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From: Commandant of the Marine Corps
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Subj: ASSAULT AMPHIBIOUS VEHICLE TRAINING AND READINESS MANUAL

Encl: (1) New page iii insert to NAVMC 3500.2B
(2) New Chapter 1 insert to NAVMC 3500.2B
(3) New Chapter 7 insert to NAVMC 3500.2B
(4) New Chapter 8 insert to NAVMC 3500.2B
(5) New Appendix G insert to NAVMC 3500.2B

1. Purpose. To transmit new page, chapters, and appendix inserts to the basic manual.
2. Scope Remove page iii and chapters 1, 7, and 8 and replace with corresponding enclosures. Add Appendix G at the end of the manual.
3. Information
 - a. This change is the result of an out-of-cycle Training and Readiness Manual review conducted by Training and Education Command (TECOM); Deputy Commandant for Plans, Policies, and Operations; and the Operating Forces.
 - b. National Defense Authorization Act FY 15 directs the services to develop gender-neutral occupational standards, which accurately predict performance of actual, regular, and recurring duties of a military occupation, and are applied equitably to measure individual capabilities. TECOM, in coordination with the OCCFLD Advocates, the Operating Forces, and the Supporting Establishments, developed Military Occupational Specialty (MOS)-specific physical standards, which were approved on 20 August 2015.
 - c. A new paragraph has been inserted within Chapter 1 describing MOS-specific physical standards, which are found within the administrative instructions pertaining to particular Chapter 7 and 8 Events.

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

These MOS-specific physical standards are described in detail within Appendix G, and must be demonstrated in order to achieve MOS-qualification.

4. Filing Instructions. This change transmittal will be filed immediately following the signature page of the basic manual.


J. W. LUKEMAN
By direction

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AAV T&R MANUAL

TABLE OF CONTENTS

CHAPTER

1. OVERVIEW

2. MISSION ESSENTIAL TASKS LIST
MATRIX

3. BATTALION COMPANY-LEVEL
COLLECTIVE EVENTS

4. PLATOON-LEVEL COLLECTIVE
EVENTS

5. SECTION & CREW-LEVEL
COLLECTIVE EVENTS

6. MOS 1803 INDIVIDUAL EVENTS

7. MOS 1833 INDIVIDUAL EVENTS

8. AA BN LOW DENSITY MOS EVENTS

APPENDICES

A. TERMS AND DEFINITIONS

B. T&R CHANGES

C. AMMUNITION REQUIREMENTS

D. SIMULATION

E. ACROMYMS AND ABBREVIATIONS

F. GUNNERY INDIVIDUAL AND
COLLECTIVE EVENTS

G. MOS-SPECIFIC PHYSICAL
STANDARDS

AAV T&R MANUAL

CHAPTER 1

OVERVIEW

	<u>PARAGRAPH</u>	<u>PAGE</u>
INTRODUCTION.	1000	1-2
UNIT TRAINING	1001	1-2
UNIT TRAINING MANAGEMENT.	1002	1-3
SUSTAINMENT AND EVALUATION OF TRAINING.	1003	1-3
ORGANIZATION.	1004	1-4
T&R EVENT CODING.	1005	1-4
COMBAT READINESS PERCENTAGE (CRP)	1006	1-6
CRP CALCULATION	1007	1-7
T&R EVENT COMPOSITION	1008	1-7
CHEMICAL BIOLOGICAL RADIOLOGICAL NUCLEAR (CBRN) TRAINING. . .	1009	1-11
NIGHT TRAINING.	1010	1-12
MOS-SPECIFIC PHYSICAL STANDARDS	1011	1-12
OPERATIONAL RISK MANAGEMENT (ORM)	1012	1-12
MARINE CORPS GROUND T&R PROGRAM	1013	1-13

AAV T&R MANUAL

CHAPTER 1

OVERVIEW

1000. INTRODUCTION

1. The T&R Program is the Corps' primary tool for planning, conducting, and evaluating training and assessing training readiness. Subject matter experts (SMEs) from the operating forces developed core capability Mission Essential Task List(s) (METLs) for ground communities derived from the Marine Corps Task List (MCTL). This T&R Manual is built around these METLs and other related Marine Corps Tasks (MCT). All events contained in the Manual relate directly to these METLs and MCTs. This comprehensive T&R Program will help to ensure the Marine Corps continues to improve its combat readiness by training more efficiently and effectively. Ultimately, this will enhance the Marine Corps' ability to accomplish real-world missions.

2. The T&R Manual contains the individual and collective training requirements to prepare units to accomplish their combat mission. The T&R Manual is not intended to be an encyclopedia that contains every minute detail of how to accomplish training. Instead, it identifies the minimum standards that Marines must be able to perform in combat. The T&R Manual is a fundamental tool for commanders to build and maintain unit combat readiness. Using this tool, leaders can construct and execute an effective training plan that supports the unit's METL. More detailed information on the Marine Corps Ground T&R Program is found in reference (a).

3. The T&R Manual is designed for use by unit commanders to determine pre-deployment training requirements in preparation for training and for Formal Learning Centers (FLCs) and Training Detachments to create courses of instruction. This directive focuses on individual and collective tasks performed by operating forces (OPFOR) units and supervised by personnel in the performance of unit Mission Essential Tasks (METs).

1001. UNIT TRAINING

1. The training of Marines to perform as an integrated unit in combat lies at the heart of the T&R program. Unit and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform critical skills required in combat is essential. However, it is not necessary to have all individuals within a unit fully trained in order for that organization to accomplish its assigned tasks. Manpower shortfalls, temporary assignments, leave, or other factors outside the commander's control, often affect the ability to conduct individual training. During these periods, unit readiness is enhanced if emphasis is placed on the individual training of Marines on-hand. Subsequently, these Marines will be mission ready and capable of executing as part of a team when the full complement of personnel is available.

2. Commanders will ensure that all tactical training is focused on their combat mission. The T&R Manual is a tool to help develop the unit's training plan. In most cases, unit training should focus on achieving unit proficiency in the core METL. However, commanders will adjust their training focus to support METLs associated with a major Operational Plan (OPLAN)/Contingency Plan (CONPLAN) or named operation as designated by their higher commander and reported accordingly in the DRRS. Tactical training will support the METL in use by the commander and be tailored to meet T&R standards. Commanders at all levels are responsible for effective combat training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be over emphasized.

3. Commanders will provide personnel the opportunity to attend formal and operational level courses of instruction as required by this Manual. Attendance at all formal courses must enhance the warfighting capabilities of the unit as determined by the unit commander.

1002. UNIT TRAINING MANAGEMENT

1. Unit Training Management (UTM) is the application of the Systems Approach to Training (SAT) and the Marine Corps Training Principles. This is accomplished in a manner that maximizes training results and focuses the training priorities of the unit in preparation for the conduct of its wartime mission.

2. UTM techniques, described in references (b) and (e), provide commanders with the requisite tools and techniques to analyze, design, develop, implement, and evaluate the training of their unit. The Marine Corps Training Principles, explained in reference (b), provide sound and proven direction and are flexible enough to accommodate the demands of local conditions. These principles are not inclusive, nor do they guarantee success. They are guides that commanders can use to manage unit-training programs. The Marine Corps training principles are:

- Train as you fight
- Make commanders responsible for training
- Use standards-based training
- Use performance-oriented training
- Use mission-oriented training
- Train the MAGTF to fight as a combined arms team
- Train to sustain proficiency
- Train to challenge

3. To maintain an efficient and effective training program, leaders at every level must understand and implement UTM. Guidance for UTM and the process for establishing effective programs are contained in references (b), (e) and (f).

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members

of the unit (internal evaluation) or from an external command (external evaluation).

2. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade or billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval. Performance of the training event, however, is not sufficient to ensure combat readiness. Leaders at all levels must evaluate the performance of their Marines and the unit as they complete training events, and only record successful accomplishment of training based upon the evaluation. The goal of evaluation is to ensure that correct methods are employed to achieve the desired standard, or the Marines understand how they need to improve in order to attain the standard. Leaders must determine whether credit for completing a training event is recorded if the standard was not achieved. While successful accomplishment is desired, debriefing of errors can result in successful learning that will allow ethical recording of training event completion. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective.

3. The purpose of formal and informal evaluation is to provide commanders with a process to determine a unit's/Marine's proficiency in the tasks that must be performed in combat. Informal evaluations are conducted during every training evolution. Formal evaluations are often scenario-based, focused on the unit's METs, based on collective training standards, and usually conducted during higher-level collective events. References (a) and (f) provide further guidance on the conduct of informal and formal evaluations using the Marine Corps Ground T&R Program.

1004. ORGANIZATION. The AAV T&R Manual is comprised of 8 chapters and 6 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the Core Capability METs and their related Battalion and Company-level events. Chapters 3 through 6 contain collective events, Chapters 5 and 7 contain individual events, and Chapter 8 contains AA Bn low density MOS events. Appendices are noted in the table of contents.

1005. T&R EVENT CODING. An event contained within a T&R Manual is an individual or collective training standard. This section explains each of the components of a T&R event. These items will be included in all of the events in each T&R Manual. Community-based T&R Manuals may have several additional components not found in unit-based T&R Manuals. The event condition, event title (behavior) and event standard should be read together as a grammatical sentence.

1. Event Code. The event code is an up to 4-4-4 alphanumeric character set:
 - a. First up to 4 characters indicate MOS or Community (e.g., 0321, 1812 or INTL)
 - b. Second up to 4 characters indicate functional or duty area (e.g. DEF, FSPT, MVMT, etc.)
 - c. Third 4 characters indicate the unit size and supported unit, if applicable (1000 through 9000), and sequence. Figure 1-1 shows the relationship of unit size to event code. NOTE: The titles for the various echelons are for example only, and are not exclusive. For example: 4000-level events are appropriate for Section-level events as noted, but also for Squad-level events.

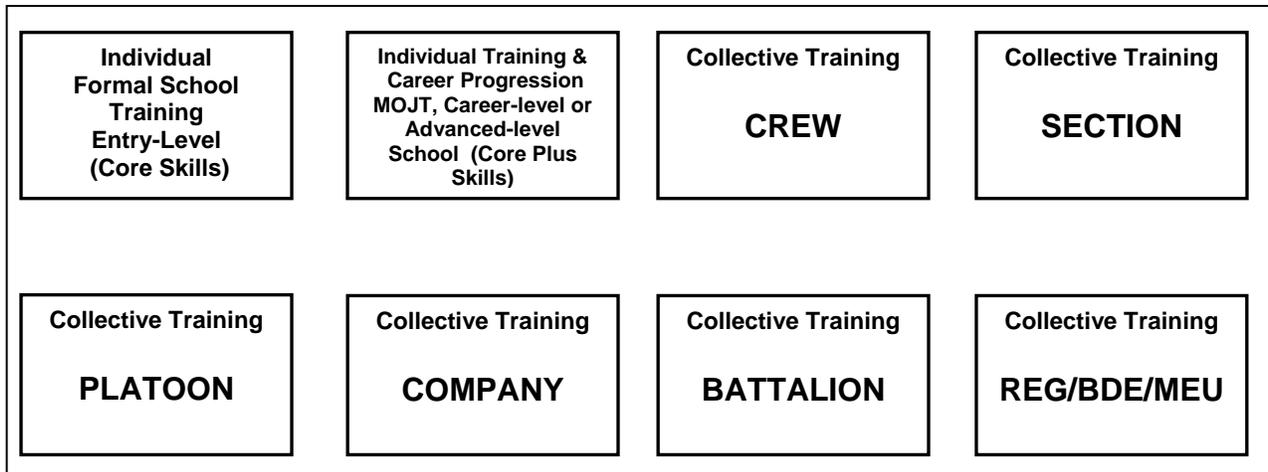


Figure 1: T&R Event Levels

(1) Grouping. Categorizing events with the use of a recognizable code makes the type of skill or capability being referenced fairly obvious. Examples include PAT for patrolling events, DEF for events in the defense, FSPT for events related to fire support, etc. There is no special significance to the functional areas, but they should be intuitive to make it as easy as possible for the T&R user to find events. When organizing the T&R Manual, functional areas are alphabetized then the associated events are numbered. The events will be numbered based upon the introduction of each new functional area, allowing up to "999" events. For example: if there are seven Administrative events 4431 occupational field, then the events should start 4431-ADMN-1001 and run through 1007. Next, the Bulk Fuel events, BUFL should start at 4431-BUFL-1001.

(2) Sequencing. A numerical code is assigned to each individual (1000-2000-level) or collective (3000-9000-level) training event. The first number identifies the size of the unit performing the event, as depicted in figure 1-1. The second number is available for T&R Manuals with collective events that support those in other manuals to identify the echelon of unit being supported by a particular collective event. If a collective event is supported by other events or is performed in general support without regard to echelon, then a zero "0" will be utilized as the second number. For

example, 0231-TGT-3801 refers to an event conducted by a four Marine Targeting Cell supporting a Regiment or Group, and 0231-TGT-3001 represents an event the Targeting Cell does in support of any sized unit. The event would not be labeled 0231-TGT-8001 because that would imply that a regiment sized targeting unit was performing some task. This is not possible, since no intelligence unit organizes in a unit larger than a battalion. EXCEPTION: Events that relate to staff planning, to the conduct of a command operations center or to staff level decision making processes will be numbered according to the level of the unit to which the staff belongs. For example: an infantry battalion staff conducting planning for an offensive attack would be labeled as INF-PLAN-7001 even though the entire battalion is not actively involved in the planning of the operation. T&R event sequence numbers that begin with "9" are reserved for Marine Air Ground Task Forces (MAGTF) Command Element (CE) events. Marine Expeditionary Units (MEU) CE events will be numbered 90XX - 93XX. Marine Expeditionary Brigade (MEB) CE events will be numbered 94XX - 96XX. Marine Expeditionary Force (MEF) CE events will be numbered 97XX - 99XX.

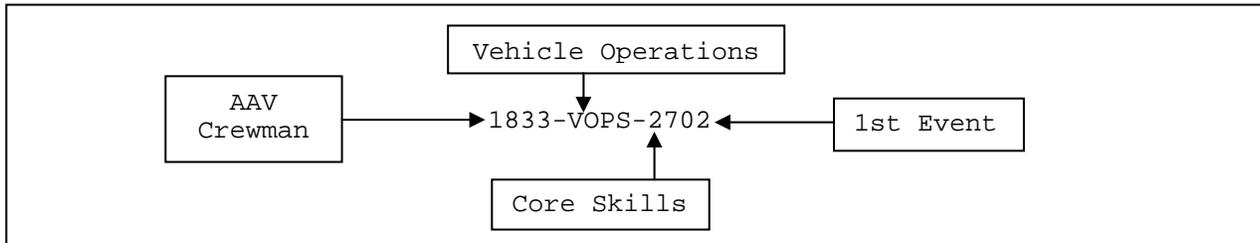


Figure 2: T&R Event Coding

1006. COMBAT READINESS PERCENTAGE (CRP)

1. The Marine Corps Ground T&R Program includes processes to assess readiness of units and individual Marines. Every unit in the Marine Corps maintains a basic level of readiness based on the training and experience of the Marines in the unit. Even units that never trained together are capable of accomplishing some portion of their missions. Combat readiness assessment does not associate a quantitative value for this baseline of readiness, but uses a "Combat Readiness Percentage", as a method to provide a concise descriptor of the recent training accomplishments of units and Marines.

2. CRP is the percentage of required training events that a unit or Marine accomplishes within specified sustainment intervals.

3. Unit combat readiness is assessed as a percentage of the successfully completed and current (within sustainment interval) key training events called "Evaluation-Coded" (E-Coded) Events. E-Coded Events and unit CRP calculation are described in follow-on paragraphs. CRP achieved through the completion of E-Coded Events is directly relevant to readiness assessment in DRRS.

4. Individual combat readiness is assessed as the percentage of required individual events in which a Marine is current. This translates as the percentage of training events for his/her MOS and grade that the Marine

successfully completes within the directed sustainment interval. Individual skills are developed through a combination of 1000-level training (entry-level formal school courses), individual on-the-job training in 2000-level events, and follow-on formal school training. Skill proficiency is maintained by retraining in each event per the specified sustainment interval.

1007. CRP CALCULATION

1. Collective training begins at the 3000-level (team, crew or equivalent). Unit training plans are designed to accomplish the events that support the unit METL while simultaneously sustaining proficiency in individual core skills. E-Coded collective events are the only events that contribute to unit CRP. This is done to assist commanders in prioritizing the training toward the METL, taking into account resource, time, and personnel constraints.

2. Unit CRP increases after the completion of E-Coded events. The number of E-Coded events for the MET determines the value of each E-Coded event. For example, if there are 4 E-Coded events for a MET, each is worth 25% of MET CRP. MET CRP is calculated by adding the percentage of each completed and current (within sustainment interval) E-Coded training event. The percentage for each MET is calculated the same way and all are added together and divided by the number of METS to determine unit CRP. For ease of calculation, we will say that each MET has four E-Coded events, each contributing 25% towards the completion of the MET. If the unit has completed and is current on three of the four E-Coded events for a given MET, then they have completed 75% of the MET. The CRP for each MET is added together and divided by the number of METS to get unit CRP; unit CRP is the average of MET CRP.

For Example:

MET 1:	75% complete	(3 of 4 E-Coded events trained)
MET 2:	100% complete	(6 of 6 E-Coded events trained)
MET 3:	25% complete	(1 of 4 E-Coded events trained)
MET 4:	50% complete	(2 of 4 E-Coded events trained)
MET 5:	75% complete	(3 of 4 E-Coded events trained)

To get unit CRP, simply add the CRP for each MET and divide by the number of METS:

MET CRP: $75 + 100 + 25 + 50 + 75 = 325$

Unit CRP: $325 \text{ (total MET CRP)} / 5 \text{ (total number of METS)} = 65\%$

1008. T&R EVENT COMPOSITION

1. Event Code. The event code is explained in paragraph 1005.
2. Title. The name of the event. The event title contains one action verb and ideally, one object.

3. Evaluation Coded. Collective events categorize the capabilities that a given unit may be expected to perform. There are some collective events that the Marine Corps has determined that a unit MUST be able to perform, if that unit is to be considered fully ready for operations. These E-Coded events represent the irreducible minimum or the floor of readiness for a unit. E-Coded events are derived from the training measures of effectiveness for the METs for units that must report readiness in the DRRS. It would seem intuitive that most E-Coded events would be for Battalion sized units and higher since those are the units that report in DRRS. However, if the Marine Corps has determined that the readiness of a subordinate, supporting unit to accomplish a particular collective event is vital to the accomplishment of the supported unit's MET, then that lower echelon collective event is E-Coded.

4. Supported MET(s). List all METs that are supported by the training event in the judgment of the occupation field drafting the T&R Manual, even if those events are not listed as Measure of Effectiveness (MOEs) in a MET.

5. Sustainment Interval. This is the period, expressed in number of months, between evaluation or retraining requirements. Competencies and capabilities acquired through the accomplishment of training events are to be refreshed at pre-determined intervals. It is essential that these intervals be adhered to in order to ensure Marines maintain proficiency.

6. Billet/MOS. Each individual training event will contain a billet code and/or MOS that designates who is responsible for performing that event and any corresponding formal course required for that billet. Each commander has the flexibility to shift responsibilities based on the organization of his command. These codes are based on recommendations from the collective subject matter expertise that developed this manual and are listed for each event.

7. Grade. The Grade field indicates the rank at which Marines are required to complete the event.

8. Description. This field allows T&R developers to include an explanation of event purpose, objectives, goals, and requirements. It is a general description of an action requiring learned skills and knowledge, i.e., engage fixed target with crew-served weapons. This is an optional field for individual events but its use is strongly encouraged for collective events. This field can be of great value guiding a FLC or OPFOR unit trying to discern the intent behind an event that might not be readily apparent.

9. Condition. Condition refers to the constraints that may affect event performance in a real-world environment. It indicates what is provided (equipment, tools, materials, manuals, aids, etc.), environmental constraints or conditions under which the task is to be performed, and any specific cues or indicators to which the performer must respond. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.). When resources or safety requirements limit the conditions, this should be stated. The content of the condition should be included in the event on a "by exception" basis. If there exists an assumption regarding the conditions under which all or most of the events in the Manual will be

performed, then only those additional or exceptional items required should be listed in the condition. The common conditions under which all the events in a chapter will be executed will be listed as a separate paragraph at the beginning of the chapter.

10. Standard. The performance standard indicates the basis for judging the effectiveness of the performance. It consists of a carefully worded statement that identifies the proficiency level expected when the task is performed. The standard provides the minimum acceptable performance parameters and must be strictly adhered to. The standard for collective events will likely be general, describing the desired end-state or purpose of the event. The standard for individual events will be objective, quantifiable, and readily observable. Standards will more specifically describe to what proficiency level, specified in terms of accuracy, completeness, time required, and sequencing the event is to be accomplished. These guidelines can be summarized in the acronym "ACTS" (Accuracy Completeness Time Sequence.) In no cases will "per the reference" or "per/in accordance with commander's intent" be used as a stand-alone standard.

11. Event Components/Performance Steps. Description of the actions that the event is composed of, or a list of subordinate, included T&R event codes and event descriptions. The event components help the user determine what must be accomplished and to properly plan for the event. Event components are used for collective events; performance steps are used for individual events.

a. The event components and performance steps will be consciously written so that they may be employed as performance evaluation check lists by the operating forces.

b. Event components may be events one individual in the unit performs, events that small groups in the unit perform, or events involving the entire unit. After the publication of this order, all component events will identify the behaviors required in plain English but also by citing the precise event number the component event refers to, unless that component event only occurs as part of the collective event where it is listed. This provision will allow specific events to be chained together in order to provide greater granularity for units and Marines executing the events, and clarity for those charged with evaluating unit performance.

12. Prerequisite Events. Prerequisites are academic training or other T&R events that must be completed prior to attempting the task. They are lower-level events or tasks that give the individual/unit the skills required to accomplish the event. They can also be planning steps, administrative requirements, or specific parameters that build toward mission accomplishment.

13. Chained Events. Collective T&R events are supported by lower-level collective and individual T&R events. This enables unit leaders to effectively identify subordinate T&R events that ultimately support specific mission essential tasks. When the accomplishment of any upper-level events, by their nature, result in the performance of certain subordinate and related events, the events are "chained." The completion of chained events will update sustainment interval credit (and CRP for E-Coded events) for the related subordinate level events.

14. Related ITEs. A list of all of the Individual Training Events (1000-2000-level events) that support the event.

15. Initial Training Setting. All individual events will designate the setting at which the skill is first taught, either at the FLC, in the OPFOR as MOJT, or via a distance learning product (DL).

16. References. The training references shall be utilized to determine task performance steps. They assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion. T&R Manuals are designed to be a training outline, not to replicate or replace doctrinal publications, reference publications, or technical manuals. References are key to developing detailed lesson plans, determining grading criteria, and ensuring standardization of training.

17. Distance Learning Products. Distance learning products include Individual Multimedia Instruction (IMI), Computer-Based Training (CBT), Marine Corps Institute (MCI), etc. This notation is included when, in the opinion of the TRMG in consultation with the MTSD representative, the event can be taught via one of these media vice attending a formal course of instruction or receiving MOJT.

18. Support Requirements. This is a list of the external and internal support the unit and Marines will need to complete the event. This is a key section in the overall T&R effort, as resources will eventually be tied directly to the training towards METS. Future efforts to attain and allocate resources will be based on the requirements outlined in the T&R Manual. The list includes, but is not limited to:

- Range(s)/Training Area
- Ordnance
- Equipment
- Materials
- Other Units/Personnel

The ordnance requirements for one year of training for the events in the T&R will be aggregated into a table contained in an appendix to the T&R. The task analyst and the occupational field representatives will be careful not to "double count" ammunition that might be employed in the performance of individual and collective events that are chained.

19. Miscellaneous

a. This field provides space for any additional information that will assist in the planning and execution of the event. Units and FLCs are cautioned not to disregard this information or to consider the information of lesser importance than what is contained in other parts of the T&R event. Miscellaneous fields provide an opportunity for the drafters of the T&R event to communicate vital information that might not fit neatly into any other available field. The list may include, but is not limited to:

- Admin Instructions
- Special Personnel Certifications

- Equipment Operating Hours
- Road Miles

b. An example of a T&R event is provided in figure 1-4.

<u>0321-PAT-4101</u> Conduct Team Planning			
<u>EVALUATION CODED:</u> YES		<u>SUPPORTED MET(S):</u> 1, 2, 3, 4, 5, 6, 7, 8, 9	
<u>DESCRIPTION:</u> The unit is conducting tactical operations. The unit has been issued a warning order to conduct reconnaissance patrols to collect information and to conduct normal security patrols. The patrol will be conducted on a 24-hour basis. This event may be trained to standard using the XYZ simulation program available at all MISTC locations.			
<u>CONDITION:</u> When given a Warning Order, Patrol Order or Frag Order.			
<u>STANDARD:</u> Prior to commencement of exercise or operation, so that subordinates have 2/3 of the total time before step-off for planning, to include all elements of the plan.			
<u>EVENT COMPONENTS:</u>			
1. Receive Warning Order or Patrol Order.			
2. Analyze for Mission using commander's guidance, METT-TSL, KOCOA.			
3. Analyze the mission and available information to identify specific tasks with respect to commander's guidance, METT-TSL and KOCOA.			
4. Create the plan.			
<u>RELATED ITES:</u>			
0321-PAT -1102	0321-PAT -1101	0321-COMM-1207	0321-FSPT-2301
0321-FSPT-2302	0321-FSPT-2303	0321-SURV-1403	
<u>REFERENCES:</u>			
1. FMFM 6-4 Marine Rifle Company			
2. MCWP 3-11.3 Scouting and Patrolling			
3. MCRP 2-15.1 DRAFT Ground Reconnaissance Handbook			

Figure 1-4: Example of a T&R Event

1009. CHEMICAL BIOLOGICAL RADIOLOGICAL NUCLEAR (CBRN) TRAINING

1. All personnel assigned to the operating force must be trained in CBRN defense, in order to survive and continue their mission in this environment. Individual proficiency standards are defined as survival and basic operating standards. Survival standards are those that the individual must master in order to survive CBRN attacks. Basic operating standards are those that the individual, and collectively the unit, must perform to continue operations in a CBRN environment.

2. In order to develop and maintain the ability to operate in a CBRN environment, CBRN training is an integral part of the training plan and events in this T&R Manual. Units should train under CBRN conditions whenever possible. Per reference (c), all units must be capable of accomplishing their assigned mission in a contaminated environment.

1010. NIGHT TRAINING

1. While it is understood that all personnel and units of the operating force are capable of performing their assigned mission in "every climate and place," current doctrine emphasizes the requirement to perform assigned missions at night and during periods of limited visibility. Basic skills are significantly more difficult when visibility is limited.
2. To ensure units are capable of accomplishing their mission they must train under the conditions of limited visibility. Units should strive to conduct all events in this T&R Manual during both day and night/limited visibility conditions. When there is limited training time available, night training should take precedence over daylight training, contingent on the availability of equipment and personnel.

1011. MOS-SPECIFIC PHYSICAL STANDARDS

1. Within the Assault Amphibian community, Marines are required to demonstrate a high degree of physical strength in order to perform those regularly assigned, recurrent duties of each of the Assault Amphibian's military occupational specialties (MOSs).
2. This T&R Manual contains MOS-specific physical standards, which must be demonstrated, in order to achieve MOS qualification. These MOS-specific physical standards have been identified throughout this T&R manual within the administrative instructions to the event.
3. Assessments for MOS-specific physical standards have been developed and are contained within Appendix G. These assessments provide Commanders reasonable assurance a Marine has the physical capacity to perform the regularly assigned and recurrent duties of the MOS.
4. These MOS-specific physical standards are not the sole requirement for MOS qualification.

1012. OPERATIONAL RISK MANAGEMENT (ORM)

1. ORM is a process that enables commanders to plan for and minimize risk while still accomplishing the mission. It is a decision making tool used by Marines at all levels to increase operational effectiveness by anticipating hazards and reducing the potential for loss, thereby increasing the probability of a successful mission. ORM minimizes risks to acceptable levels, commensurate with mission accomplishment.
2. Commanders, leaders, maintainers, planners, and schedulers will integrate risk assessment in the decision-making process and implement hazard controls to reduce risk to acceptable levels. Applying the ORM process will reduce mishaps, lower costs, and provide for more efficient use of resources. ORM assists the commander in conserving lives and resources and avoiding unnecessary risk, making an informed decision to implement a Course Of Action (COA), identifying feasible and effective control measures where specific measures do not exist, and providing reasonable alternatives for mission

accomplishment. Most importantly, ORM assists the commander in determining the balance between training realism and unnecessary risks in training, the impact of training operations on the environment, and the adjustment of training plans to fit the level of proficiency and experience of Sailors/Marines and leaders. Further guidance for ORM is found in references (b) and (d).

1013. MARINE CORPS GROUND T&R PROGRAM

1. The Marine Corps Ground T&R Program continues to evolve. The vision for Ground T&R Program is to publish a T&R Manual for every readiness-reporting unit so that core capability METs are clearly defined with supporting collective training standards, and to publish community-based T&R Manuals for all occupational fields whose personnel augment other units to increase their combat and/or logistic capabilities. The vision for this program includes plans to provide a Marine Corps training management information system that enables tracking of unit and individual training accomplishments by unit commanders and small unit leaders, automatically computing CRP for both units and individual Marines based upon MOS and rank (or billet). Linkage of T&R Events to the MCTL, through the core capability METs, has enabled objective assessment of training readiness in the DRRS.

2. DRRS measures and reports on the readiness of military forces and the supporting infrastructure to meet missions and goals assigned by the Secretary of Defense. With unit CRP based on the unit's training toward its METs, the CRP will provide a more accurate picture of a unit's readiness. This will give fidelity to future funding requests and factor into the allocation of resources. Additionally, the Ground T&R Program will help to ensure training remains focused on mission accomplishment and that training readiness reporting is tied to units' METLs.

AAV T&R MANUAL

CHAPTER 6

MOS 1803 INDIVIDUAL EVENTS

	PARAGRAPH	PAGE
PURPOSE	6000	6-2
EVENT CODING.	6001	6-2
ADMINISTRATIVE NOTES.	6002	6-2
PREREQUISITES	6003	6-2
BILLET DESCRIPTION/CORE CAPABILITIES.	6004	6-2
INDEX OF INDIVIDUAL EVENTS.	6005	6-6
1000-LEVEL EVENTS	6006	6-7
2000-LEVEL EVENTS	6007	6-36

AAV T&R MANUAL

CHAPTER 6

MOS 1803 INDIVIDUAL EVENTS

6000. PURPOSE. The purpose of 1000-level training is to provide the knowledge and skills required to perform as an Assault Amphibious Vehicle (AAV) Officer. 2000-level events are Core Plus events, with initial training settings of either MOJT or through resident/distance learning PME.

6001. EVENT CODING. Events in the T&R Manual are depicted with a 12 field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one - Each event in this chapter begins with "1802" indicating that the event is for AAV Officers.

b. Field two - This field is alpha characters indicating a functional area. Functional areas for AAV Officers are:

GNNRY - Gunnery	CMDC - Command and Control
VOPS - Vehicle Operations	TAC - Tactical Operation
CSS - Combat Service Support	AMPH - Amphibious Operations

c. Field three - This field provides numerical sequencing.

6002. ADMINISTRATIVE NOTES. Each Event may contain a paragraph that describes internal and external Support Requirements the unit and Marines will need to complete the event. Ranges/Training Areas are described in this section with plain-language description. They are also described using the Range/Facility Codes that identify the type of range and/or training area needed to accomplish the Event. Marines can use the codes to find information about available ranges at their geographic location by using the web-based Range/Training Area Management System (see TECOM website). Ultimate use of the Range/Training Area Code is to relate ranges to readiness by identifying those Events that cannot be accomplished at a certain location due to lack of ranges.

6003. PREREQUISITES. The Marine AAV Officer will have completed The Basic School (TBS), Quantico, VA and Assault Amphibian Officer Course, Assault Amphibious School, Camp Pendleton, CA.

6004. BILLET DESCRIPTION/CORE CAPABILITIES

1. CAREER PROGRESSION PHILOSOPHY. The AAV Officer will complete the Assault Amphibian Officer Course, Assault Amphibian School, Camp Pendleton, CA. Upon graduation, the AAV Officer will conduct additional Level 2000 training in an Assault Amphibian unit in a variety of billets. Level 2 training continues through completion of Career, Intermediate, and Advanced Level Professional

Military Education (PME), available through resident, seminar and distance learning courses.

2. BILLET: Assault Amphibian Platoon Commander. Responsible for the vehicles and crews in an AA platoon. When he is the senior AA officer assigned to an infantry battalion, he also serves as a special staff officer to the infantry battalion commander. The primary duty of the AA platoon commander is to advise the infantry company commander on the use of AAVs in support of the assigned mission. The AA platoon commander directs the maneuver and fires of his platoon in accordance with the intent of the infantry company commander. The AA platoon commander occupies the weapon station of the AAV that is utilized by the infantry company commander as his command vehicle. During water operations the AA platoon commander maintains control of the tactical movement of the AA unit.

a. Core Capabilities

- (1) Responsible for the training and supervision of platoon personnel in the performance of tasks which support company training objectives.
- (2) Responsible for the welfare and discipline of his platoon.
- (3) Makes operational planning recommendations to the supported unit commander on the employment of AA unit.
- (4) Manages the preventative maintenance and corrective maintenance efforts on all vehicles and all associated collateral equipment.
- (5) Employs proper movement techniques and formations.
- (6) Employs operational safety procedures.
- (7) Employs vehicle and unit fires in support of mission and in self-defense.
- (8) Advises supported unit commander on logistical requirements of AA unit.
- (9) Coordinates with Naval personnel for the employment of AA unit with amphibious shipping.
- (10) Leads AA platoon and embarked personnel in amphibious operations.

3. BILLET: Assault Amphibian Mine Countermeasure Platoon Commander. Responsible for the vehicles and crews in the AA Mobility/Counter-Mobility (MCM) platoon. The MCM platoon commander supports the Ground Combat Element with breaching capability. The MCM platoon commander leads two sections of Marines that crew AAVP7A1s with and without MK 154 LMC Mod 0 kits.

a. Core Capabilities

- (1) Responsible for the training and supervision of platoon personnel in the performance of tasks which support company training objectives.
- (2) Responsible for the welfare and discipline of his platoon.
- (3) Manages the preventative maintenance and corrective maintenance efforts of vehicles and associated collateral equipment.
- (4) Advises supported unit commander on employment of unit and MK 1 Mod 0.
- (5) Employs operational safety procedures.
- (6) Advises supported unit commander on logistical requirements of AA unit.

- (7) Coordinates with Naval personnel for the employment of AA unit with amphibious shipping.

4. BILLET: AA Company Executive Officer. Second most senior 1803 in the AA company. Assumes command in commander's absence.

a. Core Capabilities

- (1) Makes operational planning recommendations to company commander on unit training and operations.
- (2) Oversees unit training and operations.
- (3) Oversees range operations.
- (4) Oversees unit logistical support and requirements.
- (5) Trains AA platoon commanders in performance of duties.
- (6) Oversees the conduct and supervises ancillary training events.

5. BILLET: AA Company Commander. The AA company commander works for the commanding officer of the supported infantry regiment or battalion and becomes a special staff officer to the supported infantry commander. The AA company commander leads one or more AA platoons and a maintenance platoon. He is responsible for all vehicle maintenance and all associated collateral gear including additional support equipment.

a. Core Capabilities

- (1) Directs the logistics support organic to the AA company in support of his AAVs.
- (2) Responsible for the welfare and discipline of his company.
- (3) Advises the supported unit commander on the employment of AA unit.
- (4) Advises the supported unit commander on logistical and maintenance requirements for AA unit.
- (5) Employs operational safety procedures.
- (6) Trains and supervises platoon personnel in the performance of tasks which support battalion training objectives.
- (7) Responsible for overall preventative and corrective maintenance efforts of vehicles and associated collateral equipment.
- (8) Coordinates with Naval personnel for the employment of AA unit with amphibious shipping.

6. BILLET: Headquarters and Service Company Commander. The headquarters and service (H&S) company commander provides the AA battalion commander the means to effect command and control of the battalion. Through his subordinate platoons and sections, the H&S company commander provides maintenance, communications, administrative, medical, supply, and other service support functions to the AA battalion commander.

a. Core Capabilities

- (1) Serves as headquarters commander for AA battalion.
- (2) Advises the supported unit commander on the employment of AA unit.
- (3) Advises the supported unit commander on logistical requirements for AA unit.
- (4) Employs operational safety procedures.

- (5) Responsible for the overall preventative maintenance and corrective maintenance efforts of vehicles and associated collateral equipment.
- (6) Coordinates with Naval personnel for the employment of AA unit with amphibious shipping.
- (7) Supervises maintenance related activities of AA unit.
- (8) Maintains the welfare and discipline of a company.
- (9) Coordinates the staff sections in the performance of tasks that support battalion training objectives.

7. BILLET: Assistant Operations Officer. Junior 1803 officer in battalion operations section. Assists operations officer in duties.

a. Core Capabilities:

- (1) Serves as watch officer in battalion COC.
- (2) Assists the operations officer in supervising unit and personnel training.
- (3) Assists the operations officer with coordinating with naval personnel for amphibious operations.
- (4) Monitors the battalion TEEP.

8. BILLET: Battalion Operations Officer. Field grade or senior company grade officer responsible for coordinating all battalion training and operations with a section of Marines to assist in accomplishing the battalion commander's intent.

a. Core Capabilities:

- (1) Assumes staff responsibility for organization, training and tactical operations of an assault amphibian battalion.
- (2) Responsible for planning, coordinating, and supervising tactical aspects of logistical support of units.
- (3) Responsible for determining priorities for allocation of personnel, weapons, equipment and ammunition.
- (4) Makes operational planning recommendations to the battalion commander.
- (5) Coordinates with Naval personnel for the employment of AA unit with amphibious shipping.

9. BILLET: Battalion Logistics Officer. Field grade or senior company grade officer responsible for coordinating all battalion logistical requirements and operations with a section of Marines to assist in accomplishing the battalion commander's intent.

a. Core Capabilities

- (1) Assumes staff responsibility for determining logistical requirements, support, and operations for an AA battalion.
- (2) Responsible for planning, coordinating, and supervising logistical support of AA units.
- (3) Makes operational planning recommendations to the battalion commander.
- (4) Coordinates with Naval personnel for embarkation of AA unit with amphibious shipping.

10. BILLET: Battalion Executive Officer. Second most senior 1803 officer in the battalion. Assumes command in battalion commander's absence. Responsible for managing and coordinating the battalion staff and administrative tasks.

a. Core Capabilities

- (1) Coordinates all actions of the battalion staff.
- (2) Supervises staff planning process.
- (3) Ensures battalion reports are made as required to higher and adjacent commanders.
- (4) Maintains information flow to battalion commander.

11. BILLET: Battalion Commanding Officer. The AA battalion commander serves as a special staff officer to the Commanding General of the Marine Division. The battalion commander also directs the maintenance and logistic trains organic to the battalion to support operations as directed by the Commanding

General of the Marine Division. The assault amphibian battalion has the ability to function as a maneuver element headquarters when provided augmentation from higher headquarters.

a. Core Capabilities

- (1) Advises supported unit commander on employment of AA unit.
- (2) Responsible for the vehicle preventive and corrective maintenance.
- (3) Responsible for the training of personnel in the performance of tasks which support division training objectives.
- (4) Advises the supported unit commander on logistical requirements for AA unit.
- (5) Responsible for the welfare and discipline of the battalion.
- (6) Advises the supported unit commander on logistical requirements for AA unit.
- (7) Directs organic combat training and logistical operations in support of subordinate units.
- (8) Leads assault amphibian battalion as an independent maneuver element.

6005. INDEX OF INDIVIDUAL EVENTS BY LEVEL

Event Code	Event	Page
1000-LEVEL EVENTS		
1803-GNRY-1001	Conduct Preventive Maintenance Checks and Services on Weapons	6-8
1803-GNRY-1002	Conduct Preventive Maintenance Checks and Services on Upgunned Weapons Station	6-9
1803-GNRY-1003	Operate Upgunned Weapons Station	6-9
1803-GNRY-1004	Set Inhibit Zone for the Upgunned Weapons Station	6-10
1803-GNRY-1005	Set Headspace and Adjust Timing	6-10
1803-GNRY-1006	Install/Remove Weapons	6-11
1803-GNRY-1007	Conduct Minor Boresighting	6-12
1803-GNRY-1008	Load/Unload Weapons	6-12

1803-GNRY-1009	Prepare Fire Plan Sketch	6-13
1803-GNRY-1010	Recognize threat/friendly vehicles and theater specific threat vehicles	6-14
1803-GNRY-1011	Zero the Upgunned Weapons Station	6-14
1803-GNRY-1012	Engage Targets	6-15
1803-GNRY-1013	Control Distribution of Fires	6-16
1803-GNRY-1014	Conduct Failure to Fire Procedures	6-17
1803-GNRY-1015	Conduct Gunnery Skills Test	6-18
1803-GNRY-1016	Perform individual actions as AAV commander for Gun Table I	6-18
1803-GNRY-1017	Perform the engagement process	6-19
1803-GNRY-1018	Load/Unload M257 Smoke Grenade Launcher	6-20
1803-GNRY-1019	Fire the M257 Smoke Grenade Launcher	6-20
1803-GNRY-1020	Perform immediate action procedures for an M257 Smoke Grenade Launcher	6-21
1803-GNRY-1021	Evacuate an injured crewman	6-22
1803-CMDC-1001	Communicate Using Visual Signals	6-22
1803-CMDC-1002	Respond to Signals	6-23
1803-CMDC-1003	Conduct Internal/External Communications	6-24
1803-CMDC-1004	Control Radio Communications	6-24
1803-CMDC-1005	Employ Command Communication System	6-25
1803-CMDC-1006	Submit Reports	6-25
1803-CMDC-1007	Conduct Operational Safety	6-26
1803-CMDC-1008	Conduct Intelligence Preparation of the Battlefield	6-26
1803-CMDC-1009	Advise Supported Unit Commander on Assault Amphibious Vehicle Employment	6-27
1803-VOPS-1001	Conduct Operational Checks	6-28
1803-VOPS-1002	Conduct Preventive Maintenance Checks and Services	6-28
1803-VOPS-1003	Conduct Emergency Maintenance Procedures on Assault Amphibious Vehicle Subsystems	6-29
1803-VOPS-1004	Conduct Land Tow	6-29
1803-VOPS-1005	Conduct Demolition	6-30
1803-VOPS-1006	Install Special Mission Kit	6-30
1803-VOPS-1007	Hook up disabled vehicle for land tow	6-31
1803-CSS-1001	Monitor Maintenance Reports	6-31
1803-CSS-1002	Conduct Vehicle Inspection	6-32
1803-CSS-1003	Conduct Recovery Operations	6-33
1803-AMPH-1001	Embark and Debark amphibious shipping	6-33
1803-AMPH-1002	Evacuate Embarked Personnel	6-34
1803-AMPH-1003	Conduct Water Tow	6-35
1803-AMPH-1004	Prepare AAV unit for Amphib ops	6-35
1803-AMPH-1005	Egress the AAV	6-36
1803-TAC-1001	Camouflage an Assault Amphibious Vehicle	6-37
1803-TAC-1002	Conduct Operations in Special Terrain	6-37
2000-LEVEL EVENTS		
1803-COND-2001	March with a fighting load	6-38

6006. 1000-LEVEL EVENTS

1803-GNRY-1001: Conduct Preventive Maintenance Checks and Services on Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a Mk 19, M2 or M240 machinegun and reference.

STANDARD: To keep equipment in operating condition and ready for its primary mission.

PERFORMANCE STEPS:

1. Clear the machineguns
2. Disassemble the weapon
3. Inspect, clean, and lubricate the components
4. Report worn or defective parts
5. Assemble the weapon
6. Perform function check

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel
3. TM 08521A-10/1A Technical Manual, Operator's Manual, Machinegun, 40mm, MK19 MOD 3
4. TM 08670A/1A Operator's Manual, Machinegun, 7.62mm, M240

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: There is a time limit for this task within the MCWP 3-12.2 under the Gunnery Skills Test. The time limit covers multiple tasks that are grouped together in one station. The time limit will not show up in the standards for this task but can be found in the reference.

1803-GNRY-1002: Conduct Preventive Maintenance Checks and Services on Uppunned Weapons Station

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given collateral material and reference.

STANDARD: To keep equipment in operating condition and ready for its primary mission.

PERFORMANCE STEPS:

1. Apply PMCS to turret exterior
2. Apply PMCS to turret interior
3. Lubricate turret components

REFERENCES:

1. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle
-

1803-GNRY-1003: Operate Upgunned Weapons Station (UGWS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle.

STANDARD: To ensure readiness of all components.

PERFORMANCE STEPS:

1. Complete pre-operation checklist
2. Manipulate electrical components
3. Manipulate manual components

REFERENCES:

1. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: Assault Amphibian Vehicle Turret Trainer (AAV-TT)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations will be used as a precursor to live fire training in order to help maximize and enhance the live fire training event.

1803-GNRY-1004: Set Inhibit Zone for the Upgunned Weapons Station

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, inhibit zone aligning tool and reference.

STANDARD: To keep the vehicle and personnel out of the line of fire.

PERFORMANCE STEPS:

1. Prepare the UGWS for setting the inhibit zone
2. Establish the inhibit zone elevation
3. Establish Inhibit Zone 2 azimuths
4. Establish Inhibit Zone 1 azimuths
5. Reset inhibit points if applicable

REFERENCES:

1. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

EQUIPMENT: Inhibit Zone Aligning Tool

1803-GNRY-1005: Set Headspace and Adjust Timing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an M2, and collateral equipment, and reference.

STANDARD: To prepare weapon for firing.

PERFORMANCE STEPS:

1. Set headspace
2. Adjust timing

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: There is a time limit for this task within the MCWP 3-12.2 under the Gunnery Skills Test. The time limit covers multiple tasks that are grouped together in one station. The time limit will not show up in the standards for this task but can be found in the reference

1803-GNRY-1006: Install/Remove Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

BILLETS: Platoon Commander, Vehicle Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given machineguns, Upgunned Weapons Station, crew and reference.

STANDARD: Within 20 minutes.

PERFORMANCE STEPS:

1. Install Mk19
2. Install M2
3. Remove Mk 19
4. Remove M2

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event, performance step one is a MOS Specific Physical Standard required for the MOS of 1803. See Appendix G for further detail.

1803-GNRY-1007: Conduct Minor Boresighting

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew, machineguns, boresighting kits and reference.

STANDARD: To provide a true sight line adjustment, within 15 minutes.

PERFORMANCE STEPS:

1. Conduct boresight procedures for M36E_
2. Conduct retention procedures

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle
3. TM 8F419D1/4 Upgunned Weapons Station M36E Thermal Sighting System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task will be performed to standard as part of the Gunnery Skills Test.

1803-GNRY-1008: Load/Unload Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, ammunition and reference.

STANDARD: To prepare Upgunned Weapons Station to fire and clear weapons of ammunition.

PERFORMANCE STEPS:

1. Load Ammunition into the Mk 19 and M2
2. UnLoad Ammunition from the Mk 19 and M2

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A560 Cartridge, Caliber .50 Dummy M2	200 rounds per AAV
B472 Cartridge, 40mm Dummy M922	96 rounds per AAV

OTHER SUPPORT REQUIREMENTS: Assault Amphibian Vehicle Turret Trainer (AAV-TT)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event. This task will be performed to standard as part of the Gunnery Skills Test and Gunnery Tables.

1803-GNRY-1009: Prepare Fire Plan Sketch

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV Platoon in a defensive position.

STANDARD: To provide overlapping fires and mutual support.

PERFORMANCE STEPS:

1. Combine section fire plan sketches firing data
2. Illustrate Vehicles and Firing Data
3. Illustrate dead space
4. Illustrate terrain
5. Annotate orientation data

REFERENCES:

1. MCWP 3-11.1 Marine Rifle Company/ Platoon
 2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 3. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery
-

1803-GNRY-1010: Recognize threat/friendly vehicles and theater specific threat vehicles

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a classroom present 20 combat vehicles.

STANDARD: To name 18 out of 20 vehicles.

PERFORMANCE STEPS:

1. Identify characteristics of the vehicle
2. Identify the type of vehicle
3. Identify armament of vehicle
4. Identify maximum range (threat) of vehicle weapons

REFERENCES:

1. ROC-V Recognition of Combat Vehicles

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event. 2. A minimum of four of these slides must be thermal signatures (if unit is equipped with thermal optics). A minimum of five U.S. vehicles and helicopters (mixed; no more than three helicopters per test) will be selected from U.S. armored vehicles and combat helicopters currently in use. 3. All U.S. equipment must be identified correctly to receive a GO rating. 4. This task will be performed to standard as part of the Gunnery Skills Test.

1803-GNRY-1011: Zero the Upgunned Weapons Station

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a Boresighted Assault Amphibious Vehicle, ammunition and stationary target at 500m.

STANDARD: To place center of beaten zone on the target.

PERFORMANCE STEPS:

1. Zero the sight to the Mk 19 machine gun
2. Zero the M2 machine gun to the sight

REFERENCES:

1. FM 3-22.27 Mk 19 40mm Grenade Machine Gun Mod 3
2. FM 3-22.65 Browning Machine Gun, Caliber .50 HB, M2
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
4. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A555 Cartridge, Caliber .50 Ball M33 Link	50 rounds per Marine
A576 Cartridge, Caliber .50 4 API M8/1 AP	50 rounds per Marine
B542 Cartridge, 40mm HEDP M430/M430A1 Lin	8 rounds per Marine
BA12 Cartridge, 40mm Practice MK 281 Mod	8 rounds per Marine

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
 Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This Task will be performed to standard as part of the Gunnery Tables. 2. Ammunition is either TP or HE DP and Ball or API-T (Only TP and Ball on Pop-up targets). This Task will be performed to standard as part of the Gunnery Tables.

1803-GNRY-1012: Engage Targets

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Designed to evaluate the Platoon Commanders ability to engage stationary and moving targets placed in a tactical array from a stationary or moving vehicle (short halt/tactical control point).

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with full sized targets.

STANDARD: To score a minimum of 70 points on 70% of the engagements.

PERFORMANCE STEPS:

1. One Defensive Engagement: Day and Night
2. One Offensive Engagement: Day and Night
3. One Short Halt or Traffic Control Point: Day OR Night
4. One Short Range Machine Gun Engagement: Day OR Night
5. One CBRN Engagement: Day and Night
6. One Short-Range Engagement: Day OR Night
7. One Long Range Engagement: Day OR Night

REFERENCES:

1. FM 3-22.27 Mk 19 40mm Grenade Machine Gun Mod 3
2. FM 3-22.65 Browning Machine Gun, Caliber .50 HB, M2
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
4. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A555 Cartridge, Caliber .50 Ball M33 Link	300 rounds per Marine
A576 Cartridge, Caliber .50 4 API M8/1 AP	300 rounds per Marine
B542 Cartridge, 40mm HEDP M430/M430A1 Lin	160 rounds per Marine
BA12 Cartridge, 40mm Practice MK 281 Mod	160 rounds per Marine

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. Simulations will be used as a precursor to live training in order to help maximize and enhance the live training event. 2. Gunners will fire one practice and one qualification. 3. Ammunition is either TP or HE DP and Ball or API-T (Only TP and Ball on Pop-up targets). 4. Scenario Development, vehicle posture, and target presentation must adhere to the Minimum Proficiency Levels (MPLS) in MCWP 3-12.2

SPECIAL PERSONNEL CERTS: Advanced Gunner (9-10) Qualified Gunner (7-8)
Unqualified (0-6)

1803-GNRY-1013: Control Distribution of Fires

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Enforces skills of the Platoon Commander gunnery that demonstrates engagement skills of a platoon.

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a maneuver element and an operations order.

STANDARD: To achieve minimum of 50 percent target destruction.

PERFORMANCE STEPS:

1. Conduct Gun Table X
2. Conduct Gun Table XI
3. Conduct Gun Table XII (Qualification)

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A555 Cartridge, Caliber .50 Ball M33 Link	300 rounds per AAV
BA12 Cartridge, 40mm Practice MK 281 Mod	64 rounds per AAV

RANGE/TRAINING AREA: Facility Code 17722 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: The MCWP 3-12.2 provides guidance for Platoon Gunnery Tables X-XII Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event.

1803-GNRY-1014: Conduct Failure to Fire Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with weapons installed.

STANDARD: In sequence within 5 minutes.

PERFORMANCE STEPS:

1. Perform Immediate Action on Mk 19
2. Perform Immediate Action on Mk 19 with a jammed bolt
3. Perform Immediate Action on the M2 machine gun

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery
3. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17721 Tank/Fighting Vehicle
Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event. This task will be performed to standard as part of the Gunnery Skills Test and Gunnery Tables.

1803-GNRY-1015: Conduct Gunnery Skills Test

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV and all associated training devices.

STANDARD: In accordance with ST 3-20.21-1.

PERFORMANCE STEPS:

1. Recognition of Threat Vehicles and Theater Threat Vehicles
2. Identify Ammunition
3. Clear, disassemble, assemble, perform function check, load, and perform immediate action, on MK19 40mm Machinegun
4. Clear, disassemble, assemble, set headspace and timing, perform function check, load, and perform immediate action, on M2 HB caliber Machine Gun
5. Misfire Procedures Turret Mounted Weapons
6. Load/Unload Turret Mounted Weapons

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. ST 3-20.21-1 Individual and Crew Live-Fire Prerequisite Testing
3. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel
4. TM 08521A-10/1A Technical Manual, Operator's Manual, Machinegun, 40mm, MK19 MOD 3
5. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

1803-GNRY-1016: Perform individual actions as AAV commander for Gun Table I

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV, associated equipment and crew.

STANDARD: In accordance with MCWP3-12.2.

PERFORMANCE STEPS:

1. Perform crew fire and evacuation drills
2. Perform crew roll over Drills
3. Send, Receive radio reports
4. Send, Receive digital reports
5. Evacuate an injured crewman
6. Boresight an AAV
7. Mount and Remove Turret Mounted Weapons

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. ST 3-20.21-1 Individual and Crew Live-Fire Prerequisite Testing
3. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This is a precursor to live training in order to help maximize and enhance the live training event.

1803-GNRY-1017: Perform the engagement process

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To destroy or neutralize a threat.

PERFORMANCE STEPS:

1. Detect a threat
2. Identify a threat
3. Decide on a course of action
4. Execute engagement
5. Assess target effects

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

EQUIPMENT: AAV-TT

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This task will be executed using simulation. 2. This task will be performed to standard during Gunnery tables.

1803-GNRY-1018: Load/Unload M257 Smoke Grenade Launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To prepare the M257 Smoke Grenade Launcher for firing.

PERFORMANCE STEPS:

1. Turn the vehicle and turret power OFF
2. Turn the grenade launcher switches OFF
3. Insert the grenades into the M257
4. Rotate 90 degrees
5. Unload the M257 Smoke Grenade Launcher
6. Stow grenades

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
G826 Grenade, Launcher Smoke Infrared Scr	8 grenades per weapon

RANGE/TRAINING AREA: Facility Code 17430 Impact Area Dudded

1803-GNRY-1019: Fire the M257 smoke grenade launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To obscure the vehicle.

PERFORMANCE STEPS:

1. Assess the situation
2. Orient the turret/vehicle in the direction where the smoke is needed
3. Announce "grenade launcher"
4. The crew secures all hatches
5. Arm Smoke Grenade launcher switch
6. Announce "fire"
7. Fire the grenade launcher(s)
8. Safe weapon

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulation will be used as a precursor to live training in order to help maximize and enhance the live training event.

1803-GNRY-1020: Perform immediate action procedures for an M257 smoke grenade launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To correct failure to fire.

PERFORMANCE STEPS:

1. Wait 10-20 seconds for second attempt to fire
2. Smoke Grenade arming switch to OFF
3. Check smoke grenades are firmly seated in discharge tube
4. Attempt to fire
5. Disposal of misfired smoke grenades
6. Any misfired grenade must remain in discharge tube for at least 4 Minutes

REFERENCES:

1. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
G826 Grenade, Launcher Smoke Infrared Scr	8 grenades per weapon

RANGE/TRAINING AREA: Facility Code 17430 Impact Area Dudded

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Only qualified ordnance personnel can remove misfired smoke grenades.

1803-GNRY-1021: Evacuate an injured crewman

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

BILLETS: Platoon Commander, Vehicle Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV, associated equipment and crew.

STANDARD: In accordance with MCWP 3-12.2.

PERFORMANCE STEPS:

1. Establish security.
2. Report casualty to next highest echelon.
3. Provide required triage/casualty care.
4. Prepare casualty for transport to extraction point.
5. Evacuate an injured crewman.

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. ST 3-20.21-1 Individual and Crew Live-Fire Prerequisite Testing
3. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1803. See Appendix G for further detail.

1803-CMDC-1001: Communicate Using Visual Signals

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious Vehicle with crew and an operating area.

STANDARD: To control the movement of vehicle(s).

PERFORMANCE STEPS:

1. Employ day ground guiding signals
2. Employ night ground guiding signals

3. Employ day tactical hand and arm signals
4. Employ night tactical hand and arm signals

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Special equipment is required for night operations (i.e. cone lights, chemical light sticks, etc.).

1803-CMDC-1002: Respond to Signals

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given standard flags, lights, pyrotechnics and markers.

STANDARD: To control Assault Amphibious Vehicle movement.

PERFORMANCE STEPS:

1. Respond to standard beach signals/markers
2. Respond to standard naval signals/markers
3. Respond to standard tactical signals/markers
4. Respond to standard logistical signals/markers

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area, Amphibious Forces

1803-CMDC-1003: Conduct Internal/External Communications

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, and radio net.

STANDARD: To communicate with crew and other elements.

PERFORMANCE STEPS:

1. Prepare the communications equipment for operations
2. Operate the Combat Vehicle Crewman's (CVC) helmet
3. Operate the vehicle intercom system
4. Operate the audio frequency amplifier
5. Operate the receiver/transmitters
6. Operate the position location systems
7. Secure communication equipment from operation

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 11-5820-1172-13 Operator and Maintenance Manual, Defense Advanced GPS Receiver (DAGR) Satellite Signals Navigation Set AN/PSN-13
3. TM 11-5820-890-10-6 Operator's Pocket Guide for SINCGARS Ground ICOM Radios

1803-CMDC-1004: Control Radio Communications

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious unit, and Communications Electronics Operating Instructions.

STANDARD: To enforce voice radio procedures.

PERFORMANCE STEPS:

1. Verify that all elements have the data and COMSEC
2. Update Frequency Hopping data using electronic remote fill (ERF)
3. Enforce standard radio procedures
4. Assign local unit call signs and frequencies
5. Enforce radio silence
6. Determine the presence of electronic countermeasures

REFERENCES:

1. MCRP 3-11.1A Commander's Tactical Handbook
2. MCRP 6-22C RADIO OPERATOR'S HANDBOOK
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

1803-CMDC-1005: Employ Command Communication System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAVC7A1.

STANDARD: To ensure that the system is ready for the using unit.

PERFORMANCE STEPS:

1. Follow start-up procedures for communications suite
2. Troubleshoot the communications suite
3. Assist embarked staff with configuring and operating the communications suite
4. Secure equipment after operation

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 2. TM 07268C-10/1 Assault Amphibious Vehicle, Command, Model 7A1 RAM/RS (AAVC7A1 RAM/RS) Supplement to TM 09674A-10/3
-

1803-CMDC-1006: Submit Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given report formats and a situation requiring tactical or administrative information.

STANDARD: To inform higher headquarters.

PERFORMANCE STEPS:

1. Determine type of report (administrative, logistical, operational and amphibious)
2. Generate report
3. Forward report

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
 2. MCRP 3-11.1A Commander's Tactical Handbook
 3. MCRP 3-13.1A The Mechanized Infantry Platoon and Squad (APC)
 4. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
-

1803-CMDC-1007: Conduct Operational Safety

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle unit.

STANDARD: To ensure the safety of personnel.

PERFORMANCE STEPS:

1. Conduct mission analysis and assess the situation
2. Develop safety plans
3. Implement safety plans
4. Supervise implementation of safety plans

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
 2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 4. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle
-

1803-CMDC-1008: Conduct Intelligence Preparation of the Battlefield

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an operations order and an area of operations.

STANDARD: To evaluate enemy capabilities, vulnerabilities and probable courses of action.

PERFORMANCE STEPS:

1. Define the battlefield environment
2. Describe the battlefield's effect on operations
3. Evaluate the threat
4. Determine threat COA
5. Advise supported unit leader on AAV employment considerations based on IPB products

REFERENCES:

1. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1803-CMDC-1009: Advise Supported Unit Commander on Assault Amphibious Vehicle Employment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and a command relationship with a supported unit.

STANDARD: To assist with planning by providing estimates of supportability and subject matter expertise.

PERFORMANCE STEPS:

1. Assist the supported unit leader with mission analysis and planning
2. Task organize the AA unit
3. Brief the vehicle AA units limitations/capabilities
4. Brief the AA units offensive and defensive considerations
5. Brief the AA units amphibious employment considerations
6. Brief C7 capabilities/limitations
7. Determine and address the logistical requirements
8. Brief the vehicle safety guidelines

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. JP 3-02 Amphibious Operations
3. MCRP 3-13.1A The Mechanized Infantry Platoon and Squad (APC)
4. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
5. MCWP 3-40.1 MAGTF Command and Control

~~1803-VOPS-1001:~~ Conduct Operational Checks

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, crew, and the references.

STANDARD: To prevent mechanical malfunctions, ensuring that the system is fully capable to conduct combat missions in support of unit readiness requirements.

PERFORMANCE STEPS:

1. Verify completion of pre-operation checklist
2. Verify completion of during operation checklist
3. Verify completion of at-halt operation checklist
4. Verify completion of after operation checklist
5. Verify completion of pre-water checklist

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

1803-VOPS-1002: Conduct Preventive Maintenance Checks and Services

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, collateral material and reference.

STANDARD: To maintain vehicle readiness.

PERFORMANCE STEPS:

1. Ensure PMCS of the vehicle components are completed
2. Ensure PMCS of the Upgunned Weapons Station is completed
3. Ensure PMCS of the communication equipment is completed
4. Ensure PMCS of the special mission kits are completed

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

1803-VOPS-1003: Conduct Emergency Maintenance Procedures on Assault Amphibious Vehicle Subsystems

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given leaking contact cooler or hydraulic system and reference.

STANDARD: To restore the vehicle to an operational status.

PERFORMANCE STEPS:

1. Verify completion of contact cooler bypass procedures
2. Verify completion of emergency closing of the plenums

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1803-VOPS-1004: Conduct Land Tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle and required vehicles with crew, equipment and reference.

STANDARD: To move the disabled AAV.

PERFORMANCE STEPS:

1. Prepare disabled vehicle for towing
2. Tow using tow bar
3. Tow using tow cables

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1803-VOPS-1005: Conduct Demolition of AAV

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition material and an order to destroy an AAV.

STANDARD: To prevent enemy use of the AAV and/or its critical components.

PERFORMANCE STEPS:

1. Determine the criteria to conduct demolition
2. Remove salvageable items

3. Zeroize communications equipment
4. Determine methods of destruction available
5. Determine the items to be destroyed
6. Destroy identified equipment

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
 2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 3. TM 10004A-10/1D Ungunned Weapons Station, Assault Amphibious Vehicle
-

1803-VOPS-1006: Determine/select use of AAV Special Mission Kits

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 36 months

DESCRIPTION: Assault Amphibious Vehicle Special Mission Kits include: Enhanced Appliqué Armor Kit, Litter Kit, Mk 154 Linear Mine Clearing Kit, Winterization Kit and Visor Kit.

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle and references.

STANDARD: To enhance vehicles capabilities/survivability.

PERFORMANCE STEPS:

1. Conduct mission analysis
2. Assess the capabilities/limitations of each special mission kit
3. Identify the appropriate special mission kit to use
4. Determine the time and resources required to install/remove kit
5. Determine the impact on mission with and without kit installed

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1803-VOPS-1007: Hook up disabled vehicle for land tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

BILLETS: Platoon Commander, Vehicle Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle with crew and required equipment.

STANDARD: So that the tow bar is attached, ready for tow of the disabled vehicle.

PERFORMANCE STEPS:

1. Lift tow bar.
2. Move tow bar to disabled vehicle.
3. Attach tow bar to disabled AAV.

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1803. See Appendix G for further detail.

1803-CSS-1001: Monitor Maintenance Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious Vehicle platoon and reference,

STANDARD: To assess the impact on the units readiness.

PERFORMANCE STEPS:

1. Identify elements of reports
2. Verify job status
3. Verify parts status
4. Report readiness to Company Commander

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
 2. TM 4700-15/1_ Ground Equipment Record Procedures
-

1803-CSS-1002: Conduct Vehicle Inspection

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious platoon and references.

STANDARD: To ensure accountability, serviceability and operational readiness of unit equipment.

PERFORMANCE STEPS:

1. Inspect SL-3
2. Inspect the AAV and systems
3. Inspect logbook
4. Inspect the weapon(s)
5. Inspect the communication system
6. Verify that all discrepancies are properly reported and reconciled

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 2. TM 4700-15/1_ Ground Equipment Record Procedures
 3. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
-

1803-CSS-1003: Conduct Recovery Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle, and additional AAVP7s or an AAVR7 with crews and equipment.

STANDARD: To recover the disabled Assault Amphibious Vehicle and position it for repair or towing.

PERFORMANCE STEPS:

1. Identify tactical/non-tactical conditions
2. Identify types of assets required
3. Prepare disabled vehicle and assets
4. Execute recovery procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17411 Maneuver/Training Area, Amphibious Forces
Facility Code 17420 Maneuver/Training Area, Heavy Forces

MISCELLANEOUS:

STANDARD: To prevent injury or loss of life while executing steps in sequence.

PERFORMANCE STEPS:

1. Follow vehicle commander emergency procedures afloat
2. Supervise driver emergency procedures afloat
3. Supervise crewman emergency procedures afloat
4. Perform water survival techniques

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17330 Covered Training Area

1803-AMPH-1003: Conduct Water Tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled AAV in the water, an operational AAV in the water, crews, and equipment.

STANDARD: To recover the disabled vehicle and return it to ship or shore.

PERFORMANCE STEPS:

1. Assess the environment/situation
2. Prepare disabled vehicle for towing
3. Prepare towing vehicle
4. Position vehicles
5. Tow disabled vehicle

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area, Amphibious Forces

1803-AMPH-1004: Prepare AAV unit for Amphib ops

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETTS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious platoon and amphibious mission.

STANDARD: To determine go/no go criteria for Assault Amphibious Vehicle amphibious operations.

PERFORMANCE STEPS:

1. Conduct operations planning
2. Coordinate and deconflict operations area
3. Complete Surf Observation report
4. Complete Modified Surf Index
5. Submit reports
6. Supervise completion of pre-water operations checklists
7. Supervise splash team procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. COMNAVSURFLANTINST 3840.1B Joint Surf Manual
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1803-AMPH-1005: Egress the AAV

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 4 months

BILLETTS: Platoon Commander

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a rapidly sinking or submerged AAV.

STANDARD: To exit the AAV and reach the surface of the water.

PERFORMANCE STEPS:

1. Unfasten seatbelt
2. Unlock assigned hatch
3. Employ life support equipment as required
4. Exit vehicle
5. Swim to surface

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. TM 07268B-10/1D Assault Amphibious Vehicle, Command, Model 7A1 (AAVC7A1) Supplement to TM 09674A-10/3

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: This task shall be trained using the Submerged Vehicle Egress Trainer (SVET). Egress drills should be conducted on AAV while parked at the ramp or during field exercises, but the training will not be satisfied by any means other than SVET.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Reserve training will take place at Initial Location for Mobilization (ILOC) or during two week annual training (AT).

1803-TAC-1001: Camouflage an Assault Amphibious Vehicle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, crew and equipment.

STANDARD: To avoid enemy observation.

PERFORMANCE STEPS:

1. Prepare camouflage system
2. Employ camouflage system
3. Stow camouflage system

REFERENCES:

1. TM 5-1080-200-10 Lightweight Camouflage Screen System and Support System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1803-TAC-1002: Conduct Operations in Special Terrain

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1803

GRADES: 2NDLT, 1STLT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibian platoon, area of operations and an operation order.

STANDARD: To exploit vehicle capabilities within environmental limitations.

PERFORMANCE STEPS:

1. Operate in jungle environment
2. Conduct riverine operations
3. Execute a river crossing
4. Operate in urban terrain
5. Operate in desert environment
6. Operate in mountainous terrain
7. Operate in cold weather

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

6007. 2000-LEVEL EVENTS

1803-COND-2001: March with a fighting load

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an individual weapon, a fighting load, and as part of a unit movement.

STANDARD: To complete a 15-kilometer march within four hours.

PERFORMANCE STEPS:

1. Assemble the load for the march.
2. Don the load for the march.
3. Complete a 15-kilometer march.

REFERENCES:

1. MCRP 3-02A Marine Physical Readiness Training for Combat

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1803. Prior to executing this event, Marines will conduct a 5K and 10K march with the fighting load. Individual field equipment weight is not to exceed 55 pounds.

AAV T&R MANUAL

CHAPTER 7

MOS 1833 INDIVIDUAL EVENT

	PARAGRAPH	PAGE
PURPOSE.	7000	7-2
EVENT CODING	7001	7-2
ADMINISTRATIVE NOTES	7002	7-2
PREREQUISITES	7003	7-2
BILLET DESCRIPTION/CORE CAPABILITIES	7004	7-2
INDEX OF INDIVIDUAL EVENTS BY LEVEL.	7005	7-8
2000-LEVEL EVENTS.	7006	7-10
1000-LEVEL EVENTS.	7007	7-37

AAV T&R MANUAL

CHAPTER 7

MOS 1833 INDIVIDUAL EVENT

7000. PURPOSE. The purpose of 1000-level training is to provide the knowledge and skills required to perform as an Assault Amphibious Vehicle (AAV) Crewman. 2000-level events are Core Plus events, with initial training settings of either MOJT or through resident career progression training (Assault Amphibian Unit Leader Course)/distance learning PME.

7001. EVENT CODING. Events in the T&R Manual are depicted with a 12 field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one - Each event in this chapter begins with "1833" indicating that the event is for AAV Crewmen.

b. Field two - This field is alpha characters indicating a functional area. Functional areas for AAV Crewmen are:

GNNRY - Gunnery	CMDC - Command and Control
VOPPS - Vehicle Operations	CBTS - Combat Support
CSS - Combat Service Support	AMPH - Amphibious Operations
TAC - Tactical Operation	

c. Field three - This field provides numerical sequencing.

7002. ADMINISTRATIVE NOTES. Each event may contain a paragraph that describes internal and external Support Requirements the unit and Marines will need to complete the event. Ranges/Training Areas are described in this section with plain-language description. They are also described using the Range/Facility Codes that identify the type of range and/or training area needed to accomplish the Event. Marines can use the codes to find information about available ranges at their geographic location by using the web-based Range/Training Area Management System (see TECOM website). Ultimate use of the Range/Training Area Code is to relate ranges to readiness by identifying those Events that cannot be accomplished at a certain location due to lack of ranges.

7003. PREREQUISITES. The Marine 1833 AAV Crewman will have completed the Assault Amphibian Crewman Course before reporting in at AAV Bn.

7004. BILLET DESCRIPTION/CORE CAPABILITIES

1. CAREER PROGRESSION PHILOSOPHY. The AAV Crewman will complete the Assault Amphibian Crewman Course, Assault Amphibious School, Camp Pendleton, CA.

Upon graduation, the AAV Crewman will conduct additional Level 2000 training in an Assault Amphibian unit in a variety of billets. Level 2 training continues through completion of Career, Intermediate, and Advanced Level Professional Military Education (PME), available through resident, seminar and distance learning courses.

2. BILLET: Crewman, AAVP7. Junior 1833 Crewman on the AAV.

a. Core Capabilities:

- (1) Executes Vehicle Commander's commands related to employment and function of the AAV.
- (2) Drives AAV.
- (3) Assist Vehicle Commander with acquiring targets.
- (4) Assists in vehicle operational checks of AAV.
- (5) Assists with Preventative Maintenance Checks and Services on AAV.
- (6) Assists in embarking and debarking of the infantry.
- (7) Maintains good order and discipline in the troop compartment.
- (8) Warns of violations to the watertight integrity of the hull.
- (9) Assists embarked personnel in vehicle evacuation.
- (10) Serves as assistant gunner to the Vehicle Commander.
- (11) Maintains vehicle security.

3. BILLET: Vehicle Commander, AAVP7. Senior 1833 Crewman on the AAV. The Vehicle Commander leads a crew of two and is responsible for the maintenance and operation of the AAVP7A1 and all associated collateral gear. The Vehicle Commander operates the Uppgunned Weapons Station.

a. Core Capabilities:

- (1) Responsible for AAV crewman.
- (2) Responsible for embarked personnel.
- (3) Maintains vehicle administrative documents.
- (4) Executes Section Leader's commands related to employment and function of the AAV.
- (5) Employs Uppgunned Weapons Station

4. BILLET: Section Leader, AAVP7. Senior 1833 Crewman in the AAV Section with three or more vehicles. The Section Leader leads all vehicle crews and is responsible for all vehicles and associated collateral equipment in his section. The Section Leader is positioned in the Uppgunned Weapons Station. During water operations, either in the ocean or river, the Assault Amphibian Section Leader maintains control of the tactical movement of the Assault Amphibian section.

a. Core Capabilities:

- (1) Responsible for AAV crewman within section.
- (2) Responsible for embarked personnel within section.
- (3) Audits section's administrative documents.
- (4) Executes Platoon Commander's commands related to employment and function of the AAV section.
- (5) Employs section's Uppgunned Weapons Stations in direct fire role.
- (6) Advises supported unit commander.

5. BILLET: Platoon Sergeant, Assault Amphibian Platoon. Senior 1833 and second in command of the Assault Amphibian Platoon. Positioned in the Upgunned Weapons Station of the platoon's logistics vehicle. He is responsible for maintaining the platoon's vehicles and all associated collateral gear. He advises the Assault Amphibian Platoon Commander on training, welfare, administrative functions and tactical employment of the platoon.

a. Core Capabilities:

- (1) Responsible for AAV crewman within platoon.
- (2) Responsible for vehicles and collateral equipment within platoon.
- (3) Audits administrative documents and assists in all maintenance management functions of the platoon.
- (4) Employs Upgunned Weapons Stations.
- (5) Advises supported unit commander.
- (6) Assumes command in Platoon Commanders absence.
- (7) Coordinates embarkation of vehicles and platoon.
- (8) Coordinates logistical support for Assault Amphibian platoon.
- (9) Coordinates all recovery and evacuation operations.

6. BILLET: Crewman, AAVC7. Junior 1833 Crewman on the AAV.

a. Core Capabilities:

- (1) Executes Vehicle Commander's commands related to employment and function of the AAVC7.
- (2) Drives AAV.
- (3) Assist Vehicle Commander with acquiring targets.
- (4) Assists in vehicle operational checks of AAV.
- (5) Assists with Preventative Maintenance Checks and Services on AAV.
- (6) Assists in embarking and debarking of the infantry.
- (7) Warns of violations to the watertight integrity of the hull.
- (8) Assists embarked personnel in vehicle evacuation.
- (9) Serves as assistant gunner to the Vehicle Commander.
- (10) Maintains vehicle security.

7. BILLET: Vehicle Commander, AAVC7. Senior 1833 Crewman on the AAVC7. The Vehicle Commander leads a crew of two and is responsible for the maintenance and operation of the AAVC7A1 and all associated collateral gear. The Vehicle Commander station mounts the defensive medium machine gun.

a. Core Capabilities:

- (1) Responsible for AAV crewman.
- (2) Responsible for embarked personnel.
- (3) Maintains vehicle administrative documents.
- (4) Executes Section Leader's commands related to employment and function of the AAV.
- (5) Employs Medium Machine Gun in defense of vehicle.

8. BILLET: Section Leader, Assault Amphibian Command Section. Senior 1833 Crewman in the AAV Section with two or more vehicles, with at least one of the vehicles an AAVC7. The Section Leader leads all vehicle crews and is

responsible for all vehicles and associated collateral equipment in his section.

a. Core Capabilities:

- (1) Responsible for AAV crewman within section.
- (2) Responsible for embarked personnel within section.
- (3) Audits section's administrative documents.
- (4) Executes supported unit Commander's commands related to employment and function of the AAV Command section.
- (5) Employs section's Uppgunned Weapons Stations and medium machine guns in defensive role.
- (6) Advises supported unit commander.

9. BILLET: Crewman, Mk 1 Mod 0 Mine Clearance System. Junior 1833 Crewman on the AAV.

a. Core Capabilities:

- (1) Executes Vehicle Commander's commands related to employment and function of the AAV.
- (2) Drives AAV.
- (3) Assist Vehicle Commander with acquiring targets.
- (4) Assists in vehicle operational checks of AAV.
- (5) Assists with AAV Preventative Maintenance Checks and Services.
- (6) Warns of violations to the watertight integrity of the hull.
- (7) Serves as assistant gunner to the Vehicle Commander.
- (8) Maintains vehicle security.
- (9) Assists in deploying Mk 1 Mod 0 Mine Clearance System.

10. BILLET: Vehicle Commander, Mk 1 Mod 0 Mine Clearance System. Senior 1833 Crewman on the AAV with Mk 154 installed. The Vehicle Commander leads a crew of two and is responsible for the maintenance and operation of the AAVP7A1 and all associated collateral gear. The Vehicle Commander operates the Uppgunned Weapons Station.

a. Core Capabilities:

- (1) Responsible for the AAV crewmen.
- (2) Responsible for Mk 154 Mod 0 kit.
- (3) Maintains vehicle administrative documents.
- (4) Executes Section or Team Leader's commands related to employment and function of the Mk 1 Mod 0 Mine Clearance System.
- (5) Employs Uppgunned Weapons Station

11. BILLET: Team Leader, Mk 1 Mod 0 Mine Clearance System. Senior 1833 Crewman in the AAV Team with four or more vehicles, at least two vehicles have Mk 154 installed. The Team Leader leads all vehicle crews and is responsible for all vehicles and associated collateral equipment in his section. The Team Leader is positioned in the Uppgunned Weapons Station. During water operations, either in the ocean or river, the Assault Amphibian Team Leader maintains control of the tactical movement of the Assault Amphibian team.

a. Core Capabilities:

- (1) Responsible for the AAV crewmen within team.
- (2) Responsible for any embarked personnel.
- (3) Audits team's administrative documents.
- (4) Executes Breach Force Commander's commands related to employment and function of the AAV Team.
- (5) Employs team's Uppgunned Weapons Stations.
- (6) Advises supported unit commander.

12. BILLET: Section Leader, Mk 1 Mod 0 Mine Clearance System. Senior 1833 crewman in the AAV Section with eight or more vehicles, at least four vehicles have Mk 154 installed. The Section Leader leads all vehicle crews and is responsible for all vehicles and associated collateral equipment in his section. The Section Leader is positioned in the Uppgunned Weapons Station. During water operations, either in the ocean or river, the Assault Amphibian Section Leader maintains control of the tactical movement of the Assault Amphibian section.

a. Core Capabilities:

- (1) Responsible for AAV crewman within section.
- (2) Responsible for embarked personnel within section.
- (3) Audits section's administrative documents.
- (4) Executes Breach Force Commander's commands related to employment and function of the AAV section.
- (5) Employs section's Uppgunned Weapons Stations.
- (6) Advises supported unit commander.

13. BILLET: Platoon Sergeant, Assault Amphibian Mine Countermeasure Platoon. Senior 1833 and second in command of the Assault Amphibian MCM Platoon. Positioned in the Uppgunned Weapons Station of the platoon's logistics vehicle. He is responsible for maintaining the platoon's vehicles and all associated collateral gear. He advises the Assault Amphibian Platoon Commander on training, welfare, administrative functions and tactical employment of the platoon.

a. Core Capabilities:

- (1) Responsible for AAV crewman within platoon.
- (2) Responsible for vehicles and collateral equipment within platoon.
- (3) Audits administrative documents and assists in all maintenance management functions of the platoon.
- (4) Employs Uppgunned Weapons Stations.
- (5) Advises supported unit commander.
- (6) Assumes command in Platoon Commander's absence.
- (7) Coordinates embarkation of vehicles and platoon.
- (8) Coordinates logistical support for Assault Amphibian platoon.
- (9) Coordinates all recovery and evacuation operations.

14. BILLET: Company Logistics Chief. Second most senior 1833 Marine in the AA company who is responsible for all logistical requirements. He assists the Company Operations Chief and the executive officer in the logistical planning of the company.

a. Core Capabilities:

- (1) Advises the company commander on unit logistical requirements.
- (2) Coordinates company logistical support.
- (3) Assists in development of logistical requirements and support for operations.
- (4) Coordinates company embarkation plans.
- (5) Monitors company hazardous material section.
- (6) Assists the Executive officer and Company Operations Chief in planning future operations.
- (7) Instructs company personnel in general and specific military subjects, technical subjects, and safety procedures.
- (8) Trains AA Platoon Sergeants in performance of duties.
- (9) Mentors the Staff Non Commissioned Officers of the Company

15. BILLET: Company Operations Chief. Senior 1833 Marine in the AA company. Advises the company commander on training and operations of the AA company.

a. Core Capabilities:

- (1) Advises the company commander in monitoring, conducting, reporting, and supervising unit training.
- (2) Coordinates and evaluates Company individual and unit training.
- (3) Conducts quartering party operations.
- (4) Coordinates COC setup and operations.
- (5) Serves as senior enlisted Marine in combat operations center.
- (6) Coordinates assembly area activities.
- (7) Coordinates operations section embarkation plans.
- (8) Assists the Executive officer in planning future operations.
- (9) Advises the AA company commander on all 1833 Marine matters.
- (10) Instructs company personnel in general and specific military subjects, technical subjects, and safety procedures.
- (11) Trains AA platoon Sergeants in performance of duties.
- (12) Mentors the Staff Non Commissioned Officers of the Company.

16. BILLET: Battalion Logistics Chief. Senior 1833 Marine in the battalion logistics section.

a. Core Capabilities:

- (1) Advises the logistics officer on unit logistical requirements.
- (2) Coordinates battalion logistical support.
- (3) Assists in development of logistical requirements and support for operations.
- (4) Determines logistical requirements for unit training.
- (5) Coordinates battalion embarkation plans.
- (6) Monitors battalion hazardous material section.
- (7) Coordinates Logistics Operations Center (LOC) setup and activities.
- (8) Serves as senior enlisted Marine in LOC.

17. BILLET: Battalion Operations Chief. Senior 1833 Marine in the battalion operations section.

a. Core Capabilities:

- (1) Advises the operations officer on unit training.
- (2) Coordinates battalion individual and unit training.
- (3) Coordinates COC setup and operations.
- (4) Serves as senior enlisted Marine in combat operations center.
- (5) Coordinates assembly area activities.
- (6) Evaluates individual and unit training.
- (7) Coordinates operations section embarkation plans.
- (8) Assists the operations officer in planning future operations.
- (9) Advises the AA battalion commander on all 1833 Marine matters.

7005. INDEX OF INDIVIDUAL EVENTS

Event	Event	Page
1000-LEVEL		
1833-GNRY-1001	Conduct Preventive Maintenance Checks and Services on Weapons	7-10
1833-GNRY-1002	Conduct Preventive Maintenance Checks and Services on Upgunned Weapons Station	7-11
1833-GNRY-1003	Operate Upgunned Weapons Station	7-11
1833-GNRY-1004	Set Headspace and Adjust Timing	7-12
1833-GNRY-1005	Install/Remove Weapons	7-13
1833-GNRY-1006	Assist in Minor Boresighting	7-13
1833-GNRY-1007	Load/Unload Weapons	7-14
1833-GNRY-1008	Zero the Upgunned Weapons Station	7-15
1833-GNRY-1009	Utilize a Range Card	7-15
1833-GNRY-1010	Recognize threat/friendly vehicles and theater specific theater vehicles	7-16
1833-GNRY-1011	Engage Stationary Target from a Stationary Position	7-17
1833-GNRY-1012	Conduct Failure to Fire Procedures	7-18
1833-GNRY-1013	Conduct Gunnery Skills Test	7-19
1833-GNRY-1014	Perform Individual Actions as Assigned crew member for Gun Table 1	7-19
1833-GNRY-1015	Perform Preventive Maintenance Checks and Services (PMCS) on an M257 Smoke Grenade Launcher	7-20
1833-GNRY-1016	Load/Unload M257 Smoke Grenade Launcher	7-20
1833-GNRY-1017	Evacuate an injured crewman	7-21
1833-CMDC-1001	Communicate Using Visual Signals	7-22
1833-CMDC-1002	Identify Signals	7-23
1833-CMDC-1003	Conduct Internal and External Communications	7-23
1833-CMDC-1004	Conduct Operational Safety	7-24
1833-CMDC-1005	Participate in tactical formations and movement techniques	7-24
1833-VOPS-1001	Conduct Operational Checks	7-25
1833-VOPS-1002	Embark Personnel on an AAV	7-26

1833-VOPS-1003	Start the Engine	7-26
1833-VOPS-1004	Start the Engine by Alternate Means	7-27
1833-VOPS-1005	Drive the Assault Amphibious Vehicle	7-27
1833-VOPS-1006	Identify a System Malfunction	7-28
1833-VOPS-1007	Conduct Emergency Maintenance Procedures on Assault Amphibious Vehicle Subsystems	7-28
1833-VOPS-1008	Operate Smoke Generation System	7-29
1833-VOPS-1009	Conduct Land Tow	7-29
1833-VOPS-1010	Operate Driver's Vision Enhancer (DVE)	7-30
1833-VOPS-1011	Conduct Preventive Maintenance Checks and Services	7-30
1833-VOPS-1012	Conduct Preventive Maintenance Checks and Services on Communications Equipment	7-31
1833-VOPS-1013	Install/remove Special Mission Kit	7-32
1833-VOPS-1014	Hook up disabled vehicle for land tow	7-32
1833-AMPH-1001	Conduct Pre-Water Operation Checks	7-33
1833-AMPH-1002	Embark/Debark amphibious shipping	7-33
1833-AMPH-1003	Operate the Assault Amphibious Vehicle in Water	7-34
1833-AMPH-1004	Conduct Water Tow	7-34
1833-AMPH-1005	Assist Evacuation of Embarked Personnel	7-35
1833-AMPH-1006	Egress the AAV	7-36
1833-TAC-1001	Camouflage an Assault Amphibious Vehicle	7-36
2000-LEVEL		
1833-GNRY-2001	Set Inhibit Zone for the Upgunned Weapons Station	7-37
1833-GNRY-2002	Conduct Detailed Disassembly/Assembly	7-38
1833-GNRY-2003	Set Headspace and Timing	7-38
1833-GNRY-2004	Conduct Minor Boresight Upgunned Weapons Station	7-39
1833-GNRY-2005	Develop a Range Card	7-39
1833-GNRY-2006	Create Fire Plan Sketch	7-40
1833-GNRY-2007	Identify Combat Vehicles	7-41
1833-GNRY-2008	Install/Remove M240	7-41
1833-GNRY-2009	Engage a Target with M240	7-42
1833-GNRY-2010	Perform the Engagement Process	7-43
1833-GNRY-2011	Fire the M257 Smoke Grenade Launcher	7-43
1833-GNRY-2012	Perform immediate action procedures for an M257 smoke grenade launcher	7-44
1833-CMDC-2001	Control Radio Communications	7-45
1833-CMDC-2002	Respond to Signals	7-45
1833-CMDC-2003	Conduct Operational Safety	7-46
1833-CMDC-2004	Operate Command Communication System	7-46
1833-CMDC-2005	Assist in the Development of Intelligence Preparation of the Battlefield Products	7-47
1833-CMDC-2006	Issue a Frag Order	7-48

1833-CMDC-2007	Submit Reports	7-48
1833-CMDC-2008	Advise Infantry on Assault Amphibious Vehicle Employment	7-49
1833-VOPS-2001	Maintain Logbook	7-49
1833-VOPS-2002	Inspect Operational Checks	7-50
1833-VOPS-2003	Inspect Preventive Maintenance Checks and Services	7-50
1833-VOPS-2004	Inspect Emergency Maintenance Procedures	7-51
1833-VOPS-2005	Conduct Recovery Operations	7-51
1833-VOPS-2006	Supervise Demolition of AAV	7-52
1833-CBTS-2001	Conduct Preventive Maintenance Checks and Services on Mk 154 Launcher Mine Clearance System	7-53
1833-CBTS-2002	Install Mk 154 Launcher Mine Clearance System	7-53
1833-CBTS-2003	Load Ordnance Material	7-54
1833-CBTS-2004	Deploy Mk 1 Mod 0 Mine Clearance System	7-55
1833-CBTS-2005	Unload Ordnance	7-56
1833-CBTS-2006	Remove Mk 154 Launcher Mine Clearance System	7-57
1833-CBTS-2007	Advise Breach Force Commander	7-57
1833-COND-2001	March with a fighting load	7-58
1833-CSS-2001	Track Administrative Maintenance Processes	7-58
1833-CSS-2002	Monitor Maintenance Reports	7-59
1833-CSS-2003	Conduct Vehicle Inspection	7-60
1833-AMPH-2001	Evacuate Embarked Personnel	7-60
1833-AMPH-2002	Prepare AAV Unit for Amphibious Operations	7-61
1833-TAC-2001	Conduct Operations in Special Terrain	7-61

7006. 1000-LEVEL EVENTS

1833-GNRY-1001: Conduct Preventive Maintenance Checks and Services on Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Mk 19, M240B, and M2 machineguns and references.

STANDARD: To keep equipment in operating condition and ready for its primary Mission.

PERFORMANCE STEPS:

1. Clear the machineguns
2. Perform safety check

3. Disassemble the weapon
4. Inspect, clean and lubricate the components
5. Report worn or defective parts
6. Assemble the weapon
7. Perform function check

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel
3. TM 08521A-10/1A Technical Manual, Operator's Manual, Machinegun, 40mm, MK19 MOD 3
4. TM 08670A/1A Operator's Manual, Machinegun, 7.62mm, M240

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: There is a time limit for this task within the MCWP 3-12.2 under the Gunnery Skills Test. The time limit covers multiple tasks that are grouped together in one station. The time limit will not show up in the standards for this task but can be found in the reference.

1833-GNRY-1002: Conductive Preventive Maintenance Checks and Services on Ugunned Weapons Station

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given collateral material and reference.

STANDARD: To keep equipment in operating condition and ready for its primary mission.

PERFORMANCE STEPS:

1. Apply PMCS to turret exterior
2. Apply PMCS to turret interior
3. Lubricate turret components

REFERENCES:

1. TM 10004A-10/1E Ugunned Weapons Station, Assault Amphibious Vehicle
-

1833-GNRY-1003: Operate Ugunned Weapons Station (UGWS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle.

STANDARD: To ensure readiness of all components.

PERFORMANCE STEPS:

1. Complete UGWS pre-operation checklist
2. Manipulate electrical components
3. Manipulate manual components

REFERENCES:

1. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: Assault Amphibian Vehicle Turret Trainer (AAV-TT)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations will be used as a precursor to live training in order to help maximize and enhance the live training event.

1833-GNRY-1004: Set Headspace and Adjust Timing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an M2, collateral equipment and reference.

STANDARD: To prepare weapon for firing.

PERFORMANCE STEPS:

1. Set headspace
2. Adjust timing

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: There is a time limit for this task within the MCWP 3-12.2 under the Gunnery Skills Test. The time limit covers multiple tasks that are grouped together in one station. The time limit will not show up in the standards for this task but can be found in the reference.

1833-GNRY-1005: Install/Remove Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

BILLETS: Crewman, Driver, Vehicle Commander

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given machineguns, Up-gunned Weapons Station, crew and reference.

STANDARD: Within 20 minutes.

PERFORMANCE STEPS:

1. Install Mk 19
2. Install M2
3. Remove Mk 19
4. Remove M2

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Up-gunned Weapons Station, Assault Amphibious Vehicle

ADMINISTRATIVE INSTRUCTIONS: 1. This event, performance step one is a MOS Specific Physical Standard required for the MOS of 1833. See Appendix G for further detail.

1833-GNRY-1006: Assist in Minor Boresighting

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew, machineguns, boresighting kit and references.

STANDARD: To provide a true sight line adjustment, within 15 minutes.

PERFORMANCE STEPS:

1. Assist with boresight procedures for M36E
2. Assist with retention procedures

REFERENCES:

1. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle
2. TM 8F419D1/4 Upgunned Weapons Station M36E Thermal Sighting System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task will be performed to standard as part of the Gunnery Skills Test.

1833-GNRY-1007: Load/Unload Weapons

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, crew, and ammunition.

STANDARD: within 20 minutes to prepare Upgunned Weapons Station to fire.

PERFORMANCE STEPS:

1. Load/unload Mk 19
2. Load/unload M2
3. Load/unload M257

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A560 Cartridge, Caliber .50 Dummy M2	200 rounds per AAV
B472 Cartridge, 40mm Dummy M922	96 rounds per AAV

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event this task will be performed to standard as part of the Gunnery Skills Test and Gunnery Tables.

1833-GNRY-1008: Zero the Up-gunned Weapons Station

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Live fire gunnery designed to zero the Up-gunned Weapons Station.

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a Boresighted Assault Amphibious Vehicle, ammunition, and stationary target at 500m.

STANDARD: To place center of beaten zone on the target.

PERFORMANCE STEPS:

1. Zero the sight to the Mk 19 machine gun
2. Zero the M2 machine gun to the sight

REFERENCES:

1. FM 3-22.27 Mk 19 40mm Grenade Machine Gun Mod 3
2. FM 3-22.65 Browning Machine Gun, Caliber .50 HB, M2
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
4. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A555 Cartridge, Caliber .50 Ball M33 Link	50 rounds per AAV
A576 Cartridge, Caliber .50 4 API M8/1 AP	50 rounds per AAV
B542 Cartridge, 40mm HEDP M430/M430A1 Lin	8 rounds per AAV
BA12 Cartridge, 40mm Practice MK 281 Mod	8 rounds per AAV

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ammunition is either TP or HE DP and Ball or API-T (Only TP and Ball on Pop-up targets). This Task will be performed to standard as part of the Gunnery Tables.

1833-GNRY-1009: Utilize a Range Card

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle in a defensive position.

STANDARD: To engage targets with the Upgunned Weapons Station.

PERFORMANCE STEPS:

1. Orient the Range Card
2. Identify Main Terrain Features
3. Identify Target Reference Point
4. Identify Vehicle Location
5. Identify Sectors of Fire
6. Identify PDF and FPL
7. Identify Dead Space
8. Identify OP
9. Identify Obstacles

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event.

1833-GNRY-1010: Recognize threat/friendly vehicles and theater specific threat vehicles

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a classroom present 20 combat vehicles.

STANDARD: To name 18 out of 20 Vehicles.

PERFORMANCE STEPS:

1. Identify characteristics of the vehicle
2. Identify type of vehicle

REFERENCES:

1. ROC-V Recognition of Combat Vehicles

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event. 2. A minimum of four of these slides must be thermal signatures (if unit is equipped with thermal optics). A minimum of five U.S. vehicles and helicopters (mixed; no more than three helicopters per test) will be selected from U.S. armored vehicles and combat helicopters currently in use. 3. All U.S. equipment must be identified correctly to receive a GO rating. 4. This task will be performed to standard as part of the Gunnery Skills Test.

1833-GNRY-1011: Engage Stationary Target from a Stationary Position

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Gunnery that demonstrates engagement skills from a stationary position against stationary target(s).

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a loaded Upgunned Weapons Station.

STANDARD: To suppress and destroy targets.

PERFORMANCE STEPS:

1. Employing a gunnery technique.
2. Implementing a method of engagement
3. Using proper fire commands
4. Terminating the engagement

REFERENCES:

1. FM 3-22.27 Mk 19 40mm Grenade Machine Gun Mod 3
2. FM 3-22.65 Browning Machine Gun, Caliber .50 HB, M2
3. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
4. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A576 Cartridge, Caliber .50 4 API M8/1 AP	100
B542 Cartridge, 40mm HEDP M430/M430A1 Lin	64 rounds per crew

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations will be used as a precursor to live training in order to help maximize and enhance the live training event. 1. Gunners will fire one practice and one qualification. 2. Ammunition is either TP or HE DP and Ball or API-T (Only TP and Ball on Pop-up targets). 3. Gunners will utilize/validate a range card to engage targets. 4. Short range is 400 - 800m; long range is 800 - 1800m. 5. All steps can be performed in degraded gunnery (non-electric).

1833-GNRY-1012: Conduct Failure to Fire Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with weapons installed.

STANDARD: In sequence and in 5 minutes.

PERFORMANCE STEPS:

1. Perform Immediate Action on Mk 19
2. Perform Immediate Action on Mk 19 with a jammed bolt
3. Perform Immediate Action on the M2 machine gun

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery
3. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17721 Tank/Fighting Vehicle
Multipurpose Range Complex

CONDITION: As crew member, Given an AAV, all associated equipment, and crew.

STANDARD: To perform all 7 performance tasks.

PERFORMANCE STEPS:

1. Perform crew fire and evacuation drills
2. Perform crew roll over Drills
3. Send, Receive radio reports
4. Send, Receive digital reports
5. Evacuate an injured crewman
6. Boresight an AAV
7. Mount and Remove Turret Mounted Weapons

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
 2. ST 3-20.21-1 Individual and Crew Live-Fire Prerequisite Testing
 3. TM 10004A-10/1E Uppgunned Weapons Station, Assault Amphibious Vehicle
-

1833-GNRY-1015: Perform Preventive Maintenance Checks and Services (PMCS) on an M257 Smoke Grenade Launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To ensure equipment readiness.

PERFORMANCE STEPS:

1. Clear the launcher
2. Clean the launcher tubes
3. Inspect the launcher tubes
4. Record/report discrepancies to organizational maintenance

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 2. TM 10004A-10/1E Uppgunned Weapons Station, Assault Amphibious Vehicle
-

1833-GNRY-1016: Load/Unload M257 Smoke Grenade Launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To prepare the M257 Smoke Grenade Launcher for firing.

PERFORMANCE STEPS:

1. Turn the vehicle and turret power OFF
2. Turn the grenade launcher switches OFF
3. Insert the grenades into the M257
4. Rotate 90 degrees
5. Unload the M257 Smoke Grenade Launcher
6. Stow grenades

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
G826 Grenade, Launcher Smoke Infrared Scr	8 grenades per AAV

RANGE/TRAINING AREA: Facility Code 17430 Impact Area Dudded

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Don't place any part of body in front of launchers while loading or unloading.

1833-GNRY-1017: Evacuate an injured crewman

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

BILLETS: Crewman, Driver, Vehicle Commander

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV, associated equipment and crew.

STANDARD: In accordance with MCWP 3-12.2.

PERFORMANCE STEPS:

1. Establish security.

2. Report casualty to next highest echelon.
3. Provide required triage/casualty care.
4. Prepare casualty for transport to extraction point.
5. Evacuate an injured crewman.

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. ST 3-20.21-1 Individual and Crew Live-Fire Prerequisite Testing
3. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1833. See Appendix G for further detail.

1833-CMDC-1001: Communicate Using Visual Signals

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious Vehicle with crew and an operating area.

STANDARD: To control movement of the vehicle(s).

PERFORMANCE STEPS:

1. Employ day ground guiding signals
2. Employ night ground guiding signals
3. Employ day tactical hand and arm signals
4. Employ night tactical hand and arm signals

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Special equipment is required for night operations (i.e. cone lights, chemical light sticks, etc).

1833-CMDC-1002: Identify Signals

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given standard flags, lights and markers.

STANDARD: To assist in the control of Assault Amphibious Vehicle movement.

PERFORMANCE STEPS:

1. Recognize standard beach signals/markers
2. Recognize standard naval signals/markers
3. Recognize standard tactical signals/markers
4. Recognize standard logistical signals/markers

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-CMDC-1003: Conduct Internal/External Communications

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, radio net and reference.

STANDARD: To communicate with crew and other elements.

PERFORMANCE STEPS:

1. Prepare the communications equipment for operations
2. Operate the Combat Vehicle Crewman's (CVC) helmet
3. Operate the vehicle intercom system
4. Operate the audio frequency amplifier
5. Operate the receiver / transmitters
6. Operate the position location systems
7. Secure communication equipment from operation

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

2. TM 11-5820-1172-13 Operator and Maintenance Manual, Defense Advanced GPS Receiver (DAGR) Satellite Signals Navigation Set AN/PSN-13
3. TM 11-5820-890-10-6 Operator's Pocket Guide for SINCGARS Ground ICOM Radios

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-CMDC-1004: Conduct Operational Safety

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle.

STANDARD: To ensure the safety of crew and embarked personnel.

PERFORMANCE STEPS:

1. Ensure serviceability of recovery equipment
2. Ensure serviceability of waterborne equipment
3. Secure equipment/cargo items on vehicle
4. Enforce all safety regulations with embarked personnel
5. Verify that all dismounted personnel maintain minimum safe distance from vehicle

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-CMDC-1005: Participate in tactical formations and movement techniques

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: This is an 1833 skill that is applicable to all drivers and vehicle commanders.

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: As a driver on an AAV, given a vehicle commander and a supportable area.

STANDARD: To follow commands and maintain control and mutual support throughout the movement.

PERFORMANCE STEPS:

1. Participate in column formation
2. Participate vee formation
3. Participate in wedge formation
4. Participate in echelon left/right formation
5. Participate in successive bounds
6. Participate in unit on-line formation
7. Participate in bounding overwatch
8. Participate in traveling overwatch

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-VOPS-1001: Conduct Operational Checks

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew and Technical Manual.

STANDARD: To complete steps per the references and ensure the AAV is operationally ready.

PERFORMANCE STEPS:

1. Perform pre-operation checks.
2. Perform during operation checks.
3. Perform at-halt operation checks.
4. Perform after operation checks.

PERFORMANCE STEPS:

1. Follow the pre-operation checklist
2. Apply normal conditions starting procedures
3. Apply freezing conditions starting procedures

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1004: Start the Engine by Alternate Means

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle.

STANDARD: To start the engine.

PERFORMANCE STEPS:

1. Follow the pre-operation checklist
2. Follow slave start procedures
3. Follow tow start procedures

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1005: Drive the Assault Amphibious Vehicle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a crew and land operational area.

STANDARD: To negotiate various types of terrain.

PERFORMANCE STEPS:

1. Determine direction of movement
2. Determine locations of terrain, personnel, and other vehicles around AAV
3. Place vehicle in motion

4. Identify vehicle limitations
5. Negotiate obstacles
6. Stop vehicle
7. Stop the engine

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-VOPS-1006: Identify a System Malfunction

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle and the TM 09674A-10/3.

STANDARD: To resolve the probable cause.

PERFORMANCE STEPS:

1. Recognize a malfunction symptom
2. Follow the troubleshooting chart
3. Report all discrepancies to vehicle commander and/or maintenance personnel
4. Assist maintenance personnel in performance of corrective maintenance and services

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1007: Conduct Emergency Maintenance Procedures on Assault Amphibious Vehicle Subsystems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given malfunctioning contact cooler or hydraulic system.

STANDARD: To restore the vehicle to an operational status.

PERFORMANCE STEPS:

1. Follow the contact cooler bypass procedures
2. Follow emergency closing of the plenums procedures

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1008: Operate Smoke Generation System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle and operational area.

STANDARD: To obscure the vehicle.

PERFORMANCE STEPS:

1. Prepare the vehicle for smoke generation use
2. Operate the system
3. Shutdown the system

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-VOPS-1009: Conduct Land Tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle and required vehicles with crew and equipment.

STANDARD: To move the disabled AAV.

PERFORMANCE STEPS:

1. Prepare disabled vehicle for towing
2. Tow using tow bar
3. Tow using tow cables

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-VOPS-1010: Operate Driver's Vision Enhancer (DVE)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle in a low visibility environment.

STANDARD: To drive the AAV while maneuvering at night.

PERFORMANCE STEPS:

1. Conduct DVE pre-operation checks
2. Install driver's unit and commander's display assembly
3. Use driver's unit and commander's display assembly
4. Remove driver's unit and commander's display assembly
5. Maintain DVE

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 2. TM 8H667-13&P/1 Drivers Vision Enhancer
-

1833-VOPS-1011: Conduct Preventive Maintenance Checks and Services

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, collateral material and TM 09674A-10/3C.

STANDARD: To maintain vehicle readiness.

PERFORMANCE STEPS:

1. PMCS the vehicle exterior
2. PMCS the vehicle engine compartment
3. PMCS the vehicle driver and troop commander's station
4. PMCS the vehicle troop compartment
5. PMCS the vehicle while engine is running
6. PMCS and inventory the vehicle SL-3

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1012: Conduct Preventive Maintenance Checks and Services on Communications Equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, collateral equipment and reference.

STANDARD: To maintain equipment readiness.

PERFORMANCE STEPS:

1. Clean and inspect the amplifier
2. Clean and inspect the intercom system components
3. Clean and inspect the Frequency Selector Control
4. Clean and inspect the radios
5. Clean and inspect the radio mounts
6. Clean and inspect Combat Vehicle Crewman helmet

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1013: Install/Remove Special Mission Kits

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 36 months

DESCRIPTION: Assault Amphibious Vehicle Special Mission Kits include:
Enhanced Appliqué' Armor Kit, Litter Kit, Winterization Kit and Visor Kit.

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, collateral material and references.

STANDARD: To add to the capabilities of the vehicle.

PERFORMANCE STEPS:

1. Conduct inventory
2. Conduct PMCS
3. Install kit
4. Remove kit

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-1014: Hook up disabled vehicle for land tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Crewman, Driver, Vehicle Commander

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle with crew and required equipment.

STANDARD: So that the tow bar is attached, ready for tow of the disabled vehicle.

PERFORMANCE STEPS:

1. Lift tow bar.
2. Move tow bar to disabled vehicle.
3. Attach tow bar to disabled AAV.

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1833. See Appendix G for further detail.

1833-AMPH-1001: Conduct Pre-Water Operation Checks

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew and resources.

STANDARD: To prepare the vehicle and crew for water operations.

PERFORMANCE STEPS:

1. Perform pre-water operation checks
2. Complete vehicle manifest

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

1833-AMPH-1002: Embark/Debark amphibious shipping

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew and amphibious shipping.

STANDARD: To transfer personnel and equipment.

PERFORMANCE STEPS:

1. Perform embarkation procedures
2. Secure vehicle with lashing assembly.
3. Perform debarkation procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
4. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

EQUIPMENT: Amphibious shipping is required to accomplish this task.

1833-AMPH-1003: Operate the Assault Amphibious Vehicle in Water

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a crew and amphibious operations area.

STANDARD: To negotiate various bodies of water.

PERFORMANCE STEPS:

1. Ensure water tight integrity
2. Follow land to water procedures
3. Utilize bow plane
4. Employ water driving techniques
5. Follow water to land procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1833-AMPH-1004: Conduct Water Tow

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled AAV in the water, an operational Assault Amphibious Vehicle in the water, crews, and equipment.

STANDARD: To recover the disabled AAV and return it to ship or shore.

PERFORMANCE STEPS:

1. Prepare disabled vehicle for towing
2. Prepare towing vehicle for towing
3. Tow disabled vehicle

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1833-AMPH-1005: Assist Evacuation of Embarked Personnel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a distressed waterborne Assault Amphibious Vehicle with crew.

STANDARD: To prevent injury or loss of life while executing steps in sequence.

PERFORMANCE STEPS:

1. Follow driver emergency procedures afloat
2. Follow crewman emergency procedures afloat
3. Perform water survival techniques

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1833-AMPH-1006: Egress the AAV

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 4 months

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a rapidly sinking or submerged AAV.

STANDARD: to exit the AAV and reach the surface of the water.

PERFORMANCE STEPS:

1. Unfasten seatbelt
2. Unlock assigned hatch
3. Employ life support equipment as required
4. Exit vehicle
5. Gain access to surface

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: This task shall be trained using the Submerged Vehicle Egress Trainer (SVET). Egress drills can be conducted on AAV while parked at the ramp or during field exercises, but the training will not be satisfied by any means other than SVET.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Reserve training will take place at Initial Location for Mobilization (ILOC) or during two week annual training (AT).

1833-TAC-1001: Camouflage an Assault Amphibious Vehicle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, crew and camouflage system.

STANDARD: To avoid enemy observation.

PERFORMANCE STEPS:

1. Prepare camouflage system
2. Employ camouflage system
3. Stow camouflage system

REFERENCES:

1. TM 5-1080-200-10 Lightweight Camouflage Screen System and Support System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

7007. 2000-LEVEL EVENTS

1833-GNRY-2001: Set Inhibit Zone for the Upgunned Weapons Station

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle, inhibit zone aligning tool and reference.

STANDARD: To establish safe and effective fields of fire.

PERFORMANCE STEPS:

1. Prepare the UGWS for setting the inhibit zone
2. Establish the inhibit zone elevation
3. Establish Inhibit Zone 2 azimuths
4. Establish Inhibit Zone 1 azimuths
5. Reset inhibit points if applicable

REFERENCES:

1. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

EQUIPMENT: Inhibit Zone Aligning Tool

1833-GNRY-2002: Conduct Detailed Disassembly/Assembly

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an M2 Heavy-Barrel Machine Gun and reference.

STANDARD: To keep the weapon in operating condition.

PERFORMANCE STEPS:

1. Remove extractor
2. Remove bolt switch and stud
3. Remove cocking lever
4. Remove sear stop
5. Remove sear slide
6. Remove sear and spring
7. Remove firing pin extension and firing pin
8. Assemble bolt group

REFERENCES:

1. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery
-

1833-GNRY-2003: Inspect Headspace and Timing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

BILLETS: Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an M2, collateral equipment and reference.

STANDARD: To prepare weapon for firing.

PERFORMANCE STEPS:

1. Inspect headspace
2. Inspect timing

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 02498A-10/2 Operator's Manual, Machine Guns, Caliber .50; Browning, M2 Heavy Barrel

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: There is a time limit for this task within the MCWP 3-12.2 under the Gunnery Skills Test. The time limit covers multiple tasks that are grouped together in one station. The time limit will not show up in the standards for this task but can be found in the reference.

1833-GNRY-2004: Conduct Minor Boresight Upgunned Weapons Station

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 6 months

MOS PERFORMING: 1833

BILLETS: Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with crew, machineguns, boresight kit and reference.

STANDARD: To provide a true sight line adjustment, within 15 minutes.

PERFORMANCE STEPS:

1. Conduct boresight procedures for M36E
2. Conduct retention procedures

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task will be performed to standard as part the Table I.

1833-GNRY-2005: Develop a Range Card

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle in a defensive position.

STANDARD: To engage targets with the Uppgunned Weapons Station.

PERFORMANCE STEPS:

1. Identify Main Terrain Features
2. Identify Target Reference Point
3. Identify Vehicle Location
4. Identify Sectors of Fire
5. Identify PDF and FPL
6. Identify Dead Space
7. Identify Listening/Observation Point position
8. Identify Obstacles

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Uppgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulations may be used as a precursor to live training in order to help maximize and enhance the live training event.

1833-GNRY-2006: Create Fire Plan Sketch

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a defensive position.

STANDARD: To provide overlapping fires and mutual support.

PERFORMANCE STEPS:

1. Combine Vehicle Range Cards
2. Illustrate Vehicles and Firing Data
3. Illustrate dead space
4. Illustrate terrain
5. Annotate orientation data

REFERENCES:

1. MCWP 3-11.1 Marine Rifle Company/Platoon

PERFORMANCE STEPS:

1. Install pintle mount
2. Secure machine gun mount on pintle
3. Install machine gun on machine gun mount
4. Remove machine gun from machine gun mount
5. Remove machine gun mount from pintle
6. Remove pintle mount

REFERENCES:

1. TM 07268B-10/1D Assault Amphibious Vehicle, Command, Model 7A1 (AAVC7A1) Supplement to TM 09674A-10/3
2. TM 08670A/09712A-10/1B Operator's Manual for Machinegun, 7.62mm, M240

1833-GNRY-2009: Engage a Target with M240

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle C7.

STANDARD: To suppress the target.

PERFORMANCE STEPS:

1. Prepare weapon for firing
2. Load the M240
3. Set estimated range
4. Aim in on target
5. Execute fire commands
6. Change barrel
7. Troubleshoot M240

REFERENCES:

1. MCWP 3-15.1 Machine Guns and Machine Gun Gunnery
2. TM 08670A/09712A-10/1B Operator's Manual for Machinegun, 7.62mm, M240

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
A131 Cartridge, 7.62mm 4 Ball M80/1 Trace	300

RANGE/TRAINING AREA:

Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex

1833-GNRY-2010: Perform the Engagement Process

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: to destroy or neutralize the threat.

PERFORMANCE STEPS:

1. Detect a threat
2. Identify a threat
3. Decide on a course of action
4. Execute engagement
5. Assess target effects

REFERENCES:

1. MCWP 3-12.2 Heavy Brigade Combat Team (HBCT) Gunnery
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This task will be executed using simulation. 2. This Task will be performed to standard during Gunnery Tables.

1833-GNRY-2011: Fire the M257 Smoke Grenade Launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Vehicle Crewman

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: In order to provide obscuration.

PERFORMANCE STEPS:

1. Assess the situation
2. Orient the turret/vehicle in the direction where the smoke is needed
3. Announce "grenade launcher"
4. The crew secures all hatches
5. Arm Smoke Grenade launcher switch
6. Announce "fire"
7. Fire the grenade launcher(s)
8. Safe weapon

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

ORDNANCE:

<u>DODIC</u>	<u>Quantity</u>
GG24 Grenade, Launcher Smoke Infrared Scr	8 grenades per AAV

RANGE/TRAINING AREA: Facility Code 17430 Impact Area Dudded

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Simulation will be used as a precursor to live training in order to help maximize and enhance the live training event.

1833-GNRY-2012: Perform immediate action procedures for an M257 smoke grenade launcher

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Vehicle Crewman

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV.

STANDARD: To correct failure to fire.

PERFORMANCE STEPS:

1. Wait 10-20 seconds for second attempt to fire
2. Wait 10-20 seconds for second attempt to fire
3. Check smoke grenades are firmly seated in discharge tube
4. Attempt to fire
5. Disposal of misfired smoke grenades
6. Any misfired grenade must remain in discharge tube for at least 4 Minutes

REFERENCES:

1. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17430 Impact Area Dudded

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Only qualified ordnance personnel can remove misfired smoke grenades

1833-CMDC-2001: Control Radio Communications

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibian unit, and Communications Electronics Operating Instruction.

STANDARD: To enforce voice radio procedures.

PERFORMANCE STEPS:

1. Verify that all elements have the data and COMSEC
2. Update Frequency Hopping data using electronic remote fill (ERF)
3. Enforce standard radio procedures
4. Assign local unit call signs and frequencies
5. Enforce radio silence
6. Determine the presence of electronic countermeasures (ECM)

REFERENCES:

1. MCRP 3-11.1A Commander's Tactical Handbook
 2. MCRP 6-22C RADIO OPERATOR'S HANDBOOK
 3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
-

1833-CMDC-2002: Respond to Signals

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given standard flags, lights, pyrotechnics and markers.

STANDARD: To control Assault Amphibious Vehicle movement.

PERFORMANCE STEPS:

1. Respond to standard beach signals/markers

2. Respond to standard naval signals/markers
3. Respond to standard tactical signals/markers
4. Respond to standard logistical signals/markers

REFERENCES:

1. COMDTINST M16500.7A Aids to Navigation Manual-Administration
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1833-CMDC-2003: Conduct Operational Safety

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 6 months

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle.

STANDARD: To ensure the safety of crew and embarked personnel.

PERFORMANCE STEPS:

1. Conduct mission analysis and assess the situation
2. Develop safety plans
3. Implement safety plans
4. Supervise implementation of safety plans

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
 2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
 4. TM 10004A-10/1E Upgunned Weapons Station, Assault Amphibious Vehicle
-

1833-CMDC-2004: Operate Command Communication System

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle C7 variant.

STANDARD: To ensure that the system is ready for the using unit.

PERFORMANCE STEPS:

1. Account for system components
2. Power-up system
3. Operate TOCNET
4. Secure system after operation

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 2. TM 08463A-10 Command Communications System, Assault Amphibious Vehicle, Command, Model 7A1 (AAVC7A1)
-

1833-CMDC-2005: Assist in the Development of Intelligence Preparation of the Battlefield Products

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an operation order and an area of operations.

STANDARD: To evaluate enemy capabilities, vulnerabilities and probable courses of action.

PERFORMANCE STEPS:

1. Assist with defining the battlefield environment
2. Assist with describing the Battlefield Effects.
3. Assist in evaluating the threat
4. Assist in determining threat Course of Action
5. Advise the AA Platoon Commander on AAV employment considerations based on IPB products

REFERENCES:

1. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

1833-CMDC-2006: Issue a Frag Order

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an operation order and commander's intent.

STANDARD: To provide additional direction and guidance to subordinate unit leaders and crews.

PERFORMANCE STEPS:

1. Determine areas from the HHQ order that apply
2. Update situation and provide additional information
3. Communicate the order
4. Supervise preparation and execution

REFERENCES:

1. MCRP 3-13.1A The Mechanized Infantry Platoon and Squad (APC)
 2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
 3. MCWP 5-1 Marine Corps Planning Process (MCP)
-

1833-CMDC-2007: Submit Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given report formats and a situation requiring tactical or administrative information.

STANDARD: To inform higher headquarters.

PERFORMANCE STEPS:

1. Determine type of report (administrative, logistical, operational, and amphibious)
2. Generate report
3. Forward report

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations

2. MCRP 3-11.1A Commander's Tactical Handbook
 3. MCRP 3-13.1A The Mechanized Infantry Platoon and Squad (APC)
 4. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
-

1833-CMDC-2008: Advise Infantry on Assault Amphibious Vehicle Employment

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mechanized infantry mission.

STANDARD: To inform the supported unit leader about/within the vehicle's/unit's capabilities, and assist with planning by providing subject matter expertise.

PERFORMANCE STEPS:

1. Brief the vehicle limitations/capabilities
2. Brief the vehicle defense employment
3. Brief the weapons tactical employment
4. Brief C7 capabilities/limitations
5. Brief the logistical requirements
6. Brief the vehicle safety guidelines

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
 2. MCRP 3-13.1A The Mechanized Infantry Platoon and Squad (APC)
 3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
-

1833-VOPS-2001: Maintain Logbook

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Commander

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an ordnance vehicle logbook.

STANDARD: To document operational history of vehicle.

PERFORMANCE STEPS:

1. Inventory logbook
2. Make daily entries
3. Make monthly entries

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits) of Vehicles (With Special Mission Kits)

1833-VOPS-2002: Inspect Operational Checks

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle or unit with crew(s) and resources.

STANDARD: To identify and correct discrepancies and report to organizational maintenance.

PERFORMANCE STEPS:

1. Supervise and verify completion of pre-operation checklist
2. Supervise and verify completion of during operation checklist
3. Supervise and verify completion of at-halt operation checklist
4. Supervise and verify completion of after operation checklist
5. Supervise and verify completion of pre-water operation checklist
6. Verify completion of vehicle logbook

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

1833-VOPS-2003: Inspect Preventive Maintenance Checks and Services

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle and collateral material.

STANDARD: To ensure PMCS is conducted in accordance with the references to maintain vehicle readiness.

PERFORMANCE STEPS:

1. Supervise/verify PMCS of the vehicle components are completed
2. Supervise/verify PMCS of the Upgunned Weapons Station is completed
3. Supervise/verify PMCS of the communication equipment is completed
4. Supervise/verify PMCS of the special mission kits are completed
5. Supervise/verify lubrication is completed

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-2004: Inspect Emergency Maintenance Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibious Vehicle with leaking contact cooler or hydraulic system.

STANDARD: To restore the vehicle to an operational status.

PERFORMANCE STEPS:

1. Verify contact cooler is bypassed
2. Verify plenums are manually closed and locked

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
-

1833-VOPS-2005: Conduct Recovery Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a disabled Assault Amphibious Vehicle and additional AAVP7s or an AAVR7 with crews and equipment.

STANDARD: To recover the disabled AAV and position it for repair or towing.

PERFORMANCE STEPS:

1. Identify tactical/non-tactical conditions
2. Identify types of assets required
3. Prepare disabled vehicle and assets
4. Execute recovery procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17411 Maneuver/Training Area, Amphibious Forces
Facility Code 17420 Maneuver/Training Area, Heavy Forces

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Use of an AAVR7 for recovery operations is optional.

1833-VOPS-2006: Supervise Demolition of AAV

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition material and an order to destroy an AAV.

STANDARD: To prevent enemy use of the AAV and/or its critical components.

PERFORMANCE STEPS:

1. Determine the criteria to conduct demolition
2. Remove salvageable items
3. Zeroize communications equipment
4. Determine methods of destruction available
5. Determine the items to be destroyed
6. Destroy equipment or vehicle

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations

2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
3. TM 10004A-10/1D Upgunned Weapons Station, Assault Amphibious Vehicle

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Recovery operations include all types of environments, land and water.

1833-CBTS-2001: Conduct Preventive Maintenance Checks and Services on Mk 154 Launcher Mine Clearance System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given collateral equipment and reference.

STANDARD: To keep equipment in operating condition.

PERFORMANCE STEPS:

1. Perform before operation PMCS
2. Perform during operation PMCS
3. Perform after operation PMCS
4. Perform scheduled maintenance PMCS
5. Lubricate LMC components

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV Crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2002: Install Mk 154 Launcher Mine Clearance System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious Vehicle, 5-ton-capable lifting source, collateral equipment and reference.

STANDARD: To prepare the Mk 1 Mod 0 for deployment.

PERFORMANCE STEPS:

1. Adhere to safety precautions
2. Gather tools and equipment
3. Follow installation procedures
4. Bleed hydraulic system
5. Conduct operational test

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2003: Load Ordnance Material

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Mk 1 Mod 0 Mine Clearance System, 5-ton-capable lifting source, collateral equipment and reference.

STANDARD: To prepare system for deployment.

PERFORMANCE STEPS:

1. Adhere to safety precautions
2. Follow pre-deployment checks
3. Follow rocket motor loading procedures
4. Follow line charge fusing procedures

5. Follow line charge loading procedures
6. Connect rocket bridle cables
7. Follow electrical connection of the line charge
8. Perform rocket thrust positive connection

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2004: Deploy Mk 1 Mod 0 Mine Clearance System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAVP7 with Mk 154 kit installed, ordnance, an obstacle, and required engineer support.

STANDARD: To launch and detonate ordnance in support of a breach.

PERFORMANCE STEPS:

1. Adhere to safety precautions
2. Operate electrically
3. Operate manually
4. Follow ordnance malfunction procedures

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC

Quantity

J143 Rocket Motor, 5-inch MK22 Mod 4	3 rockets per AAV
ML25 Charge, Demolition Linear M59A1	3 charges per AAV
ML26 Charge, Demolition Inert Linear M69	3 charges per AAV

RANGE/TRAINING AREA: Facility Code 17820 Engineer Qualification Range, Non-Standardized

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Inert charges may be used to substitute live charges to satisfy training requirement. Performed by AAV crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2005: Unload Ordnance

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Mk 1 Mod 0 Mine Clearance System, 5-ton-capable lifting source, collateral equipment and reference.

STANDARD: To clear the vehicle of munitions.

PERFORMANCE STEPS:

1. Adhere to safety precautions
2. Follow disarming line charges procedures
3. Follow unloading rocket procedures
4. Follow off-loading line charge container procedures
5. Follow line charge defusing procedures

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2006: Remove Mk 154 Launcher Mine Clearance System

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Crewman

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Mk 1 Mod 0 Mine Clearance System, 5-ton-capable lifting source, collateral equipment and reference.

STANDARD: To return Assault Amphibious Vehicle to original configuration.

PERFORMANCE STEPS:

1. Adhere to safety precautions
2. Gather tools and equipment
3. Follow removal procedures

REFERENCES:

1. TM 09962A-10/1 Operating Instruction Charts MARK 1 MOD 0 Mine Clearance System
2. TM 09962A-13&P/2B System Manual MARK 1 MOD 0 Mine Clearance System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV crewman when assigned to MK154.

SPECIAL PERSONNEL CERTS: Mark 1 Mod 0 Mine Clearance System Operator's License.

1833-CBTS-2007: Advise Breach Force Commander

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an AAV Mobility/Counter-Mobility unit, required supported and supporting elements of a breach force, and an obstacle.

STANDARD: To ensure Mk 1 Mod 0 Mine Clearance System is deployed and the AAV MCM unit is employed.

PERFORMANCE STEPS:

1. Advise on logistics requirements
2. Determine breach type
3. Follow lane markers
4. Provide recommendations on MCM AAV unit employment

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. FM 5-170 Engineer Reconnaissance
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Performed by AAV crewman when assigned to MK154.

1833-COND-2001: March with a fighting load

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT,

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an individual weapon, a fighting load, and as part of a unit movement.

STANDARD: To complete a 15-kilometer march within four hours.

PERFORMANCE STEPS:

1. Assemble the load for the march.
2. Don the load for the march.
3. Complete a 15-kilometer march.

REFERENCES:

1. MCRP 3-02A Marine Physical Readiness Training for Combat

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This event is a MOS Specific Physical Standard required for the MOS of 1833. Prior to executing this event, Marines will conduct a 5K and 10K march with the fighting load. Individual field equipment weight is not to exceed 55 pounds.

1833-CSS-2001: Track Administrative Maintenance Processes

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Vehicle Commander

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibious Vehicle, identified discrepancy and reference.

STANDARD: To ensure maintenance action items are recorded for repair.

PERFORMANCE STEPS:

1. Report discrepancy
2. Complete equipment service requests.
3. Verify discrepancy is documented on MPR

REFERENCES:

1. TM 4700-15/1_ Ground Equipment Record Procedures
 2. UM 4700.5 MIMMS Field Procedures Manual
-

1833-CSS-2002: Monitor Maintenance Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibian unit.

STANDARD: To ensure all entries are current and correct.

PERFORMANCE STEPS:

1. Verify discrepancies
2. Verify job status
3. Verify parts status
4. Report readiness

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
 2. TM 4700-15/1_ Ground Equipment Record Procedures
-

1833-CSS-2003: Conduct Vehicle Inspection

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Assault Amphibian unit.

STANDARD: To ensure accountability, serviceability, and operational readiness of unit equipment.

PERFORMANCE STEPS:

1. Inspect SL-3
2. Inspect AAV and systems
3. Inspect logbook
4. Inspect the weapon(s)
5. Inspect the communication system
6. Verify that all discrepancies are properly reported and reconciled in GCSS

REFERENCES:

1. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)
2. TM 4700-15/1_ Ground Equipment Record Procedures
3. UM 4700.5 MIMMS Field Procedures Manual

1833-AMPH-2001: Evacuate Embarked Personnel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader, Vehicle Commander

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given distressed waterborne Assault Amphibious Vehicle with crew.

STANDARD: To prevent injury or loss of life while executing steps in sequence.

PERFORMANCE STEPS:

1. Initiate emergency procedures afloat
2. Supervise driver emergency procedures afloat
3. Supervise crewman emergency procedures afloat

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations

2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17411 Maneuver/Training Area,
Amphibious Forces

1833-AMPH-2002: Prepare AAV Unit for Amphibious Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 1833

BILLETS: Platoon Sergeant, Section Leader

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibian unit, amphibious mission and reference.

STANDARD: To determine go/no go criteria for Assault Amphibious Vehicle amphibious operations.

PERFORMANCE STEPS:

1. Conduct operations planning
2. Coordinate and deconflict operations area
3. Compile surf composition data
4. Complete Surf Observation Report
5. Complete Modified Surf Index
6. Submit reports
7. Supervise completion of pre-water operations checklists
8. Conduct splash team procedures

REFERENCES:

1. AASBn Order 3000.1 Common SOP for AAV Operations
2. COMNAVSURFLANTINST 3840.1B Joint Surf Manual
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17908 Amphibious Vehicle Training Area

1833-TAC-2001: Conduct Operations in Special Terrain

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Platoon Sergeant, Section Leader

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given Assault Amphibian unit, area of operations, and higher's operation order.

STANDARD: To exploit vehicle capabilities within environmental limitations.

PERFORMANCE STEPS:

1. Operate in jungle environment
2. Conduct riverine operations
3. Execute a river crossing
4. Operate in urban terrain
5. Operate in desert environment
6. Operate in mountainous terrain
7. Operate in cold weather

REFERENCES:

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
2. TM 09674A-10/3D Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17420 Maneuver/Training Area, Heavy Forces

APPENDIX G

MOS-SPECIFIC PHYSICAL STANDARDS

1. Purpose. This appendix identifies MOS-specific physical standards and describes the execution of assessments designed to evaluate a Marine's physical capabilities, in order to provide Commanders reasonable assurance a Marine has the physical capacity to perform the regularly assigned and recurrent duties of the MOS.

2. Evaluation. Marines must either 'pass' or 'fail' event or performance step assessments to the standards set forth within this manual.

3. Requirements. The following events are to be performed to the standard contained in this appendix during entry level training in order to receive initial MOS qualification.

a. For the 1803 MOS:

1803-VOPS-1007, Performance Step 1, Lift tow bar
1803-GNRY-1006, Performance Step 1, Install Mk19
1803-GNRY-1021, Performance Step 5, Evacuate an injured crewman
0300-MED-1001, Performance Step 1, Ensure that you and the
casualty are no longer under direct enemy fire
(See NAVMC 3500.44B Infantry T&R Manual)

b. For the 1833 MOS:

1833-VOPS-1014, Performance Step 1, Lift tow bar.
1833-GNRY-1005, Performance Step 1, Install Mk19.
1833-GNRY-1017, Performance Step 5, Evacuate an injured crewman.
0300-MED-1001, Performance Step 1, Ensure that you and the
casualty are no longer under direct enemy fire.
(See NAVMC 3500.44B Infantry T&R Manual)

4. Evaluation sequencing. The MOS-specific physical standards events are not intended to be conducted in a single, continuous session. However, if the Commander schedules these events to occur in sequence within a 24-hour period, adequate transition between events should permit Marines the opportunity to recover, stretch, hydrate, and prepare for the next event. Total rest permitted between events is determined at the Commander's discretion.

5. Uniform and Equipment

a. Fighting Load. See NAVMC 3500.44_ (Infantry T&R Manual) Appendix F for the Fighting Load gear list. The Utility uniform may be substituted with the Combat Vehicle Crewman (CVC) uniform. This load will be worn/carried by MOSs listed within paragraph 3.a. when executing the following events:

1803-GNRY-1006, Performance step 1, Install Mk19
1833-GNRY-1005, Performance step 1, Install Mk19
0300-MED-1001, Performance step 1, Ensure that you and the

casualty are no longer under direct enemy fire (See NAVMC 3500.44B Infantry T&R Manual)

Additionally, each Marine will carry their assigned personal weapon and appropriate SL-3, combat assault sling, PEQ-15, RCO, and weapons cleaning gear.

b. CVC Uniform. The CVC uniform will be worn by MOSs listed within paragraph 3. when executing the following events:

1803-VOPS-1007, Performance Step 1, Lift tow bar
1803-GNRY-1021, Performance Step 5, Evacuate an injured crewman
1833-VOPS-1014, Performance Step 1, Lift tow bar
1833-GNRY-1017, Performance Step 5, Evacuate an injured crewman

c. Substituting Equipment. Marines may substitute surrogate items to replicate the weight of unavailable equipment. The total weight of the equipment carried will be within 10% of the total prescribed pack weight.

6. Events Assessed. The following paragraphs outline the expected conduct of assessments, in support of a factor of either MOS assignment or sustainment.

a. 1803-VOPS-1007 and 1833-VOPS-1014, Performance Step 1, Lift tow bar.

(1) Description. The functional movement for this assessment is similar to a deadlift. The deadlift will be a single repetition lift and hold of an Olympic bar with a total weight of 150 lbs.

(2) Environment. This assessment may be conducted either indoors or outdoors, on a generally level and firm surface.

(3) Standard. Deadlift and hold an Olympic bar with a total weight of 150 lbs. at knuckle height for 30 seconds, and then lower to the deck.

(4) Required Equipment. One Olympic lifting bar with a total of 150 lbs. of weight.

(5) Execution

(a) The Marine will begin with feet shoulder width apart or under the hips. The bar should be above the bootlaces at the start and shoulders slightly forward of the bar. Either the overhand, underhand, or alternating grip may be used.

(b) The preparatory command is "Ready" and the execute command is "Begin." On the command "Begin," the Marine will execute a deadlift. When executing the deadlift, keep your chest high and maintain the curve in the lower back. While keeping the arms straight during the lift, keep the weight on the heels and extend the knees first, then hips at the top of the lift. The lift is completed when the hips are extended, knees are straight and shoulders behind the bar.

(c) Marines are encouraged to 'use-their-legs,' in order to lift the Olympic bar, and to avoid 'lifting-with-their-back.'

(d) Once the deadlift position has been achieved, and the Olympic bar has been lifted to knuckle height, the Marine will maintain that position for 30 seconds. After 30 seconds, the Olympic bar will be lowered to the deck in a fluid, controlled motion while maintaining the curve in the lower back while doing so.

b. 1803-GNRY-1021 and 1833-GNRY-1017, Performance Step 5, Evacuate an injured crewman.

(1) Description. The functional movement for this assessment is similar to a clean-and-press. The clean-and-press will be a single repetition lift of an Olympic bar with a total weight of 115 lbs.

(2) Environment. This assessment may be conducted either indoors or outdoors, on a generally level and firm surface.

(3) Standard. Clean and press an Olympic bar with a total weight of 115 lbs., and then lower to the deck.

(4) Required Equipment. One Olympic lifting bar with a total of 115 lbs. of weight.

(5) Execution

(a) The Marine will begin with feet shoulder width apart or under the hips. The bar should be above the bootlaces at the start. Only the overhand grip can be used in this lift.

(b) The preparatory command is "Ready" and the execute command is "Begin." On the command "Begin," the Marine will execute a clean and press. While the clean-and-press occurs in a fluid motion, the first move of the lift is the clean. The clean begins by lifting the bar with arms locked, and the bar close to the body. The cleaning motion ends when the shoulders are fully shrugged and the hips, knees, and ankles are extended. At this point, drop underneath the bar to catch the weight at shoulder level. The next motion of the lift is the press. Dip by slightly breaking at the hips and knees, and then drive upward with the hips and shoulders until the arms are locked out and the upper arm is next to the ear.

(c) Marines are encouraged to 'use-their-legs,' in order to lift the Olympic bar, and to avoid 'lifting-with-their-back.' However, no penalty will be assessed if Marine chooses not to use their legs.

(d) Once elbow lockout has occurred, the Olympic bar will be lowered in a fluid, controlled motion from shoulder-height, then to the deck, and neither thrown nor dropped. While lowering the bar to the deck, Marines must maintain a supportive curvature of the spine, and bend their knees.

c. 1803-GNRY-1006 and 1833-GNRY-1005, Performance step 1, Install Mk19.

(1) Description. The functional movement for this assessment is similar to a clean-and-press.

(2) Environment. This assessment may be conducted either indoors or outdoors, on a generally level and firm surface.

(3) Standard. Perform a single lift of a mock-up MK19 from ground to overhead, wherein the elbows are momentarily locked out.

(4) Required Equipment. One (1) Mock-up Mk19 Machine Gun. Local commanders have the discretion to use a training aid of similar dimensions, to include actual item, in place of a mock up MK-19 should the mock up not be available.

(5) Execution

(a) The Marine will stand either erect or crouched-down with both feet flat-to-the-ground. Distance between the Marine's feet should be shoulder-width apart. The Marine may choose to stand either erect or crouched with feet staggered in a variation of the basic-warrior stance. The mock-up will be at rest, at the ground level, directly in front of and reasonably close to the Marine's toes. The Marine with either an overhand or an underhand grip may grasp the mock-up's barrel, while the other hand grasps the trigger assembly with a neutral grip.

(b) The preparatory command is "Ready" and the execute command is "Begin." On the command "Begin," the Marine will lift the mock-up from the ground, to a point overhead, wherein the elbows are momentarily locked-out. It is not a requirement the mock-up be lifted directly overhead.

(c) Marines are encouraged to 'use-their-legs,' in order to generate the mock-up's upward momentum. However, no penalty will be assessed if Marines choose not to use their legs.

(d) Once elbow lockout has occurred, the mock-up will be lowered in a fluid, controlled motion from shoulder-height, then to the deck, and neither thrown nor dropped. While lowering the mock-up to the deck, Marines must maintain a supportive curvature of the spine, and bend their knees.

d. 0300-MED-1001, Performance Step 1, Ensure that you and the casualty are no longer under direct enemy fire.

(1) Description. This is a 50-meter movement, simulating moving from a covered and concealed position, to a casualty's position, and dragging that casualty out of direct fire to a safe position.

(2) Refer to NAVMC 3500.44B Infantry T&R manual Appendix F for follow on instruction in the conduct of the Casualty Drag.

7. Performance. Marines must complete the minimum performance requirements in each event to demonstrate that they have the physical capability to perform in the particular assault amphibian MOS.