIP	WHIP	2.1	90-225	50.0	AN/VRC-94F	287/88	72/22
MOBILE	WHIP	WHIP	2.1	225-512	50.0	AN/VRC-94F	115/35	29/9
MOBILE	WHIP	WHIP	2.1	138-150	35.0	AN/VRC-82(V)2	157/48	39/12
MOBILE	AS-1729/VRC	WHIP ANTENNA	2.1	30-76	50.0	AN/MRC-145 (HIGH)	324/99	81/25
MOBILE	AS-1729/VRC	WHIP ANTENNA	2.1	30-76	10.0	AN/MRC-145 (LOW)	145/44	36/11
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	30	50.0	AN/MRC-145 (HIGH)	324/99	81/25
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	30	10.0	AN/MRC-145 (LOW)	145/44	36/11
MOBILE	WHIP	WHIP	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
MOBILE	WHIP	WHIP	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
MOBILE	WHIP	WHIP	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
MOBILE	WHIP	WHIP	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
				MACS-2 (Cont.)				
MOBILE	WHIP	WHIP	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
MOBILE	WHIP	WHIP	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
MOBILE	AS-3972/A	COLINEAR ARRAY	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
				MWCS-28				
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	400.0	AN/GRC-193 (HIGH)	917/280	229/70
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	AN/GRC-193 (LOW)	458/140	115/35
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	400.0	AN/MRC-138A (HIGH POWER)	917/280	229/70
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	AN/MRC-138A (LOW POWER)	458/140	115/35
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/MRC-145 (HIGH)	286/87	71/22
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	10.0	AN/MRC-145 (LOW)	128/39	32/10
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-89A	286/87	71/22
MOBILE	AS-4266A/PRC	MANPACK ANTENNA	2.1	30-87.975	50.0	AN/PRC-119 (WITH AMP)	324/99	81/25
MOBILE	AS-4266A/PRC	MANPACK ANTENNA	2.1	30-87.975	4.5	AN/PRC-119	97/30	24/7
MOBILE	OE-468/GRC (AS-3954/TRC)	PARABOLIC	38.5	4400-5000	1000.0	AN/TRC-170(V)3 (TROPO MODE)	1737/530	434/132
MOBILE	OE-468/GRC (AS-3954/TRC)	PARABOLIC	38.5	4400-5000	0.4	AN/TRC-170(V)3 (LOS)	35/11	10/3
MOBILE	AS-4255	PARABOLIC GRID	20.0	1350-1850	3.0	AN/MRC-142	37/11	10/3
MOBILE	STUB (GENERIC)	STUB	0.9	396-400	0.8	ICOM IC-4008M (FM)	10/3	10/3
MOBILE	AT-271A/PRC	WHIP	2.1	2-30	20.0	AN/PRC-104 (SSB)	205/63	51/16
MOBILE (FIRE SCOUT)	N/A	BLADE	3.0	1090	0.2	AN/APX-118(V)	10/3	5/1.5
MOBILE (FIRE SCOUT)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	56/17	14/4
MOBILE (FIRE SCOUT)	AT-256A/ARC	AIRCRAFT UHF BLADE	1.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	46/14	11/3
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
				VMU-2				
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
MOBILE (FIRE SCOUT)	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-92A [AM-7238 (AMP)]	286/87	71/22
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-103(V)1 [AN/PRC-117F(C)] (50-WATT AMPLIFER)	286/87	71/22
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	10.0	AN/VRC-103(V)1 [AN/PRC-117F(C)] (FM LOS)	128/39	32/10
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-90A	286/87	71/22
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-89A	286/87	71/22
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-88A (WITH AMP)	286/87	71/22
MOBILE (SHADOW)	AS-3900A/VRC	WHIP	1.0	30-80	4.5	AN/VRC-88A	86/26	21/7
MOBILE	AT-271A/PRC	WHIP	2.1	2-30	20.0	AN/PRC-104 (SSB)	205/63	51/16
MOBILE	WHIP	WHIP	2.1	116-150	10.0	AN/PRC-113(V) (LOW)	100/30	25/8
MOBILE	WHIP	WHIP	2.1	225-400	10.0	AN/PRC-113(V) (HIGH)	51/16	13/4
MOBILE	AS-4266A/PRC	MANPACK ANTENNA	2.1	30-87.975	50.0	AN/PRC-119 (WITH AMP)	324/99	81/25
MOBILE	AS-4266A/PRC	MANPACK ANTENNA	2.1	30-87.975	4.5	AN/PRC-119	97/30	24/7
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	400.0	AN/MRC-138A (HIGH POWER)	917/280	229/70
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	AN/MRC-138A (LOW POWER)	458/140	115/35
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-88A (WITH AMP)	286/87	71/22
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-92A [AM-7238 (AMP)]	286/87	71/22
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/MRC-145 (HIGH)	286/87	71/22
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	10.0	AN/MRC-145 (LOW)	128/39	32/10
ALTIMETER	HORN	HORN	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
BEACON	AS-3546/APN	OMNIDIRECTIONAL	6.0	8500-9500	8.0	AN/APN-202	10/3	10/3
IFF	OMNI 50-7-4	BLADE	2.1	1090	0.56	AN/APX-100(V)1	10/3	10/3
RADAR	AS-3254	PLANAR ARRAY	34.0	CLASSIFIED	CLASSIFIED	AN/APG-65	436/133	109/33
VHF/UHF	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
VHF/UHF	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
AV-8B (HARRIER)								
VHF/UHF	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
VHF/UHF	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
VHF/UHF	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
C-130 (HERCULES)								
ALTIMETER	LG-81A1	FLUSH-MOUNT	13.0	4290-4310	0.5	AN/APN-171(V)1	10/3	10/3
COMM	N/A	BLADE	3.0	225-400	10.0	AN/ARC-159(V) (CW)	57/17	14/4
COMM	N/A	BLADE	3.0	116-152	20.0	COLLINS 618M-2D	156/48	39/12
COMM	N/A	BLADE	3.0	118-136	25.0	COLLINS 618-M-2B	172/52	43/13
COMM	N/A	BLADE	3.0	30-88	16.0	AN/ARC-186(V) (FM)	203/62	51/16
COMM	N/A	BLADE	3.0	116-152	10.0	AN/ARC-186(V) (AM)	111/34	28/8
COMM	AS-3557/A	BLADE	0.0	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	139/43	35/11
COMM	AS-3557/A	BLADE	0.0	118-156	10.0	AN/ARC-182(V) (VHF-AM)	77/23	19/6
COMM	AS-3557/A	BLADE	0.0	156-174	15.0	AN/ARC-182(V) (VHF-FM)	71/22	18/5
COMM	AS-3557/A	BLADE	0.0	225-400	15.0	AN/ARC-182(V) (UHF-FM)	49/15	12/4
COMM	AS-3557/A	BLADE	0.0	225-400	10.0	AN/ARC-182(V) (UHF-AM)	40/12	10/3
COMM	AS-4129/ARC	BLADE	0.0	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	139/43	35/11
COMM	AS-4129/ARC	BLADE	0.0	118-156	10.0	AN/ARC-182(V) (VHF-AM)	77/23	19/6
COMM	AS-4129/ARC	BLADE	0.0	156-174	15.0	AN/ARC-182(V) (VHF-FM)	71/22	18/5
COMM	AS-4129/ARC	BLADE	0.0	225-400	15.0	AN/ARC-182(V) (UHF-FM)	49/15	12/4
COMM	AS-4129/ARC	BLADE	0.0	225-400	10.0	AN/ARC-182(V) (UHF-AM)	40/12	10/3
COMM	N/A	BLADE	3.0	225-400	10.0	AN/ARC-159(V) (CW)	57/17	14/4
IFF	N/A	BLADE	3.0	1090	5.0	AN/APX-72A	10/3	10/3
SEARCH	N/A	PARABOLIC	24.0	9500-10000	500.0	AN/APS-137(V)1	107/33	27/8
CH-46D (SEA KNIGHT)								
ALTIMETER	AS-1858/APN	DUAL HORN	13.0	4300	0.5	AN/APN-171(V)I	10/3	10/3
BEACON	ARRAY	ARRAY	6.0	8800-9500	8.0	AN/APN-154(V)	10/3	10/3
COMMS	BLADE	BLADE	2.1	225-400	20.0	AN/ARC-51A	73/22	18/6
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
COMMS	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
COMMS	437R-1	LONGWIRE	2.1	2-30	400.0	AN/ARC-94 (SSB)	917/280	229/70
COMMS	437R-1	LONGWIRE	2.1	2-30	100.0	AN/ARC-94 (CW/AM)	458/140	115/35
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM I HIGH)	220/67	55/17
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	OMNI 50-7-4	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	OMNI 50-7-4	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
CH-46D (SEA KNIGHT) (Cont.)								
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
DOPPLER	AN/APN-217A	APERTURE	26.2	13285-13315	0.2	AN/APN-217A	10/3	10/3
DOPPLER	N/A	PLANAR ARRAY	37.3	13300	5.0	AN/APN-182(V)	35/11	10/3
IFF	AT-741B/A	BLADE	2.6	1090	5.0	AN/APX-72A	10/3	10/3
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	100.0	AN/ASQ-177(V)2 (HI-POWER)	87/27	22/7
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	20.0	AN/ASQ-177(V)2	39/12	10/3
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	3.0	AN/ASQ-177(V)2	15/5	10/3
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	0.4	AN/ASQ-177(V)2	10/3	10/3
CH-46E (SEA KNIGHT)								
ALTIMETER	AS-1858/APN	DUAL HORN	13.0	4300	0.5	AN/APN-171(V)1	10/3	10/3
BEACON	ARRAY	ARRAY	6.0	8800-9500	8.0	AN/APN-154(V)	10/3	10/3
COMMS	BLADE	BLADE	2.1	225-400	20.0	AN/ARC-51A	73/22	18/6
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
COMMS	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
COMMS	437R-1	LONGWIRE	2.1	2-30	400.0	AN/ARC-94 (SSB)	917/280	229/70
COMMS	437R-1	LONGWIRE	2.1	2-30	100.0	AN/ARC-94 (CW/AM)	458/140	115/35
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	OMNI 50-7-4	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	OMNI 50-7-4	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
DOPPLER	AN/APN-217A	APERTURE	26.2	13285-13315	0.2	AN/APN-217A	10/3	10/3
DOPPLER	N/A	PLANAR ARRAY	37.3	13300	5.0	AN/APN-182(V)	35/11	10/3
IFF	AT-741B/A	BLADE	2.6	1090	5.0	AN/APX-72A	10/3	10/3

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
CH-46E (SEA KNIGHT) (Cont.)								
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	100.0	AN/ASQ-177(V)2 (HI-POWER)	87/27	22/7
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	20.0	AN/ASQ-177(V)2	39/12	10/3
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	3.0	AN/ASQ-177(V)2	15/5	10/3
PLRS	AS-3446/ASQ-177	BLADE	2.1	420-450	0.4	AN/ASQ-177(V)2	10/3	10/3
CH-53D (SEA STALLION)								
ALTIMETER	LG-81A1	FLUSH-MOUNT	13.0	4290-4310	0.5	AN/APN-171(V)1	10/3	10/3
BEACON	ARRAY	ARRAY	6.0	8800-9500	8.0	AN/APN-154(V)	10/3	10/3
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
COMMS	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	400.0	AN/ARC-94 (SSB)	917/280	229/70
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-94 (CW/AM)	458/140	115/35
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	175.0	AN/ARC-220 (MT 7107 POWER AMPLIFIER)	606/185	152/46
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-220 (HIGH)	458/140	115/35
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	50.0	AN/ARC-220 (MED)	324/99	81/25
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	10.0	AN/ARC-220 (LOW)	145/44	36/11
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-174(V)	458/140	115/35
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
DOPPLER	AN/APN-217A	APERTURE	26.2	13285-13315	0.2	AN/APN-217A	10/3	10/3
IFF	AS-133	STUB	2.1	1090	5.5	AN/APX-72B	10/3	10/3
IFF	AT-234	STUB	2.1	1090	5.5	AN/APX-64(V)	10/3	10/3
TACAN	AT-741B/A	BLADE	2.6	1025-1150	10.9	AN/ARN-118(V)	12/4	10/3
TACAN	LB-147	STUB	2.1	1025-1150	1.0	AN/ARN-52	10/3	10/3
CH-53E (SUPER STALLION)								
ALTIMETER	LG-81A1	FLUSH-MOUNT	13.0	4290-4310	0.5	AN/APN-171(V)1	10/3	10/3
BEACON	ARRAY	ARRAY	6.0	8800-9500	8.0	AN/APN-154(V)	10/3	10/3
COMMS	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
CH-53E (SUPER STALLION) (Cont.)								
COMMS	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
COMMS	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	400.0	AN/ARC-94 (SSB)	917/280	229/70
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-94 (CW/AM)	458/140	115/35
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	175.0	AN/ARC-220 (MT 7107 POWER AMPLIFIER)	606/185	152/46
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-220 (HIGH)	458/140	115/35
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	50.0	AN/ARC-220 (MED)	324/99	81/25
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	10.0	AN/ARC-220 (LOW)	145/44	36/11
COMMS	LONGWIRE	LONGWIRE	2.1	2-30	100.0	AN/ARC-174(V)	458/140	115/35
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
DOPPLER	AN/APN-217A	APERTURE	26.2	13285-13315	0.2	AN/APN-217A	10/3	10/3
IFF	AS-133	STUB	2.1	1090	5.5	AN/APX-72B	10/3	10/3
IFF	AT-234	STUB	2.1	1090	5.5	AN/APX-64(V)	10/3	10/3
TACAN	AT-741B/A	BLADE	2.6	1025-1150	10.9	AN/ARN-118(V)	12/4	10/3
TACAN	LB-147	STUB	2.1	1025-1150	1.0	AN/ARN-52	10/3	10/3
EA-6B (PROWLER)								
ALTIMETER	AS-2595/APN	HORN ARRAY	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
BEACON	ARRAY	ARRAY	6.0	8800-9500	8.0	AN/APN-154(V)	10/3	10/3
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
EA-6B (PROWLER) (Cont.)								
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
COMMS	AS-3767/ARC	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
COMMS	AS-3767/ARC	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	AS-3767/ARC	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	AS-3767/ARC	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
COMMS	AS-3767/ARC	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
COMMS	DIPOLE	DIPOLE	2.1	2-30	150.0	AN/ARC-199 (HIGH)	561/171	140/43
COMMS	DIPOLE	DIPOLE	2.1	2-30	40.0	AN/ARC-199 (MED)	290/88	72/22
COMMS	DIPOLE	DIPOLE	2.1	2-30	4.0	AN/ARC-199 (LOW)	92/28	23/7
ECM	AS-3570/ALT	BLADE	2.6	100-500	400.0	AN/USQ-113(V)2 (FM)	775/236	194/59
ECM	AS-3570/ALT	BLADE	2.6	100-500	100.0	AN/USQ-113(V)2 (AM)	388/118	97/30
ELT	SIG-7020-01	WIRE	2.1	243	0.2	AN/URT-33	10/3	5/1.5
IFF	AT-741B/A	BLADE	2.6	1090	5.5	AN/APX-72B	10/3	10/3
RADAR	AS-3440/APS	PARABOLIC	33.0	9375	45.0	AN/APS-130	92/28	23/7
SURVIVAL	WHIP	WHIP	2.1	118-125	0.1	AN/PRC-112G (VHF)	10/3	5/1.5
SURVIVAL	WHIP	WHIP	2.1	225-320	1.0	AN/PRC-112G (UHF)	16/5	10/3
SURVIVAL	WHIP	WHIP	2.1	340-390	1.0	AN/PRC-112G (UHF)	11/3	10/3
SURVIVAL	WHIP	WHIP	2.1	406	5.0	AN/PRC-112G (406 SARSAT)	20/6	10/3
TACAN	AT-741B/A	BLADE	2.6	1025-1150	21.6	AN/ARN-84(V) (SEARCH)	18/5	10/3
F/A-18C/D (HORNET)								
ALCS	BLADE	BLADE	2.1	225-400	15.0	RT-1379A/ASW	63/19	16/5
ALTIMETER	HORN ARRAY	HORN ARRAY	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
BEACON	AS-2619/APN	SLOTTED WAVEGUIDE	6.0	8500-9500	8.0	AN/APN-202	10/3	10/3
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3881/ASQ	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
COMMS	AS-3881/ASQ	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
COMMS	AS-3881/ASQ	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7
COMMS	AS-3881/ASQ	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
F/A-18C/D (HORNET) (Cont.)								
COMMS	AS-3881/ASQ	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
ECM	AS-3884	ECM ANTENNA	CLASSIFIED	CLASSIFIED	CLASSIFIED	AN/ALQ-165	83/25	21/6
ECM	AS-4220	ECM ANTENNA	CLASSIFIED	CLASSIFIED	CLASSIFIED	AN/ALQ-165	36/11	26/8
ECM	AS-3850	ECM ANTENNA	CLASSIFIED	CLASSIFIED	CLASSIFIED	AN/ALQ-165	50/15	13/4
ECM	AS-3883	ECM ANTENNA	6.2	CLASSIFIED	CLASSIFIED	AN/ALQ-126	59/18	39/12
ELT	SIG-7020-01	WIRE	2.1	243	0.2	AN/URT-33	10/3	5/1.5
IFF	AT-741B/A	BLADE	2.6	1090	0.56	AN/APX-100(V)1	10/3	10/3
RADAR	AS-3254	PLANAR ARRAY	34.0	CLASSIFIED	CLASSIFIED	AN/APG-65	436/133	109/33
RADAR	AS-3254	PLANAR ARRAY	34.0	CLASSIFIED	CLASSIFIED	AN/APG-73	436/133	109/33
TACAN	AT-741B/A	BLADE	2.6	1025-1150	10.9	AN/ARN-118(V)	12/4	10/3
MV-22B (OSPREY)								
ALTIMETER	AS-2728	HORN ARRAY	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
COMMS	AS-3191/A	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3191/A	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3191/A	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3191/A	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3191/A	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3191/A	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3191/A	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
ELT	SIG-7020-01	WIRE	2.1	243	0.2	AN/URT-33	10/3	5/1.5
IFF	AT-741B/A	BLADE	2.6	1090	5.0	AN/APX-100(V)	10/3	10/3
SATCOM	CHELTON 19H430-10 (225-400 MHZ)	BLADE	5.0	225-400	125.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7526)	254/77	63/19
SURVIVAL	N/A	WHIP	2.1	118-125	0.1	AN/PRC-112G (VHF)	10/3	5/1.5
SURVIVAL	N/A	WHIP	2.1	225-320	1.0	AN/PRC-112G (UHF)	16/5	10/3
SURVIVAL	N/A	WHIP	2.1	340-390	1.0	AN/PRC-112G (UHF)	11/3	10/3
SURVIVAL	N/A	WHIP	2.1	406	5.0	AN/PRC-112G (406 SARSAT)	20/6	10/3
TACAN	AT-741B/A	BLADE	2.6	962-1213	10.8	AN/ARN-153(V) (TCN-500)	13/4	10/3
UH-1N (HUEY)								
ALTIMETER	AS-1858/APN	DUAL HORN	13.0	4300	0.5	AN/APN-171(V)1	10/3	10/3
HF	LONGWIRE	LONGWIRE	2.1	2-30	400.0	AN/ARC-102	917/280	229/70
IFF	AT-741B/A	BLADE	2.6	1090	5.0	AN/APX-72A	10/3	10/3
TACAN	AT-741B/A	BLADE	2.6	1025-1150	10.0	AN/ARN-105(V)	12/4	10/3
VHF-UHF	OMNI 50-7-4	BLADE	2.1	30-88	15.0	AN/ARC-182(V) [FM (SINCGARS)]	178/54	44/14
VHF-UHF	OMNI 50-7-4	BLADE	2.1	118-156	10.0	AN/ARC-182(V) (VHF-AM)	98/30	25/7

N/A = Not assigned

MCAS CHERRY POINT ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
UH-1N (HUEY) (Cont.)								
VHF-UHF	OMNI 50-7-4	BLADE	2.1	156-174	15.0	AN/ARC-182(V) (VHF-FM)	91/28	23/7
VHF-UHF	OMNI 50-7-4	BLADE	2.1	225-400	15.0	AN/ARC-182(V) (UHF-FM)	63/19	16/5
V-22 (OSPREY)								
VHF-UHF	OMNI 50-7-4	BLADE	2.1	225-400	10.0	AN/ARC-182(V) (UHF-AM)	51/16	13/4
ALTIMETER	HORN	HORN	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
AS-3191/ARC	DIPOLE	DIPOLE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
AS-3191/ARC	DIPOLE	DIPOLE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
AS-3191/ARC	DIPOLE	DIPOLE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
AS-3191/ARC	DIPOLE	DIPOLE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
AS-3191/ARC	DIPOLE	DIPOLE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
AS-3191/ARC	DIPOLE	DIPOLE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
AS-3191/ARC	DIPOLE	DIPOLE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
AS-3191/ARC	DIPOLE	DIPOLE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
AS-3191/ARC	DIPOLE	DIPOLE	2.1	30-88	50.0	AN/ARC-210(V) W/AMPLIFIERS	324/99	81/25
AS-3191/ARC	DIPOLE	DIPOLE	2.1	108-156	15.0	AN/ARC-210(V) W/AMPLIFIERS	131/40	33/10
AS-3191/ARC	DIPOLE	DIPOLE	2.1	156-174	22.0	AN/ARC-210(V) W/AMPLIFIERS	110/34	27/8
AS-3191/ARC	DIPOLE	DIPOLE	2.1	225-400	125.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7526)	182/55	45/14
COMMS	AS-3191/A	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3191/A	BLADE	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
COMMS	AS-3191/A	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3191/A	BLADE	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
COMMS	AS-3191/A	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3191/A	BLADE	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
COMMS	AS-3191/A	BLADE	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
COMMS	AS-3191/A	BLADE	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
COMMS	AS-3191/A	BLADE	2.1	30-88	50.0	AN/ARC-210(V) W/AMPLIFIERS	324/99	81/25
COMMS	AS-3191/A	BLADE	2.1	108-156	15.0	AN/ARC-210(V) W/AMPLIFIERS	131/40	33/10
COMMS	AS-3191/A	BLADE	2.1	156-174	22.0	AN/ARC-210(V) W/AMPLIFIERS	110/34	27/8
COMMS	AS-3191/A	BLADE	2.1	225-400	125.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7526)	182/55	45/14

STATION CALL LIST FOR HERO EMCON

HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE EMISSIONS CONTROL (HERO EMCON) BILL

Unit Setting/Cancel HERO EMCON	
Date and Time of Request	
Unit Point of Contact	
HERO Condition Setting	
Date/Time for HERO EMCON Setting	

UNIT NOTIFIED (AIROPS)	DWH	AWH	FCVDBY/DATE
Tower	Intercom 35	Intercom 35	/
ATC Maintenance	466-5887	466-2650	/
RATCF (Radar)	Intercom 34	Intercom 34	/
EOD	466-7606	466-5213	/
ARFF	466-4585	466-4585	/
VAL	466-3232	466-3232	/
MCAS Spectrum Manager	466-5841		/
2MAW Spectrum Manager	466-3108		/
MCAS Explosive Safety	466-3994		/
HERO Officer	466-5746		/
MWCS-28	466-4480		/
MTACS-28	466-4844		/
MWSS-274	466-4273		/
MWSS-274 Weather	466-2717		/
VMU-2	466-4699		/
MASS-1	466-2954		/
MACS-2	466-5833		/
2ND LAAD	466-3036		/
MWSS-271	466-6675		/
FRC-EAST	464-7948	466-9390	/
VMGR-252	466-3800		/
VMGRT-253	466-6231		/
VMAQ-2	466-6027		/
VMAQ-3	466-2201		/
VMAQ-4	466-4205		/
VMAT-203	466-3261		/
VMA-223	466-2158		/
VMA-231	466-4137		/
VMA-542	466-5008		/
VMR-1	466-5745		/

MCALF BOGUE HERO ZONES AND ILLUSTRATION

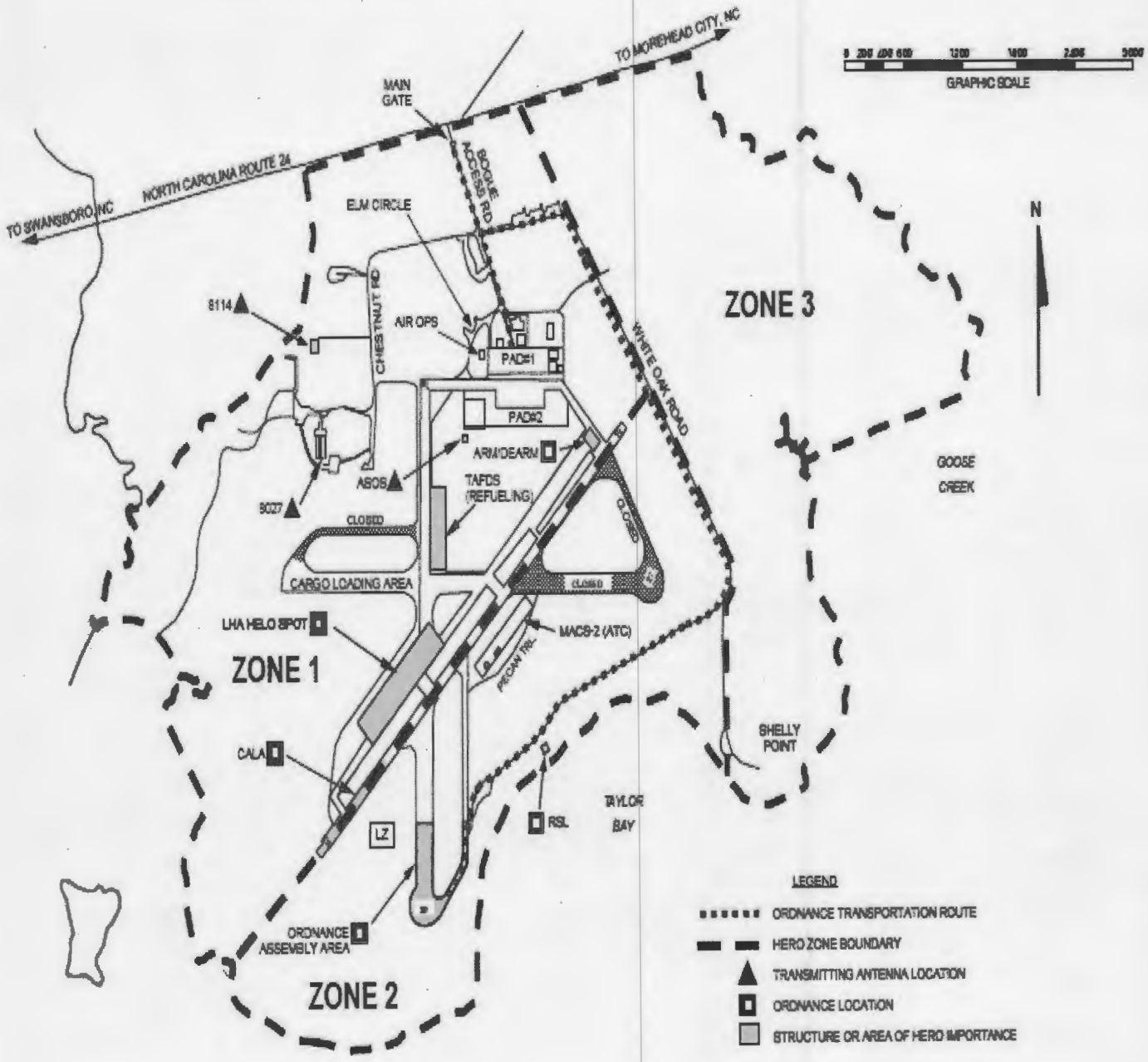


FIGURE 9-1. HERO ZONES 1, 2 AND 3: TRANSMITTING ANTENNA AND ORDNANCE LOCATIONS AND ORDNANCE TRANSPORTATION ROUTE

MCALF BOGUE HERO ZONES AND ILLUSTRATION (CONT.)

NOTIFICATION	ORDNANCE	SITUATION/ACTIVITY	LOCATION	HERO CONDITION
All	HERO Safe	Presence, handling, loading	All locations	0
All	HERO Unsafe	Presence, handling, loading	Zone 1	1
			Zone 2	2
			Zone 3	3
			Zone 4	0
All	HERO Susceptible	Presence, handling, loading	Zone 1	4
			Zone 2	5
			Zone 3	6
			Zone 4	0

MCALF BOGUE HERO SUMMARY

NALC General Applications	Ordnance	S4 Phases	Location	HERO CONDITION
All	HERO SAFE ORDNANCE	All S4 phases	All locations	0
All	HERO UNSAFE/UNRELIABLE ORDNANCE	All S4 phases	Zone 1	1
			Zone 2	1
			Zone 3	2
All	HERO SUSCEPTIBLE ORDNANCE	All S4 phases	Zone 1	3
			Zone 2	3
			Zone 3	4

MCALF BOGUE HERO EMCON PROCEDURES

HERO CONDITION 0

HERO EMCON is not required; all transmitters listed in enclosure 12 of this Order may be operated. Observe the general HERO requirements outlined in Chapter 7 of reference (b).

HERO CONDITION 1

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zones 1 and 2.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 20 watts or transmitters operating into dummy loads.

• For in-flight aircraft carrying ordnance items directly exposed to the station's EME, observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (12) of this Order for all stationary transmitters.

•Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (12) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such as the Fire Department, Ordnance Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (12) of this Order for that specific mobile or portable emitter.

MCALF BOGUE HERO EMCON PROCEDURES (CONT.)

HERO CONDITION 2

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 3.

- Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (12) of this Order for all mobile and portable transmitters.

- For an ordnance accident, emergency response units such as the Fire Department, Ordnance Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (12) of this Order for that specific mobile or portable emitter.

HERO CONDITION 3

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zones 1 and 2.

- Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 40 watts or transmitters operating into dummy loads.

- Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (12) of this Order for all mobile and portable transmitters.

HERO CONDITION 4

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 3.

- Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (12) of this Order for all mobile and portable transmitters.

MCALF BOGUE COMMUNICATIONS AND RADAR TRANSMITTERS

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
8027	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	5.0	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (HIGH POWER)	40/12	10/3
8027	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	1.0	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (MEDIUM POWER)	18/6	10/3
8027	UVU-300 (30-90 MHZ)	OMNIDIRECTIONAL	-6.0	30-90	0.15	AN/URC-200 WITH 30-90 MHZ ENHANCEMENT (LOW POWER)	10/3	10/3
8027	WHIP	WHIP	2.1	116-150	10.0	AN/PRC-113(V) (LOW)	100/30	25/8
8027	WHIP	WHIP	2.1	225-400	10.0	AN/PRC-113(V) (HIGH)	51/16	13/4
8114	AS-390A/SRC	COAXIAL STUB	2.1	225-400	50.0	AN/URC-200 (UHF) (WITH UPA-50)	115/35	29/9
8114	AS-390A/SRC	COAXIAL STUB	2.1	225-400	10.0	AN/URC-200 (UHF) (FM/AM HIGH POWER)	51/16	13/4
8114	AS-390A/SRC	COAXIAL STUB	2.1	225-400	5.0	AN/URC-200 (UHF) FM MEDIUM/AM LOW)	36/11	10/3
8114	AS-390A/SRC	COAXIAL STUB	2.1	225-400	0.1	AN/URC-200 (UHF) (FM LOW)	10/3	5/1.5
ASOS	ASOS AAI-ACU-DCP	CARDIOD	3.0	410	0.06	ASOS (AUTOMATED SURFACE OBSERVING SYSTEM)	10/3	5/1.5
MOBILE	AN/PPS-15(V)2	SCAN	30.1	10300	0.045	AN/PPS-15(V)2	10/3	10/3
MOBILE	PARABOLIC	PARABOLIC	30.0	5450-5650	230.0	AN/FPS-106(V)	253/77	63/19
MOBILE (CONEX)	WHIP	WHIP	2.1	2-30	100.0	AN/URC-94(V)	458/140	115/35
MOBILE (CONEX)	WHIP	WHIP	2.1	30-80	50.0	AN/URC-94(V)	324/99	81/25
MOBILE (CONEX)	AS-3184/URN	DIPOLE ARRAY	6.0	962-1215	118.0	AN/URN-25	65/20	16/5
MOBILE (CONEX)	WHIP	WHIP	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
MOBILE (CONEX)	WHIP	WHIP	2.1	30-88	15.0	AN/ARC-210(V) (FM 1 LOW)	178/54	44/14
MOBILE (CONEX)	WHIP	WHIP	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
MOBILE (CONEX)	WHIP	WHIP	2.1	108-156	10.0	AN/ARC-210(V) (AM 1 LOW)	107/33	27/8
MOBILE (CONEX)	WHIP	WHIP	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
MOBILE (CONEX)	WHIP	WHIP	2.1	156-174	15.0	AN/ARC-210(V) (FM 2 LOW)	91/28	23/7
MOBILE (CONEX)	WHIP	WHIP	2.1	225-400	15.0	AN/ARC-210(V) (AM 2 HIGH)	63/19	16/5
MOBILE (CONEX)	WHIP	WHIP	2.1	225-400	10.0	AN/ARC-210(V) (AM 2 LOW)	51/16	13/4
MOBILE (TWSS)	N/A	PARABOLIC	CLASSIFIED	CLASSIFIED	818.5	TWSS (TRACK)	162/49	41/13
MOBILE (TWSS)	N/A	PARABOLIC	CLASSIFIED	CLASSIFIED	42.7	TWSS (MISSILE)	159/48	40/12
MOBILE	AN/TPS-76	PARABOLIC	37.5	5300-5700	250.0	AN/TPS-76	643/196	161/49
MOBILE	AS-390/SRC	COAXIAL STUB	2.1	225-400	50.0	AN/GRC-171(V)1 (FM)	115/35	29/9
MOBILE	AS-390/SRC	COAXIAL STUB	2.1	225-400	20.0	AN/GRC-171(V)1 (AM)	73/22	18/6
MOBILE	AS-3900A/VRC	WHIP	1.0	36-50	250.0	METEOR COMM MCC-520B	1274/389	319/97
MOBILE	AS-3900A/VRC	WHIP	1.0	36-50	100.0	METEOR COMM MCC-545A	404/123	101/31
MOBILE	AS-3900A/VRC	WHIP	1.0	30-80	50.0	AN/VRC-90A	286/87	71/22
MOBILE (ASR)	OE-449/TPS-73	PARABOLIC	34.0	2705-2895	1100.0	AN/TPS-73	1765/538	441/135
MOBILE (PAR)	AS-3471	FHASED ARRAY	39.0	9000-9200	180.0	AN/TPN-22	382/116	95/29
MOBILE	AS-3184/URN	DIPOLE ARRAY	6.0	962-1215	118.0	AN/URN-25	65/20	16/5
MOBILE	WHIP	WHIP	2.1	138-150	35.0	AN/VRC-82(V)2	157/48	39/12
MOBILE	TACO D2212	MULDIPOL	1.0	116-150	25.0	AN/GRC-211	139/42	35/11
MOBILE	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	116-152	25.0	AN/GRC-211	139/42	35/11
MOBILE	AS-1729/VRC	WHIP ANTENNA	2.1	30-76	50.0	AN/URC-94(V)	324/99	81/25
MOBILE	AT-1011/U	32-FOOT WHIP	2.1	2-30	100.0	AN/URC-94(V)	458/140	115/35

N/A = Not assigned

MCALF BOGUE COMMUNICATIONS AND RADAR TRANSMITTERS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MOBILE	AN/PRC-117F (90-512 MHZ)	FLEX ANTENNA	2.1	136-160	2.0	AN/PRC-127	38/12	10/3
MOBILE	TACO D2221	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
MOBILE	TACO D2221	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
MOBILE	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
MOBILE	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
PORTABLE	AS-3567/PSC (LOW)	CROSSED DIPOLE	6.0	240-318	9.0	AN/PSC-5 (LOS FM)	72/22	18/5
PORTABLE	AS-3567/PSC (LOW)	CROSSED DIPOLE	6.0	240-318	5.0	AN/PSC-5 (LOS AM)	53/16	13/4
PORTABLE	AS-3567/PSC (LOW)	CROSSED DIPOLE	6.0	240-318	18.0	AN/PSC-5 (SATCOM/DAMA)	101/31	25/8

MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11)
HERO ZONES AND ILLUSTRATIONS

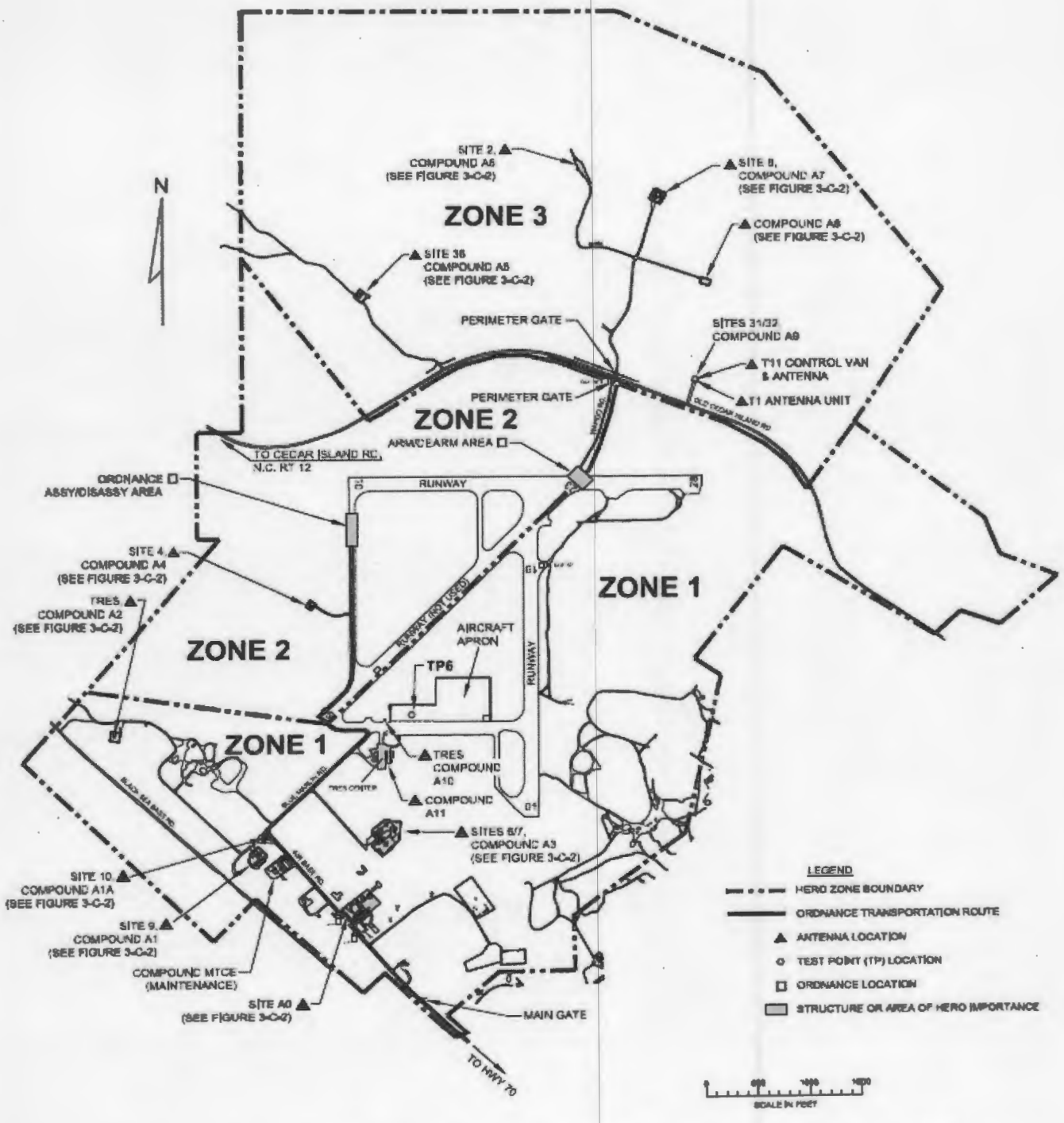
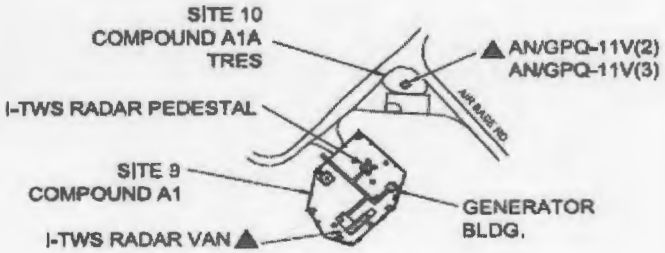
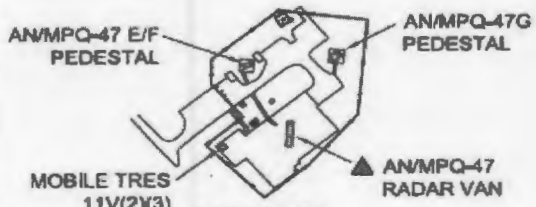


FIGURE 13-1. MCOLF Atlantic Field HERO Zones 1, 2, and 3: Transmitting Antenna, Ordnance, and Test Point (TP) Locations

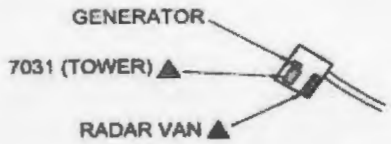
MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11) HERO ZONES AND ILLUSTRATIONS (CONT.)



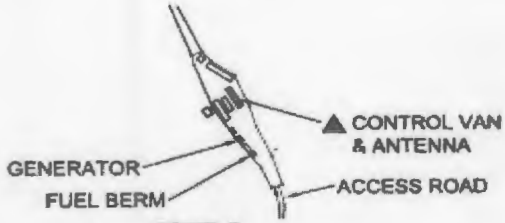
SITES 9 & 10
COMPOUNDS A1 AND A1A



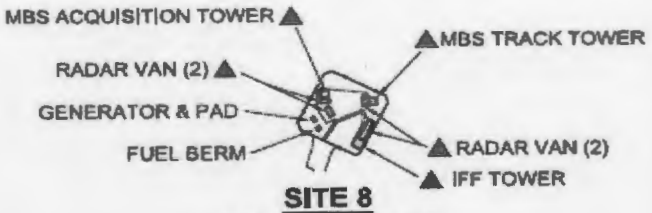
SITES 6/7
COMPOUND A3



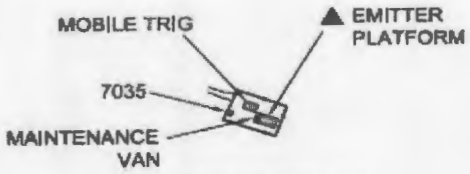
SITE 4
COMPOUND A4



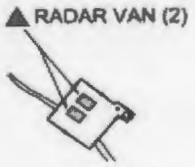
SITE 2
COMPOUND A6



SITE 8
COMPOUND A7



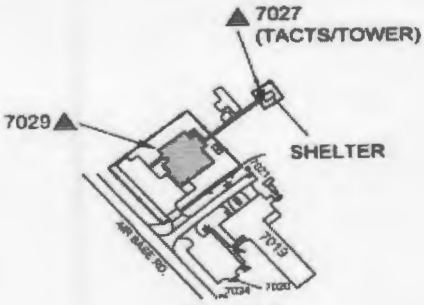
COMPOUND A8



SITE 36
COMPOUND A5



COMPOUND A2
TRES



SITE A0

LEGEND

▲ TRANSMITTING ANTENNA LOCATION

STRUCTURE OR AREA OF HERO IMPORTANCE

FIGURE 13-2. MCOLF Atlantic Field, MAEWR Sites: Transmitting Antenna Locations

MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11) HERO ZONES AND ILLUSTRATIONS (CONT.)

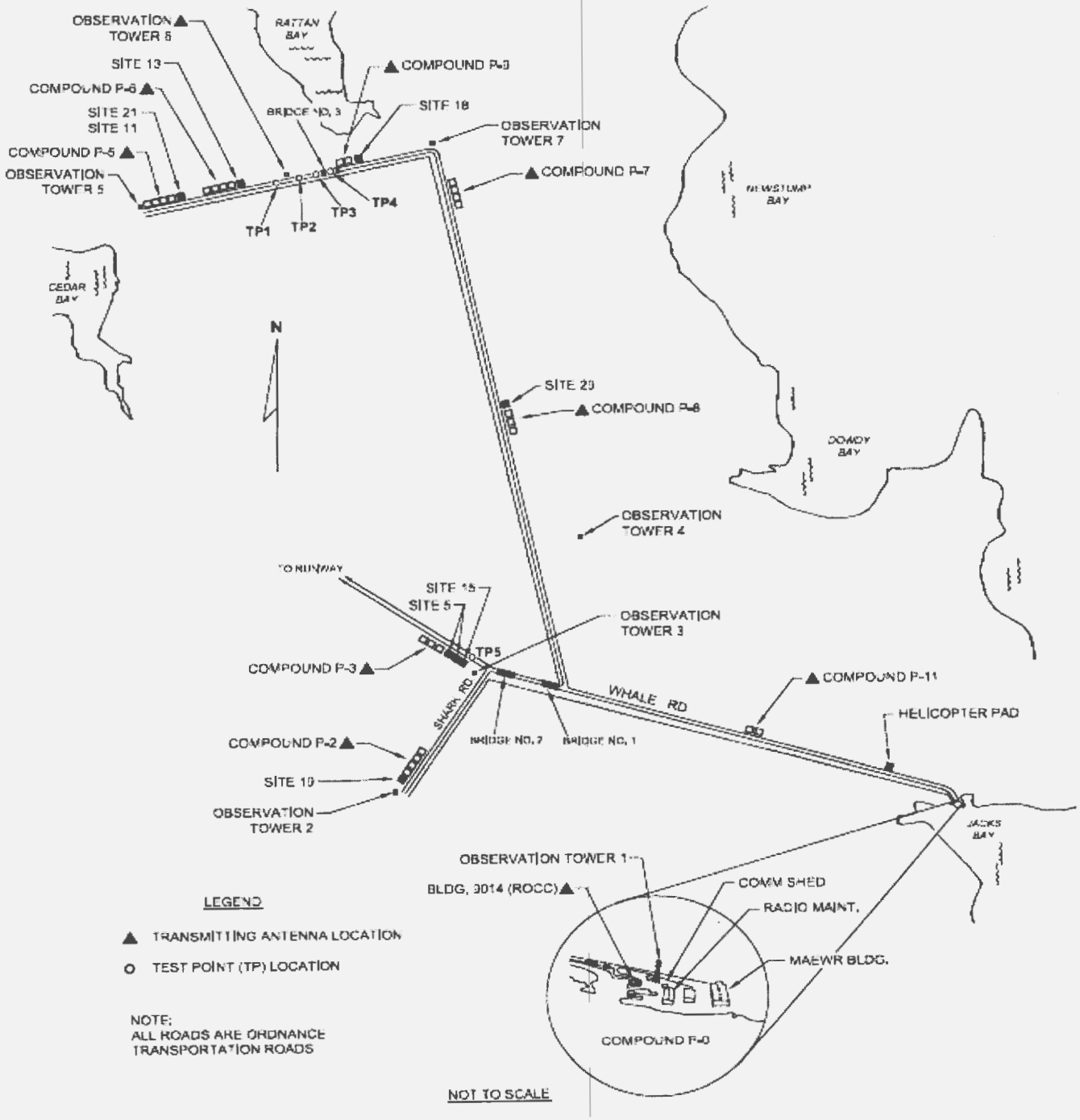


FIGURE 13-3. MCOLF Atlantic, Piney Island (BT-11) Zone 4: Transmitting Antenna and Test Point (TP) Locations

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11)
EME DATA SUMMARY FOR RADAR SYSTEMS

Test Point Number	Test Point Description	System	Frequency (MHz)	EMEs (max.) (V/m)
1	50 FEET FROM TOWER 6 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	FURUNO FAR-2137S ON 35-FOOT PLATFORM	3052	0.6
2	200 FEET FROM TOWER 6 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	FURUNO FAR-2137S ON 35-FOOT PLATFORM	3053	1.3
3	375 FEET FROM TOWER 6 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	FURUNO FAR-2137S ON 35-FOOT PLATFORM	3051	0.3
4	5500 FEET FROM RADAR TOWER SITE 29 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	AN/GPQ-11(V)9 (TRACK) ON 20-FOOT PLATFORM, ANTENNA -6 DEGREES ELEVATION, 345 DEGREES AZIMUTH	8121	<0.1
4	5500 FEET FROM RADAR TOWER SITE 29 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	AN/GPQ-11(V)9 (TRACK) ON 20-FOOT PLATFORM, ANTENNA 0 DEGREES ELEVATION, 345 DEGREES AZIMUTH	8121	<0.1
4	5500 FEET FROM RADAR TOWER SITE 29 AT MCOLF ATLANTIC PINEY ISLAND ON ORDNANCE ROUTE	AN/GPQ-11(V)9 (TRACK) ON 20-FOOT PLATFORM, ANTENNA +5 DEGREES ELEVATION, 345 DEGREES AZIMUTH	8121	<0.1
5	25 FEET FROM RADAR TOWER SITE 5 AT MCOLF ATLANTIC PINEY ISLAND ON ACCESS ROUTE	AN/GPQ-T8 (TRACK) ON 20-FOOT PLATFORM, ANTENNA -20 DEGREES ELEVATION, 0 DEGREES AZIMUTH	CLASSIFIED CLASSIFIED CLASSIFIED	0.5* <0.1* <0.1*

* Denotes data from the facility's October 2007 HERO survey.
< Denotes less than.

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11)
EME DATA SUMMARY FOR RADAR SYSTEMS (CONT.)

Test Point Number	Test Point Description	System	Frequency (MHz)	EMEs (max.) (V/m)
6	200 FEET FROM RADAR TOWER SITE A10 AT MCOLF ATLANTIC ON AIRCRAFT TAXIWAY/APRON	AN/GPQ-11(V)1 (TRACK) PARABOLIC ANTENNA LOCATED ON 15-FOOT PLATFORM. ANTENNA -15 DEGREES ELEVATION, 0 DEGREES AZIMUTH	14700 12649	<0.1* <0.1*

* Denotes data from the facility's October 2007 HERO survey.
< Denotes less than.

MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11)
HERO SUMMARY

NALC General Applications	Ordnance	S4 Phases	Location	HERO CONDITION
All	HERO SAFE ORDNANCE	All S4 phases	All locations	0
All	HERO UNSAFE/UNRELIABLE ORDNANCE	All S4 phases	Zone 1	1
			Zone 2	1
			Zone 3	1
			Zone 4	2
All	HERO SUSCEPTIBLE ORDNANCE	All S4 phases	Zone 1	3
			Zone 2	3
			Zone 3	3
			Zone 4	4

MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11) HERO EMCON PROCEDURES

HERO CONDITION 0

HERO EMCON is not required; all transmitters as listed in enclosure (17) of this Order may be operated. Observe the general HERO requirements outlined in Chapter 7 of reference (b).

HERO CONDITION 1

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zones 1, 2, and 3.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 20 watts or transmitters operating into dummy loads.

• For in-flight aircraft carrying ordnance items directly exposed to the facility's EME, observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (17) of this Order for all stationary transmitters.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (17) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (17) of this Order for that specific mobile or portable emitter.

MCOLF ATLANTIC AND MCOLF ATLANTIC PINEY ISLAND (BT-11) HERO EMCON PROCEDURES (CONT.)

HERO CONDITION 2

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 4.

• Observe the HERO UNSAFE/UNRELIABLE ORDNANCE safe separation distances listed in enclosure (17) of this Order for all mobile and portable transmitters.

• For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene. For single radio use, apply the separation distances cited in enclosure (17) of this Order for that specific mobile or portable emitter.

HERO CONDITION 3

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zones 1, 2, and 3.

• Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 40 watts or transmitters operating into dummy loads.

• Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (17) of this Order for all mobile and portable transmitters.

HERO CONDITION 4

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 4.

• Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (17) of this Order for all mobile and portable transmitters.

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11) COMMUNICATIONS AND RADAR TRANSMITTERS

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
				MCOLF ATLANTIC				
7027 (TACTS TOWER)	TACO D2217	MULDIPOL	1.0	225-400	50.0	AN/GRC-171(V)1 (FM)	101/31	25/8
7027 (TACTS TOWER)	TACO D2217	MULDIPOL	1.0	225-400	20.0	AN/GRC-171(V)1 (AM)	64/20	16/5
7027 (TACTS TOWER)	TACO D2212	MULDIPOL	1.0	116-150	25.0	AN/GRC-211	139/42	35/11
7029 (COMPOUND A0)	WHIP	WHIP	2.1	136-137	45.0	MOTOROLA CDM1250 (VHF) (HIGH POWER)	180/55	45/14
7029 (COMPOUND A0)	WHIP	WHIP	2.1	136-137	25.0	MOTOROLA CDM1250 (VHF) (LOW POWER)	135/41	34/10
7029 (COMPOUND A0)	N/A	OMNI	0.0	250-3000	50.0	FURY	81/25	20/6
COMPOUND A1 (SITE 9)	I-TWS	PARABOLIC	40.0	9250	158.5	I-TWS (TRACK)	391/119	98/30
COMPOUND A1 (SITE 9)	I-TWS	PARABOLIC	22.0	1063	16	I-TWS (MISSILE)	136/41	34/10
COMPOUND A1A (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
COMPOUND A1A (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
COMPOUND A1A (TRES)	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41
COMPOUND A1A (TRES)	AN/GPQ-11(V)3	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)3 (MISSILE)	293/89	73/22
7030 COMPOUND A2 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
7030 COMPOUND A2 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
COMPOUND A2 (TRES)	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41
7030 COMPOUND A2 (TRES)	AN/GPQ-11(V)12	PARABOLIC	39.0	8500-9600	250.0	AN/GPQ-11(V)12 (TRACK)	476/145	119/36
7030 COMPOUND A2 (TRES)	AN/GPQ-11(V)12	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)12 (MISSILE)	293/89	73/22
COMPOUND A3 (SITE 6)	WHIP	WHIP	2.1	2-30	500.0	MICOM 500E	1025/313	256/78
COMPOUND A3 (SITE 6)	AN/MPQ-47E/F	PARABOLIC	CLASSIFIED	CLASSIFIED	400	AN/MPQ-47E/F (TRACK)	537/164	134/41
COMPOUND A3 (SITE 6)	AN/MPQ-47E/F	PARABOLIC	CLASSIFIED	CLASSIFIED	120	AN/MPQ-47E/F (MISSILE)	361/110	90/27
COMPOUND A3 (SITE 7)	AN/MPQ-47G	PARABOLIC	CLASSIFIED	CLASSIFIED	120	AN/MPQ-47G (MISSILE)	13395/4084	3348/1021
COMPOUND A3 (SITE 7)	AN/MPQ-47G	PARABOLIC	CLASSIFIED	CLASSIFIED	400	AN/MPQ-47G (TRACK)	653/199	163/50
7031 COMPOUND A4 (SITE 4)	AN/GPQ-T8-01	PARABOLIC	CLASSIFIED	CLASSIFIED	98	AN/GPQ-T8-01 (TRACK)	250/76	62/19
7031 COMPOUND A4 (SITE 4)	AN/GPQ-T8-01	PARABOLIC	CLASSIFIED	CLASSIFIED	203	AN/GPQ-T8-01 (TRACK)	173/53	43/13
7031 COMPOUND A4 (SITE 4)	AN/GPQ-T8-01	PARABOLIC	CLASSIFIED	CLASSIFIED	4	AN/GPQ-T8-01 (TRACK)	10/3	10/3
7031 COMPOUND A4 (SITE 4)	AN/GPQ-T8-01	PARABOLIC	CLASSIFIED	CLASSIFIED	9	AN/GPQ-T8 (TRACK)	10/3	10/3

N/A = Not assigned

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11)
COMMUNICATIONS AND RADAR TRANSMITTERS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MCOLF ATLANTIC (CONT.)								
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)6	PARABOLIC	38.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	155/47	39/12
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)6	PARABOLIC	38.0	16000-17000	6.9	AN/GPQ-11(V)6 (MISSILE)	37/11	10/3
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)9	PARABOLIC	39.0	8121	12589.3	AN/GPQ-11(V)9 (TRACK)	3538/1079	884/270
7032 COMPOUND A5 (SITE 36)	AN/GPQ-11(V)9	PARABOLIC	39.0	6982	2511.9	AN/GPQ-11(V)9 (MISSILE)	1838/560	459/140
7032 COMPOUND A5 (SITE 36)	AN/MPQ-50(P)	PARABOLIC	CLASSIFIED	CLASSIFIED	1080.0	AN/MPQ-50(P)	1505/459	376/115
7032 COMPOUND A5 (SITE 36)	AN/MPQ-61	PARABOLIC	CLASSIFIED	CLASSIFIED	2000.0	AN/MPQ-61	910/277	227/69
7034 COMPOUND A6 (SITE 2)	MTE	PARABOLIC	44.0	15000	120.2	MTE (TRACK)	333/101	83/25
COMPOUND A7 (SITE 8)	MBS	PARABOLIC	33.0	4900	751.6	MBS (ACQUISITION)	718/219	179/55
COMPOUND A7 (SITE 8)	MBS	PARABOLIC	33.0	6982	511.7	MBS (MISSILE)	416/127	104/32
COMPOUND A7 (SITE 8)	MBS	PARABOLIC	26.0	6750	631	MBS (ACQUISITION)	213/65	53/16
COMPOUND A7 (SITE 8)	MBS	PARABOLIC	30.0	7860	346.7	MBS (TRACK)	215/66	54/16
7035 COMPOUND A8 (TRTG)	AN/MPQ-57	PARABOLIC	CLASSIFIED	CLASSIFEID	1080	AN/MPQ-57	1505/459	376/115
7035 COMPOUND A8 (TRTG)	TRTG	PARABOLIC	31.0	14600-15200	50.1	TRTG (TRACK)	49/15	12/4
7035 COMPOUND A8 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
7035 COMPOUND A8 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
7035 COMPOUND A8 (TRES)	AN/GPQ-11(V)10	PARABOLIC	41.0	13700	125.9	AN/GPQ-11(V)10 (TRACK)	264/80	66/20
7035 COMPOUND A8 (TRES)	AN/GPQ-11(V)10	PARABOLIC	41.0	13700	125.9	AN/GPQ-11(V)10 (MISSILE)	264/80	66/20
COMPOUND A9 (SITE 31)	AN/TPS-11	PARABOLIC	43.0	6200-7000	800	AN/TPS-11	1851/564	463/140
COMPOUND A9 (SITE 32)	AN/MSQ-T11	PARABOLIC	CLASSIFIED	CLASSIFIED	CLASSIFIED	AN/MSQ-T11	1842/562	460/140
COMPOUND A10 (TRES)	AN/GPQ-11(V)1	PARABOLIC	41.0	14500-15200	158.5	AN/GPQ-11(V)1 (TRACK)	280/85	70/21
COMPOUND A10 (TRES)	AN/GPQ-11(V)1	PARABOLIC	39.0	12600-13300	0.00037	AN/GPQ-11(V)1 (MISSILE)	10/3	10/3
COMPOUND A11 (TRAILER)	N/A	HORN	20.0	6800-10300	1500	AN/UPQ-8	164/50	41/12
COMPOUND A11 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
COMPOUND A11 (TRES)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
COMPOUND A11 (TRES)	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41

N/A = Not assigned

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11) COMMUNICATIONS AND RADAR TRANSMITTERS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MCOLF ATLANTIC (CONT.)								
COMPOUND A11 (TRES)	AN/GPQ-11(V)3	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)3 (MISSILE)	293/89	73/22
MOBILE	AN/GPQ-11(V)13	PARABOLIC	37.0	6900-7400	600.0	AN/GPQ-11(V)13	722/220	180/55
MEWROC VAN	JAMMER	OMNI	0.0	0.250-3000	50	FURY	32/10	10/3
RADIO ISLAND (OFF BASE)	WHIP	WHIP	2.1	2-30	500.0	MICOM 500E	1025/313	256/78
MCOLF ATLANTIC PINEY ISLAND (BT-11)								
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	225-400	50.0	AN/URC-200 (UHF) (WITH UPA-50)	115/35	29/9
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	225-400	10.0	AN/URC-200 (UHF) (FM/AM HIGH POWER)	51/16	13/4
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	225-400	5.0	AN/URC-200 (UHF) (FM MEDIUM/AM LOW)	36/11	10/3
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	225-400	0.10	AN/URC-200 (UHF) (FM LOW)	10/3	10/3
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	TACO D2212	MULDIPOL	1.0	116-150	50.0	AN/GRT-21 (WITH AM-6154 AMP.)	197/60	49/15
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	TACO D2212	MULDIPOL	1.0	116-150	10.0	AN/GRT-21 (VHF)	88/27	22/7
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	132-174	125.0	MOTOROLA QUANTAR STATION/REPEATER (132-174 MHZ)	310/94	77/24
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	WHIP	WHIP	2.1	132-174	250.0	MOTOROLA QUANTAR STATION/REPEATER (132-174 MHZ)	139/42	35/11
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	FURUNO XN-24AF	SLOTTED ARRAY	30.5	9380-9440	1.84	RAYTHEON R20XX (4, 8, 16, 24 NM)	14/4	10/3
9014 COMPOUND P-0 RANGE OPERATION CONTROL CENTER	FURUNO XN-24AF	SLOTTED ARRAY	30.5	9380-9440	0.44	RAYTHEON R20XX (0.25, 0.5, 1, 2 NM)	10/3	10/3
9024 COMPOUND P-6 (TOWER 6)	FURUNO SN-7AF	SLOTTED ARRAY	27.5	3020-3080	63.0	FURUNO FAR-2137S (3 NM)	179/55	45/14

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11) COMMUNICATIONS AND RADAR TRANSMITTERS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MCOLF ATLANTIC PINEY ISLAND (BT-11) (CONT.)								
9024 COMPOUND P-6 (TOWER 6)	FURUNO SN-7AF	SLOTTED ARRAY	27.5	3020-3080	54.0	FURUNO FAR-2137S (6 NM)	166/51	41/13
9024 COMPOUND P-6 (TOWER 6)	FURUNO SN-7AF	SLOTTED ARRAY	27.5	3020-3080	36.0	FURUNO FAR-2137S (24 NM)	135/41	34/10
9024 COMPOUND P-6 (TOWER 6)	FURUNO SN-7AF	SLOTTED ARRAY	27.5	3020-3080	21.6	FURUNO FAR-2137S (48 NM)	105/32	26/8
9073 COMPOUND P-11 (TOWER 11)	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
9073 COMPOUND P-11 (TOWER 11)	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
9074 COMPOUND P-11 (TOWER 11)	AN/GPQ-11(V)6	PARABOLIC	38.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	155/47	39/12
9074 COMPOUND P-11 (TOWER 11)	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
9076 COMPOUND P-2 (SITE 19)	AN/GPQ-11(V)1	PARABOLIC	41.0	14500-15200	158.5	AN/GPQ-11(V)1 (TRACK)	280/85	70/21
9076 COMPOUND P-2 (SITE 19)	AN/GPQ-11(V)1	PARABOLIC	39.0	12600-13300	0.00037	AN/GPQ-11(V)1 (MISSILE)	10/3	10/3
9076 COMPOUND P-2 (SITE 19)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
9076 COMPOUND P-2 (SITE 19)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
9076 COMPOUND P-2 (SITE 19)	AN/GPQ-11(V)10	PARABOLIC	41.0	13700	91.2	AN/GPQ-11(V)10 (TRACK)	225/69	56/17
9082 COMPOUND P-3 (SITE 5)	AN/GPQ-T8	PARABOLIC	CLASSIFIED	CLASSIFIED	1048	AN/GPQ-T8 (TRACK)	820/250	205/63
9082 COMPOUND P-3 (SITE 5)	AN/GPQ-T8	PARABOLIC	CLASSIFIED	CLASSIFIED	98	AN/GPQ-T8 (TRACK)	250/76	62/19
9082 COMPOUND P-3 (SITE 5)	AN/GPQ-T8	PARABOLIC	CLASSIFIED	CLASSIFIED	203	AN/GPQ-T8 (TRACK)	173/53	43/13
9082 COMPOUND P-3 (SITE 5)	AN/GPQ-T8	PARABOLIC	CLASSIFIED	CLASSIFIED	4	AN/GPQ-T8 (TRACK)	10/3	10/3
9083 COMPOUND P-2 (SITE 15)	AN/GPQ-11(V)10	PARABOLIC	41.0	13700	91.2	AN/GPQ-11(V)10 (TRACK)	225/69	56/17
9084 COMPOUND P-3	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
9088 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
9088 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)3	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)3 (MISSILE)	293/89	73/22
9089 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41
9089 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
9090 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)9	PARABOLIC	39.0	8121	12589.3	AN/GPQ-11(V)9 (TRACK)	3538/1079	884/270
9090 COMPOUND P-8 (SITE 29)	AN/GPQ-11(V)9	PARABOLIC	39.0	6982	2511.9	AN/GPQ-11(V)9 (MISSILE)	1838/560	459/140
9092 COMPOUND P-7	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
9092 COMPOUND P-7	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
9094 COMPOUND P-7	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41

MCOLF ATLANTIC AND ATLANTIC PINEY ISLAND (BT-11) COMMUNICATIONS AND RADAR TRANSMITTERS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances: HERO UNSAFE/ UNRELIABLE ORDNANCE (feet/meters)	Separation Distances: HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MCOLF ATLANTIC PINEY ISLAND (BT-11) (CONT.)								
9095 COMPOUND P-7	AN/GPQ-11(V)3	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)3 (MISSILE)	293/89	73/22
9097 COMPOUND P-9 (SITE 18)	AN/GPQ-11(V)1	PARABOLIC	41.0	14500-15200	158.5	AN/GPQ-11(V)1 (TRACK)	280/85	70/21
9097 COMPOUND P-9 (SITE 18)	AN/GPQ-11(V)1	PARABOLIC	39.0	12600-13300	0.00037	AN/GPQ-11(V)1 (MISSILE)	10/3	10/3
9098 COMPOUND P-9 (SITE 18)	AN/GPQ-11(V)9	PARABOLIC	39.0	8121	12589.3	AN/GPQ-11(V)9 (TRACK)	3538/1079	884/270
9098 COMPOUND P-9 (SITE 18)	AN/GPQ-11(V)9	PARABOLIC	39.0	6982	2511.9	AN/GPQ-11(V)9 (MISSILE)	1838/560	459/140
9099 COMPOUND P-9 (SITE 18)	AN/GPQ-11(V)10	PARABOLIC	41.0	13700	91.2	AN/GPQ-11(V)10 (TRACK)	225/69	56/17
9102 COMPOUND P-5 (SITE 21)	AN/GPQ-11(V)9	PARABOLIC	39.0	8121	12589.3	AN/GPQ-11(V)9 (TRACK)	3538/1079	884/270
9102 COMPOUND P-5 (SITE 21)	AN/GPQ-11(V)9	PARABOLIC	39.0	6982	2511.9	AN/GPQ-11(V)9 (MISSILE)	1838/560	459/140
9102 COMPOUND P-5 (SITE 11)	AN/GPQ-11(V)3	PARABOLIC	40.0	8500-9600	251.2	AN/GPQ-11(V)3 (TRACK)	536/163	134/41
9102 COMPOUND P-5 (SITE 11)	AN/GPQ-11(V)3	PARABOLIC	30.0	1000-1100	10.4	AN/GPQ-11(V)3 (MISSILE)	293/89	73/22
9104 COMPOUND P-6 (SITE 13)	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
9104 COMPOUND P-6 (SITE 13)	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
9105 COMPOUND P-6 (SITE 13)	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
9105 COMPOUND P-6 (SITE 13)	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
MOBILE	WHIP	WHIP	2.1	136-174	50.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF) (50 WATT)	190/58	48/14
MOBILE	WHIP	WHIP	2.1	136-174	25.0	MOTOROLA ASTRO DIGITAL PLUS CONSOLETTE (VHF) (25 WATT)	135/41	34/10
MOBILE	AN/GPQ-11(V)2	PARABOLIC	39.0	7810-8500	199.5	AN/GPQ-11(V)2 (TRACK)	463/141	116/35
MOBILE	AN/GPQ-11(V)2	PARABOLIC	39.0	6970-6990	1035.1	AN/GPQ-11(V)2 (MISSILE)	1182/360	295/90
MOBILE	AN/GPQ-11(V)6	PARABOLIC	40.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	196/60	49/15
MOBILE	AN/GPQ-11(V)6	PARABOLIC	38.0	8000-9600	6.9	AN/GPQ-11(V)6 (MISSILE)	75/23	19/6
MOBILE	AN/GPQ-11(V)6	PARABOLIC	38.0	16000-17000	118.6	AN/GPQ-11(V)6 (TRACK)	155/47	39/12
MOBILE	AN/GPQ-11(V)6	PARABOLIC	38.0	16000-17000	6.9	AN/GPQ-11(V)6 (MISSILE)	37/11	10/3
PORTABLE	STUB (GENERIC)	STUB	0.9	225-399.975	1.0	DITTEL FSG7016	14/4	10/3
PORTABLE	STUB (GENERIC)	STUB	0.9	150-158	25.0	MOTOROLA MX-300R	106/32	27/8

ORDNANCE NOMENCLATURE AND HERO CLASSIFICATION

A	Bombs, Components, and Countermeasures
AAC	Antiaircraft, Common
A/C, ACFT	Aircraft
AC	Aircraft, Common
AD, ADF	Auxiliary Detonating Fuze
AGM	Air-surface attack missile
AIM	Air Intercept-aerial Missile
AN/ALE	Army/Navy - Air-Launched, Expendable
ANTI-PERS, APERS	Antipersonnel
APDS	Armor Piercing, Discarding
APERS	Antipersonnel
API	Armor-Piercing Incendiary
APT	Armor-Piercing Tracer
ASSY, AY	Assembly
ATM	Air Training Missile
AUR	All-Up Round
AV	Attack fighter aircraft
B	Military pyrotechnics
BBU	Explosive item unit
BCU	Battery Cooling Unit
BDU	Simulated bomb
BLP	Blind-Loaded and Plugged
BSU	Munitions stabilizing and retarding device units
C	Military Chemicals
CAL	Caliber
CBU	Cluster Bomb Unit
CCG	Computer Control Group
CCU	Actuator cartridge
CH	Channel
CHG	Charge
Class	Classification
CNTR	Container
CNU	Shipping and storage container
C/O	Consist(s) of
CO.	Company
COMB	Combination
COMP	Composition
CP	Case-Percussion
CS	Tear gas
CS-1	Tear gas (super)
CTG	Cartridge

CVT	Controlled Variable Time Fuze
D	Underwater sound signals, sonobuoys, and components
DBL	Double
DEA	Drug Enforcement Agency
DEMO	Demolition
DET	Detonator
DICASS	Direction Command Active Sonobuoy System
DODIC	Department of Defense Identification Code
DP	Dual-Purpose
DWG	Drawing
E	Demolition explosives and materials
EA	Each
EOD	Explosive Ordnance Disposal
ERDL	Extended Range Data Link
F/	For
FCDC	Flexible, Confined Detonating Cord
FL	Flashless
FLU	Flotation Unit
FMLY	Formerly
FMU	Fuze Munition Unit
FRAG	Fragmentation
FREQ	Frequency
FT	Feet
FWD	Forward
FZ	Fuze
G	Underwater Mines and Components
GA	Gauge
GAU	Gun Aircraft Unit
GN, GR	Grain
GP	General-Purpose
GRAN	Granular
GW	Guided Weapon
H	Cartridges and Cartridge-Actuated Devices
HARM	High-speed Anti-Radiation Missile
HC	High Capacity
HE	High Explosive
HEDP	High Explosive Detonating Point
HEI	High Explosive, Incendiary
HERO	Hazards of Electromagnetic Radiation to Ordnance
HOW	Howitzer
HR	Hour
I, INC	Incendiary
IGN, INGR	Ignition, Igniter
ILLUM	Illuminating
IN	Inch

IR	Infrared
J	Aircraft rockets and components
JAU	Initiator, cartridge-actuated
L	Marine Corps ammunition
LAU	Aircraft-installed launcher
LB	Pound
LDD	Loaded
M	TOMAHAWK Cruise Missile and Components
MAU	Miscellaneous Armament Unit
MBEU	Multiple Bomb Ejection Unit
MDP	Miniature Double Plug
MECH	Mechanical
MG	Machine Gun
MIN	Minute
MK	Mark
MM	Millimeter
MOD	Model/Modification
MSL	Missile
MTL, METI	Metal
MTR	Motor
MXU	Miscellaneous units
NALC	Navy Ammunition Logistic Code
NATO	North Atlantic Treaty Organization
NAVAIR	Naval Air Systems Command
NAVSEA	Naval Sea Systems Command
NO	Number
NON-ELECT	Non-Electric
NON FRAG	Non-Fragmentation
O	Miscellaneous Ammunition Components and Containers
OA	Operational Assembly
OP	Ordnance Publication
OZ	Ounce
P	Small Arms and landing-force ammunition
PD, PDF	Point-Detonating Fuze
PGU	Programmer unit
PIBD	Point-Initiating, Base Detonating
P/N	Part Number
PRAC	Practice
PROJ	Projectile
PROP	Propellant
Q	Gun ammunition, 20 mm to 4-inch
R	Gun ammunition, over 4-inch
RBOC	Rapid Blooming Off-board Chaff
RD	Round
REF	Reference

REQ.	Requirement
RF	Rapid-Fire
RKT	Rocket
RR	Radar Reflector
S	Torpedoes and components
SEC	Second
SF	Slow-Fire
SMAW	Shoulder-Mounted Antitank Weapon
SMDC	Shielded, Mild Detonating Cord
SMK	Smoke
SQ	Super-Quick
STL	Steel
SUS	Signal Underwater Sound
SUSP	Suspension
SUU	Suspension and release unit
SWU	Switch Unit
T	Surface-launched Guided Missiles and Components
T, TR	Tracer
TACT	Tactical
TNT	Trinitrotoluene
TOW	Tube-launched, Optically tracked, Wire-guided
TP	Target Practice
TRNR	Trainer
UK	United Kingdom
V	Air-launched guided missiles and components
VT	Variable Time Fuze
W/	With
WAFFAR	Wrap-Around, Folding-Fin Aircraft Rocket
W/O	Without
WP	White Phosphorus
WTU	Warhead Training Unit
WX	Weather
WX PROOF	Weatherproof
Y	Countermeasures and decoys

DODIC	Nomenclature	Platform	HERO Class
1W13	GUIDED MISSILE, SIDEWINDER, AIR TRAINING, DUMMY, DATM-9L-2, C/O AN/DSQ-29-T1, TMU-72/B, DSU-15(T-1)/B OR DSU-15A(T-1)/B, MK 70 MOD 1, MK 57 MODS 1/2/3 PKG 4 PER CNU-310/E CNTR		NO REQUIREMENT
1W18	EXPLOSIVE SEPARATOR	CH-53E	SUSCEPTIBLE
1W18	EXPLOSIVE SEPARATOR	MH-53E	SAFE
1W73	RETARDER, INFLATABLE, AIR, BSU-85/B F/MK 83 BOMB, PKG 1/CNU-419/E CNTR PKG 6 PER PLT IAW MIL-STD-1323-320		NO REQUIREMENT
2W59	GUIDED MISSILE, HELLFIRE, DUMMMY, M34 FOR AH-1J, AH-1T AND AH-1W HELICOPTERS, PKG CLASS A PACKAGING IAW MIL-P-14232		NO REQUIREMENT
2W90	GUIDED MISSILE, LOAD DRILL TRAINING MISSILE		NO REQUIREMENT
3W37	CHAFF, COUNTERMEASURES RR-188/AL F/AN/ALE-40 DISPENSER		NO REQUIREMENT
3W78	DECOY, AIR LAUNCHED, TACTICAL, RF VEHICLE, A/B37U-1(V)2, W/WINGS AND FINS AND LANYARD BRIDLE, ELECTRICAL CABLE ASSY ADAPTER. PKG 2 PER CNU-436/E, SHIPPING AND STORAGE CNTR	F/A-18	SAFE
3W78	DECOY, AIR LAUNCHED, TACTICAL, RF VEHICLE, A/B37U-1(V)2, W/WINGS AND FINS AND LANYARD BRIDLE, ELECTRICAL CABLE ASSY ADAPTER. PKG 2 PER CNU-436/E, SHIPPING AND STORAGE CNTR	F/A-18	SUSCEPTIBLE
3W79	DECOY, AIR LAUNCHED, TACTICAL, CHAFF VEHICLE, A/B37U-1(V)1, W/WINGS AND FINS AND LANYARD BRIDLE, ELECTRICAL CABLE ASSY ADAPTER. PKG 2 PER CNU-436/E, SHIPPING AND STORAGE CNTR	F/A-18	SAFE
3W79	DECOY, AIR LAUNCHED, TACT, A/B37U-1(V)1, CHAFF VEHICLE, W/WINGS AND FINS AND LANYARD BRIDLE	F/A-18	SUSCEPTIBLE
4W23	CORD, DETONATING, SET C/O 43 SMDC USED IN THE INTERSEAT SEQUENCING SYS OF THE TAV-8B ACFT, DOD CODES 1377-SU01 THRU SU43 PKG 1/WOOD CRATE		NO REQUIREMENT
4W24	CORD, DETONATING, SET C/O 4 MDC USED IN THE CANOPY FRACTURING SYS OF THE TAV-8B ACFT, DOD CODES 1377-SU46 THRU SU49 PKG 1 SE/WOODEN CRATE		NO REQUIREMENT
4W38	DECOY, AIR LAUNCHED, TRAINING, RF VEHICLE, INERT, A/B37U-1(V)2, W/WINGS AND FINS AND LANYARD BRIDLE, ELECTRICAL CABLE ASSY ADAPTER. PKG 2 PER CNU-436/E CNTR		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
4W38	DECOY, AIR LAUNCHED, TRAINING, RF VEHICLE, A/B37U-1(V)2, W/WINGS AND FINS		SUSCEPTIBLE
5W47	LANYARD, BREAKAWAY U/W FLARE, AIRCRAFT LUU-2		NO REQUIREMENT
6W01	ARMING WIRE COMPOSITE F/MK 83 G.P. BOMBS; C/O 1 MK 9-0 ARMING WIRE ASSY57.75 IN LG, 1 SAFETY CLIP, 1 SWIVEL AND RING ASSY AND 1 FERRULE; MK 9-0 ARMING WIRE ASSY, SAFETY CLIP AND FERRULE PRE-ASSEMBLED; PKG 50 EA/CNU-410/E CNTR		NO REQUIREMENT
7W79	LUU-2 TIMER GUARD ASSEMBLY CONTAINS 1 INSTRUCTION SHEET, 12 HOSE CLAMPS, AND 12 TIMER GUARD ASSEMBLIES PER FIBERBOARD BOX, F/FLARE LUU-2B/B		NO REQUIREMENT
A011	CARTRIDGE, 12 GAUGE SHOTGUN, NO. 00 BUCKSHOT		NO REQUIREMENT
A011	CARTRIDGE, 12 GAUGE SHOTGUN, NO. 00 BUCKSHOT XM162	MAN	NO REQUIREMENT
A011	CTG., 12 GA SHOTGUN, NO.00 BUCKSHOT, M19	MAN	NO REQUIREMENT
A014	CARTRIDGE, 12 GAUGE SHOTGUN, NO. 7 1/2 SHOT		NO REQUIREMENT
A017	CARTRIDGE, 12 GAUGE SHOTGUN, NO. 9 SHOT	MAN	NO REQUIREMENT
A023	CARTRIDGE, 12 GAUGE SHOTGUN, 1 OZ SLUG LOADED, W/PLASTIC CASE NSN 1305-01-282-1256 P/N X12RS15 (2T COG CLASS X) NSN 1305-01-386-5604 P/N 6552019		NO REQUIREMENT
A024	CARTRIDGE, MK 246 MOD 0, 12 GAUGE SHOTGUN LOCKBUSTER, MOD LBC .05 LBS POWDERED METAL FILLER, IN MTL BOX NSN 1305-01-431-5624 P/N 7232080 NSN 1305-01-282-1257 P/N LB-C		NO REQUIREMENT
A059	CARTRIDGE, 5.56 MM, BALL, M855, CLIPPED, (ALL M855 CARTRIDGES IDENTIFIED BY GREEN BULLET TIP) NSN 1305-01-155-5459 P/N 9354626 OR 9342868 OR 9342867 NSN 1305-01-155-5462 P/N 9357724		NO REQUIREMENT
A060	DUMMY CARTRIDGE, 5.56 MM, M199, SINGLE RD		NO REQUIREMENT
A063	CARTRIDGE, 5.56 MM, TRACER, M856, (ALL M856 CARTRIDGES ARE IDENTIFIED BY AN ORANGE TIP)		NO REQUIREMENT
A064	CARTRIDGE, 5.56 MM, LINKED W/M27 LINKS, 4-BALL M855 TO 1 TRACER M856 NSN 1305-01-131-5246 P/N 9349300 NSN 1305-01-156-7584 P/N 9354587 NSN 1305-01-252-0153 P/N 9342863 OR 9342862 OR 12597656		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
A075	CARTRIDGE 5.56 MM, BLANK, LINKED, W/M27 LINKS		NO REQUIREMENT
A080	CARTRIDGE, 5.56 MM, BLANK, XM200 OR M200 SERIES, SINGLE ROUND		NO REQUIREMENT
A086	CARTRIDGE, CAL .22, BALL, LONG RIFLE NSN 1305-00-819-6017 P/N 11820430		NO REQUIREMENT
A106	CARTRIDGE, CALIBER .22 BALL LONG RIFLE PKG: 5000 CTG/FBRBD BX (LEVEL B PACK)		NO REQUIREMENT
A111	CARTRIDGE, 7.62 MM, BLANK M82, NATO, LINKED FOR M60 MG NSN 1305-01-181-1750 P/N 9381581		NO REQUIREMENT
A131	CARTRIDGE, 7.62 MM, BALL M59 OR M80 AND TRACER M62 LINKED W/M13 LINK, 4 TO 1 RATIO, F/M60 AND M73 MG NSN 1305-00-005-8007 P/N 8595543 OR 7553705		NO REQUIREMENT
A135	DUMMY CARTRIDGE, 7.62 MM, M63, SINGLE RD		NO REQUIREMENT
A165	CARTRIDGE, 7.62 MM LINKED 4 BALL M80, 1 TR M62 F/MG MINI GAU-2B/A PKG 750/BELT M13, 2 BELT 1500 CTG/METAL BOX M548		NO REQUIREMENT
A168	CARTRIDGE, 7.62 MM LINKED, BALL M80, TRACER M62 F/MG MINI M134 PKG 750/BELT M13, 2 BELT 1500 CTG/METAL BOX M548		NO REQUIREMENT
A255	CARTRIDGE, 7.62 MM LINKED M13 4 BALL M80 (FS), 1 DIM TR M276 PKG 100/BELT, 1 BELT/BANDOLEER M4. 2 BANDOLEERS/ METAL BX M19A1 4 METAL BOX/WRBND BOX		NO REQUIREMENT
A260	CARTRIDGE, 9 MM, SUBSONIC, JACKETED HOLLOW POINT		NO REQUIREMENT
A359	DUMMY CARTRIDGE, 9 MM, M917		NO REQUIREMENT
A363	CARTRIDGE, 9 MM BALL, M882 NSN 1305-01-467-5408 P/N 9345211		NO REQUIREMENT
A363	CARTRIDGE, 9 MM BALL, M882 PACKAGED 50 PER CARDBOARD BOX, 20 BOXES PER M2A1 METAL BOX, 2 M2A1 BOXES PER WIREBOUND BOX		NO REQUIREMENT
A475	CARTRIDGE, CAL .45, BALL, M1911, GRADE 1		NO REQUIREMENT
A477	CARTRIDGE, CAL .45, LINE THROWING 1305-00-542-0015		NO REQUIREMENT
A483	CARTRIDGE, CAL .45, BALL, M1911, MATCH GRADE		NO REQUIREMENT
A555	CARTRIDGE CAL .50 BALL M33, LINKED W/M9 LINKS (USMC)		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
A557	CARTRIDGE, CAL .50, LINKED, BALL AND TRACER NSN 1305-00-540-1056 P/N 7672165 OR 5577960 NSN 1305-01-370-2594 P/N 12960791		NO REQUIREMENT
A576	CARTRIDGE, CAL .50, LINKED, LINK M2, 4-API M8/1-API-T M20, 105 IN M2A1 METAL BOX, 2 M2A1 BOXES PER WIREBOUND BOX		NO REQUIREMENT
A598	CARTRIDGE, CAL .50 BLANK, M1A1, LINKED W/M9 LINKS NSN 1305-01-078-4879 P/N 9329735		NO REQUIREMENT
A606	CARTRIDGE, CALIBER .50 MK 211 MOD 0, API, SINGLE ROUNDS FOR SNIPER RIFLE		NO REQUIREMENT
A652	CARTRIDGE, 20 MM TARGET PRACTICE-TRACER M220 (LINK PACK)		SUSCEPTIBLE
A659	CTG., 20MM, A/C HEI-T, M242, F/GUN M39, M61, M197		SUSCEPTIBLE
A659	CARTRIDGE,20 MILLIMETER HEI, M56A4		SUSCEPTIBLE
A659	CTG., 20MM, A/C HEI-T, M242, F/GUN M197	AH-1	SUSCEPTIBLE
A659	CTG., 20MM, A/C HEI-T, M242, F/GUN M197	AH-1Z	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56, F/GUN M197	AH-1	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56A3, F/GUN M197	AH-1	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56A3, W/FUZE M505A3, F/GUN M197	AH-1	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56, F/GUN M197	AH-1Z	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56A3, F/GUN M197	AH-1Z	SUSCEPTIBLE
A890	CARTRIDGE, 20 MM A/C, HEI, M56A3, W/FUZE M505A3, F/GUN M197	AH-1Z	SUSCEPTIBLE
A919	CTG., 20 MM, A/C LINKED, HEI M56A3, W/M14 LINK, F/GUN M61		SUSCEPTIBLE
A919	CTG., 20 MM, A/C LINKED, HEI M56A3, W/M14 LINK, F/GUN M197	AH-1	SUSCEPTIBLE
A919	CTG., 20 MM, A/C LINKED, HEI M56A3, W/M14 LINK, F/GUN M197	AH-1Z	SUSCEPTIBLE
A924	DUMMY CARTRIDGE, 20 MM A/C, M51A3		NO REQUIREMENT
A968	DUMMY CARTRIDGE 25 MM, PGU-24/U, F/GUN GAU-12 W/O TRACER SINGLE ROUND, 80 RDS PER CNU-405/E CONTAINER NSN 1305-01-265-6660 P/N 1397AS400		NO REQUIREMENT
A978	CARTRIDGE, 25 MM PRACTICE PGU-23/U W/O TRACER F/GUN GAU-12 SINGLE ROUND NSN 1305-01-250-0101 P/N 1397AS390 80 RDS PER CNU-405/E		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
A982	CARTRIDGE, 25 MM PGU-25/U, HEI F/GUN GAU-12, SINGLE RD NSN 1305-01-270-2318 P/N 1397AS590 NSN 1305-01-250-0100 P/N 1397AS590 80 RDS PER CNU-405/E		NO REQUIREMENT
AA06	CARTRIDGE, CALIBER, .50 W/M9 LINKS, (1) API MK 211 MOD 0, (1) AP M2, (1) API MK 211 MOD 0, (1) AP M2, AND (1) API-T M20 CART, F/M2		NO REQUIREMENT
AA11	CARTRIDGE, 7.62 MM, M118 LONG RANGE, SPECIAL BALL		NO REQUIREMENT
AA12	CARTRIDGE, 9 MM, FX MARKING, RED (0T AND 2T COG)		NO REQUIREMENT
AA21	CARTRIDGE, 9 MM, FX MARKING, BLUE		NO REQUIREMENT
AA22	CTG., 20MM, SAPHEI, PGU-28A/B, PKGD 250 RDS/M548 (BULK PACK) CNTR, F/AUTO CANNON M61A1, M61A2, M197 AND XM301		SUSCEPTIBLE
AA22	CTG., 20MM, SAPHEI, PGU-28A/B, PKGD 250 RDS/M548 (BULK PACK) CNTR, F/AUTO CANNON M197	AH-1	SUSCEPTIBLE
AA22	CTG., 20MM, SAPHEI, PGU-28A/B, PKGD 250 RDS/M548 (BULK PACK) CNTR, F/AUTO CANNON M197	AH-1Z	SUSCEPTIBLE
AA26	CART, 20MM, 4 SAPHEI, PGU-28A/B &1 TARGET PRACTICE-TRACER, PGU-30A/B F/GUN M61		SUSCEPTIBLE
AA26	CART, 20MM, 4 SAPHEI, PGU-28A/B &1 TARGET PRACTICE-TRACER, PGU-30A/B F/GUN M197	AH-1	SUSCEPTIBLE
AA26	CTG, 20 MM, 4 SAPHEI, PGU-28A/B & 1 TARGET PRACTICE-TRACER, PGU-30A/B F/GUN M197	AH-1Z	SUSCEPTIBLE
AA27	CART., 20 MM, 4 TGT PRAC, PGU-27A/B & 1 TGT PRAC-TRAC, PGU-30A/B, PKGD 100 RDS/M548 (LINK PACK) CNTR F/AUTO CAN M61A1, M61A2, M197		SUSCEPTIBLE
AA27	CART., 20 MM, 4 TGT PRAC, PGU-27A/B & 1 TGT PRAC-TRAC, PGU-30A/B, PKGD 100 RDS/M548 (LINK PACK) CNTR F/AUTO CANNON M197	AH-1	SUSCEPTIBLE
AA27	CART., 20 MM, 4 TGT PRAC, PGU-27A/B & 1 TGT PRAC-TRAC, PGU-30A/B, PKGD 100 RDS/M548 (LINK PACK) CNTR F/AUTO CANNON M197	AH-1Z	SUSCEPTIBLE
AA29	CARTRIDGE, 12 GAUGE, BEAN BAG, NON-LETHAL		NO REQUIREMENT
AA30	CARTRIDGE, 12 GAUGE LAUNCHER, F/GRENADE NON-LETHAL NSN 1305-01-454-0187 P/N HS/4083/C97/1136 NSN 1305-01-464-8389 P/N 100617		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
AA31	CARTRIDGE, 12 GAUGE RUBBER FIN-STABILIZED, NON-LETHAL		NO REQUIREMENT
AA34	CARTRIDGE, 7.62 MM AP M993 AND M276 DIM TRACER LINKED 9 TO 1 RATIO. PKGD 750 TO FIBERBOARD BOX, PKGD 1500 TO M548 METAL CONTAINER		NO REQUIREMENT
AA40	CARTRIDGE, 5.56 MM, JACKETED FRANGIBLE ROUND		NO REQUIREMENT
AA52	CARTRIDGE, 12 GAUGE, NON-LETHAL CROWD DISPERSION, M1013		NO REQUIREMENT
AA54	CARTRIDGE, .12 GAUGE		NO REQUIREMENT
AA55	CARTRIDGE, 12 GAUGE, MK 242 MOD 0, INERT		NO REQUIREMENT
AA60	CARTRIDGE, 12 GAUGE, 3 INCH NO. 00 BUCK PKGD 5 ROUNDS PER FIBERBOARD BOX, 24 FIBERBOARD BOXES (120 ROUNDS PER M2A1 METAL BOX, 2 METAL BOXES (240 ROUNDS) PER WIREBOUND BOX		NO REQUIREMENT
AA62	CARTRIDGE, EOD, 12 GAUGE, MK 274 MOD O, ULTRA VELOCITY SLUG, CONSISTING OF LEAD BASED PROJECTILE IN BRASS AND PLASTIC CARTRIDGE CASE W/CENTERFIRE PRIMER AND 140 GRAINS OF PROPELLANT, USED IN IMPROVISED EXPLOSIVE DEVICE (IED)STANDOFF DISRUPTER PACKAGED 75 CTG PER M2A1 AMMUNITION CONTAINER		NO REQUIREMENT
AA63	CTG, EOD, 12 GAUGE, MK 275 MOD 0, DISINTEGRATING PROJ.(AVON), CONSISTING OF FRANGIBLE PLASTER & STEEL SHOT PROJ. LOADED IN A BRASS & PLASTIC CTG CASE W/CENTERFIRE PERCUSSION PRIMER & 65 GRAINS OF PROPELLANT USED IN IMPROVISED EXP DEVICE (IED)STANDOFF DISRUPTER. PKG 75 CTG PER M2A1 AMMO CNTR		NO REQUIREMENT
AA64	CARTRIDGE, 12 GAUGE MK 276 MOD 0, LOW VELOCITY BLANK, CONSISTING OF A BRASS AND PLASTIC CTG CASE W/CENTERFIRE PERCUSSION PRIMER AND 20 GRAINS OF PROPELLANT, USED IN IMPROVISED EXPLOSIVE DEVICE (IED)STANDOFF DISRUPTER PKG 160 CTG PER M2A1 AMMUNITION CONTAINER		NO REQUIREMENT
AA66	CARTRIDGE, 12 GAUGE, MK 278 MOD 0 (BLACK POWDER BLANK), USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR, 160 CARTRIDGES PER M2A1 AMMO CONTAINER		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
AA67	CARTRIDGE 5.56MM SPECIAL MATCH, MOLYBDENUM COATED. PACKAGED 50 ROUNDS PER PLASTIC TRAY, 1 TRAY (50) RDS PER FIBERBOARD CARTON, 10 FIBERBOARD CARTONS (500) RDS PER FIBERBOARD BOX, (COMMERCIAL PACK) THIS IS THE SAME AS AA53 014743856 EXCEPT FOR MOLYBDENUM COATING		NO REQUIREMENT
AB30	CTG. .50 CAL, LINKED 4 MB/1 M257 DIM TRACER IN M2A1 AMMO BOX.		NO REQUIREMENT
B472	DUMMY CARTRIDGE, 40 MM, M385, W/M169 CARTRIDGE CASE		NO REQUIREMENT
B505	CARTRIDGE, 40 MM RED STAR, PARACHUTE, M662		NO REQUIREMENT
B519	CARTRIDGE, 40 MM, PRACTICE, M781, SINGLE RD, PLASTIC CARTRIDGE CASE, YELLOW DYE FILLER, W/O TRACER, F/M79 AND M203 LAUNCHER		NO REQUIREMENT
B535	CARTRIDGE, 40 MM, FIXED WHITE STAR PARACHUTE, XM583		NO REQUIREMENT
B542	CARTRIDGE, 40 MM, M430, HEDP, COMP A5, LINKED W/M16A2 LINKS, F/MK 19 MOD 3 MACHINE GUN, W/B549 PERCUSSION FUZE		NO REQUIREMENT
B542	CTG., 40 MM, M430, HE DP COMP A5 LDD, LINKED W/M16A2 LINKS, F/MK 19 MOD 3 MACHINE GUN	MAN	NO REQUIREMENT
B542	CTG., 40 MM, M430, HE DP COMP A5 LDD, LINKED W/M16AL LINKS	MAN	NO REQUIREMENT
B542	CTG., 40 MM, HEDP, COMP A5, M430, LINKED W/M16A2 LINKS	MAN	NO REQUIREMENT
B542	CTG., 40 MM, HEDP, COMP A5, M430A1, LINKED W/M16A2 LINKS	MAN	NO REQUIREMENT
B542	CTG., 40 MM, HEDP, COMP A5, M430A1, LINKED W/M16A2 LINKS	PERSONNEL-BORNE	NO REQUIREMENT
B546	CARTRIDGE, 40 MM, HEDP, M433		NO REQUIREMENT
B567	CARTRIDGE, 40 MM, W/FZ PDDT, XM581E1, MOD 4, F/GRENADE LAUNCHER M79/M203		NO REQUIREMENT
BA07	CARTRIDGE, 40 MM, NON-LETHAL FOAM RUBBER BATON NSN 1310-01-453-9168 P/N HS/4083/C97/1128 NSN 1310-01-500-7532		NO REQUIREMENT
BA07	CARTRIDGE, 40MM, FOAM RUBBER BATON NON-LETHAL		NO REQUIREMENT
BA08	CARTRIDGE, 40MM RUBBER BALL NON-LETHAL		NO REQUIREMENT
BA21	CTG., 40 MM PRACTICE, DAY/NIGHT MARKING MK 281 MOD 1		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
BA21	CTG., 40 MM PRACTICE, DAY/NIGHT MARKING MK 281 MOD 3		NO REQUIREMENT
BWBT	GUIDED MISSILE, SIDEWINDER, TRAINING, CATM-9M-6, C/O GCS WGU-4A(T-2)/B, DUMMY WHD MK 70 MOD 1, INERT RKT MTR MK 57 MOD 1, 2 OR 3, TDD DSU-15 (T-1)/B OR DSU-15(T-1)A/B, DOME PROTECTOR 639AS2879, CABLE ASSY HRU-985A/E, WING ASSY MK 1 MOD 0, -1, -2, FIN ASSY BSU-32/B PKG 4 PER CNU-435/E ALUM CNTR		NO REQUIREMENT
BWDF	GUIDED MISSILE, AMRAAM, CATM-120B, TRAINING, C/O: GUIDANCE SECTION (INERT) 3824749-2, CONTROL SECTION (INERT) 7019733-2, WARHEAD (INERT) 7019730-1, PROPULSION SECTION (INERT) 7019731, FIN ASSEMBLY 7038180-1, WING ASSEMBLY 3820402-101, PKG 4 PER CNU-415B/E S-S CNTR		NO REQUIREMENT
BWGD	GUIDED MISSILE, JSOW, (DUMMY), TRAINING, DATM-154/A, PKG (1) PER CNU-575/E S-S CNTR		NO REQUIREMENT
BWGF	SENSOR, PROXIMITY, DSU-33B/B		SUSCEPTIBLE
BWHC	ACCESSORIES FOR FMU-139 CONSISTING OF 1 FZU-61/B LANYARD, 1 POWER CABLE, 1 FZU-48/B FUZE INITIATOR. USED FOR FMU-139, FZU-48, AND DSU-33 APPLICATIONS, PACKAGED 18 EACH IN M548 CONTAINER		NO REQUIREMENT
BWHK	TRAINING DEVICE, LOAD (SIMULATED LEAFLET), MXU-964/E USED WITH DISPENSER, BOMB, NON-THERMALLY PROTECTED, DUMMY, SUU-76C(D-2)/B PACKAGED 1 PER MK427 MOD 1 CONTAINER		NO REQUIREMENT
BWHN	ADAPTER GROUP, GUIDED BOMB ADG-770A(D-2)/B, C/O: HARDBACK, CONDUIT COVER & ASSY, LUG SLEEVE (2), MK 3 SUSPENSION LUG(2), AFT FAIRING ASSY, WPN 1760 CABLE ASSY, FWD ADAPTER SPACER, FZU-EXTENDER, F/GBU-24E/B & GBU-24G/B ASSY, PKG 1 PER CNU-439B/E CNTR		NO REQUIREMENT
BWHO	AIRFOIL GROUP, GUIDED BOMB, BSU-84B(D-2)/B, C/O: WING ASSY, CONTROL FIN ASSY(4), FWD ADAPTER ASSY, RING CLAMP ASSY, RETAINER FLANGE, RETAINER STUD, PIN AND FLAG ASSY(2), ARMING CABLE(3), F/GBU-24E/B & GBU-24G/B, PKG 1 PER CNU-373/E CNTR		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
BWHV	COMPUTER CONTROL GROUP, MAU-169D (D-2)/B, INERT LOAD CREW TRAINER FOR GBU-10, 12 & 16, PKG 1/CNU-317/E CNTR		NO REQUIREMENT
	LASER GUIDED TRAINING ROUND INERT, DUMMY, NON-OPERATING BDU-59A(D-2)/B FOR PAVEWAY II TRAINING, PACKAGED AS REQUIRED USING CNU-571/E CONTAINER		NO REQUIREMENT
BWIM	CABLE ASSEMBLY, POWER FOR USE WITH FMU-143K, L, AND M FUZES. FOR USE WITH BLU-116A/B BOMB BODY ONLY.		NO REQUIREMENT
BWIW	DATM-141C ITALD TRAINING VEHICLE	F/A-18	NO REQUIREMENT
BWJG	BDU-59B/B LASER GUIDED TRAINING ROUND	F/A-18C/D	SAFE
BWJG	BDU-59B/B LASER GUIDED TRAINING ROUND	F/A-18E/F	SAFE
BWJG	BDU-59B/B LASER GUIDED TRAINING ROUND	M1A1/2	SAFE
BY30	SENSOR, PROXIMITY DSU-33B/B		SUSCEPTIBLE
CWAW	FLARE, DECOY, MK 46 MOD 1C INERT (LOADED W/GYPSUM PLASTER) F/AN-ALE/29CHAFF DISPENSER, SHIPPED 21 PER M21A1 MTL BOX/140 MTL BOXES (2940 EA) PER MK 3 MOD 0 MTL PLT		NO REQUIREMENT
CWCG	TRANSPONDER RT-1489/ALE(A1) COUNTERMEASURE DECOY, PKGD 50 EACH PER M-548 CONTAINER, PALLET LOAD IAW WITH MIL-STD-1323-401		NO REQUIREMENT
CWKM	AUR DUMMY AIR TRAINING MISSILE AIM-9X, DUMMY GUIDANCE UNIT ASSEMB, PEST/DATM, DUMMY AOTD CASE, DATM MISSILE TUBE ASSEMB, DATM STANDOFF HARNESS COVER, DUMMY CAS/JVC ASSEMB, DATM CABLE UMBILICAL, TAIL FIN, DATM WARHEAD, FLIGHT CERT DUMMY, FWD WING ASSEMB, NAVY STOCK LIST OF CONVENT		NO REQUIREMENT
CWMD	LASER GUIDED TRAINING ROUND INERT, DUMMY, NON-OPERATING BDU-57(D-2)/B FOR LOAD DRILL TRAINER, PACKAGED AS REQUIRED PER CNU-571/E		NO REQUIREMENT
CY22	ADAPTER GROUP, ADG-770/B, C/O HARDBACK 3142501-2 (1) 3142501-1 (1), TWO (2) MK3-0 SUSPENSION LUGS 1380540, FAIRING ASSY GBU-24B/B 2948060-1 (1), FZU EXTENDER 2898453-1 (1), SPACER (1), 1/4 FLAT WASHER (4), SKT HD SCREWS (4), LUG SLEEVE (2), 500-20 UNF BOLT (8), PKG 4 PER CNU-439A/E S-S CNTR		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
CY86	KMU-559(D-2)/B LOAD BUILD-UP TRAINER SET CONSISTS OF A TAIL ASSM & A SET OF AERO-SURFACES OR STRAKES, USED WITH A MK 83 OR BLU-110 WARHEAD & APP FUZES TO TRAIN IN THE ASSEMBLY & AC LOADING FOR GBU-32(V)2/B. THE KMU-559(D-2)/B IS NOT CERTIFIED FOR FLIGHT. CTR CNU-589/E SPEC 103060-101		NO REQUIREMENT
D529	PROJECTILE, 155MM HE, M795 (USA)		NO REQUIREMENT
D529	PROJECTILE, 155MM HE, M795 W/ SUPPLEMENTARY CHARGE (USMC)	155MM ARTILLERY SYSTEM	NO REQUIREMENT
D532	CHARGE, PROPELLING, 155 MM, RED BAG, ZONE 8SC, M203		NO REQUIREMENT
D541	CHARGE, PROPELLING, 155 MM, WHITE BAG, HOWITZER, M1, M1A1, M45 AND M126 NSN 1320-00-935-1923 P/N 9207624		NO REQUIREMENT
D544	PROJECTILE, 155 MM, HE, W/O FZ, F /HOWITZER NSN 1320-01-257-4222 P/N 9216352		NO REQUIREMENT
DA12	CHARGE, PROPELLING, M231 FOR 155 MM HOWITZER in METAL case		NO REQUIREMENT
DA13	CHARGE, PROPELLING M232A1 FOR 155 MM HOWITZER	155MM ARTILLERY SYSTEM	NO REQUIREMENT
DWCB	COUNTERMEASURES, CHAFF RR-144A/AL (TRAINING) (STANDARD E-GLASS PAYLOAD)		NO REQUIREMENT
DWCF	COUNTERMEASURES, CHAFF RR-129A/AL (OPERATIONAL)(STANDARD E-GLASS PAYLOAD)		NO REQUIREMENT
DWCI	DEVICE, DECOY MJU-49/B SIMILAR TO THE DEVICE, DECOY MJU-27A/B, NSN 1370-01-419-6385, NALC, EWAA, EXCEPT PAYLOAD IS TAILORED TO ROTARY WINGED AIRCRAFT		NO REQUIREMENT
DWDN	CHARGE, LIGHTWEIGHT DISPOSABLE DISRUPTER (LIDD) MK 171 MOD 0, PKGD 1 PER BARRIER BAG, 6 PER MK 2 MOD 0 AMMO BOX		NO REQUIREMENT
DWEC	CARTRIDGE, 12 GAUGE, MK 277 MOD 0 (ENHANCED BLANK). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CONTAINER. FOR EOD USE ONLY.		NO REQUIREMENT
DWED	CARTRIDGE, 12 GAUGE, MK 279 MOD 0 (STEEL SLUG). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CAN. FOR EOD USE ONLY.		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
DWEE	CARTRIDGE, 12 GAUGE, MK 280 MOD 0 (ALUMINUM SLUG). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CONTAINER. FOR EOD USE ONLY.		NO REQUIREMENT
DWEI	PYROTECHNIC LEAD SPOOL, ASSEMBLY, MK 34 MOD 0 (FOR PYROTECHNIC LEAD, 1000 FT) PACKAGED 2 REELS PER CNU-405/E AMMO BOX.		NO REQUIREMENT
DWGS	CUTTER, CARTRIDGE ACTUATED		NO REQUIREMENT
E134	BOMB, FIRE MK 77 MOD 4 500 LB SIZE, EMPTY		NO REQUIREMENT
E167	BOMB, FIRE MK 77 MOD 5 500 LB SIZE, DRY FILLED PKG, 1 PER WIRE BOUND CRATE, 8 PER PALLET IAW WR-53/741A		NO REQUIREMENT
E342	BODY SECTION, GUIDED BOMB, TRNG, 2000LBBLU-109A(D-1)/B, PENETRATOR, INERT LOADED, THERMALLY PROTECTED, WITH TWO (2) SUSPENSION LUGS, END CAP FUZE WELL/ARMING WELL SHIPPING PLUG, FUZE LINER RETAINER, AFT CLOSURE, AFT CLOSURE RETAINER, F/GBU-24B/B PKG 2 PER MHU-212/E S/S PALLET		NO REQUIREMENT
E510	BOMB, GP, MK 83 MOD 5, 1000 LB, W/CABLE ASSY M73 OR T15, W/SUSP LUGS, T.P., W/ FMU-139 SERIES ELECTRIC FUZES		SAFE
E510	BOMB, GP, MK 83 MOD 5, 1000 LB, W/ CABLE ASSY M73 OR T15, W/SUSP LUGS, T.P., W/FUZES EXCEPT FMU-139 SERIES ELECTRIC FUZES		SUSCEPTIBLE
E511	BOMB, GP, MK 83 MOD 4, 1000 LB, INERT, W/CABLE ASSY AND SUSP LUGS INSTALLED		NO REQUIREMENT
E825	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20 MOD 4, BALLISTIC DUMMY WEAPON, NON-OPENING TYPE, INERT FILLED DISPENSER MK 7 MOD 4, INERT FUZE MK 339 MOD 1, PKG 1/MK 427 MOD 0 CNTR		NO REQUIREMENT
E962	BOMB, PRAC, BDU-48/B 10 LB SIZE, HIGH DRAG		NO REQUIREMENT
E973	BOMB, PRACTICE, MK 76 MOD 5, 25 LB, W/MK 14 SUSP LUG		NO REQUIREMENT
EA11	SWIVEL AND CLIP ASSEMBLY USED ON THE BSU-86/B BOMB FIN AND MAU-199A/B ARMING WIRE ASSEMBLY, PKG. 12 PER HEAT SEALED BAG		NO REQUIREMENT
EA53	FIN ASSEMBLY, BOMB, BSU-86A/B, PKG 12 PER MK 3 MOD 0 STEEL PALLET, IN PALLET ADAPTER ADU-535/E		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
EA56	BOMB, CLUSTER, CBU-99B/B	M1A1/2	SAFE
EA65	COMPUTER, MISSILE-BOMB, GUIDANCE MAU-169H/B		SUSCEPTIBLE
EA65	COMPUTER, MISSILE-BOMB, GUID MAU-169H/B IN LASER GUIDED BOMBS	M1A1/2	SAFE
EA68	AIRFOIL GROUP, GUIDED BOMB, MXU-667A/B		NO REQUIREMENT
EA76	KIT, GUIDANCE SECTION, KMU-558/B, F/JDAM GUIDED BOMB, PKG (2) PER CNU-589/E S-S CNTR	F/A-18C/D	SAFE
EA76	KIT, GUIDANCE SECTION, KMU-558/B, F/JDAM GUIDED BOMB, PKG (2)PER CNU-589/E S-S CNTR	F/A-18E/F	SAFE
EA81	GUIDANCE CONTROL UNIT, GB, WGU-39A/B, IN GBU-24E/B, W/BOMB, BLU-116A/B (EB54); AIRFOIL GROUP , BSU-84B/B (EA80); ADAPTER GROUP, ADG-770A/B (EA79)	F/A-18C/D	SAFE
EA81	GUIDANCE CONTROL UNIT, GB, WGU-39A/B, IN GBU-24E/B, W/BOMB, BLU-116A/B (EB54); AIRFOIL GROUP , BSU-84B/B (EA80); ADAPTER GROUP, ADG-770A/B (EA79)	F/A-18E/F	SAFE
EB01	CARTRIDGE, SIGNAL, PRACTICE BOMB, INERT CXU-3(D-1)A/B		NO REQUIREMENT
EB02	CARTRIDGE, SIGNAL, PRACTICE BOMB, INERT CXU-4(D-1)A/B		NO REQUIREMENT
EB03	CARTRIDGE, SIGNAL, PRACTICE BOMB, INERT MK4(D-1)MOD3		NO REQUIREMENT
EB05	FUZE ASSEMBLY, BOMB, FMU-139B/B		SUSCEPTIBLE
EB35	GUIDANCE SET KMU-556A/B FOR GBU-31		SUSCEPTIBLE
EB38	KMU-559A/B GUIDANCE SET		SUSCEPTIBLE
EB52	GUIDANCE SET KMU-572A/B		SUSCEPTIBLE
EB66	COMPUTER CONTROL GROUP, MAU-209/B (GRAY)		SUSCEPTIBLE
EB76	DISPENSER, SUU-76C(D-2)/B NSN 1325-01-495-8161 NSN 1325-01-495-8215		NO REQUIREMENT
EB83	BLU-116(D-2)A/B DUMMY, PKG 2 BOMBS PER PALLET, USED WITH THE GBU-24F/B AND GBU-24G/B GUIDANCE KIT		NO REQUIREMENT
EB85	AIRFOIL GROUP, MXU-650B/B, GUIDED BOMB, USED W/COMPUTER CONTROL GROUP MAU-169, WCU-10, AND MAU-209, F/GBU-12 LASER GUIDED BOMB C/O WING ASSEMBLY GUIDANCE FINS, ADAPTERS & ATTACHING HARDWARE, PKG 1 PER SHIPPING CNTR (LM)		NO REQUIREMENT
EB87	FUZE ASSEMBLY, BOMB, FMU-139B(D-2)/B DUMMY NOSE AND TAIL, ELECTRONIC TYPE PKG 9 PER M548 MTL CNTR 24 CNTRS IAW 6214082		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
EC12	GUIDANCE CONTROL UNIT WGU-39(D-4)A/B, INERT FOR GBU-24E/B AND GBU-24G/B ASSEMBLY AND LOAD TRAINING		NO REQUIREMENT
EC41	FUZE ASSEMBLY, BOMB, FMU-139C(D-2)/B DUMMY NOSE AND TAIL, ELECTRONIC TYPE, PACKAGED 9 PER M548 METAL CONTAINER		NO REQUIREMENT
EC42	COMPUTER CONTROL GROUP MAU-169L/B		SUSCEPTIBLE
EC52	GUIDANCE SET, KMU-572C/B FOR GBU-38C/B		SUSCEPTIBLE
EC52	GUIDANCE SET, KMU-572C/B	AIRCRAFT BOMB COMPONENT	SUSCEPTIBLE
EC86	GUIDANCE AND CONTROL SECTION WGU-53/B		SUSCEPTIBLE
ED14	DETECTOR, LASER ILLUMINATED TARGET, DSU-38(D-2)/B LOAD CREW TRAINER		NO REQUIREMENT
ED18	MODIFIED KMU-572A(D-2)/B DUMMY GUIDANCE SECTION		NO REQUIREMENT
EWAA	DEVICE, DECOY MJU-27A/B PRODUCES HEAT ONLY, NO FLAME OR LIGHT. THIS DEVICE LOADS AND FUNCTIONS IDENTICAL TO THE MJU-27/B. DIFFERENCE: THIS ITEM CASE CONTAINS A MORE DURABLE CAP TO BETTER SUSTAIN ROUGH HANDLING.		NO REQUIREMENT
F017	BOMB, PRACTICE BDU-45/B, 500 LB SIZE INERT LOADED, (FORGED), W/M72 FUSE CONTROL CABLE ASSEMBLY AND MS3314 SUSPENSION LUGS INSTALLED		NO REQUIREMENT
F017	BOMB, PRACTICE BDU-45/B, 500 LB SIZE INERT LOADED, (FORGED), W/M72 FUSE CONTROL CABLE ASSEMBLY AND MS3314 SUSPENSION LUGS INSTALLED, WITH FMU-139 SERIES FUZES		SAFE
F017	BOMB, PRACTICE BDU-45/B, 500 LB SIZE INERT LOADED, (FORGED), W/M72 FUSE CONTROL CABLE ASSEMBLY AND MS3314 SUSPENSION LUGS INSTALLED, WITH ELECTRIC FUZES MK 344, MK 376, AND M990 (ALL OBSOLETE)		UNSAFE/UNRELIABLE
F019	BOMB, PRACTICE BDU-45/B, 500 LB SIZE INERT LOADED (FORGED), W/M72 FUSE CONTROL CABLE ASSY AND MS3314 SUSPENSION LUGS INSTALLED, THERMALLY PROTECTED		NO REQUIREMENT
F019	BOMB, PRAC, BDU-45/B, 500 INERT LOADED (FORGED), W/M72 FUSE CONTROL CABLE ASSY AND MS3314 SUSPENSION LUGS INST. T.P., W/FMU-139 SERIES FUZES		SAFE
F019	BOMB, PRAC, BDU-45/B, 500 INERT LOADED (FORGED), W/M72 FUSE CONTROL CABLE ASSY AND MS3314 SUSPENSION LUGS INST. T.P., WITH FUZES MK 344, MK 376, AND M990 (ALL OBSOLETE)		UNSAFE/UNRELIABLE

DODIC	Nomenclature	Platform	HERO Class
F127	BOMB, GENERAL PURPOSE MK 84 MOD 1 AND 2, 2000 LB SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M74 OR T15 INSTALLED		NO REQUIREMENT
F142	BODY SECTION, GUIDED BOMB, PENETRATOR, HIGH EXPLOSIVE, 2000 LB, BLU-109A/B, THERMALLY PROTECTED, W/O FUZE, C/O CASE ASSY (PROTECTIVE END CAP, FZ WELL, FZ LINER RETAINER, SHIPPING PLUG, ARMING SHIP PLUG, AFT CLOSURE AND RETAINER), PBXN-109, FOR GBU-24B/B LASER GUIDED BOMB, PKG 2 PER MHU-212/E METAL PALLET		NO REQUIREMENT
F237	BOMB, GENERAL PURPOSE MK 82 MOD 1 500 LB SIZE, LOW DRAG, INERT LOADED, W/CABLE ASSEMBLY M72 OR T8 AND SUSPENSION LUGS INSTALLED		NO REQUIREMENT
F277	BOMB, GENERAL PURPOSE, MK 84 MOD 6, 2000 LB SIZE, LOW DRAG, INERT LOADED, W/CABLE ASSEMBLY M74 OR T15 AND SUSPENSION LUGS INSTALLED, THERMALLY PROTECTED		NO REQUIREMENT
F278	BOMB, GENERAL PURPOSE, MK 84 MOD 6 2000 LB SIZE, LOW DRAG, H-6 LOADED W/CABLE ASSEMBLY M74 OR T15 AND SUSPENSION LUGS INSTALLED, THERMALLY PROTECTED		NO REQUIREMENT
F278	BOMB, GP, MK84 MOD6, 2000 LB, H-6 LOADED, W/CABLE ASSY M74 OR T15W/SUSP LUGS INSTALLED, T.P., WITH FMU-139 SERIES ELECTRIC FUZES		SAFE
F278	BOMB, GP, MK84 MOD6, 2000 LB, H-6 LOADED, W/CABLE ASSY M74 OR T15W/SUSP LUGS INSTALLED, T.P., W/FUZES MK 344, MK 376, AND M990 (ALL OBSOLETE)		UNSAFE/UNRELIABLE
F279	BOMB, GENERAL PURPOSE, MK 84 MOD 7 2000 LB SIZE, LOW DRAG, INERT LOADED W/CABLE ASSEMBLY M74 OR T15 AND SUSPENSION LUGS INSTALLED		NO REQUIREMENT
F288	BOMB, GENERAL PURPOSE BLU-110A/B 1000 LB SIZE, LOW DRAG, PBXN-109 LOADED, THERMALLY PROTECTED, PACKAGED 3/MHU-187/E PALLET, IAW MIL-STD-1325-308 OR MHU-187A/E PALLET, IAW MIL-STD-1323-393		NO REQUIREMENT
F289	BOMB, GENERAL PURPOSE, BLU-111A/B 500 LB SIZE, LOW DRAG, PBXN-109 LOADED THERMALLY PROTECTED W/CABLE ASSEMBLY PKG 6/MK 9 PALLET, IAW WR-54/225		NO REQUIREMENT
F372	ADAPTER-BOOSTER, BOMB, T45E4, M148/T45E7 AND T45E8, NOSE		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
F392	ADAPTER-BOOSTER, BOMB, M148E1 NOSE TYPE, EXPLOSIVE LOADED, THERMALLY PROTECTED		NO REQUIREMENT
F402	ADAPTER-BOOSTER, BOMB, M148 AND T45 SERIES, NOSE, INERT		NO REQUIREMENT
F415	ARMING WIRE ASSEMBLY MK 9 MOD 0 W/SINGLE 90 INCH STRAND, 0.064 INCH DIAMETER BRASS WIRE, W/OBLONG SWIVEL LOOP		NO REQUIREMENT
F417	ARMING WIRE ASSEMBLY FZU-52/B, C/O SINGLE 90 INCH-STRAND 0.064 INCH DIA BRASS WIRE, WIRE FERRULE, RETAINER, TAG, FOR USE ON MK 14 AND MK 15 FIN RELEASE ON MK 80 SERIES BOMB, PKG 100 EA PER MK 1 MOD 2 FBBRD CNTR, 600 EA PER MK 2 MOD 2 WOODEN BOX, (NOTE: MATERIAL IS MAGNETIC AND NOT APPROVED FOR USE WITH MINES)		NO REQUIREMENT
F435	ARMING WIRE ASSY, AN-M8A1 OR MK 2 MOD 0, DOUBLE		NO REQUIREMENT
F448	ARMING WIRE ASSEMBLY, MK 3 MOD 0 STEEL W/SINGLE 57 INCH STRAND, 0.033 DIA, 100/CNTR		NO REQUIREMENT
F470	CARTRIDGE, SIGNAL, PRACTICE BOMB CXU-3A/B, PACKAGED 50 PER M2A1 AMMO BOX, 112 M2A1 BOXES ON MK 3 STEEL PALLET		NO REQUIREMENT
F470	CARTRIDGE, SIGNAL, PRACTICE BOMB CXU-3A/B, PACKAGED 50 PER M2A1 AMMO BOX, 112 M2A1 BOXES ON WOODEN PALLET		NO REQUIREMENT
F562	CARTRIDGE, SIGNAL, PRACTICE BOMB MK 4 MOD 3		NO REQUIREMENT
F642	FIN ASSEMBLY, BOMB, MODIFIED F/1000 LB, LOW DRAG, GENERAL PURPOSE BOMB MK 83 MOD 2, 3 AND 4, W/O SUSPENSION LUGS, CRATED		NO REQUIREMENT
F739	FUZE, BOMB, M904E4 NOSE, IMPACT TYPE, W/DELAY ELEMENT M9, NON-DELAY, THERMALLY PROTECTED		NO REQUIREMENT
F755	AIRFOIL GROUP, GUIDED BOMB, BSU-84/B, C/O WING ASSY MK84 2713572-3 OR ALTN-1 (1), FIN ASSY MK84 2671009-1 (4), FUZE RETAINER AND BOLT ASSY 310021-2 (1), CABLE 831907-1 (3), VARIOUS HARDWARE ITEMS, PKG 2 AIRFOIL GROUPS PER CNU-373/E S-S CNTR		NO REQUIREMENT
F763	AIRFOIL GROUP, BOMB, MXU-650/B, F/GBU-12C/B LASER GUIDED BOMB		NO REQUIREMENT
F766	FIN ASSEMBLY, BOMB BSU-86/B PKG 12 PER MK 3 MOD 0 STEEL PALLET IN PALLET ADAPTER ADU-535/E		NO REQUIREMENT
F780	FIN ASSEMBLY, BOMB BSU-33A/B PKG 30/ADAPTER, PALLET, ADU-426/E		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
F782	FIN ASSEMBLY, BOMB BSU-33B/B PKG 30/ADAPTER, PALLET, ADU-426/E		NO REQUIREMENT
F798	FUZE, BOMB, INERT, FMU-143E(D-2)/B, C/O INITIATOR ASSEMBLY FZU-32B/B, RETRACTABLE CABLE ASSEMBLY, AFT FUZE MOUNTING RETAINER, SWIVEL AND CLIP ASSEMBLY, FUZE/SAFE JETTISON LANYARD, PKG TWO (2) PER PA60 METAL CNTR		NO REQUIREMENT
F849	FUZE, BOMB, FMU-143E/B, HIGH EXPLOSIVE, COMPONENT OF LASER GUIDED HARD TARGET PENETRATOR BOMB GBU-24B/B		SUSCEPTIBLE
FW11	FIRING PIN ASSEMBLY MK 1 MOD 0 F/PRACTICE BOMBS. PACKAGED BEST COMMERCIAL PACK IN BULK PACS USUALLY 100 PIECES TO A ZIPLOCK BAG PLACED IN A FIBERBOARD BOX IN QUANTITIES 500, 1500 OR 2000 EACH. HOWEVER THIS MAY VARY BY FILLING BOX WITH FILLER. NO PALLETIZED LOAD AUTHORIZED.		NO REQUIREMENT
FW14	BATTERY, DRY STORAGE, 6 VOLT MANGANESE DIOXIDE, USED WITH AUTOMATIC INFLATION DEVICE FLU-8A/P		NO REQUIREMENT
FW25	CLIP, SAFETY FAHNESTOCK TYPE, F/ARMING WIRE, PACKED AS REQUIRED		NO REQUIREMENT
FW26	CUP, SUPPORT F/LOW DRAG BOMBS PKG 6 PER CNTR ASSY, 2 CNTR ASSY PER MK2 MOD 0 AMMO COMPONENT BOX		NO REQUIREMENT
FW35	PLUG, PROTECTIVE NOSE, DUST AND MOISTURE SEAL, STEEL, F/2000 LB BOMB, GENERAL PURPOSE, MK 84 MODS, LOW DRAG TYPE, PKG 12 EACH PER SHIPPING CONTAINER, 18 SHIPPING CNTRS PER PALLET		NO REQUIREMENT
FW44	ADAPTER, SPOTTING CHARGE, BOMB MK 89 MOD 0 FOR MK 80 SERIES AND BDU-45/B INERT LOADED BOMBS, PKG 12 TO A FIBERBOARD BOX		NO REQUIREMENT
FW56	CLIP, RESTRAINER CONSISTS OF CLIP, RESTRAINER, NUT, LOCK WASHER AND DECAL, TO RESTRAIN FUZE MOVEMENT IN THE TAIL FUZE CAVITY ON MK 80 SERIES BOMBS, F/MK 344 AND MK 376 FUZES, PKG AS REQUIRED		NO REQUIREMENT
FW90	PLUG, SOLID, NOSE FUZE MXU-735/B STEEL F/MK 81, 82, 83, 84 BOMBS		NO REQUIREMENT
FW95	AIRFOIL GROUP MXU-667/B USED W/COMPUTER CONTROL GROUP MAU-169A/B, F/GBU-16/B LASER GUIDED BOMB. CONSISTS OF WING ASSEMBLY, GUIDANCE FINS, ADAPTERS, AND ATTACHING HARDWARE, PKG 1 PER METAL DRUM		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
FW98	INFLATION DEVICE, AUTOMATIC, FLU-8A/P F/LPU-23A/P AND LPU-21/P LIFE PRESERVERS	MAN	SAFE
G211	DELAY ELEMENT, FUZE, BOMB, M9 NON-DELAY, INERT, PKG 60/FBRBD BOX, 4 BOX, 240 DE/WDN BOX		NO REQUIREMENT
G213	DELAY ELEMENT, FUZE, BOMB, M9 .01 SEC DELAY, PK 60/FBRBD CTN, 4 CTNS, 240 DE/WDN BOX		NO REQUIREMENT
G214	DELAY ELEMENT, FUZE, BOMB, M9 .025 SEC DELAY, PKG 60/FBRBD CTN, 4 CTNS, 240 DE/WDN BOX		NO REQUIREMENT
G215	DELAY ELEMENT, FUZE, BOMB, M9 .05 SEC DELAY, PKG 60/FBRBD CTN, 4 CTNS, 240 DE/WDN BOX		NO REQUIREMENT
G216	DELAY ELEMENT, FUZE, BOMB, M9 .10 SEC DELAY, PKG 60/FBRBD CTN, 4 CTNS, 240 DE/WDN BOX		NO REQUIREMENT
G217	DELAY ELEMENT, FUZE, BOMB, M9 .25 SEC DELAY, PKG 60/FBRBD CTN, 4 CTNS, 240 DE/WDN BOX		NO REQUIREMENT
G261	LUG, SUSP, BOMB, MAU-76, DOUBLE, F/GP BOMB MK 81, MK 82, MK 83 AND FIRE BOMB MK 79 MOD 1 NSN 1325-00-116-4452 P/N MS3314		NO REQUIREMENT
G263	LUG, SUSPENSION, BOMB MK 14 MOD 0 SINGLE, F/25 LB BOMB, PRACTICE MK 76 PKGD 160 PER SHIP CNTR, 48 CNTRS PER PALLETIZED LOAD		NO REQUIREMENT
G811	BODY, PRACTICE HAND GRENADE F/M69		NO REQUIREMENT
G878	FUZE DELAY, M228, FOR M69 PRACTICE HAND GRENADE (2T COG)		NO REQUIREMENT
G878	FUZE DELAY, M228, FOR M69 PRACTICE HAND GRENADE, W/CONFIDENCE CLIP (USMC COG)		NO REQUIREMENT
G900	GRENADE, HAND, INCENDIARY, AN-M14 SERIES		NO REQUIREMENT
G924	GRENADE, HAND, RIOT, CS1, M25A2		NO REQUIREMENT
G930	GRENADE, HAND, SMOKE, WHITE, HC, AN-M8 SERIES	PERSONNEL-BORNE	NO REQUIREMENT
G940	GRENADE, HAND, SMOKE, GREEN, M18 SERIES (USMC)	PERSONNEL-BORNE	NO REQUIREMENT
G945	GRENADE, HAND, SMOKE, YELLOW, M18 SERIES (USMC)	PERSONNEL-BORNE	NO REQUIREMENT
G950	GRENADE, HAND, SMOKE, RED, M18 SERIES	PERSONNEL-BORNE	NO REQUIREMENT
G955	GRENADE, HAND, SMOKE, VIOLET, M18 SERIES (USMC)	PERSONNEL-BORNE	NO REQUIREMENT
G963	GRENADE, HAND, RIOT, CAPSULED CS, ABC-M7A2 OR PELLET CS, M7A3		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
G982	GRENADE, HAND, SMOKE, TA, PRACTICE M83 W/FUZE M201A1 PACKED 1 PER FIBER CONTAINER, 16 FIBER CONTAINERS PER WOOD BOX		NO REQUIREMENT
GG04	GRENADE, HAND, RUBBER BALL, NON-LETHAL, M9590		NO REQUIREMENT
GG20	GRENADE, HAND, STUN, BTV-1 EL PACKAGED 10 PER M2A1 METAL CONTAINER 68 M2A1 CONTAINERS PER PALLET (680 UNITS PER PALLET)		NO REQUIREMENT
GW03	SWITCH, ARMING, SAFETY, MK 122 MOD 0, F/FUZE FMU-139, FMU-152, MK 376, DSU-33, MK 43 TDD		NO REQUIREMENT
GW04	INITIATOR, FIREBOMB, MK 13 MOD 0 CONSISTS OF FUZE, BOMB MK 343 MOD 0 AND IGNITER, BOMB MK 273 MOD 1		NO REQUIREMENT
GW90	SWIVEL, DOUBLE RING F/SERVICE MINES MK 25, 36, 52, 55, 56 PKGD 1 EACH PER ZIPLOCK PLASTIC BAG/30 EACH PER FIBERBOARD BOX		NO REQUIREMENT
H121	LAUNCHER, ROCKET AIRCRAFT, 2.75 IN. LAU-61C/A, THERMALLY PROTECTED		NO REQUIREMENT
H122	LAUNCHER, ROCKET AIRCRAFT, 2.75 IN. LAU-68D/A, THERMALLY PROTECTED		NO REQUIREMENT
H141	LAUNCHER, ROCKET, AIRCRAFT LAU 10C/A, EMPTY		NO REQUIREMENT
H142	LAUNCHER, ROCKET, AIRCRAFT LAU 10D/A, EMPTY, THERMALLY PROTECTED		NO REQUIREMENT
H308	ROCKET MOTOR, 2.75 INCH MK 66 MOD 0 INERT ASSY, W/O IGNITER NSN 1340-01-307-2678 P/N 233AS341		NO REQUIREMENT
H316	ROCKET MOTOR, DGTR-18A SMOKEY SAM SIMULATOR, INERT		NO REQUIREMENT
H567	RKT MTR CLUSTER, 5.00 IN. 4 MTRS MK71 MOD 1/LAU-10D/A THERMALLY PROTECTED		SUSCEPTIBLE
H567	RKT MTR CLUSTER, 5.00 IN. 4 MTRS MK71 MOD 1/LAU-10 THERMALLY PROTECTED		SUSCEPTIBLE
H663	WARHEAD, 2.75 INCH ROCKET, WTU-1/B, PRACTICE, INERT LOADED		NO REQUIREMENT
H812	RKT, WHD, 2.75 INCH RKT, M257, ILLUM, 12 SHEAR PIN		SAFE
H842	WARHEAD, 2.75 INCH ROCKET M151, HE LOADED, W/FUZE M427		NO REQUIREMENT
H855	WARHEAD, 2.75 INCH ROCKET, SMOKE M156/E13, WP LOADED, W/FUZE M427 OR M352-2		NO REQUIREMENT
H886	RKT, WHD, 5.00 INCH RKT, MK 32 MODS, PRACTICE, INERT LOADED		NO REQUIREMENT
H892	WARHEAD, 2.75 INCH ROCKET, SMOKE MK 67 MOD 1, RP LOADED, W/FUZE MK 352 PD, FILLER MATERIAL EMITS WHITE SMOKE		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
H893	WARHEAD, 2.75 INCH ROCKET, SMOKE MK 67 MOD 1, RP LOADED, W/FUZE M427 PD, FILLER MATERIAL EMITS WHITE SMOKE		NO REQUIREMENT
H933	WARHEAD, 5.00 INCH ROCKET MK 63 MOD 0 HIGH EXPLOSIVE, COMP-B LOADED, FRAG TYPE, W/O FUZE MK 93 OR M414A1		NO REQUIREMENT
H943	WARHEAD, 5.00 INCH ROCKET, SMOKE, MK 34 MOD 2, RED PHOSPHORUS LOADED, F/ZUNI, PKG 12 PER MK 11 PALLET ADAPTER, 4 MK 11 PALLET ADAPTERS, 48 WHDS PER PALLET		NO REQUIREMENT
H945	WARHEAD, 5.00 INCH ROCKET, PRACTICE MK 6 MODS, INERT LOADED, MODIFIED F/ZUNI ROCKET		NO REQUIREMENT
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER, ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	AH-1W	SUSCEPTIBLE
HA03	RKT MTR, MK 66 MOD 2, 2.75 INCH	AH-1Z	SUSCEPTIBLE
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER, ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	AH-1Z	SUSCEPTIBLE
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER, ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	M1A1/2	SAFE
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	UH-1N	SUSCEPTIBLE

DODIC	Nomenclature	Platform	HERO Class
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	UH-1Y	SAFE
HA03	ROCKET MOTOR, MK 66 MOD 2, 2.75-INCH W/SRA SUPPORT W/PROPELLANT GRAIN MK 90 MOD 0 AND MK 125 MOD 5 IGNITER ASSEMBLED WITH NALCS HA06, HY71, H812, H813, H842, H843, H855, H861 AND H893 WARHEAD/FUZE COMBINATIONS WITH H121 AND H122 ROCKET LAUNCHERS OR 2W04, 2W05, HA25 AND HA26 ROCKET MOTOR CLUSTERS	UH-60A	SUSCEPTIBLE
HA06	WARHEAD 2.75 INCH ROCKET FLARE M278, INFRARED PKGD 4 TO A PA92 METAL CONTAINER (P/N 3368AS200)		NO REQUIREMENT
HA07	ROCKET MOTOR, 2.75-IN., MK 66 MOD 4		SUSCEPTIBLE
HA23	WARHEAD, 2.75 INCH ROCKET, PRACTICE, WTU-1/B W/NOSE HEAD CAP		NO REQUIREMENT
HA28	RKT MTR CLUSTER, 2.75 IN, 7 MK 66 MOD 4 RKT MTR IN LAU-68D/A LAUNCHER		SAFE
HA44	ROCKET MOTOR, 5-INCH, MK 71 MOD 2	AH-1W	SAFE
HA44	ROCKET MOTOR, 5-INCH, MK 71 MOD 2	M1A1/2	SAFE
HA49	WARHEAD, 5-INCH, ROCKET		NO REQUIREMENT
HA50	WARHEAD, MK 149 MOD 0, FLECHETTE FOR 2.75-INCH ROCKETS PCKD 4 PER PA92 METAL CONTAINER, 20 PER MK 3 METAL PALLET	AIR-LAUNCHED MISSILE COMPONENT	NO REQUIREMENT
HW01	BARRIER ASSEMBLY, THERMAL ELECTROMAGNETIC SHIELD F/LAU-61B/A AND LAU-61C/A C/O ONE ALUMINUM FOIL BARRIER, PKD 32 PER FIBERBOARD BOX		NO REQUIREMENT
HW02	BARRIER ASSEMBLY, THERMAL ELECTROMAGNETIC SHIELD F/LAU-68D/A LAUNCHER, C/O ONE ALUMINUM FOIL BARRIER, PKD 32 PER FIBERBOARD BOX		NO REQUIREMENT
HW14	BARRIER, RAD HAZ F/LAU 68B/A LAUNCHER, CONSISTS OF AFT BARRIER		NO REQUIREMENT
HW40	WARHEAD, 5.00 INCH ROCKET MK 33 MOD 1 ILLUMINATING, PACKED 2/WDN BOX		NO REQUIREMENT
HW42	ADAPTER-BOOSTER, ROCKET BBU-15/B F/ADAPTING FUZE MK 352 MOD 2 TO ZUNIWARHEADS MK 24 AND MK 32		NO REQUIREMENT
HW49	SHIELD, THERMAL F/LAU-10D/A LAUNCHER		NO REQUIREMENT
HY71	WARHEAD, 2.75 INCH ROCKET WDU-4A/A, FLECHETTE PKG 4/FBRBD CNTR		NO REQUIREMENT
J004	DISPENSER AND MINE, AIRCRAFT CBU-78C/B(GATOR)	M1A1/2	SAFE

DODIC	Nomenclature	Platform	HERO Class
J271	RKT MTR, 5.00 IN., MK 71 MOD 1, WAFFAR, W/PROPELLANT GRAIN MK 88 MOD 0, W/IGNITER MK 282 MOD 0		SUSCEPTIBLE
HW01	BARRIER ASSEMBLY, THERMAL ELECTROMAGNETIC SHIELD F/LAU-61B/A AND LAU-61C/A C/O ONE ALUMINUM FOIL BARRIER, PKD 32 PER FIBERBOARD BOX		NO REQUIREMENT
HW02	BARRIER ASSEMBLY, THERMAL ELECTROMAGNETIC SHIELD F/LAU-68D/A LAUNCHER, C/O ONE ALUMINUM FOIL BARRIER, PKD 32 PER FIBERBOARD BOX		NO REQUIREMENT
HW14	BARRIER, RAD HAZ F/LAU 68B/A LAUNCHER, CONSISTS OF AFT BARRIER		NO REQUIREMENT
HW40	WARHEAD, 5.00 INCH ROCKET MK 33 MOD 1 ILLUMINATING, PACKED 2/WDN BOX		NO REQUIREMENT
HW42	ADAPTER-BOOSTER, ROCKET BBU-15/B F/ADAPTING FUZE MK 352 MOD 2 TO ZUNIWARHEADS MK 24 AND MK 32		NO REQUIREMENT
HW49	SHIELD, THERMAL F/LAU-10D/A LAUNCHER		NO REQUIREMENT
HY71	WARHEAD, 2.75 INCH ROCKET WDU-4A/A, FLECHETTE PKG 4/FBRBD CNTR		NO REQUIREMENT
J004	DISPENSER AND MINE, AIRCRAFT CBU-78C/B(GATOR)	M1A1/2	SAFE
J271	RKT MTR, 5.00 IN., MK 71 MOD 1, WAFFAR, W/PROPELLANT GRAIN MK 88 MOD 0, W/IGNITER MK 282 MOD 0		SUSCEPTIBLE
J273	ROCKET MOTOR, 5.00 INCH MK 71 MOD 1, INERT LOADED		NO REQUIREMENT
J280	PLUG, NOSE OGIVE, F/5.00 INCH WARHEAD MK 24 MOD 0, ZUN1, STEEL		NO REQUIREMENT
J289	FUZE, ROCKET FMU-90/B NOSE, PD, DELAY, F/2.75 INCH WARHEADS M151, M156, M229, MK 1, MK 67 AND 5.00 INCH WARHEADS MK 24, MK 32 AND MK 34		NO REQUIREMENT
J329	FUZE, RKT, M414A1/MK 93 MOD 0, VT		SAFE
J344	FUZE, ROCKET MK 352 MOD 2 NOSE, PD, F/2.75 INCH WARHEADS MK 1, M151, M156 AND F/5.00 INCH WARHEADS MK 24 AND MK 32		NO REQUIREMENT
J345	FUZE, ROCKET, MK 188 MOD 0 NOSE, F/5.00 INCH WARHEADS MK 24 AND MK 32		NO REQUIREMENT
JL01	INITIATOR, CART. ACTUATED JAU-72A/A		NO REQUIREMENT
JL02	THRUSTER, CARTRIDGE-ACTUATED TCU-5A/A		NO REQUIREMENT
JL03	CARTRIDGE, PROPELLANT ACTUATED JAU-73A/A		NO REQUIREMENT
JM68	CORD, DETONATING, SHIELDED MILD (SMDC). THE SMDC SET 32 CONTAINS 381.87 GRAMS OF SILVER AND 45 LINES. THE SMGRAMS OF SILVER AND 45 LINES. THE SMDC WILL BE USED IN TAV-8/B ACFT EMERGENCY CANOPY JETTISON SYSTEM AND ADC WILL BE USED IN TAV-8/B ACFT		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
JM69	CORD, DETONATING, SHIELDED MILD (SMDC) THE SMDC CONTAINS 8.10 GRAMS OF SILVER. USED ON TAV-8/B ACFT EMERGENCY CANOPY JETTISON SYSTEM AND AIRCREW SEAT EJECTION SYSTEM.		NO REQUIREMENT
JM70	CORD, DETONATING, SHIELDED MILD (SMDC). THE SMDC WILL BE USED IN TAV-8B AIRCRAFT EMERGENCY CANOPY JETTISON SYSTEM AND THE AIRCREW SEAT EJECTION SYSTEM.		NO REQUIREMENT
JM71	CORD, DETONATING, SHIELDED MILD (SMDC) SMDC CONTAINS 23.90 GRAMS OF SILVER. USED IN TAV-8/B ACFT EMERGENCY JETTISON CANOPY SYSTEM AND THE AIRCREW SEAT EJECTION SYSTEM.		NO REQUIREMENT
JM90	CUTTER, CARTRIDGE ACTUATED		NO REQUIREMENT
JW74	GUIDED MISSILE, TOW, DUMMY, BTM-71C, SURFACE ATTACK, BALLAST LOADED, C/O LAUNCH CONTAINER, FORWARD AND AFT COVERS, PKG 1 PER CNU-333/E CNTR IAW MIL-STD 1323-297 (NAVY)		NO REQUIREMENT
JW83	SHIELD, RADIO FREQUENCY MXU-710/A PKG 1 PER CARDBOARD BOX		NO REQUIREMENT
K765	RIOT CONTROL AGENT, CS, CAPSULE		NO REQUIREMENT
L103	BAND, SUSPENSION, PARACHUTE FLARE/ MK 24 A/C PARACHUTE FLARES, PKG 40 BANDS/WDN BOX		NO REQUIREMENT
L111	FLARE, DISPENSER ASSEMBLY, SSU-25F/A F/EIGHT LUU-2B/B FLARES		SAFE
L118	SIGNAL KIT, ILLUMINATION, MK 79 MODS NSN 1370-00-866-9788 P/N 2150423 OR 1332188 (MOD 0) NSN 1370-01-230-3974 P/N 6136004 (MOD 2)		NO REQUIREMENT
L258	SIGNAL, HAND FIRED, MK 80 MOD 0, MK 80 MOD 2 RED STAR NSN 1370-00-930-7746 P/N 615183 (MOD 0) NSN 1370-01-216-3243 P/N 6136000 (MOD 2)		NO REQUIREMENT
L283	SIGNAL, SMOKE AND ILLUMINATION, MARINE MK 124 MOD 0, DISTRESS, DAY AND NIGHT		NO REQUIREMENT
L306	SIGNAL, ILLUM, GROUND, RED, STAR CLUSTER, M158/T133E2		NO REQUIREMENT
L307	SIGNAL, ILLUMINATION, GROUND, WHITE, STAR CLUSTER, M159/T137E2 NSN 1370-00-756-2588 P/N 8797320-2, 36 PER WOODEN BOX		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
	NSN 1370-01-345-3000 P/N 8797320-2 24 PER METAL CONTAINER NSN 1370-01-345-4300 P/N 8797920 24 PER METAL CONTAINER		
L311	SIGNAL, ILLUMINATION, GROUND, RED, STAR, PARACHUTE, M126 NSN 1370-00-629-2336 P/N 8797968, 36 PER BOX NSN 1370-01-343-1965 P/N 8797968 24 PER MTL CONTAINER		NO REQUIREMENT
L312	SIGNAL, ILLUMINATION, GROUND, WHITE, STAR, PARACHUTE, M127 NSN 1370-00-753-1859 P/N 8797968 36 PER BOX NSN 1370-01-341-5159 P/N 8797968 24 PER MTL CONTAINER		NO REQUIREMENT
L314	SIGNAL, ILLUMINATION, GROUND, GREEN, STAR CLUSTER, M125 NSN 1370-00-629-2335 P/N 8797920 36 PER BOX NSN 1370-01-341-6283 P/N 8797920 24 PER MTL CONTAINER		NO REQUIREMENT
L323	SIGNAL, SMOKE, GROUND, RED, PARACHUTE, M129A1 SERIES		NO REQUIREMENT
L324	SIGNAL, SMOKE, GROUND, GREEN, PARACHUTE, M128A1 SERIES		NO REQUIREMENT
L410	FLARE, AIRCRAFT, COUNTERMEASURE M206		NO REQUIREMENT
L431	FLARE, AIRCRAFT, PARACHUTE DUMMY, LUU-2B(D-1)/B PKD 2/PLASTIC TRAY, 36/WIREBOUND BOX		NO REQUIREMENT
L441	FLARE, PARACHUTE LUU-2B/B W/DROGUE TRAY FOR SUU-44/A		NO REQUIREMENT
L495	FLARE, SURFACE, TRIP, M49 SERIES		NO REQUIREMENT
L553	MARKER, LOCATION, MARINE, MK 25 MOD 4 W/VENT FLOODING HOLES W/O ADAPTER KIT		SAFE
L564	SIGNAL KIT, ILLUMINATION MK 189 MOD 0 NSN 1370-01-418-2657 P/N 7058017		NO REQUIREMENT
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR		SAFE
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	HH-60H	SAFE

DODIC	Nomenclature	Platform	HERO Class
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	MH-53E	SAFE
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	MH-60R	SAFE
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	SH-60B	SAFE
L580	MARKER, LOCATION, MARINE, MK 58 MOD 1 W/O SUSPENSION BANDS, MARKER PRODUCES YELLOW FLAME, WHITE SMOKE FOR 40 TO 60 MINS, PKG 2 MARKERS POLYSTYRENE CNTR	SH-60F	SAFE
L594	SIMULATOR, PROJECTILE, GROUND BURST, M115A2	MAN	NO REQUIREMENT
L598	SIMULATOR, BOOBY TRAP, M117, FLASH		NO REQUIREMENT
L599	SIMULATOR, BOOBY TRAP, M118, ILLUM		NO REQUIREMENT
L601	SIMULATOR, HAND GRENADE, M116A1/M116E2 0T COG	MAN	NO REQUIREMENT
LA01	FLARE, DECOY, MJU-32/B CONSISTS OF A CYLINDER 5.838 LONG, 1.42 DIAMETER WEIGHT 0.56 LBS. THE BASE IS FLANGED TO A 1.495 INCH DIAMETER.		NO REQUIREMENT
LA10	SIMULATOR, FLARE SM-875A/ALE. VERY SIMILAR TO THE SIMULATOR FLARE SM-875/ALE, NSN: 1370-01-326-2537, DODIC/NALC L540, EXCEPT THE SM-875A/ ALE IS APPROX. 2.00 INCHES LONG		NO REQUIREMENT
LA19	MJU-50/B FLARE, INFRARED, COUNTERMEASURES EXPL MAG STORAGE BASED ON COMPATIBILITY GROUP. PAYLOAD REACTS W/AIRFLOW PRODUCING EFFECT. PYROPHORIC METAL .528 LBS.		NO REQUIREMENT
LA29	FLARE, ACFT PARACHUTE, LUU-19A/B		NO REQUIREMENT
LA29	FLARE, ACFT PARACHUTE, LUU-19B/B		NO REQUIREMENT
LA35	FLARE DEVICE, DECOY, MJU-55/B		NO REQUIREMENT
LA40	SIMULATOR, FLARE SM-875B/ALE		NO REQUIREMENT
LA42	FLARE, DECOY, MJU-61/B FOR USE WITH THE AN/ALE-40, AN/ALE-47, AND M130 DISPENSERS		NO REQUIREMENT
LA43	DECOY, INFRARED COUNTERMEASURE MJU-64/B		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
LA44	CARTRIDGE, SIGNAL AND ILLUMINATING, WHITE STAR GF 1.5, PACKED 20 PER PA19 METAL AMMO BOX, USED WITH OMEGA 36/B2 FIRING DEVICE		SAFE
LA46	CARTRIDGE, SIMULATOR, HOSTILE FIRE GF 1.5, PACKED 20 PER PA19 AMMO BOX. USED WITH OMEGA 36/B2 FIRING DEVICE		SAFE
LA47	CARTRIDGE, SIMULATOR, STINGER LAUNCHING, ANTI-TANK GUIDED MISSILE AND ROCKET GF 1.5 PACKED 20 PER PA19 METAL AMMO BOX. USED WITH OMEGA 36/B2 FIRING DEVICE		SAFE
LA49	FLARE, DECOY MJU-32A/B		NO REQUIREMENT
LA50	FLARE, DECOY MJU-38A/B		NO REQUIREMENT
LW02	BAND, SUSPENSION F/MARINE LOCATION MARKER MK 58 MOD 0		NO REQUIREMENT
LW03	SPACER F/MARINE LOCATION MARKER MK 58 MOD 0		NO REQUIREMENT
LW04	SWIVEL AND RING ASSY, F/USE WITH ARMING WIRE ASSYS.		NO REQUIREMENT
LW05	ARMING ADAPTER, SELF-ADJUSTING, FOR MK 80 SERIES G.P. BOMBS, USED WITH AV-8A/C AND F/A-18 AIRCRAFT, PKD 100 PER M19A1 AMMO BOX		NO REQUIREMENT
LW25	SHEAR PIN, F/SUU-25F/A PARACHUTE FLARE DISPENSER, 1.25 IN LG		NO REQUIREMENT
LY07	CHAFF, COUNTERMEASURES, RR-170A/AL CARTRIDGE, F/ALE-40 DISPENSER, PKG 30 UNITS/BOX, 4 BOXES/SHPG CNTR FOR AIR FORCE USE		NO REQUIREMENT
LY15	FLARE KIT, DISPENSER FOR FLARE DISPENSER SUU-25		NO REQUIREMENT
LY53	COVER, PYROTECHNIC PROTECTION F/SUU-40/A AND 44/A FLARE DISPENSER		NO REQUIREMENT
M012	CARTRIDGE, IMPULSE MK 19 MOD 0	F/A-18	SUSCEPTIBLE
M023	CHARGE, DEMOLITION, BLOCK, M112, COMP C-4, 1-1/4 LB NSN 1375-00-724-7040 P/N 9204248 NSN 1375-01-330-0749 P/N 9204248 NSN 1375-01-389-3854 P/N 9204248-1		NO REQUIREMENT
M024	CHARGE, DEMOLITION M118 PETN 2 LB BLOCK W/O TAGGANT		NO REQUIREMENT
M024	CHARGE, DEMOLITION M118 PETN 2 LB BLOCK WITH TAGGANT		NO REQUIREMENT
M028	DEMOLITION KIT, BANGALORE TORPEDO, M1A2		NO REQUIREMENT
M032	CHARGE, DEMO, BLOCK, TNT, 1 LB		NO REQUIREMENT
M039	CRATERING CHARGE, DEMOLITION, 40-POUND H-6 EXPLOSIVE		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
M130	CAP, BLASTING, SPECIAL, ELECTRIC, TYPE 2, J2 PETN	MAN	SUSCEPTIBLE
M130	CAP, BLASTING, ELECTRIC, M6	MAN	SUSCEPTIBLE
M130	CAP, BLASTING, SPECIAL, ELECTRIC, TYPE 11	MAN	UNSAFE
M130	BLASTING CAP, ELECTRIC, SPECIAL TYPE 2 FOR UNDERWATER USE	MAN	UNSAFE/UNRELIABLE
M130	MINI-DEMOLITION REMOTE FIRING DEVICE WITH CAP, BLASTING, ELECTRIC, M6 FOR COG 0T AND 2T	PERSONNEL-BORNE	SUSCEPTIBLE
M131	CAP, BLASTING, SPECIAL, NON-ELECT NSN 2T 1375-00-028-5226 P/N 393652 (OBSOLESCENT) NSN 0T 1375-00-028-5226 P/N 393652 NSN 1375-00-028-5227 P/N 393652 NSN 1375-00-028-5228 P/N 393652 (OBSOLESCENTE) NSN 1375-00-283-9440 P/N 8830948 NSN 1375-00-370-3519 P/N 8830948 NSN 1375-00-756-1864 P/N 8830948 NSN 1375-01-057-6439 P/N 8830948 NSN 1375-01-193-2976 P/N MIL-C-45469 NSN 1375-01-315-1335 P/N 12929271		NO REQUIREMENT
M162	CARTRIDGE, IMPULSE F/H-46 AND -47 SERIES HELICOPTERS	CH-46A	SUSCEPTIBLE
M162	CARTRIDGE, IMPULSE F/H-46 AND -47 SERIES HELICOPTERS	CH-46D	SUSCEPTIBLE
M162	CARTRIDGE, IMPULSE F/H-46 AND -47 SERIES HELICOPTERS	CH-46E	SUSCEPTIBLE
M174	CARTRIDGE, CALIBER 50, BLANK, ELECT INITIATED, W/MK 1-2 SQUIB.	MAN	SUSCEPTIBLE
M174	MINI-DEMOLITION REMOTE FIRING DEVICE WITH CARTRIDGE, CALIBER 50, BLANK, ELECT INITIATED, W/MK 1-2 SQUIB. COG 0T AND 2T.	PERSONNEL-BORNE	SUSCEPTIBLE
M178	CARTRIDGE, AIRCRAFT FIRE EXTINGUISHER, SINGLE SQUIB	C-130	SUSCEPTIBLE
M190	CTG., S/R, IMPULSE, MK 2 MOD 1		SAFE
M190	CTG., S/R, IMPULSE, MK 2 MOD 1	AV-8	SUSCEPTIBLE
M190	CTG., S/R, IMPULSE, MK 2 MOD 1	CH-53D	SAFE
M190	CTG., S/R, IMPULSE, MK 2 MOD 1	CH-53E	SAFE
M190	CTG., S/R, IMPULSE, MK 2 MOD 1	RH-53D	SAFE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/MH-60S ACFT, PKG 4/HERMETICALLY SEALED CNTR	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER ELECTRICALLY INITIATED, F/ AH-1, PKG 4 PER HERMETICALLY SEALED CONTAINER	AH-1	SUSCEPTIBLE

DODIC	Nomenclature	Platform	HERO Class
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/CH-46A ACFT, PKG 4/HERMETICALLY SEALED CNTR	CH-46A	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/CH-46D ACFT, PKG 4/HERMETICALLY SEALED CNTR	CH-46D	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/CH-46E ACFT, PKG 4/HERMETICALLY SEALED CNTR	CH-46E	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A ON MH-60R A/C	MH-60R	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/SH-60/B ACFT, PKG 4/HERMETICALLY SEALED CNTR	SH-60B	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A	SH-60B	SUSCEPTIBLE
M193	CTG., A/C FIRE EXTINGUISHER	SH-60F	SUSCEPTIBLE
M193	CARTRIDGE, A/C FIRE EXTINGUISHER CCU-90/A, F/UH-60A ACFT, PKG 4/HERMETICALLY SEALED CNTR	UH-60A	SUSCEPTIBLE
M232	CTG., A/C FIRE EXTINGUISHER	CH-46E	SUSCEPTIBLE
M232	CTG., A/C FIRE EXTINGUISHER	CH-47F	SAFE
M232	CTG., A/C FIRE EXTINGUISHER	CH-53A	SUSCEPTIBLE
M232	CTG., A/C FIRE EXTINGUISHER	CH-53D	SUSCEPTIBLE
M232	CTG., A/C FIRE EXTINGUISHER	HH-46D	SUSCEPTIBLE
M232	CARTRIDGE, A/C FIRE EXTINGUISHER	MH-53J	SAFE
M232	CTG., A/C FIRE EXTINGUISHER	RH-53D	SUSCEPTIBLE
M232	CTG., A/C FIRE EXTINGUISHER	UH-1N	SAFE
M327	COUPLING BASE, FIRING DEVICE, W/PRIMER M27		NO REQUIREMENT
M327	COUPLING BASE, FIRING DEVICE, W/PRIMER M39A1		NO REQUIREMENT
M363	CARTRIDGE, IMPULSE MK 124 MOD 0 F/STORES RELEASE/EJECTION MECHANISMS PKG 40/HERMETICALLY SEALED CNTR, 8 CNTRS/WDN BX, REPLACED BY MD65		SUSCEPTIBLE
M363	CARTRIDGE, IMPULSE MK 124 MOD 0 F/STORES RELEASE/EJECTION MECHANISMS PKG 40/HERMETICALLY SEALED CNTR, 8 CNTRS/WDN BX, REPLACED BY MD65 IN AUXILIARY FUEL TANK ON CH-53/D	CH-53D	SAFE
M363	CARTRIDGE, IMPULSE MK 124 MOD 0 F/STORES RELEASE/EJECTION MECHANISMS PKG 40/HERMETICALLY SEALED CNTR, 8 CNTRS/WDN BX, REPLACED BY MD65 IN AUXILIARY FUEL TANK ON CH-53E	CH-53E	SUSCEPTIBLE
M363	CARTRIDGE, IMPULSE MK 124 MOD 0 F/STORES RELEASE/EJECTION MECHANISMS PKG 40/HERMETICALLY SEALED CNTR, 8 CNTRS/WDN BX, REPLACED BY MD65 IN AUXILIARY FUEL TANK ON RH-53/D	RH-53D	SAFE

DODIC	Nomenclature	Platform	HERO Class
M365	CARTRIDGE, IMPULSE MK 1 MOD 3 F/REFUELING HOSE GUILLOTINE, PKG 26/ HERMETICALLY SEALED CNTR		SUSCEPTIBLE
M397	CARTRIDGE SET SEAT EJECTION REDUCED CHARGE PRIMARY C/O 1 REDUCED PRIMARY AND 2 SECONDARY CARTRIDGES PER HERMETICALLY SEALED CNTR		NO REQUIREMENT
M420	CHARGE, DEMOLITION, SHAPED, M2 SERIES, 15 LB (USMC)		NO REQUIREMENT
M456	CORD, DETONATING, REINFORCED (USMC)		NO REQUIREMENT
M474	CONTAINER, DEMOLITION CHARGE MK 1 MOD 0, EMPTY		NO REQUIREMENT
M475	CONTAINER, DEMOLITION CHARGE MK 2 MODS, EMPTY		NO REQUIREMENT
M476	CONTAINER, DEMOLITION CHARGE MK 3 MODS, EMPTY		NO REQUIREMENT
M477	CONTAINER, DEMOLITION CHARGE MK 7 MOD 1, EMPTY		NO REQUIREMENT
M478	CONTAINER, DEMOLITION CHARGE MK 7 MOD 2, EMPTY		NO REQUIREMENT
M479	CONTAINER, DEMOLITION CHARGE MK 7 MOD 3, EMPTY		NO REQUIREMENT
M480	CONTAINER, DEMOLITION CHARGE MK 7 MOD 4, EMPTY		NO REQUIREMENT
M481	CONTAINER, DEMOLITION CHARGE MK 7 MOD 5, EMPTY		NO REQUIREMENT
M482	CONTAINER, DEMOLITION CHARGE MK 7 MOD 6, EMPTY		NO REQUIREMENT
M483	CONTAINER, DEMOLITION CHARGE MK 7 MOD 7, EMPTY NSN 1375-01-077-4379 P/N 795510-7		NO REQUIREMENT
M484	CONTAINER, DEMOLITION CHARGE, MK 7 MOD 8, EMPTY		NO REQUIREMENT
M487	CONTAINER, DEMOLITION CHARGE, MK 8 MOD 1, EMPTY		NO REQUIREMENT
M507	CARTRIDGE, IMPULSE F/DROGUE GUN, PARACHUTE PKD 2 CTG/HERMETICALLY SEALED CAN		NO REQUIREMENT
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER ON MH-60S HELO	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST (P/N 901-020-012) ON MV-22 BLK B AIRCRAFT	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0	CH-53A	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN FIRE EXTINGUISHER ON CH-53D	CH-53D	SAFE

DODIC	Nomenclature	Platform	HERO Class
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE (UTILITY) HOIST ON CH-53E	CH-53E	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST ON HH-60G HELICOPTER	HH-60G	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER (LUCAS OR BREEZE MODEL) ON HH-60H	HH-60H	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE (UTILITY) HOIST ON MH-53E	MH-53E	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST ON MH-60K	MH-60K	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN AN MH-60M HELO FOR THE RAST SYSTEM CABLE CUTTER	MH-60M	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN AN MH-60R HELO FOR THE RAST SYSTEM CABLE CUTTER	MH-60R	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN AN MH-60R HELO FOR THE AQS-22 SONAR CABLE CUTTER	MH-60R	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN AN MH-60R HELO FOR THE RESCUE HOIST CABLE CUTTER. PKGD 4 PER HERMETICALLY SEALED CAN	MH-60R	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER ON MH-60S HELO	MH-60S	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE (UTILITY) HOIST ON RH-53D	RH-53D	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RAST ON SH-60B HELICOPTER	SH-60B	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER OR ON SH-60B	SH-60B	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0	SH-60B	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER (LUCAS OR BREEZE MODEL) ON SH-60B	SH-60B	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER (LUCAS OR BREEZE MODEL) ON SH-60B CORE B	SH-60B CORE B	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER ON SH-60F	SH-60F	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN AN SH-60F HELO FOR THE AQS-22 SONAR CABLE CUTTER	SH-60F	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RAST CABLE CUTTER ON SH-60F	SH-60F	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST CABLE CUTTER (LUCAS OR BREEZE MODEL) ON SH-60F	SH-60F	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST ON UH-1N	UH-1N	SAFE

DODIC	Nomenclature	Platform	HERO Class
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST (LUCAS MODEL 42305-3) ON UH-1N	UH-1N	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE (UTILITY) HOIST ON UH-1Y	UH-1Y	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST ON UH-60A	UH-60A	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST ON UH-60Q	UH-60Q	SAFE
M514	CTG., IMPULSE, MK 44 MOD 0 IN RESCUE HOIST (P/N A02E6013-2) ON V-22	V-22	SAFE
M520	CARTRIDGE, IMPULSE F/GUILLOTINE, PARACHUTE WITHDRAWAL LINE		NO REQUIREMENT
M571	CARTRIDGE, IMPULSE F/PERSONNEL RESTRAINT HARNESS TAKE- UP REEL ON A-6, EA-6B, F-4, F-8 AND F- 14A ACFT, PKG 2/HERMETICALLY SEALED METAL CNTR		NO REQUIREMENT
M591	DYNAMITE, MILITARY, M1 1375-00-724-9613		NO REQUIREMENT
M596	INITIATOR, CARTRIDGE ACTUATED, DELAY JAU-13/A, F/AV8A, HARRIER AIRCRAFT PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
M597	INITIATOR, CARTRIDGE ACTUATED, DELAY JAU-14/A, F/AV8A, HARRIER AIRCRAFT PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
M647	CARTRIDGE IMPULSE ANEROID, F/AV8A HARRIER AIRCRAFT, PKG 1/HERMETICALLY SEALED METAL CNTR		NO REQUIREMENT
M666	CARTRIDGE, IMPULSE, F/GAS GENERATOR IN EMER ESCAPE SYS OF EA-6B ACFT, PKG 1/HERMETICALLY SEALED METAL CNTR		NO REQUIREMENT
M670	FUZE, BLASTING, TIME, EXPLOSIVE LOADED		NO REQUIREMENT
M688	INITIATOR, CARTRIDGE ACTUATED, M99 W/CARTRIDGE M91, FORMERLY T30 SERIES PKG 1/HERMETICALLY SEALED BAG, 1/FIBERBOARD BOX		NO REQUIREMENT
M689	INITIATOR, CARTRIDGE ACTUATED, M53 W/IMPULSE CTG M91 PKG 1/HERMETICALLY SEALED FOIL BAG 1/FIBERBOARD BOX		NO REQUIREMENT
M757	CHARGE ASSY, DEMOLITION, M183 (USMC)		NO REQUIREMENT
M766	IGNITER, TIME BLASTING FZ, M2, M60/T2, PULL WIRE TYPE, WEATHERPROOF (USMC)		NO REQUIREMENT
M766	IGNITER, TIME BLASTING FZ, M2, M60/T2, PULL WIRE TYPE, WEATHERPROOF (NAVY)		NO REQUIREMENT
M783	CARTRIDGE, IMPULSE F/UNDERSEAT ROCKET MOTOR ON A-6A/E, EA-6B, F-4 AND F-14A ACFT, PKG 2/HERMETICALLY SEALED METAL CAN		NO REQUIREMENT
M938	ROCKET MOTOR MK 86 MOD 0, F/EA-6B AIRCRAFT		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
M938	ROCKET MOTOR, MK 86 MOD 1, F/EA-6B ACFT		NO REQUIREMENT
M939	ROCKET MOTOR MK 87 MOD 0, F/EA-6B AIRCRAFT		NO REQUIREMENT
M939	ROCKET MOTOR, MK 87 MOD 1, F/EA-6B ACFT		NO REQUIREMENT
M940	ROCKET MOTOR MK 88 MOD 0, F/EA-6B AIRCRAFT		NO REQUIREMENT
M940	ROCKET MOTOR, MK 88 MOD 1, F/EA-6B ACFT		NO REQUIREMENT
M943	CTG., S/R, IMPULSE, MK 107 MOD 0/1		SAFE
M980	CHARGE, DEMOLITION, EXPLOSIVE SHEET, 38 FT ROLL	MAN	NO REQUIREMENT
M981	CHARGE, DEMOLITION, EXPLOSIVE SHEET, 25 FT ROLL	MAN	NO REQUIREMENT
M982	CHARGE, DEMO, EXPLOSIVE SHEET, 19 FT ROLL		NO REQUIREMENT
MD16	CORD, DETONATING FCDC F/CANOPY REMOVAL SYS ON AH-1J ACFT PKG 1/ SEALED CNTR		NO REQUIREMENT
MD17	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1J ACFT PKG 1/ SEALED CNTR		NO REQUIREMENT
MD18	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1J ACFT PKG 1/ SEALED CNTR		NO REQUIREMENT
MD33	WINDOW CUTTING ASSEMBLY F/PILOTS WINDOW IN CANOPY REMOVAL SYS ON AH-1J ACFT, PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MD36	WINDOW CUTTING ASSEMBLY F/PILOTS DOOR IN CANOPY REMOVAL SYS ON AH-1J ACFT, PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MD58	CARTRIDGE, IMPULSE CCU-123/E F/LEA-20 LIGHTWEIGHT EARTH ANCHOR, INITIATED BY M6 BLASTING CAP, PKG 10 PER FBRBD BOX		NO REQUIREMENT
MD65	CTG., S/R, IMPULSE, CCU-45/B		SUSCEPTIBLE
MD65	CARTRIDGE IMPULSE, CCU-45/B IN AUXILIARY FUEL TANK ON THE CH-53D	CH-53D	SAFE
MD65	CARTRIDGE IMPULSE, CCU-45/B IN AUXILIARY FUEL TANK ON THE CH-53E	CH-53E	SAFE
MD65	CARTRIDGE IMPULSE, CCU-45/B IN AUXILIARY FUEL TANK ON THE RH-53D	RH-53D	SAFE
MD65	CARTRIDGE IMPULSE, CCU-45/B IN M139 DISPENSER JETTISON SYSTEM ON THE UH-60A BLACK HAWK HELICOPTER	UH-60A	SAFE
MD66	CARTRIDGE, IMPULSE CCU-44/B (MD66) IN STORE, REFUELING AERIAL SF31-301		SAFE
MD66	CTG., S/R, IMPULSE, CCU-44/B	AH-1J	SAFE
MD66	CTG., S/R, IMPULSE, CCU-44/B	AH-1T	SAFE
MD66	CTG., S/R, IMPULSE, CCU-44/B	C-130	SAFE

DODIC	Nomenclature	Platform	HERO Class
MD66	CARTRIDGE, IMPULSE CCU-44/B (MD66) IN AUXILIARY FUEL TANK ON CH-53D	CH-53D	SAFE
MD66	CARTRIDGE, IMPULSE CCU-44/B (MD66) IN AUXILIARY FUEL TANK ON CH-53E	CH-53E	SAFE
MD66	CTG., S/R, IMPULSE, CCU-44/B	M1A1/2	SAFE
MF21	ROCKET MOTOR, MK 79 MOD 1 SEAT BACK, F/AV-8A AND TAV-8A HARRIER AIRCRAFT		NO REQUIREMENT
MF72	INITIATOR, PROPELLANT ACTUATED JAU-27/A F/F-18/TF-18, F-14, AND AV-8B AIRCRAFT		NO REQUIREMENT
MF78	CARTRIDGE IMPULSE CCU-33/A F/PARACHUTE SPREADING GUN ASSY, PKG 1/HERMETICALLY SEALED CNTR, REPLACEMENT FOR M654		NO REQUIREMENT
MF97	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1T ACFT PKG 1/SEALED CNTR		NO REQUIREMENT
MG29	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/CPKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG30	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG31	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG32	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG33	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG34	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG35	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG36	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG37	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG38	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/C PKG 1/HEAT SEALED PLASTIC BAG		NO REQUIREMENT
MG39	CORD, DETONATING MDC F/CANOPY FRACTURING SYS ON AV-8B ACFT, PKG 1/HEAT SEALED ANTISTATIC PLASTIC BAG		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MG40	CORD, DETONATING MDC F/CANOPY FRACTURING SYS ON AV-8B ACFT, PKG 1/HEAT SEALED ANTISTATIC PLASTIC BAG		NO REQUIREMENT
MG59	CARTRIDGE, IMPULSE CCU-69A/A F/USE IN JAU-33/A CARTRIDGE ACTUATED INITIATOR AND PACIFIC SCIENTIFIC CO. INERTIAL REEL GAS GENERATOR, PKG 1/ HERMETICALLY SEALED METAL CNTR REPLACES CCU-69/A		NO REQUIREMENT
MG62	CTG., IMPULSE BBU-35/B	CH-47D	SAFE
MG62	CTG., IMPULSE BBU-35/B	CH-47D	SUSCEPTIBLE
MG62	CTG., IMPULSE BBU-35/B	CH-47F	SAFE
MG62	CTG., IMPULSE BBU-35/B	CH-47F	SUSCEPTIBLE
MG62	CTG., IMPULSE BBU-35/B	CV-22 BLOCK 0	SAFE
MG62	CTG., IMPULSE BBU-35/B	CV-22 BLOCK 10	SAFE
MG62	CTG., IMPULSE BBU-35/B	HH-60G	SAFE
MG62	CTG., IMPULSE BBU-35/B	KC-130J	SUSCEPTIBLE
MG62	CTG., IMPULSE BBU-35/B	MH-47E	SAFE
MG62	CTG., IMPULSE BBU-35/B	MH-47G	SAFE
MG62	CTG., IMPULSE BBU-35/B	MH-53J	SAFE
MG62	CTG., IMPULSE BBU-35/B	MH-60K	SAFE
MG62	CTG., IMPULSE BBU-35/B	MH-60K	SUSCEPTIBLE
MG62	CTG., IMPULSE BBU-35/B	MH-60L	SAFE
MG62	CTG., IMPULSE BBU-35/B	MH-60M	SAFE
MG62	CTG., IMPULSE BBU-35/B	MV-22B	SAFE
MG67	ROCKET MOTOR ASSY, MK 113 MOD 0 FOR A/TA-7 AIRCRAFT		NO REQUIREMENT
MJ21	CTG., IMPULSE CCU-92/A (MJ21)	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
MJ21	CTG., IMPULSE CCU-92/A (MJ21)	HH-60G	SAFE
MJ21	CTG., IMPULSE CCU-92/A (MJ21)	MH-60K	SAFE
MJ21	CTG., IMPULSE CCU-92/A	MH-60M	SAFE
MJ21	CTG., IMPULSE CCU-92/A	MH-60R	SAFE
MJ21	CTG., IMPULSE CCU-92/A (MJ21)	MH-60S	SAFE
MJ21	CTG., IMPULSE CCU-92/A	SH-60B	SAFE
MJ21	CTG., IMPULSE CCU-92/A	SH-60F	SAFE
MJ91	INITIATOR, CARTRIDGE ACTUATED JAU-52/A, F/INFLATION DEVICE ON H-46 HELICOPTER FLOTATION SYS, PKG 4/ FIBERBOARD BOX		NO REQUIREMENT
MJ91	CTG., INITIATOR, ACTUATED JAU-52/A		SAFE
MJ98	INITIATOR, CARTRIDGE ACTUATED, F/F-14, S-3, F AND TF-18 ACFT, SCOT P/N 6035100		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MJ98	CTG., INITIATOR, ACTUATED, F/F-14, S-3, F AND TF-18 ACFT, SCOT P/N 6035100		NO REQUIREMENT
ML03	FIRING DEVICE, DEMOLITION, MULTIPURPOSE, M142		NO REQUIREMENT
ML04	CUTTER, POWDER ACTUATED MK 23 MOD 0, MOD 1 EXROD		NO REQUIREMENT
ML05	CUTTER, POWDER ACTUATED MK 24 MOD 0, MOD 1 EXROD		NO REQUIREMENT
ML07	CAP BLASTING, SHIELDED ELECTRIC 24 FT WIRE LEADS F-EARTH ANCHOR		UNSAFE
ML10	CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, 30 GR/FT SMALL	MAN	NO REQUIREMENT
ML11	CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, CH-6	MAN	NO REQUIREMENT
ML11	CHARGE, DEMO, SHAPED, FLEXIBLE, LINEAR 40 GRAINS PER FT	MAN	NO REQUIREMENT
ML12	CHARGE, DEMOLITION, SHAPED FLEXIBLE, LINEAR 60 GR/FT SMALL	MAN	NO REQUIREMENT
ML13	CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR 75 GR/FT SMALL	MAN	NO REQUIREMENT
ML14	CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR 125 GRAINS PER FT	MAN	NO REQUIREMENT
ML15	CHARGE, DEMO, SHAPED, FLEXIBLE, LINEAR 225 GRAINS PER FT (USMC)	PERSONNEL-BORNE	NO REQUIREMENT
ML17	CHARGE, DEMO, SHAPED, FLEXIBLE, LINEAR 400 GRAINS PER FT	MAN	NO REQUIREMENT
ML19	CHARGE, DEMO, SHAPED, FLEXIBLE, LINEAR 600 GRAINS PER FT	PERSONNEL-BORNE	NO REQUIREMENT
MM30	CHARGE, DEMOLITION MK 140 MOD 0, FLEXIBLE, 20 GRAM		NO REQUIREMENT
MM31	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 30 GRAINS RDX PER FOOT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM32	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 40 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM33	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 60 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM35	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 125 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM38	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 225 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MM39	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 400 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM40	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 600 GRAINS RDX PER FT, EACH CHG 6 FT LONG, PKGD AS REQUIRED		NO REQUIREMENT
MM41	CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 30 GRAINS OF CH-6 PER FT, EACH CHARGE 6 FT LONG, PKG 6 SIX-FOOT LENGTHS WITH CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM42	CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 40 GRAINS OF CH-6 PER FT, EACH CHARGE 6 FT LONG; PKG 6 SIX-FOOT LENGTHS WITH CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM43	CHARGE DEMO SHAPED, FLEXIBLE, LINEAR LEAD SHEATHED, 60 GRAINS CH-6 PER FT EACH CHG 6 FT LONG; PKG SIX 6 FT LENGTHS W/CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM44	CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 75 GRAINS CH-6 PER FT EACH CHG 6-FT LONG; PKG SIX 6 FT LENGTHS W/CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM45	CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 125 GRAINS CH-6 PER FOOT EACH CHG 6-FOOT LONG; PKG SIX 6 FT LENGTHS W/CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM46	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 225 GRAINS CH-6 PER FT. EACH CHARGE SIX FOOT LONG; PACKAGED THREE (3) SIX FOOT LENGTHS W/CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM47	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 400 GRAINS CH-6 PER FOOT EACH CHARGE SIX FOOT LONG; PACKAGED THREE (3) SIX FOOT LENGTHS W/CUSHION TRAYS IN WOODEN BOX		NO REQUIREMENT
MM48	CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 600 GRAINS CH-6 PER FOOT EACH CHARGE SIX FEET LONG; PKG. (3) 6-SIX FOOT LENGTHS W/CUSHION TRAYS PER WOODEN BOX		NO REQUIREMENT
MM51	CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 143 MOD 0, 600 GRAINS/FOOT		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MM52	CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 144 MOD 0, 1200 GRAINS/FOOT		NO REQUIREMENT
MM53	CHARGE, DEMOLITION, MK 145 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 2400 GRAINS/FOOT		NO REQUIREMENT
MM54	CHARGE, DEMOLITION, MK 149 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 5400 GRAINS/FOOT		NO REQUIREMENT
MM56	DETONATOR, NONELECTRIC, MK 123 MOD 0, DUAL 100-FOOT SHOCK TUBE LEADS		NO REQUIREMENT
MN01	CANINE EXPLOSIVE SCENT KIT		NO REQUIREMENT
MN06	CAP, BLASTING: NON-ELECTRIC, DELAY, M14, 1375-01-567-5534 1375-01-482-7380		NO REQUIREMENT
MN06	CAP, BLASTING: NON-ELECTRIC, DELAY, M14, MODERNIZED DEMOLITION INITIATOR (MDI), 1375-01-415-1233		NO REQUIREMENT
MN08	IGNITER, TIME BLASTING FUSE W/SHOCK TUBE CAPABILITY M81	MAN	NO REQUIREMENT
MN11	FIRING DEVICE, DEMOLITION, DELAY TYPE, ELECTRONIC, M147	MAN	SAFE
MN41	CAP, BLASTING, NON-ELECTRIC, 20 MINUTE TIME FUSE DELAY, M18 1375-01-449-9602		NO REQUIREMENT
MN52	DETONATOR, PERCUSSION, NON-ELECTRIC WITH IN-LINE INITIATOR, DUAL MK 154 MOD 0. 100FT, 8 SPOOLS PER CNU-405/EMETAL. MILITARY SPECIFICATION/ DRAWING 30003-986AS106		NO REQUIREMENT
MN88	CAP, BLASTING, NON-ELEC XM21 W/500 FT MINITUBE		NO REQUIREMENT
MN90	CAP, BLASTING, DUAL-INITIATOR, NON-ELECTRIC, M23 WITH 1000 FEET MINITUBE. PACKAGED 4 PER FIBERBOARD BOX, 5 BOXES PER WOOD BOX		NO REQUIREMENT
MS63	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1W ACFT PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MS64	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1W ACFT PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MS66	CORD, DETONATING SMDC F/CANOPY REMOVAL SYS ON AH-1W ACFT PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MT05	INITIATOR, CARTRIDGE ACTUATED JAU-58/A, PROVIDES TIME DELAY BETWEEN FWD AND AFT EJECTION SEATS ON THE TAV-8B ACFT, PKG 1/HERMETICALLY SEALED POLY BAG, 2/FIBERBOARD BOX		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MT23	CARTRIDGE, A/C FIRE EXTINGUISHER ELECTRICALLY INITIATED SCREW IN TYPE USED ON CH53 AND MH53 HELO		SUSCEPTIBLE
MT23	CARTRIDGE, A/C FIRE EXTINGUISHER ELECTRICALLY INITIATED SCREW IN TYPE USED ON CH53 AND MH53 HELO	CH-53E	SUSCEPTIBLE
MT23	CARTRIDGE, A/C FIRE EXTINGUISHER ELECTRICALLY INITIATED SCREW IN TYPE USED ON CH53 AND MH53 HELO	MH-53E	SUSCEPTIBLE
MT28	ROCKET MOTOR, MK 121 MOD 0 F/PILOT EJECTION SEAT DIVERGENCE ON THE TAV-8B ACFT. PKG 39/WOODEN BOX		NO REQUIREMENT
MT69	CTG., A/C FIRE EXTINGUISHER, CCU-122/A	EA-6B	SAFE
MT85	CARTRIDGE, IMPULSE CCU-109/A F/EMERGENCY EXTENSION OF THE LANDING GEAR ON AV-8B/TAV-8B ACFT, PKG 1/HERMETICALLY SEALED CAN	M1A1/2	SUSCEPTIBLE
MT95	CARTRIDGE, IMPULSE, CCU-107/B, ELECTRONICALLY FIRED	AV-8B BRU-36	SAFE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION, P/N 6260802 USED IN THE BRU-59/A BOMB RACK	AH-1Z	SAFE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	CH-53E	SUSCEPTIBLE
MT95	CTG., S/R, IMPULSE CCU-107/B, F/AIRCRAFT STORES SEPARATION	KC-130J	SAFE
MT95	CARTRIDGE, IMPULSE CCU-107/B (NALC MT95) F/AIRCRAFT STORES SEPARATION, P/N 6260802	M1A1/2	SUSCEPTIBLE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	MH-60L	SUSCEPTIBLE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	MH-60M	SUSCEPTIBLE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	UH-1N	SUSCEPTIBLE
MT95	CARTRIDGE, IMPULSE CCU-107/B F/AIRCRAFT STORES SEPARATION	UH-1Y	SUSCEPTIBLE
MU40	CORD, DETONATING PETN, WTRPRF W/POLYETHYLENE OVER- EXTRUSION, COLOR PALE GREEN, 400 GRAIN PETN PER FT PKGD: 500 FT PER PLYWOOD SPOOL 1 SPOOL (500 FT) PER FBRBD BOX		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
MU42	CORD, DETONATING PETN, WTRPRF W/POLYETHYLENE OVER- EXTRUSION, COLOR CLEAR, 100 GRAIN PETN PER FT.PKDG:800-FT PER PLYWOOD SPOOL 2-SPOOLS (1600 FT) PER FIBERBOARD BX		NO REQUIREMENT
MU44	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS. ON AV-8B A/CPKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
MU45	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON AV-8B A/CPKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
MU46	CORD, DETONATING SMDC F/EJECTION SYSTEM ON AV-8B ACFT PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
MU48	CORD, DETONATING, SMDC USED TO TRANSMIT IGNITION FROM MF72 INITIATOR TO LEFT HAND PANEL MOUNTED TEE FOR CANOPY JETTISON ON F-18 AND TF-18 AIRCRAFT, REPLACES SU35, PKG 1PERANTISTATIC PLASTIC BAG		NO REQUIREMENT
MW18	CORD, DETONATING SET C/O 10 SMDC FOR USE ON AV-8B ACFT PKG 1/SEALED PLASTIC BAG		NO REQUIREMENT
MW19	CTG., ASSEMBLY F/SEAWARS	MAN	SAFE
MW93	CHAFF, COUNTERMEASURES, RR-179/AL CHAFF ROVING BUNDLE, F/ALE-43 DISPENSER, PKG 24 BUNDLES/CRATE		NO REQUIREMENT
MY70	LOAD BUILD-UP TRAINER SET, KMU-572 (D-2)/B		NO REQUIREMENT
NW20	CHAFF, COUNTERMEASURES, RR-129/L F/ALE-29A, 37A, 39, 42 AND 44 DISPENSER		NO REQUIREMENT
NW33	CHAFF, COUNTERMEASURES, RR-144/L F/ALE-29A, 37A, 39, 42 AND 44 DISPENSER PKD 30 UNITS/BOX, 8 BOXES/SHPG CNTR		NO REQUIREMENT
NW40	CHAFF, COUNTERMEASURES, RR-171/AL F/ALE-41 DISPENSER PKD ROLL 1 AND ROLL 2 PER SET, 6 SETS/12 ROLLS PER SHIPPING CNTR		NO REQUIREMENT
PC64	GUIDED MISSILE, SIDEWINDER, TRAINING, SPECIAL AIR TRAINING FLASH WARHEAD NATM-9M-1		SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	AH-1	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	AH-1W	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	AH-1Z	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	HH-60H	SAFE

DODIC	Nomenclature	Platform	HERO Class
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	MH-60R	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	SH-60B	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	SH-60B CORE B	SAFE
PC91	GUIDED MISSILE, HELLFIRE, TACTICAL, AGM-114B, W/SAFE ARM DEVICE	SH-60F	SAFE
PL87	GUIDED MISSILE, SUBSYSTEM, STINGER, PARTIAL, FIM-92D, CONTAINS RMP MISSILE RD, 3 BATTERY COOLANT UNITS		SAFE
PL87	GUIDED MISSILE, SUBSYSTEM, STINGER, PARTIAL, FIM-92D, CONTAINS RMP MISSILE RD, 3 BATTERY COOLANT UNITS	LAV-AD	SAFE
PL95	GUIDED MISSILE SUBSYSTEM, (STINGER)		SAFE
PL95	GUIDED MISSILE SUBSYSTEM, (STINGER) (USMC)	LAV-AD	SAFE
PM69	GUIDANCE AND CONTROL SECT, TACT, WGU-4E/B, F/SIDEWINDER 639AS3922-8, -9 (NAVY)		UNSAFE
PN01	BATTERY-COOLANT, UNIT, F/STINGER MISSILE		SAFE
PN16	GRIPSTOCK CONTROL GROUP, GUIDED MISSILE LAUNCHER, F/STINGER MISSILE-RMP FIM-92C		NO REQUIREMENT
PU16	GUIDED MISSILE, TOW, TACT, BGM-71E-5B	AH-1W	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR.	AH-1W	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	AH-1Z	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	AH-64	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	HH-60H	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PACKAGED 1 PER CNU-448/E SHIPPING AND STORAGE CONTAINER	MH-60L	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PACKAGED 1 PER CNU-448/E SHIPPING AND STORAGE CONTAINER	MH-60M	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	MH-60R	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	SH-60B	SAFE

DODIC	Nomenclature	Platform	HERO Class
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	SH-60B CORE B	SAFE
PV30	GUIDED MISSILE, AGM-114K, HELLFIRE, PKG 1 PER CNU-448/E S-S CNTR	SH-60F	SAFE
PV89	GUIDED MISSILE, SIDEWINDER, TACT, AIM-9M-8, W/WINGS AND FINS		SAFE
PV89	GUIDED MISSILE, SIDEWINDER, TACT, AIM-9M-8, W/WINGS AND FINS	AH-1Z	SAFE
PY15	GUIDED MISSILE, CAPTIVE AIR TRAINING MISSILE IR CATM-65F (MAVERICK)		NO REQUIREMENT
QL22	GUIDANCE SECTION, DUMMY, WGU-53 (D-2)/B		NO REQUIREMENT
SP84	CTG., A/C FIRE EXTINGUISHER, CCU-126/A, SINGLE SQUIB, LIQUID, AGENT	C-130	SAFE
SS12	CORD ASSEMBLY, DETONATING, FLEXIBLE CONFINED (FCDC) USED TO TRANSMIT BALLISTIC SIGNAL FROM THE PILOTS SEAT MOUNTED INITIATOR TO THE BALLISTIC SIGNAL TRANSMISSION SUBSYSTEM		NO REQUIREMENT
SS13	CORD ASSEMBLY, DETONATING SHIELDED MILD (SMDC) USED TO TRANSMIT BALLISTIC SIGNAL FROM THE SEAT MOUNTED INITIATOR TO THE BALLISTIC SIGNAL TRANSMISSION SUBSYSTEM AND WINDOW CUTTING ASSEMBLIES		NO REQUIREMENT
SS14	CORD, ASSEMBLY, DETONATING, SHIELDED MILD (SMDC) USED TO TRANSMIT BALLISTIC SIGNAL FROM THE SEAT MOUNTED INITIATOR TO THE BALLISTIC SIGNAL TRANSMISSION SUBSYSTEM AND WINDOW CUTTING ASSEMBLIES		NO REQUIREMENT
SS15	CORD ASSEMBLY, DETONATING, SHIELDED MILD (SMDC) USED TO TRANSMIT BALLISTIC SIGNAL FROM THE SEAT MOUNTED INITIATOR TO THE BALLISTIC SIGNAL TRANSMISSION SUBSYSTEM AND WINDOW CUTTING ASSEMBLIES		NO REQUIREMENT
SS16	CORD, ASSEMBLY, DETONATING, SHIELDED MILD (SMDC) USED TO TRANSFER A BALLISTIC SIGNAL FROM THE SEAT MOUNTED INITIATOR TO THE BALLISTIC SIGNAL TRANSMISSION SUBSYSTEM AND WINDOW CUTTING ASSEMBLIES		NO REQUIREMENT
SS17	CORD ASSEMBLY, DETONATING, FLEXIBLE CONFINED (FCDC) USED TO TRANSMIT BALLISTIC SIGNAL TO GUNNERS DOOR WINDOW CUTTING ASSEMBLY		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
SS36	CCU-136/A IMPULSE CARTRIDGE	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
SS36	CCU-136/A IMPULSE CARTRIDGE	AH-1W	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	AH-1Z	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	CH-46E	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	EA-6B	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	KC-130	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	M1A1/2	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	MH-60R	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	SH-3	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	SH-60B	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	SH-60F	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	UH-1N	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	UH-1Y	SUSCEPTIBLE
SS36	CCU-136/A IMPULSE CARTRIDGE	V-22	SUSCEPTIBLE
SS45	CORD, DETONATING; WINDOW CUTTING ASSEMBLY (GUNNERS DOOR). USED TO FRACTURE THE STRETCHED ACRYLIC WINDOW ALLOWING GROUND/WATER EGRESS		NO REQUIREMENT
SS46	CORD, DETONATING; WINDOW CUTTING ASSEMBLY (GUNNERS WINDOW). USED TO FRACTURE THE STRETCHED ACRYLIC WINDOW FOR EMERGENCY GROUND/WATER EGRESS		NO REQUIREMENT
SS66	CARTRIDGE, FIRE EXTINGUISHER, CCU-121/A, FOR V-22 AIRCRAFT	CV-22 BLOCK 0	SAFE
SS66	CARTRIDGE, FIRE EXTINGUISHER, CCU-121/A, FOR V-22 AIRCRAFT	CV-22 BLOCK 10	SAFE
SS66	CARTRIDGE, FIRE EXTINGUISHER, CCU-121/A, FOR V-22 AIRCRAFT	MV-22	SAFE
SS89	GENERATOR, GAS PRESSURE, PROPELLANT ACTUATED, GGU-16/A	CV-22 BLOCK 0	SAFE
SS89	GENERATOR, GAS PRESSURE, PROPELLANT ACTUATED, GGU-16/A	CV-22 BLOCK 10	SAFE
SS89	GENERATOR, GAS PRESSURE, PROPELLANT ACTUATED, GGU-16/A	MV-22	SAFE
SS90	GENERATOR, GAS PRESSURE GGU-17/A	CV-22 BLOCK 0	SAFE
SS90	GENERATOR, GAS PRESSURE GGU-17/A	CV-22 BLOCK 10	SAFE
SS90	GENERATOR, GAS PRESSURE GGU-17/A	MV-22	SAFE
SS91	GENERATOR GAS, LUBE BAY EXTINGUISHER GGU-18/A	CV-22 BLOCK 0	SAFE
SS91	GENERATOR GAS, LUBE BAY EXTINGUISHER GGU-18/A	CV-22 BLOCK 10	SAFE
SS91	GENERATOR GAS, LUBE BAY EXTINGUISHER GGU-18/A	MV-22	SAFE
SS92	GENERATOR GAS, V22 WING TIP RIB BAY FIRE EXTINGUISHER GGU-19/A	CV-22 BLOCK 0	SAFE

DODIC	Nomenclature	Platform	HERO Class
SS92	GENERATOR GAS, V22 WING TIP RIB BAY FIRE EXTINGUISHER GGU-19/A	CV-22 BLOCK 10	SAFE
SS92	GENERATOR GAS, V22 WING TIP RIB BAY FIRE EXTINGUISHER GGU-19/A	MV-22	SAFE
SS93	GENERATOR GAS, V-22 WING FEED TANK BAY. GGU-20/A.	CV-22 BLOCK 0	SAFE
SS93	GENERATOR GAS, V-22 WING FEED TANK BAY. GGU-20/A.	CV-22 BLOCK 10	SAFE
SS93	GENERATOR GAS, V-22 WING FEED TANK BAY. GGU-20/A.	MV-22	SAFE
SU01	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU02	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU03	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU04	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU05	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU06	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU07	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU08	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU09	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU10	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU11	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU12	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU13	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
SU14	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU15	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU16	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU17	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU18	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU19	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU20	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU21	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU22	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU23	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU24	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU25	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU26	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU27	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU28	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU30	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU31	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
SU32	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU33	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU34	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU36	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU37	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU38	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU39	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU40	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU41	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU42	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU43	CORD, DETONATING SMDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/ANTISTATIC PLASTIC BAG		NO REQUIREMENT
SU44	CORD, DETONATING FCDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/HEAT SEALED PLASTIC BAG, 1/WOOD CRATE		NO REQUIREMENT
SU45	CORD, DETONATING FCDC F/CANOPY FRACTURING SYS ON TAV-8B ACFT, PKG 1/HEAT SEALED PLASTIC BAG, 1/WOOD CRATE		NO REQUIREMENT
SU46	CORD, DETONATING MDC F/FWD CANOPY PERIPHERY ON TAV-8B ACFT, PKG 1/WOOD CRATE		NO REQUIREMENT
SU47	CORD, DETONATING MDC F/FWD CANOPY OVERHEAD ON TAV-8B ACFT PKG 1/WOOD CRATE		NO REQUIREMENT
SU48	CORD, DETONATING MDC F/AFT CANOPY PERIPHERY ON TAV-8B ACFT, PKG 1/WOOD CRATE		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
SU49	CORD, DETONATING MDC F/AFT CANOPY OVERHEAD ON TAV-8B ACFT PKG 1/WOOD CRATE		NO REQUIREMENT
T045	DUMMY TORPEDO, MK 46 MOD 1, STEEL		NO REQUIREMENT
VX99	SIMULATOR, STINGER LAUNCH STLS MISSILE	MAN	SUSCEPTIBLE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A, PKG 60 PER STEEL CAN	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	AH-1W	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A, PKG 60 PER STEEL CAN	AH-1Z	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	CH-46E	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	CH-53D	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	CH-53E	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	CV-22 BLOCK 0	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	EA-6B	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	HH-60H	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	KC-130	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	KC-130J	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	KC-130T	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	M1A1/2	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	MH-53E	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A, PKG 60 PER STEEL CAN	MH-60R	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	RC-7	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A, PKG 60 PER STEEL CAN	SH-60B	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A, PKG 60 PER STEEL CAN	SH-60F	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	UH-1N	SAFE
WA83	CARTRIDGE, IMPULSE ASSEMBLY CCU-136A/A	UH-1Y	SAFE

DODIC	Nomenclature	Platform	HERO Class
WA98	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITION IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLY. ONE PKG BAG. ONE FIBERBOARD CONTAINER.		NO REQUIREMENT
WA99	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITIONS IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLIES		NO REQUIREMENT
WB01	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITIONS IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLIES		NO REQUIREMENT
WB02	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITIONS IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLY		NO REQUIREMENT
WB03	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITIONS IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLIES		NO REQUIREMENT
WB04	CORD ASSEMBLY, DETONATING, THIS DCA USES A PERCUSSION PRIMER TO ACCEPT A MECHANICAL INPUT AND TRANSITIONS IT TO A DETONATION OUTPUT TO INITIATE THE SEVERANCE ASSEMBLIES		NO REQUIREMENT
WB05	CORD ASSEMBLY, DETONATING, THIS DCA ACTS AS A ONE-WAY TRANSFER BETWEEN THE HATCH SEVERANCE ASSEMBLIES ON THE THREE PORT CONNECTOR		NO REQUIREMENT
WB06	CORD ASSEMBLY, DETONATING FOR V-22 AIRCRAFT SEAT DROP THRUSTER		NO REQUIREMENT
WB24	CARTRIDGE, IMPULSE, CCU-145/A		SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	C-12	SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	HH-60G	SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	KC-130J	SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	KC-130T	SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	MTVR	SAFE
WB24	CARTRIDGE, IMPULSE, CCU-145/A	UH-1N	SAFE
WB34	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, CANOPY RIGHT HAND. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE POLYCARBONATE SIDE CANOPY WINDOW.		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
WB35	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, CANOPY LEFT HAND. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE POLYCARBONATE SIDE CANOPY WINDOW.		NO REQUIREMENT
WB36	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, HATCH FORWARD. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE GRAPHITE EPOXY COMPOSITE SIDE CABIN FUSELAGE.		NO REQUIREMENT
WB37	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, HATCH STARBOARD. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE GRAPHITE EPOXY COMPOSITE SIDE CABIN FUSELAGE.		NO REQUIREMENT
WB38	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, HATCH PORT. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE GRAPHITE EPOXY COMPOSITE SIDE CABIN FUSELAGE.		NO REQUIREMENT
WB39	SHAPED CHARGE ASSEMBLY, FLEXIBLE LINEAR, HATCH OVERHEAD. THIS ASSEMBLY CONSISTS OF A FIBERGLASS RETAINER AND LEAD SHEATHED FLEXIBLE LINEAR SHAPED CHARGE TO EXPLOSIVELY SEVER THE GRAPHITE EPOXY COMPOSITE OVERHEAD CABIN FUSELAGE.		NO REQUIREMENT
WB42	EXTERNALLY MOUNTED INITIATOR IS USED AT ALL 6 EGRESS STATIONS TO PROVIDE GROUND RESCUE PERSONAL THE ABILITY TO FUNCTION THE HATCH SEVERANCE ASSEMS. DISENGAGING THE INITIATOR HANDLE FROM THE HOUSING, UN-REELING THE STEEL WIRE LANYARD & PULLING THE HANDLE FUNCTIONS THE MECHANICAL FIRING MECHANISM.		NO REQUIREMENT
WB43	TCU-5/1 THRUSTER CARTRIDGE ACTUATED OPERATES AS SENT DROP THRUSTER WHEN INITIATOR, CARTRIDGE ACTUATED JAU-73/A IS OPERATED IN TROOP COMPARTMENT. IT ACCEPTS BALLISTIC PRESSURE FROM A DETONATING CORD ASSEMBLY TO STROKE PISTON, ROTATING CAM MECHANISM DROPPING SEATS BLOCKING EGRESS HATCH.		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	CH-47F	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	HH-60G	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	HH-60H	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	HH-60J	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A IN MH-47G AC	MH-47G	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	MH-60L	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	MH-60M	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	MH-60R	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	SH-60B	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	SH-60F	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	UH-1N	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	UH-60A	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	UH-60L	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	UH-60M	SAFE
WB53	CTG., AIRCRAFT FIRE EXTINGUISHER, CCU-147/A	VH-60N	SAFE
WF15	GUIDED MISSILE, HELLFIRE AGM-114M	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
WF15	GUIDED MISSILE, HELLFIRE AGM-114M	AH-1W	SAFE
WF15	GM, HELLFIRE, AGM-114M	MH-60L	SAFE
WF15	GM, HELLFIRE, AGM-114M	MH-60M	SAFE
WF15	GUIDED MISSILE, HELLFIRE AGM-114M	SH-60B	SAFE
WF18	GM HARM CATM-88C-1 BLK V		SAFE
WF19	GM HARM ATM-88B BLK IIIA		SAFE
WF20	GM HARM AGM-88B, BLK IIIA		SAFE
WF21	GM HARM AGM-88B BLK IIIA		SAFE
WF22	GM HARM AGM-88C-1 BLK V		SAFE
WF23	GM CATM-88B HARM BLK IIIA		SAFE

DODIC	Nomenclature	Platform	HERO Class
WF87	GUIDED MISSILE, AGM-154A, AUR	F/A-18C/D	SAFE
WF87	GUIDED MISSILE, AGM-154A, AUR	F/A-18E/F	SAFE
WF96	GUIDED MISSILE, SURFACE ATTACK AGM-114N	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV)	SAFE
WF96	GUIDED MISSILE, SURFACE ATTACK AGM-114N	AH-1W	SAFE
WF96	GUIDED MISSILE, SURFACE ATTACK AGM-114N	MH-60M	SAFE
WF96	GUIDED MISSILE, SURFACE ATTACK AGM-114N	SH-60B	SAFE
XW32	ARMING CABLE F/LASER GUIDED BOMB		NO REQUIREMENT
XW36	CARTRIDGE, CATAPULT MK 205 MOD 1 USED ON SJU-4/A AND SJU-8/A EJECTION SEAT FOR AV-8A, 8C, TAV-8A, 8C AIRCRAFT		NO REQUIREMENT
XW37	ARMING WIRE COMPOSITE F/MK 82 G.P. BOMBS; C/O 1 MK 9 MOD 0 ARMING WIRE ASSY 46.75 IN LONG, 1 SAFETY CLIP, 1 SWIVEL AND RING ASSY AND 1 FERRULE; MK 9 MOD 0 ARMING WIRE ASSY, SAFETY CLIP AND FERRULE PRE-ASSEMBLED; PKG 50 EA/CNU-408/E CNTR		NO REQUIREMENT
XW38	ARMING WIRE ACCESSORY KIT: C/O 500 SAFETY CLIPS, 500 RING AND SWIVEL ASSYS AND 500 FERRULES		NO REQUIREMENT
XW39	FERRULE, FOR USE ON ARMING WIRE ASSEMBLIES NSN 1325-01-155-0140 P/N 923AS187 NSN 1325-01-286-8068 P/N 923AS187		NO REQUIREMENT
XW40	CLIP, SAFETY FOR USE ON ARMING WIRE ASSEMBLIES		NO REQUIREMENT
XW52	INITIATOR, MECHANICAL SMDC JAU-25/A OEA P/N 2915100-1		NO REQUIREMENT
XW53	CONTROL, EXPLOSIVE SEQUENCE, DCU241/A USED TO DETERMINE SINGLE OR DUAL EJECTION IN THE TF-18 AIRCRAFT TF-18 AIRCRAFT, PKG 1/HERMETICALLY SEALED METAL CNTR		NO REQUIREMENT
XW54	INITIATOR, EXPLOSIVE ACTUATED, JAU-23/A, 0.4 SEC DELAY, F/TF-18 AIRCRAFT ESCAPE SYSTEM PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
XW70	SAFETY ARMING DEVICE, DETONATOR FOR AH-1T HELICOPTER CANOPY REMOVAL SYSTEM, PKG 1/SEALED CNTR 10/WOODEN BOX		NO REQUIREMENT

DODIC	Nomenclature	Platform	HERO Class
XW71	SWITCH, EXPLOSIVE ACTUATED SWU-62/A FOR AIRCREW ESCAPE SYSTEM ON F-18, TF-18 AND AV-8B A/C PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
XW72	INITIATOR, EXPLOSIVE ACTUATED, JAU-29/A, F/TF-18 AIRCRAFT ESCAPE SYSTEM PKG 3/HERMETICALLY SEALED CNTR		NO REQUIREMENT
XW77	ACTUATOR, MECHANICAL ATU-96/A F/CANOPY FRACTURING SYS ON AV-8B AND TAV-8 ACFT, PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
XW78	INITIATOR, MECHANICAL ACTUATED JAU-32/A, F/CANOPY FRACTURING SYSTEM IN AV-8B A/C, PKG 1/HERMETICALLY SEALED CNTR		NO REQUIREMENT
YW33	ROCKET MOTOR, GTR-18 SMOKEY SAM PKG 12 W/12 IGNITERS		NO REQUIREMENT
YW33	ROCKET MOTOR, MISSILE PLUME SIMULATOR, "SMOKEY SAM"		NO REQUIREMENT