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## MARINE CORPS TRAINING AND USE OF HUMAN ELECTRO-MUSCULAR INCAPACITATION (HEMI) DEVICES

Date Signed: 10/2/2008

MARADMINS Active Number: 560/08

R 020036Z OCT 08

MARADMIN 560/08

MSGID/GENADMIN/CMC WASHINGTON DC/PPO PS//

SUBJ/MARINE CORPS TRAINING AND USE OF HUMAN ELECTRO-MUSCULAR  
/INCAPACITATION (HEMI) DEVICES//

REF/A/MSGID:DODD 3000.3 /09JUL96/DMY:21112003/RECERT//

REF/B/MSGID:JNLWD/HECOE REPORT/DMY:14012005//

REF/C/MSGID:JNLWD/HERB REPORT/MAY2002//

REF/D/MSGID:JNLWD/HEAP REPORT/DMY:16022006//

REF/E/MSGID:CJCSI/3121.01B/DMY:13062005//

REF/F/DESC:MARCORSYSCOM SAFETY RELEASE FOR THE TASER (X26E)/3100/-  
/11JAN07//

AMPN/REF A IS DOD DIRECTIVE 3003.3, DEPARTMENT OF DEFENSE POLICY FOR NON-LETHAL WEAPONS. REF B IS JNLWD HUMAN EFFECTS CENTER OF EXCELLENCE (HECOE) STUDY ON THE RISK CHARACTERIZATION ASSOCIATED WITH HEMI DEVICES. REF C IS JNLWD HUMAN EFFECTS REVIEW BOARD (HERB) REPORT OF REVIEW OF TASER MAY 2002. REF D IS HUMAN EFFECTS ADVISORY PANEL (HEAP) REVIEW OF THE HUMAN ELECTRO-MUSCULAR INCAPACITATION (HEMI) BIOEFFECTS RESEARCH AND DEVELOPMENT ROADMAP FEBRUARY 2006. REF E IS CJCSI 3121.01B SROE/SRUF FOR US FORCES. REF F IS THE MARCORSYSCOM SAFETY RELEASE FOR THE X26E TASER.//

POC/STEPHEN SIMPSON/LTCOL/UNIT:HQMC PSL/NAME:PENTAGON

/TEL:DSN 222-4251/-//

GENTXT/REMARKS/1. PURPOSE. PER REF A, THIS MARADMIN PROVIDES

POLICY AND GUIDANCE FOR THE USE AND TRAINING OF HUMAN ELECTRO-MUSCULAR INCAPACITATION (HEMI) DEVICES WITHIN THE USMC.

2. EFFECTIVE DATE AND APPLICATION. THIS MARADMIN IS EFFECTIVE IMMEDIATELY AND APPLIES TO THE TOTAL FORCE MARINE CORPS, TO INCLUDE COMMANDS WITH CIVILIAN PERSONNEL SERVING IN POSITIONS AUTHORIZED TO UTILIZE HEMI DEVICES.

3. BACKGROUND. HEMI DEVICES HAVE BEEN IN USE BY CIVILIAN LAW ENFORCEMENT AGENCIES TO SUBDUE NONCOMPLIANT INDIVIDUALS FOR A NUMBER OF YEARS. HEMI DEVICES USE A HIGH VOLTAGE LOW AMPERAGE ELECTRICAL STIMULUS TO OVERRIDE THE CENTRAL NERVOUS SYSTEM INTERRUPTING VOLUNTARY CONTROL OF SKELETAL MUSCLES AND CAUSING UNCONTROLLABLE MUSCLE CONTRACTIONS. THE CURRENT USMC APPROVED HEMI DEVICE, THE X26E TASER, DISCHARGES TWO PROBES FROM THE LAUNCH PLATFORM. THE PROBES ARE ATTACHED TO THE PLATFORM VIA WIRE LEADS THAT TRAIL BEHIND THE PROBES IN FLIGHT. A HIGH VOLTAGE LOW AMPERAGE ELECTRICAL STIMULUS IS THEN DELIVERED FROM THE PLATFORM DOWN THE LEADS AND THROUGH THE PROBES EMBEDDED IN THE TARGETED INDIVIDUAL. COMMON EFFECTS ASSOCIATED WITH HEMI EXPOSURE INCLUDE INVOLUNTARY MUSCLE CONTRACTIONS, LOSS OF POSTURE CONTROL, ETC (REFS B, C, AND D).

4. MARINE CORPS POLICY. THE FOLLOWING ESTABLISHES MARINE CORPS POLICIES FOR TRAINING, EQUIPING AND EMPLOYING HEMI DEVICES.

A. CLASSIFICATION. THE DEPARTMENT OF DEFENSE CURRENTLY USES THE X26E TASER. THE X26E TASER IS MANUFACTURED BY TASER INTERNATIONAL INCORPORATED. THE X26E TASER IS THE ONLY HEMI DEVICE APPROVED FOR USE BY U.S. MARINES FOR USE/CONTINUUM OF FORCE APPLICATION, FORCE PROTECTION AND SECURITY PURPOSES. THE X26E TASER IS AVAILABLE FOR MILITARY PURCHASE VIA AARDVARK TACTICAL INC. AND CARRIES NATIONAL STOCK NUMBER (NSN) 1095-01-543-2189. THE X26E TASER DELIVERS .0021 AMPERES/50,000 VOLTS TO SUBDUE AN INDIVIDUAL. THERE ARE 4 PROJECTILE CARTRIDGES AVAILABLE FOR THE MARINE CORPS.

(1) 21FT SIMULATION CARTRIDGE: CARTRIDGE WITH NON-CONDUCTIVE WIRE TETHERS USED FOR TRAINING AT DISTANCES UP TO 21 FEET. BLUE CARTRIDGE WITH BLUE BLAST DOORS. NSN 1095-01-528-6893.

(2) 21FT STANDARD: A CONDUCTIVE CARTRIDGE USED TO INCAPACITATE A SUBJECT AT DISTANCES UP TO 21 FEET. BLACK CARTRIDGE WITH SILVER

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Lance Cpl. Johnathon B. Mata, an electro-optics ordnance repairer with Ordnance Maintenance Company, 3rd Maintenance Battalion, Combat ...



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"I'm indebted to her. She's the reason why I have my daughter here still. She is family now."  
— Jennifer Barela, neighbor of HMC Jaclyn Place

Place's medical expertise and immediate action, paired with the assistance of nearby Marines, helped both Jennifer and her daughter survive this violent domestic attack.



BLAST DOORS. NSN 1095-01-528-6894.

(3) 25FT XP: A CONDUCTIVE CARTRIDGE USED TO INCAPACITATE A SUBJECT WEARING BULKY CLOTHING AT DISTANCES UP TO 25 FEET. BLACK CARTRIDGE WITH GREEN BLAST DOORS. NSN 1095-01-533-1733.

(4) 35FT XP: A CONDUCTIVE CARTRIDGE USED TO INCAPACITATE A SUBJECT WEARING BULKY CLOTHING AT DISTANCES UP TO 35 FEET. BLACK CARTRIDGE WITH ORANGE BLAST DOORS. NSN 1095-01-545-5742.

B. TRAINING. THE FOLLOWING ESTABLISHES POLICY AND PROCEDURES REGARDING THE TRAINING OF INSTRUCTORS AND USERS PRIOR TO EMPLOYMENT OF THE X26E TASER.

(1) INSTRUCTORS

(A) TRAINING FOR MARINES AND CIVILIAN/CONTRACTOR LAW ENFORCEMENT/SECURITY PERSONNEL IN THE PROPER EMPLOYMENT AND CERTIFICATION OF THE X26E TASER IS CONDUCTED AT THE INTERSERVICE NON-LETHAL INDIVIDUAL WEAPONS INSTRUCTOR COURSE (INIWIC), BY AAN INIWIC MOBILE TRAINING TEAM, OR A CMC (PSL) APPROVED X26E TASER INSTRUCTOR PROGRAM.

(B) CONTACT CMC (PSL) FOR A LIST OF APPROVED X26E TASER INSTRUCTOR TRAINING PROGRAMS.

(C) RECERTIFICATION FOR ALL X26E TASER INSTRUCTORS WILL BE COMPLETED AT A MINIMUM OF EVERY 2 YEARS.

(D) A SUFFICIENT NUMBER OF INSTRUCTORS MUST BE MAINTAINED AT INSTALLATIONS AND IN THE MARINE EXPEDITIONARY FORCES TO ENSURE THAT UNITS AND INDIVIDUALS EQUIPPED WITH THE X26E TASER ARE PROPERLY TRAINED.

(E) THERE IS NO REQUIREMENT FOR INSTRUCTORS TO BE EXPOSED DURING CERTIFICATION. INDIVIDUALS VOLUNTEERING FOR EXPOSURE SHALL RECEIVE NO MORE THAN (1) FIVE-SECOND EXPOSURE FROM THE X26E TASER.

VOLUNTARY EXPOSURE MAY BE CONDUCTED USING THE 21FT ALLIGATOR CLIP METHOD OR BY FIRING A 25FT XP CONDUCTIVE CARTRIDGE AT THE INDIVIDUAL. EYE PROTECTION AND SPOTTERS WILL BE USED WHEN FIRING PROBES AT INDIVIDUALS DURING TRAINING.

(F) MEDICAL SUPPORT. ALL PRACTICAL APPLICATION AND EXPOSURE TRAINING WILL BE CONDUCTED WITH A CORPSMAN OR COMBAT LIFE SAVER (CLS) PRESENT AND EQUIPPED WITH APPROPRIATE MEDICAL EQUIPMENT.

(2) USERS

(A) PRIOR TO ISSUANCE OF THE X26E TASER, USERS ARE REQUIRED TO COMPLETE X26E TASER TRAINING CONDUCTED BY A CERTIFIED X26E TASER INSTRUCTOR.

(B) TRAINING WILL INCLUDE CLASSROOM INSTRUCTION AND PRACTICAL APPLICATION.

(C) CLASSROOM TRAINING. CLASSROOM INSTRUCTION WILL ENSURE USERS UNDERSTAND AND CAN IDENTIFY THE INTENDED PURPOSE, FUNCTION NOMENCLATURE, CHARACTERISTICS, AND EQUIPMENT ASSOCIATED WITH THE CARE AND USE OF THE X26E TASER.

(D) PRACTICAL APPLICATION. PRACTICAL APPLICATION WILL CONSIST OF FUNCTION CHECK PROCEDURES, CARTRIDGE LOADING AND UNLOADING, PROPER ENGAGEMENT OF TARGETS, AND THE CONDUCT OF PREVENTATIVE MAINTENANCE CHECKS AND SERVICES. DURING QUALIFICATION, USERS WILL BE REQUIRED TO EFFECTIVELY ENGAGE TARGETS WITH (2) 25FT XP CONDUCTIVE CARTRIDGES TO ENSURE FAMILIARITY WITH THE X26E TASER OPERATING SYSTEM.

(E) EXPOSURE. THERE IS NO REQUIREMENT FOR INDIVIDUALS TO BE EXPOSED PRIOR TO BEING ISSUED AN X26E TASER. INDIVIDUALS VOLUNTEERING FOR EXPOSURE SHALL RECEIVE NO MORE THAN (1) FIVE-SECOND EXPOSURE FROM THE X26E TASER. VOLUNTARY EXPOSURE MAY BE CONDUCTED USING THE 21FT ALLIGATOR CLIP METHOD OR BY FIRING A 25FT XP CONDUCTIVE CARTRIDGE AT THE INDIVIDUAL. EYE PROTECTION AND SPOTTERS WILL BE USED WHEN FIRING PROBES AT INDIVIDUALS DURING TRAINING.

(F) MEDICAL SUPPORT. ALL PRACTICAL APPLICATION AND EXPOSURE TRAINING WILL BE CONDUCTED WITH A CORPSMAN OR CLS PRESENT AND EQUIPPED WITH APPROPRIATE MEDICAL EQUIPMENT.

(G) USER CERTIFICATION IS VALID FOR 1-YEAR. ANNUAL RECERTIFICATION CONSISTS OF FIRING AT LEAST (1) 25FT XP CONDUCTIVE CARTRIDGE IN ADDITION TO ANY LOCALLY MANDATED TRAINING.

C. EMPLOYMENT. COMMANDERS SHOULD CONSULT THEIR STAFF JUDGE ADVOCATE FOR CLARIFICATION ON ANY ISSUES NOT COVERED BY THIS MARADMIN, REF D, OR REF E.

(1) EMPLOYMENT PARAMETERS. THE USE OF SERVICE APPROVED UNIT ISSUED X26E TASERS IS AUTHORIZED FOR USE/CONTINUUM OF FORCE APPLICATION, FORCE PROTECTION AND SECURITY PURPOSES IN THE CONDUCT OF MAJOR OPERATIONS AND CAMPAIGNS, IN CRISIS RESPONSE AND LIMITED CONTINGENCY OPERATIONS AND ON UNITED STATES BASES, POSTS, EMBASSY GROUNDS, AND INSTALLATIONS IN ACCORDANCE WITH REFERENCE E.

(2) AS A NON-LETHAL WEAPON, THE EMPLOYMENT OF THE X26E TASER REMAINS SUBJECT TO THE STANDING RULES OF ENGAGEMENT (ROE) OR RULES ON THE USE OF FORCE SPECIFIC TO THE CAMPAIGN/OPERATION AND MUST BE CONSIDERED PRIOR TO ISSUANCE AND EMPLOYMENT. REF F OUTLINES THE HAZARDS AND RECOMMENDATIONS FOR USE.

(3) THE X26E TASER IS THE ONLY HEMI DEVICE APPROVED FOR USE BY U.S. MARINES FOR USE/CONTINUUM OF FORCE APPLICATION, FORCE PROTECTION AND SECURITY PURPOSES.



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- (4) THE X26E TASER MAY ALSO BE USED BY MILITARY AND CIVILIAN LAW ENFORCEMENT PERSONNEL IN THE PERFORMANCE OF LAW ENFORCEMENT ACTIVITIES:
- (A) ON-BASE.
  - (B) OFF-BASE, WHEN AUTHORIZED UNDER TITLE 10 AND TITLE 18, UNITED STATES CODE, IN THE UNITED STATES AND ITS TERRITORIES AND POSSESSIONS.
  - (C) ON-BASE OVERSEAS.
  - (D) OFF-BASE OVERSEAS IN THOSE COUNTRIES WHERE SUCH USE IS SPECIFICALLY AUTHORIZED BY THE HOST-NATION GOVERNMENT.
  - (E) THE X26E TASER MAY BE USED OFF-BASE (WORLDWIDE) UNDER THE SAME CONDITIONS AS THOSE AUTHORIZED FOR THE USE OF LETHAL FORCE.
  - (F) THE X26E TASER MAY BE USED IN TRAINING.
- (5) THE EMPLOYMENT OF THE X26E TASER IS COUPLED WITH THE REQUIREMENT TO BE PREPARED TO PROVIDE FIRST AID TO THE SUBJECT WHEN REASONABLE.
5. REPORTING. COMMANDS WILL REPORT ANY X26E TASER ATTRIBUTED ADVERSE EFFECT SUFFICIENT TO REQUIRE TREATMENT BY A MEDICAL PROVIDER PER UNIT/INSTALLATION SERIOUS INCIDENT REPORTING GUIDELINES.
6. RELEASE AUTHORIZED BY MR. RAYMOND F. GEOFFROY, ASSISTANT DEPUTY COMMANDANT FOR PLANS, POLICIES AND OPERATIONS, SECURITY DIVISION.//

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