



UNITED STATES MARINE CORPS  
MARINE CORPS RECRUIT DEPOT/EASTERN RECRUITING REGION  
PO BOX 19001  
PARRIS ISLAND, SOUTH CAROLINA 29905-9001

DepO 1513.8C  
G-3

10 FEB 2023

DEPOT ORDER 1513.8C

From: Commanding General  
To: Distribution List

Subj: CRUCIBLE ORDER

Ref: (a) SECNAVINST 5210.8D Department of the Navy Records Management Program  
(b) MCO 1500.56 Marine Corps Values Program  
(c) MCO 1510.32F Recruit Training  
(d) MCO 3500.27C w/Erratum Operational Risk Management  
(e) MCO 3570.1C Range Safety  
(f) DepO 1510.29D Martial Arts Training Order  
(g) DepO 1513.6G W/CH6 Recruit Training Order  
(h) DepO 3440.5K Cold Weather Protective Measures  
(i) DepO 6200.2S Heat Injury Prevention Program  
(j) FMFMRP 0-1B Marine Physical Readiness Training for Combat  
(k) Beginning the Transformation  
(l) Field Manual 21-18 Foot Marches  
(m) NAVMC 3500.18D, Marine Corps Common Skills (Vol.1) Training and Readiness Manual

Encl: (1) Crucible Order  
(2) Crucible Operational Risk Management (ORM) Worksheets  
(3) Crucible Engagement Safety Officer Checklist  
(4) Pugil Stick/Body Sparring Verbal Medical Screening  
(5) Crucible Objectives Safety Checklists  
(6) Pre-Crucible Medical Screening Questionnaire  
(7) Pre-Crucible Medical Screening Letter  
(8) Crucible Smart Pack

1. Situation. The purpose of this Order is to provide policies, regulations, and procedures governing the conduct of the Crucible. This Order reflects major policy, procedural, and methodological changes for the conduct of the Crucible at Marine Corps Recruit Depot Parris Island (MCRDPI) and will be reviewed in its entirety. This Order is published to comply with reference (c).

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

2. Cancellation. Depot Order 1513.8B.

3. Mission. MCRDPI conducts a field training event in the vicinity of Page Field at the end of Recruit Training to evaluate each recruit's mental, moral, and physical development in order to validate their transformation into United States Marines.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. The Crucible is a 54-hour field training evaluation consisting of an initial 12km foot march, 24 objectives, two night objectives and a final 15km foot march. The evaluation consists of a series of physical, mental, and moral challenges conducted in an environment of adversity, friction, and hardship. The Crucible is designed to emphasize teamwork, and adherence to our core values, leadership traits, and leadership principles under arduous and stressful conditions. It is during the Crucible that the recruit demonstrates that he or she has embraced our core values of honor, courage, and commitment and the essence of our warrior ethos. It is the defining moment of Recruit Training. It is also an event that the recruit can fail and ultimately be discharged for failure to demonstrate the character and warrior ethos we expect of Marines. The end state is a basic Marine who has embraced our core values and is transformed by our Corps' shared legacy.

(2) Concept of Operations. The Crucible culminates the Values Based Training (VBT) received by recruits at Recruit Training. VBT in Recruit Training is constructed into four phases. The foundation phase begins the building of mind, body and spirit. Recruits are introduced to values and how values are developed. The reinforcement phase is focused on the application of our core values, leadership traits and principles, moral and ethical decision making, as well as the development of basic warrior skills. While evaluation of recruits is continuous throughout training, it is during the evaluation phase in Week 10 that will ultimately determine the worthiness of the recruit to become a Marine. The Crucible is the method by which we conduct this evaluation. The final phase is the transition phase where recruits accept the challenge and responsibility of being a Marine and begin demonstrating initiative, judgment and good decision making while preparing for graduation and follow-on training at the School of Infantry.

b. Tasks

(1) Assistant Chief of Staff (AC/S) Operations and Training (G-3)

(a) Coordinate any changes to the Crucible with MCRD San Diego (MCRDSD).

(b) On behalf of the Commanding General, approve or disapprove and coordinate all Crucible schedule changes.

(c) Maintain the historical record of the Crucible after action reports (AAR) in accordance with reference (a).

(d) Coordinate an annual review of this Order.

(2) AC/S Installations and Logistics (G-4)

(a) Coordinate logistics support and services.

(b) Exercise staff cognizance over ordnance, maintenance support, billeting, facilities maintenance, motor transport, emergency services, fire and emergency medical services, and environmental compliance.

(c) Plan for the annual replacement of ten percent of all the materials associated with the physical structure of the Crucible and Crucible objectives.

(3) AC/S Communications and Information Systems (G-6).  
Provide communications services.

(4) Depot Safety Office

(a) Conduct semi-annual safety inspections of all Crucible objectives and obstacles.

(b) Maintain the historical record of the safety inspections in accordance with reference (a).

(5) Commanding Officer, Recruit Training Regiment (RTR) (Supported Commander)

(a) Conduct training in accordance with this Order.

(b) Coordinate with the Commanding Officers, Weapons and Field Training Battalion (WFTBN), Headquarters and Services

Battalion (HQSVCBN), and Branch Health Medical Clinic (BHMC) for the support of training.

(c) Ensure Recruit Training Company Commanders complete an ORM worksheet and provide the Crucible Engagement Safety Officer Brief to all company officers prior to the Crucible Confirmation Brief.

(d) Ensure the drill instructor (DI) to recruit ratio, per team, is no greater than 1 to 16. If the 1 to 16 ratio is not feasible, the RTR commander has the authority waive this requirement upon request to a maximum of 1 to 20 ratio.

(e) Conduct a confirmation brief prior to the start of the Crucible that covers at a minimum: supervision requirements and responsibilities, sequence of events, bump plans, team leader augmentation plans, and expected weather conditions.

(f) Ensure that all RTR personnel involved in the Crucible are trained in its execution.

(g) Ensure AARs are collected after each Crucible from the training company in order to make improvements and correct procedural errors.

(6) Commanding Officer, WFTBN (Supporting Commander)

(a) Establish Range Control and Crucible Operations Center (COC) in order to facilitate and provide administrative command and control of the exercise.

(b) Ensure all WFTBN personnel involved in the Crucible are trained in its execution.

(c) Ensure all other personnel supporting the Crucible receive familiarization training on the Crucible objectives.

(d) Ensure that all field, firing, and weapons handling skills are executed correctly and safely in order to maximize the overall effect and safe conduct of the Crucible.

(e) Ensure that the training areas and obstacles associated with the Crucible are inspected weekly for maintenance and safety and are repaired as required.

(f) Submit work requests for repair of unserviceable or unsafe obstacles to the G-4 and provide a courtesy copy to Depot Force Preservation Office.

(g) Ensure all water bulls are filled with water and positioned under shade on Page Field prior to execution of the Crucible.

(h) Establish, maintain, and operate warming huts at Page Field during cold weather conditions. Arm immersion coolers shall be filled during forecasted weather above 80 degrees Fahrenheit and maintained by the training company.

(i) Maintain the Page Field South East Asia (SEA) huts to ensure serviceability.

(7) Commanding Officer, BHMC (Supporting Commander)

(a) Conduct medical screenings for all recruits prior the execution of the Crucible, as required by the Commanding Officer, RTR.

(b) Provide medical support to the Crucible as required by the Commanding Officers of RTR and WFTBN.

(c) Provide a medical representative at each Crucible confirmation brief.

(d) Provide preventive medicine surveillance and testing of all water sources in support of the Crucible on a weekly basis. Report contamination to Field Training Company (FTC), WFTBN in order for the source to be closed from access or replaced.

c. Coordinating Instructions

(1) Recommendations concerning the contents of this Order are encouraged. Such recommendations should be forwarded to the Commanding General, (ATTN: G-3), via the appropriate chain of command.

(2) The term "Commanding Officers" as used in this Order refers to the Commanding Officers of RTR, WFTBN, and BHMC.

(3) Direct liaison is authorized using established command channels between Depot staff exercising functional cognizance and supported/supporting commands' staff.

(4) Commander to Commander Communication on significant/priority issues is encouraged.

## 5. Administration and Logistics

a. Administration. Access to an online medium will suffice for directives that can be obtained from the shared drive or internet.

(1) Confirmation Brief. The battalion commanders of each recruit training battalion are responsible for holding a Crucible Confirmation Brief prior to the conduct of every Crucible.

(2) Debriefs. A debrief will be conducted at the conclusion of each Crucible objective. Crucible team leaders (CTL) and applicable FTC personnel will discuss the objectives and compile information for inclusion in the Crucible AAR.

(3) AAR. The recruit training company will prepare a Crucible AAR, which will be included in the End of Cycle comprehensive AAR. The AAR will be in the topic, discussion, recommendation format IOT make improvements and correct procedural errors. These reports will be maintained for historical reference by the G-3.

### b. Logistics

(1) Warriors' Breakfast. The Warriors' Breakfast will follow the completion of the Crucible. It is an opportunity for all hands to replenish nutrition and build esprit de corps and camaraderie.

(a) At the completion of the Eagle, Globe, and Anchor Ceremony, training companies will immediately move to their respective chow halls, stage equipment, and enter for the breakfast.

(b) The recruit training company commanders will ensure security is in place to guard weapons and gear while teams are at the Warriors' Breakfast. Post-Crucible Marines will not be used as gear watch.

(c) Post-Crucible Marines will conduct a platoon administrative movement to the mess hall.

(2) Equipment Accountability and Maintenance. Following the Warriors' Breakfast, Recruit Training company commanders will ensure accountability and maintenance of all equipment and weapons. Missing gear statements will be completed and submitted via the chain of command.

(3) Post Crucible Medical Screening. Post Crucible medical screening will be conducted by BHMC staff at the respective Battalion immediately following the Warriors' Breakfast. Recruit training company commanders will ensure all Marines requiring medical attention or evaluation are sent to BHMC for sick call immediately following the post Crucible screening. Recruit Training company commanders will collect names of possible graduation holds for tracking and preparation of the graduation hold request.

(4) Crucible Clean-Up. Recruit training company commanders will provide a working party consisting of at least 60 new Marines to police the SEA-huts, training areas, and heads at Page Field.

6. Command and Signal

a. Command

(1) This Order is applicable to all personnel who train or support training for the Crucible.

(2) By joint agreement, this Order also applies to Naval Hospital Beaufort (NHB).

(3) Should the Command relocate due to destructive weather or other circumstances, the regulations provided in this Order will remain in effect, where applicable.

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

  
W. M. FIELD

DISTRIBUTION: A

LOCATOR SHEET

Subj: CRUCIBLE ORDER

Location: \_\_\_\_\_  
[Indicate location(s) of Copy(ies) of this Order.]



## RECORD OF CHANGES

Log completed change action as indicated.

Change Number	Date of Change	Date Entered	Signature of Person Incorporated Change

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## CHAPTER 1

## CONCEPT OF OPERATIONS

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1000. GENERAL

1. The Crucible consists of an initial 12km hike, twenty-four day objectives, two night objectives, and culminates with a 15km hike. The day-objectives involve a combination of Core Values discussion stations, warrior stations, skill demonstration stations, MCMAP skill demonstration, and leadership reaction courses. The two night events include a four mile foot movement and a combat resupply course. The recruits' caloric intake is reduced to four MREs over the 54-hour period and sleep is reduced to two, four-hour periods to induce friction and simulate a high operations tempo.

2. Recruits are challenged mentally and physically over the 54-hour period to test their ability to demonstrate honor, courage, commitment, and exhibit mental resiliency with discipline, teamwork and esprit de corps. The use of simulated artillery munitions, smoke grenades, smoke generating machines, and simulated machine guns are used to simulate a combat environment. Recruits employ blank ammunition during the conduct of the Crucible to further simulate combat conditions and emphasize the importance of weapons handling.

1001. SQUAD ORGANIZATION

1. Crucible squads are constructed by the training company with squad integration to the maximum extent possible. The number of squads can range from one to a maximum of 24.

a. Each squad is made up of 12 to 16 recruits and is led by a DI designated as a CTL.

b. Once a squad arrives at an objective, the CTL will brief the squad on the mission of the objective.

c. Recruits will rotate between squad and team leader billets at every objective in order to evaluate their leadership and understanding of Marine Corps core values.

2. Recruit training companies will be augmented by DIs from the RTR IOT achieve a maximum 1 to 16 CTL to recruit ratio. If the 1 to 16 ratio is not feasible, the RTR commander has the authority waive this requirement to a maximum of 1 to 20 ratio.

3. Training companies are responsible for building a bump plan, or at a minimum will have a list of DIs as supernumeraries if any CTL becomes incapable of leading their Crucible squad.

1002. OBJECTIVE ROTATION

1. The Crucible begins with reveille sounded at 0200 on day one (typically Thursday/TD-57) in the recruit squad bays, followed by a 12km hike from the respective battalion areas to Page Field.

2. Each squad begins the Crucible at one of the 24 day objectives. Squads conduct 11-13 objectives each day, completing all 24 within the prescribed 54-hour period. Rotation will start at 0530 every day. Two squads will occupy each day objective at a time.

3. High and medium intensity objectives are broken up with low intensity objectives between them to allow recruits to rest, hydrate, and care for their weapon and equipment in order to prevent injuries.

4. Following the completion of the final day objective each training day, the squads will prepare for one of two night objectives. The two night objectives are the 4 Mile Night Resupply Hike (objective 25) and the Night Infiltration Course (objective 26). Each night event typically lasts from two to three hours.

5. At the completion of the night events, the squads will rejoin as platoons and will establish patrol bases (PB) on Page Field for their four hours of sleep.

6. Each day, reveille and taps will be established by the training company with the only limitations being that the recruits get no more or no less than 4 hours of sleep and all squads are at their objective NLT 0530 to start their first objective of the day.

7. The third day begins with a 15km hike to the Iwo Jima Monument for the Eagle, Globe, and Anchor ceremony. Following the Eagle, Globe, and Anchor ceremony, the new Marines will receive a Warrior's Breakfast. The remainder of the day consists of weapons and gear maintenance, medical checks, and preparation

for the following week's schedule.

1003. COMMAND AND CONTROL

1. The training company will designate a Crucible Officer in Charge (OIC), normally this is the training company commander. In the event a series-track company is combined with another training company, the duties of OIC may be divided between the two company commanders. The OIC shall supervise the conduct of the Crucible and ensure the execution is in compliance with this Order. The OIC shall ensure the lead controller from FTC remains with them at the COC and any movements conducted on Page Field.

2. The training area will be divided into two areas of operation (AO) along the North West/South East oriented runway, designated AO North and AO South. Each AO shall have a designated Range Safety Officer (RSO) assigned by the OIC. Each RSO is responsible for the safe conduct of each objective in their respective AO. Each RSO shall have a FTC controller and corpsman with them at all times. Training companies must coordinate with WFTBN S-3 to receive an OIC/RSO class prior to execution.

3. All CTLs and FTC controllers shall maintain communication with the COC and MED-1 at all times.

1004. SCHEDULES

1. Training companies will work with FTC to establish the squad rotation based upon the total number of recruits. Rosters will be submitted to FTC NLT 48 hours prior to stepping off for the Crucible.

2. Deviations from the standardized schedule are not authorized, due to its role in maintaining an appropriate intensity level and tempo. However, it can be modified slightly under special circumstances if the training company coordinates with FTC prior to execution and establishes a compelling reason.

1005. PREPARATION

1. Commanders are responsible for Crucible preparation. Company commanders of any DIs assigned as augments to a recruit training



company during the Crucible will ensure they have been trained to do so effectively. The supported company commander will verify that those augmenting DIs are fully trained. Augmenting DIs shall attend designated training with the supported company, prior to the Crucible, as specified by the supported company commander.

2. Prior to conducting a Crucible as a CTL, DIs shall shadow an experienced CTL throughout the execution of one entire Crucible.

3. Prior to each Crucible, the following must occur:

a. Recruit training company commanders will issue an order and give intent to both recruits and DIs.

b. Training company OIC/RSOs will inspect the training areas. DIs will re-familiarize themselves with the objectives, rehearse core values discussions and individual station mission briefs, address any event changes, and answer questions.

c. Training company staff members will review the hot or cold (HOTSOP/COLDSOP) weather conditions.

d. Training companies will submit final team rosters to FTC NLT 48 hours prior to execution.

e. Recruit Crucible squads and fire teams are designated and initial recruit squad leaders and fire team leaders are assigned.

4. WFTBN shall ensure hard water points are marked and will coordinate with Preventive Medicine for regular testing of these and of water bulls.

5. Sports Drink Supplement. G-4 food service shall provide sufficient quantities of sports drinks to support a consumption quantities of 64-ounces per day.

6. Objective Inspections. WFTBN conducts weekly inspections and maintenance of the Crucible objectives, equipment, and routes to ensure they are prepared and safe for use each week.

7. FTC will maintain laminated CTL instructions and mission statements for all Crucible objectives (enclosure 7).

1006. BASIC DAILY ROUTINE (BDR). The BDR is the time between the end of the day events and the beginning of the night events, the time following the night events until taps, and between reveille and the start of the day events.

1. Priority of work during BDR is weapon, gear, body for recruits. CTLs will focus on preparation for the night objective or the next day's objectives.
2. CTLs shall remain with their teams during the BDR.
3. CTLs will regularly check each recruit throughout the Crucible, paying particular attention to their health and feet.
4. During foot checks, CTLs will observe each individual recruit for signs of illness or altered mental state. CTLs will immediately refer any recruit showing signs of altered mental state to sick call. See chapter 6 for further details on foot checks and medical procedures.
5. Recruits will maintain proper field hygiene by brushing their teeth and cleaning their feet, groin, hands, face, and armpits. Male recruits will shave daily. Female recruits will ensure their hair is maintained within regulations.
6. Recruits will get four hours of sleep except when standing fire watch in their PBs. Security during PBs will be 25 percent security and fire watch will be in 30 minute increments.
7. Recruit training companies will only sleep in the SEA huts during inclement weather.

1007. RECOVERY SITE ACTIONS

1. Recovery periods are afforded during each objective. Recovery time is used to maintain weapons, gear, and body in that order. This time is also used for the CTLs to reinforce core values and mentor the recruits.
2. Priority of work during recovery time is as follows:
  - a. Stage gear

- b. Clean weapons/equipment
- c. Head calls and fill canteens
- d. Eat and hydrate (using water and hotwets/sports drink)
- e. Hygiene and foot care
- f. Corpsmen medical checks if needed
- g. Change clothing as required
- h. Preparation for subsequent objective
- i. Stretching

1008. RECRUIT EVALUATION

1. Successful completion of the Crucible is a graduation requirement according to the Program of Instruction.
2. The pass/fail criteria is based on the ability of the individual recruit to satisfy the following criteria:
  - a. Demonstrate honor, courage, and commitment
  - b. Demonstrate a mental resiliency through the execution of tasks.
  - c. Demonstrate discipline, teamwork, and esprit de corps.
3. Recruits will be briefed by their SDI and/or CTL on the evaluation criteria.

1009. COORDINATING INSTRUCTIONS

1. Reporting Requirements

- a. CTLs will coordinate with the training company COC prior to beginning each event objective. CTLs will report the number of recruits on each objective to the COC prior to the squad conducting the objective.

b. CTLs will ensure the area RSO and OIC are notified of any injuries, no matter how minor. The training company will send the same report to the FTC COC.

c. In the case of minor injuries, CTLs will ensure that self-aid and buddy-aid will be performed prior to calling the COC for corpsman support. In the case of an emergency, CTLs will contact Emergency Medical Services (EMS) via 911 or black gear radios.

d. CTLs will make sure that all information on the disposition of the injured recruit(s) is relayed to the COC.

e. CTLs will ensure that a recruit does not leave Page Field without the recruit training company COC and the FTC COC being notified.

## 2. Additional Requirements

a. The Crucible in its entirety is a tactical event. When not engaged on an objective, recruits will conduct continuing actions while in a 360 degree security position. Upon completion of the CTL brief, CTLs will brief the scenario-based five-paragraph order.

b. CTLs shall remain with their squads at all times.

c. Recruits will move in tactical formations between objectives.

d. During the execution of each objective, and as applicable to the scenario, CTLs will enforce the tactical fundamentals of camouflage, cover, concealment, security, and noise discipline.

e. Upon completion of each objective, CTLs will read and briefly discuss the award/historical citations to their recruits in order to reinforce how our core values enabled heroic and honorable actions by Marines, as well as relate our core values and leadership traits to the conduct of each objective.

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CHAPTER 2  
OBJECTIVES

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2000. GENERAL. This chapter outlines the Crucible objectives, requirements, and responsibilities of recruit training company personnel. The 24 objectives are executed in a round robin (independent time) fashion with (2) squads per objectives.

2001. CRUCIBLE OBJECTIVES. The following are the names and correlating numbers for each objective. In-depth detail of each objective can be located in the Crucible Smart Pack (enclosure 7).

1. Hue City
2. Gas Gas Gas
3. "Farmer" DFC
4. Solomon Islands
5. Harrell's Devil Dog Dome
6. Confidence Course
7. Battle of Nasiriya (O-Course)
8. Battle of Marjah
9. Leadership Reaction Course (LRC)
10. Gregory's Gauntlet
11. Kelly's Charge
12. Warrior's Cove
13. Battle of Belleau Wood
14. Death Before Dishonor TDG
15. "Joker 1" DFC
16. Marianas Islands
17. Battle of Derna (Bayonet Assault Course)
18. Battle of Fallujah
19. Montford Point
20. Altomare Ally
21. Noonan's Evac
22. Brahma Nation
23. Simmons' Resupply
24. John Quick Trail
25. Operation Dewey Canyon (Night event, 4-mile foot march)
26. The Battle of Guadalcanal (Night event, Infiltration Course)

2002. UNIFORM REQUIREMENTS

1. Recruits are required to negotiate all events while wearing their fighting load and black gloves. Ensure recruits with glasses wear a headband. Eye and ear protection shall be worn during events where blanks, artillery simulators, and machine gun simulators are employed.



2. Additionally, for Objective 5, the following safety gear will be worn while engaged in fighting:

SAFETY EQUIPMENT	BODY SPARRING	PUGIL STICKS
M16A4 w/ Iron Sights	NO	NO
War Belt w/ 2 Canteens	NO	NO
Mouth Pieces	YES	YES
Pugil Stick	NO	4 per side
Groin Protection	6 per side	6 per side
Neck Collar	6 per side	6 per side
Hockey Gloves	NO	3 pairs per side
18 oz. Boxing Gloves	3 pairs per side	NO
Sparring Helmet	3 per side	NO
Football Helmet	NO	6 per side
Flak Jacket	6 per side (Females Only)	6 per side
Stopwatch	2 (CTL as timers)	2 (CTL as timers)
Whistle	1 per MAI	1 per MAI

#### 2003. CTL RESPONSIBILITIES

1. Prior to executing each objective, CTLs shall ensure that the following tasks are completed:

a. Choose recruits to serve as the squad leader and fire team leaders for the event.

b. Identify all nearby water points, head facilities, and dumpsters.

c. Ensure recruits are wearing all associated gear per paragraph 2002.

d. Clean weapons.

e. Determine if the course contains standing water; recruits will not crawl through any standing water.

f. Brief the associated five-paragraph order for the objective.

g. Recruits shall utilize the proper individual movement techniques (high crawl, low crawl, individual/buddy team/fire team rushes) and the proper use of cover and movement.

h. Recruits shall maintain positive control of their weapon, except when acting as a casualty, and adhere to all weapons safety handling procedures during the execution of all objectives.

i. Recruits will not drag any casualties through obstacles to avoid unnecessary injuries.

j. CTLs will stay on the course until the last recruit crosses the limit of advance.

2. After executing an event, CTLs will ensure that the following tasks are completed:

a. Conduct 100% accountability for all personnel, weapons, and equipment. Send report to COC that all recruits and weapons are accounted for.

b. Conduct a debrief. Debriefs will last no more than five minutes. Discuss the challenges and experiences that the recruits had to overcome and how they relate to the Marines of the past.

c. Brief the provided historical tie in / award citation associated to the objective.

d. Rotate the squad leader and team leaders for movement to the next objective.

e. Clean weapons.

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CHAPTER 3  
FOOT MARCHES

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Figure 3-1: 15 Kilometer Hike Route 3-9

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3000. GENERAL. During the Crucible, recruits will conduct three extended administrative foot marches: the beginning 12km foot march, the 4-mile night march, and the 15km foot march culminating event. Marches will be conducted in accordance with the POI. Although these are administrative marches accomplished in a recruit training environment, every opportunity short of impacting mission accomplishment will be taken to demonstrate tactical march procedures.

### 3001. CONCEPT OF OPERATIONS

1. Movement Planning. The basic considerations in planning a foot march are the mission, situation, terrain, weather, and unit readiness. A successful march is characterized by adherence to prescribed routes, time schedules, and the ability of the unit to accomplish its assigned mission upon arrival to its destination.

### 2. EQUIPMENT LOADS

1. General. The following are the two types of loads that will be utilized during the Crucible.

#### a. Assault Load

Qty	Item (Worn on Body)	Location	Weight (lbs)
1 set	Utilities w/Cover and Belt	Body	3.23
1 set	Skivvies w/Socks	Body	0.69
1 pair	Infantry Combat Boot	Body	5.40
1	Kevlar Helmet	Body	2.40
1	M16	Body	7.78
1	Rifle Cleaning Gear	Buttstock	1.00
1	Cartridge Belt w/H-Harness	Body	1.59
2	Magazine Pouches w/4 Magazines	Cartridge Belt	2.38

2	Canteen w/Cover, 1 Quart (Canteen Filled)	Cartridge Belt	5.40
1	Canteen Cup	Cartridge Belt	0.90
1	Flashlight w/Batteries	Assault pack	1.00
1	Poncho/ Field Tarp	Assault pack	1.70
1	Insect Repellent and Blister kit	Assault pack	0.1
1	Mouth Piece	Assault pack	Negligible
1 pair	Ear Plugs	Assault pack	Negligible
1 pair	Extra Socks	Assault pack	0.38
1 pair	Leather Gloves	Assault Pack	0.35
1	Sun Screen	Assault pack	0.10
1	MRE	Assault pack	.75
1	Assault/ Day Pack	Body	3.00
		<b>TOTAL ASSAULT LOAD</b>	<b>38.65</b>

b. Combat Load. The ISOMAT will be carried with the combat load and 15km foot marches. During the execution of the objectives, the ISOMAT will be kept with the existence load in the bivouac area.

Qty	Item (Worn on Body)	Location	Weight (lbs)
1	Main Pack w/Frame	Body	5.56
1 pair	Infantry Combat Boots	Main Pouch	5.40
1 set	Utilities	Main Pouch	2.63
2	Skivvies	Main Pouch	0.50
2	Socks	Main Pouch	0.76

1	Hygiene Kit	Main Pouch	0.50
1	Foot Care Kit	Outside Pouch	0.20
1	Gortex Top	Main Pouch	1.00
1	Towel	Main Pouch	0.50
1	Trash Bag	Main Pouch	Negligible
1	ISOMAT	Strapped to Main Pack	1.00
1	Shower Shoes	Main Pouch	0.25
1	MRE	Outside Pouch	.75
		<b>Total</b>	<b>19.05</b>
		<b>Assault Load</b>	<b>35.65*</b>
		<b>TOTAL COMBAT LOAD</b>	<b>54.70</b>

\*Remove assault pack from assault add the rest for total combat load of 54.70 lbs

c. Clothing. CTLs must ensure that insulating layers are removed prior to beginning any march. Additional layers of clothing should not be added during the conduct of a march and only under the most extreme weather conditions should layers be added during halts.

### 3. Control and Coordination Measures

a. Rate of March. The rate of march for all foot marches will be no faster than 4.8kmph/3 mph. Commanders must consider external factors when determining the appropriate rate of march that will preserve unit integrity, prevent running, reduce the risk of injury, and maintain a reserve of responsiveness.

b. Road Guards. Road guards will be employed during all foot marches on or along roadways, but are not required upon entering the Page Field area. There will be a minimum of one DI located with each road guard unit to control their movement and employ them as needed. DIs will have a working flashlight with



them. Recruit training company commanders will ensure they employ enough road guards to meet the following criteria:

(1) When approaching road intersections where vehicle traffic may enter or impede troop movement, road guards will be employed to block each roadway.

(2) When crossing any roadway, road guards will be employed to block traffic from either direction on the road being crossed.

(3) Road guards will wear reflective vests on their pack and carry flashlights with white lenses for the 12 and 15 km foot marches.

c. Halts. During the conduct of a foot march, halts will be taken at regular intervals to adjust loads and allow recruits a brief rest.

(1) After the first 10 minutes of movement, an initial halt will be taken for two minutes in order to adjust equipment and/or remove/add layers of clothing due to weather conditions. After the initial halt, all other halts during the foot march will be 10 minutes in duration and conducted at designated head facilities, generally every 50 minutes.

(2) All units in the movement formation will be halted at the same time. At the halt signal, recruits will remove packs, loosen gear, and sit down on their packs. Further actions will include drinking water, filling canteens, consumption of fruit, and making head calls.

(3) Warnings will be given at five, three, two, and one minute prior to step-off. Packs will not be put on until the two-minute warning is given. Personnel and weapons accountability will be verified after each halt and immediately prior to resuming the march.

4. Safety Vehicles. Safety vehicles will be employed during all foot marches. These vehicles will be used for medical evacuation (MEDEVAC) of any injured recruit who cannot be treated by the on-scene corpsmen and returned to training. All vehicles will carry at a minimum of one stretcher and two water cans for emergency cooling of overheated recruits or recruit

training personnel. During hot weather conditions, each vehicle will carry an ice cooler with two sheets for heat casualties.

5. MEDEVAC. A MEDEVAC will be conducted in accordance with reference (i) and Chapter 7 of this Order.

6. Training Company Responsibilities

a. Prior to executing each foot march, training company staff will ensure that the following tasks are completed:

(1) Identify all equipment and uniform requirements.

(2) Pick-up Corpsmen from the branch health annex (BHA).

(3) Contact Marine Corps Air Station (MCAS) Weather for a weather update at (843) 522-7904.

(4) Contact the RTR S-4 to ensure the head facilities at Elliot's Beach are unlocked.

(5) Conduct Pre Combat Checks and Pre Combat Inspections of all recruits and gear.

(6) Brief the associated five-paragraph order for the event.

b. During the execution of foot marches, training company staff will ensure the following:

(1) Platoon/Squad integrity is maintained.

(2) The "lead" safety vehicle has their headlights turned on.

(3) One corpsman is located in the "follow" safety vehicle with its four-way flashers turned on, and the second corpsman is walking with the training company to observe recruits for signs of potential heat injuries.

(4) Observe recruits for signs of illness or injury.

c. After executing the foot march, training company staffs

will ensure that the following tasks are completed:

- (1) Conduct 100% accountability for all personnel, weapons and equipment in their squads.
- (2) Conduct a debrief.
- (3) Corpsmen conduct foot checks.
- (4) Recruits change their socks, make head calls, and fill their canteens.
- (5) Brief the provided historical tie in / award citation associated to the objective.

3002. 12 KILOMETER FOOT MARCH TO PAGE FIELD. Prior to the execution of the 12km foot march to Page Field, the recruit training company will ensure the existence load is transported IVO of their selected PBs. The 12km foot march out to Page Field marks the beginning of the Crucible and is the initial physical challenge the recruits will face. The 12km foot march will begin in the recruit training company area following reveille at 0200. The marching company will step off at 0230 and arrive at Page Field no later than 0500. Recruits will carry the assault load as designated in paragraph 3001 of this chapter.

3003. 4 MILE NIGHT FOOT MARCH

1. The four-mile night foot march is designated as objective 25, and will be conducted by the entire training company during the first night of the Crucible. It will commence no earlier than the end of evening nautical twilight (EENT). The mission scenario for the foot march is based on conducting a night movement along the designated route IOT resupply friendly forces. Recruits will not be briefed on the distance of the foot march. The purpose of this is to create uncertainty in the recruits and provide another test of their mental agility and flexibility.
2. This is a tactical event. Recruits will carry an assault load plus (1) water jug and (1) 5.56 ammo can per 4 recruits averaging 55 pounds (+/- 10%) per recruit. Further details on

the execution of objective 25 can be located in the Crucible Smart Pack (enclosure 7).

3004. 15 KILOMETER FOOT MARCH FROM PAGE FIELD. The 15km foot march is the final physical challenge of the Crucible and ends at the Parris Island Iwo Jima War Memorial, the site of the Eagle, Globe, and Anchor Ceremony. The 15km foot march will begin at the SEA huts on Page Field. Training Company Commanders will determine step-off time for this foot march. Recruits will conduct this hike while carrying the fighting load. The route for this foot march is established by RTR and can be seen below in figure 3-1.



Figure 3-1 - 15 Kilometer Hike Route

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## CHAPTER 4

## HAZARDOUS WEATHER PROCEDURES

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4000. GENERAL. The climate at MCRDPI provides the constant possibility of inclement weather conditions, such as lightning within five miles (L-5), heavy rain, hurricane-like winds, as well as hot and cold weather conditions. During the conduct of the Crucible, the FTC COC has the primary responsibility for monitoring inclement and/or hazardous weather within the training areas and reporting it to the recruit training company commander(s).

4001. INCLEMENT WEATHER DEFINED. The following definitions are provided for inclement weather:

1. Cold Weather. Conditions for cold weather exist whenever the outside temperature is 50° Fahrenheit (F) or below, or the wind-chill factor is 50° F or below.

2. Hot Weather. Conditions for hot weather exist whenever the Wet Bulb Globe Temperature Index (WBGTI) reaches 75° F or above.

3. Wet Weather. Conditions for wet weather exist when the ground, obstacles and/or facilities are wet due to precipitation.

4002. HOT WEATHER CONDITIONS. All activities during hot weather conditions are governed by the WBGTI. As the WBGTI increases, so do the restrictions upon training activities and events. Restrictive heat conditions are designated and announced by colored flags. The FTC COC will provide hourly temperature reports and flag conditions to all FTC instructors and the recruit training company commander(s). The recruit training company commander(s) will then modify the recruit uniform and/or training as deemed necessary

4003. HYDRATION AND FOOD INTAKE GUIDANCE

1. Hydration

a. Water consumption is a preventative measure for dehydration, which can occur in both hot and cold weather conditions. In order to stay hydrated, it is recommended that recruits drink one canteen per hour. Recruits should monitor their urine color and frequency: clear to light yellow with frequency of once every two to three hours is optimum.



b. Sports drink consumption will help maintain adequate amount of sodium (salt) in the body. Ensure recruits consume at least 16-ounces of sports drinks once every four (4) hours, or 64 ounces per day, during the Crucible.

## 2. Food

a. Ensure recruits are provided adequate time to consume each portion of their MREs during the debrief periods between objectives.

b. Fruit supplements will be used to augment MRE nutrition in order to provide the much needed replacement of nutrients lost during prolonged periods of strenuous activity experienced during the Crucible and its associated hikes.

4004. COLD WEATHER CONDITIONS. All activities during cold weather conditions require precautionary measures. As the cold weather conditions become more hazardous, so do the restrictions upon training activities and events. Execution of the Crucible may be adjusted to add warming time, or meet other logistical needs, such as that can include medical checks and laundry turn-in if necessary. The FTC COC will provide hourly temperature reports and cold weather conditions to all FTC instructors and the recruit training company commander(s). If modifications to the Crucible are required due to extreme cold weather conditions, the on-scene recruit training company commander(s) will coordinate with the FTC COC prior to making any changes.

1. When rain, sleet, or snow occur, the FTC and the recruit training company commanders will inspect obstacles, warrior stations and foot march routes. They will make a recommendation through their respective chains of command whether or not to execute. The Commanding Officer, RTR, in coordination with the Commanding Officer, WFTBN, will make the final decision.

2. Avoid all standing water.

3. Cold weather clothing will be taken to the Crucible and will be available for use by the recruits and Marines.

4. Changing and warming huts will be utilized.

5. Uniforms will be kept as dry as possible and will be changed if a recruit's clothing becomes wet. All recruits will change into dry uniforms when directed to do so by their CTLs.

6. During debriefs, core values discussions, and halts during foot marches, recruits will not sit directly on the ground. Poncho/field tarps or other insulating items will be used.

4005. L-5 PROCEDURES. When lightning is within five miles, activity will cease and personnel will move to the closest shelter. The following actions will be taken:

1. All outdoor activity will be suspended until conditions improve and the storm condition is lifted.
2. Move recruits immediately to the nearest covered area, such as the AS-26 classroom or a thunderdome.
3. Stack weapons at least 25 meters away from personnel.
4. Conduct administrative movements of short distances only as necessary.

4006. TORNADO PROCEDURES. In the event of a tornado warning, all squads located on or near Page Field will be immediately moved to Building #4061, the FTC classroom, using the most direct route. Even if L-5 is in effect, and recruits are in the SEA-huts, CTLs will still move their recruits to the FTC classroom for the greatest level of protection.

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## CHAPTER 5

## SAFETY

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5000. GENERAL. Safety of the recruits and recruit trainers conducting the Crucible is paramount. Every officer, SNCO, and NCO is a safety officer, and will take immediate action to halt any unsafe practice. ORM worksheets for the execution of the Crucible are enclosure (1) of this Order. Objectives 5 and 7 require a training company officer or chief drill instructor present at all times during execution.

5001. VEHICLE SAFETY

1. The speed limit on Page Field is 15 MPH. The speed limit when passing troops is 5 MPH.
2. Vehicles shall remain in the center of the runway.
3. Vehicles entering Page Field will do so via the road leading past the COC. All personnel must check in and out with the FTC COC.
4. Vehicles will use ground guides when off the Page Field tarmac.
5. FTC will provide three UTVs to supplement the company safety vehicles. These UTVs will only be driven by FTC personnel. One will have the Lead Crucible controller and the training company OIC, and two will each have an FTC AO controller, a corpsman, and an AO RSO.
6. POVs are not permitted on Page Field. Exceptions to this rule applies only to official MCRD photographers, Depot wildlife control personnel, and chaplains.

5002. SAFETY DURING LOW VISIBILITY/NIGHT

1. Recruits will carry functioning flashlights.
2. Accountability of recruits is critical. CTLs will account for their recruits and report accountability to the Crucible COC upon arrival to an objective and before departing a completed objective for the next location.

5003. PERSONAL PROTECTIVE EQUIPMENT (PPE). PPE will be used to protect recruits and permanent personnel from possible hazards. The required PPE per objective is outlined in the Crucible Smart Pack (enclosure 7). CTLs are responsible for ensuring all recruits in their squad are wearing the required PPE.

5004. NOISE HAZARD AREAS

1. Noise exposure is a recognized occupational hazard.
2. Objectives 1, 8, 11, 13, 18, and 26 have been identified as producing hazardous noise levels.
3. When artillery and machinegun simulators on objectives are being utilized, all personnel shall use hearing and eye protection. At no time will permanent personnel or recruits be closer than 20-meters from a machinegun simulator or 10 meters from artillery simulator during firing operations.

5005. INSPECTION RESPONSIBILITIES. In order to achieve a significant reduction in accidents, personnel must learn to identify hazards as well as implement controls to minimize risk to acceptable levels. The mission of the Marine Corps requires an aggressive training program that prepares personnel to perform ORM for military operations and high-risk training activities.

1. Weekly Inspections. FTC conducts weekly readiness inspections of the objectives prior to each Crucible. The Crucible safety checklists (enclosure 4) will be used for the inspections. WFTBN will coordinate corrective action of discrepancies noted on the weekly readiness inspection with the Facilities Maintenance Division (FMD) Office. To determine if a particular objective meets safety assessment criteria, WFTBN can request an assessment by the Depot Safety Office prior to the Crucible. The recruit training company commander will be provided the completed safety checklist during the Crucible brief prior to its execution.

2. Identification of Safety Hazards. If any personnel identifies a safety hazard during the Crucible, that objective will be halted until the OIC conducts a risk assessment, certifies that the event is safe to continue, and reports his findings to the FTC COC for follow up corrective action.

5006. WILDLIFE SAFETY. Wildlife is abundant in training areas aboard the Depot. Personnel will not capture, nor in any way harm or molest wildlife.

1. If any venomous snakes are present in the training areas, FTC personnel must be notified, who will then contact Depot Wildlife personnel.

2. The Commanding General may authorize a deer cull or other hunting during specific periods.

3. All personnel should be especially concerned with raccoons that are active during the daylight hours or are displaying aggressive behavior. This could be a possible indicator of rabies.

4. If any wildlife acts erratically or becomes a hazard to training, immediately notify the Depot Conservation Law Enforcement Officer/Wildlife Manager at x3799, or call the PMO Desk Sergeant at x3444.

5. At no time will the use of deadfalls, snares, covered pits, or any other type of obstacle or device used to capture, detain, or cause injury to the wildlife be authorized.



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CHAPTER 6

MEDICAL SUPPORT

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6000. GENERAL. This chapter discusses the medical support requirements necessary for the successful execution of the Crucible.

6001. CRUCIBLE MEDICAL SCREENINGS

1. Pre-Crucible Medical Screening. It is imperative that recruits who are at risk due to previously existing or evolving medical conditions be identified by their drill instructor and evaluated by a medical provider prior to participation in the Crucible.

a. The recruit training company leadership will provide the completed Pre-Crucible Screening Questionnaires, per enclosure (5), to the medical provider of their respective BHA. After review of those questionnaires, the battalion medical provider will supply the recruit training company leadership with a list of recruits that require further evaluation, per enclosure (6). The medical provider will then conduct a thorough medical examination of those recruits that he/she previously identified as needing further evaluation. Upon completion of the pre-screening and evaluation process:

b. Each recruit's disposition will be logged and recorded on a sick call chit. The BHAs will keep the Pre-Crucible Screening Questionnaires on file for a minimum of three (3) months.

c. CTLs will ensure each recruit returning from their pre-Crucible medical evaluation has his/her own sick call chit documenting their disposition. If a SDI is not certain of the medical or duty status of his/her recruit, the SDI will contact the battalion medical provider who conducted the screening to ensure that he/she is informed of the disposition of their recruit(s).

d. CTLs will then enter the information from the sick call chits into their master list of recruits who were screened and their pre-Crucible status.

2. Post-Crucible Medical Screening. Immediately after the Warrior's Breakfast, a medical provider will conduct a post-Crucible medical screening in the respective company's squad bays. SDIs and series commanders will accompany the attending medical provider to ensure that all new Marines get screened.

6002. CRUCIBLE AID STATION (CAS) OPERATIONS

1. The CAS is organized to provide first line medical support for recruits during the execution of the Crucible. The CAS is staffed as deemed appropriate by the Clinic Director and Senior Medical Officer (SMO) of the BMC. During the conduct of the Crucible, a medical provider will be available at the CAS. A medical provider can be a medical officer (MO), Independent Duty Corpsman (IDC), Physician Assistant (PA) or Nurse Practitioner (NP).

2. Daily Schedule

a. Initial Hike. Individual training battalions will request corpsmen from the respective BHA to provide medical coverage for the initial 12 km hike. Upon arrival to Page Field, BHA corpsmen will not depart until CAS corpsmen are present and a thorough turnover has been conducted.

b. Objective Coverage. Objectives 5 and 7 are the only objectives that require a corpsmen present during execution. Four total corpsmen will be present during objective execution: two co-located with the RSOs, one at objective 5, and one at objective 7. When objectives 5 and 7 are not being executed, the training company OIC has the discretion to place these corpsmen where they choose.

c. Hygiene Inspections and Foot Checks. Corpsmen will conduct hygiene inspections and foot checks for recruits during the following times:

(1) At the completion of each day's events.

(2) By request, after the night events.

(3) By request, prior to the 15K foot march to the Iwo Jima War memorial.

d. Night Event Coverage. All four corpsmen will be present during night objectives. During objective 25, one corpsman will be in the lead vehicle, and one will be in the follow vehicle. During objective 26, two corpsmen will be on the objective, and two will be in the staging area. Corpsmen will not depart from Page Field until cleared to do so by the training company OIC and FTC Crucible controller.

e. 15 km Hike. Individual training battalions will request corpsmen from the respective BHA to provide medical coverage for the 15 km hike.

6003. TREATMENT OF RECRUITS. After initial assessment by the on-scene corpsman, the recruit training company will transport recruits requiring medical attention to the CAS if deemed necessary by the corpsman. The lowest response necessary to adequately treat any injury/illness should be used.

1. All injuries/illnesses will be triaged in the field, via Motorola radio/cell phone communications, with the medical provider in the CAS. If required, the recruit will be transported to the CAS via safety vehicle.

2. Anyone transporting a recruit off of Page Field for a medical reason will ensure that the FTC COC, the CAS, and the recruit training company's on-scene commander(s) are immediately notified in order to submit a recruit incident report (RIR).

3. The CAS transport vehicle will be used to provide supplies for on-site stabilization of patients requiring further emergency evacuation by EMS. The recruit may be transported to the CAS via the CAS transport vehicle as the situation requires and stability permits.

4. Head, neck, and spinal injuries; fractures above the elbow and ankle; and other severe, life-threatening conditions require EMS response. Anyone on scene can call EMS/911 from the field. Med 1 procedures can be found in the Crucible Smart Pack (enclosure 7).

5. All BMC medical responses for heat prevention and/or intervention concerning heat injury will comply with reference (i). To assist Med 1 personnel in locating the recruit or staff member experiencing a heat injury, the assigned Casualty Collection Points (CCPs) will be used as reference points.

6. In the event that the medical capability of the CAS is overwhelmed, the FTC COC and the BMC MO will be notified. If necessary, administrative black flag will be called when BMC is overwhelmed or when all EMS vehicles are in use or off the Depot. After normal working hours, the medical officer of the day (MOOD) and the WFTBN Officer of the Day (OOD) will be contacted immediately for further instructions.

6004. CRUCIBLE MEDEVAC PROCEDURES. When a recruit is injured or down, the nearest person will shout "RECRUIT DOWN."

1. The nearest CTL will immediately come to his/her aid. At no time will the CTL leave the injured recruit alone. The CTL will also call for the on-scene recruit training company officer to inform him/her of the situation.
2. While the CTL is assisting the injured recruit, the remainder of their team will stop negotiating the objective until an alternate team leader is made available.
3. Once the CTL is notified, he/she will call for a corpsman and dispatch him/her to the injured recruit.
4. During this time, the on-scene recruit training company officer will be notified and he/she will assist the injured recruit and corpsman while the CTL returns back to his/her squad and continues through the event/station.
5. The corpsman will assess the recruit's injury, notify the CAS of the extent of the injury and determine if the recruit must be evacuated. 911/EMS will be contacted if the first responder determines it is necessary.

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CHAPTER 7

COMMUNICATIONS PLAN

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7000. GENERAL. Radio communications with the COC at Page Field will be established prior to starting the Crucible objectives. Medical personnel will ensure that the CAS at Page Field has communications with the BHMC and EMS.

7001. COORDINATING INSTRUCTIONS

1. Ensure all personnel are prepared to implement alternate means of communication should the primary means become inoperable or unreliable.
2. Ensure all means of communication follow established radio procedures, are professional in nature, and are kept to a minimum. Use will be for work related traffic only.
3. Recruit training companies will bring enough radios for every CTL and 6 extra for the OIC, RSOs, and training company COC personnel.
4. FTC personnel will provide their own radios and batteries.

7002. COMMUNICATIONS PROCEDURES

1. Concept. Handheld radios will be utilized as the primary means of communication during the Crucible.

a. RTR will utilize their own pre-designated channel(s) for internal communications while on Page Field and during all hikes.

b. WFTBN will utilize their own pre-designated channel(s).

c. All users will ensure their radio batteries are recharged during periods of non-use.

d. Commanders will ensure that a sufficient supply of batteries is issued to support all users and plans are in effect to avoid temporary loss of communications due to depletion of battery power.

e. Minimum Required Distribution of Handheld Radios

(1) RTR COC - Three

(2) OIC/RSOs - Three

(3) Recruit Training Company - One per squad

f. Alternate Means of Communication. Should a handheld radio become inoperable, the user will inform the recruit training company operations chief by having another individual contact the COC.

g. Call Signs. Call signs correlating to the squad number will be employed to identify personnel and reduce transmission time.

h. Channel 16 is monitored by the CAS and will be utilized for the sole purpose of communicating with Med-1.

7003. LAND LINE PLAN

1. General. FTC personnel will employ land line phones as a secondary form of communication.

2. Distribution. The large thunderdome (ext. 1975) and objective 18 (ext. 3833) are each provided with a land line phone that is capable of communicating with the WFTBN COC and EMS.

3. Cellular Telephone Plan. Cellular telephones will be employed as an alternate means of communication whenever handheld radio communications become inoperable or unreliable. Training company personnel should take note that cellular service is not always reliable on Page Field and should only resort to this option if all other available forms of communication are down.

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## CHAPTER 8

## LOGISTICS SUPPORT

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 FIGURE 8-1: MAP OF HARD WATER POINTS		 8-4

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8000. GENERAL. This chapter discusses the logistical support required for the safe, efficient, and effective conduct of the Crucible.

8001. BILLETING. Training companies will make coordination with FTC personnel to conduct reconnaissance and selection of suitable PBs for their rest periods during the Crucible. In the event of inclement weather, the alternate billeting site will be the (14) SEA-huts available to house male recruits and three SEA-huts available to house female recruits during the conduct of the Crucible.

1. Male recruits will use Building 4035A, B, C, D, E and F and Building 4036A, B, C, D, E, and F. Buildings 4035 and 4036 can be used for overflow.

2. Female recruits will use Buildings 4033A and B. Building 4033C can be used for overflow.

3. In the event that the SEA-huts flood, the on-scene recruit training company commander will contact the RTR OOD for transportation back to the recruit squadbays.

8002. SANITATION. Due to the tactical nature of the Crucible, field hygiene methods will be conducted and enforced by CTLs. In the event that higher echelons of sanitation are needed, the following permanent waste facilities are available:

1. Permanent Waste Facilities. Building #4030 contains male permanent waste facilities and Building #4031 contains female permanent waste facilities.

2. Areas of Responsibility. FTC is responsible for the overall maintenance and cleanliness of buildings #4030 and 4031. After each Crucible, the recruit training company commander(s) will ensure liaison is made with FTC to arrange a field day completed by the recruits and inspection completed by FTC personnel of these facilities. The recruit training company commander(s) is/are responsible to ensure the facility is stocked with proper sanitary products. FTC will report and track any maintenance requests for this facility.

3. Port-A-Johns. Port-a-johns are contracted by the G-4 and are scheduled to be cleaned and resupplied twice a week (Mondays and Wednesdays). It is the responsibility of the recruit training companies conducting the Crucible to ensure that recruits do not throw trash of any kind into the port-a-johns.



8003. SUBSISTENCE. Each battalion will be responsible for providing subsistence to their companies. Food Service requires the recruit training company's request be submitted at least two weeks prior to them conducting the Crucible.

1. Each recruit training company will order and issue a total of four (4) MREs per recruit for the duration of the 54-hours.

2. Recruit training company leadership will ensure that their recruits do not "field strip" their MREs prior to the execution of the Crucible.

3. During the execution of the Crucible, CTLs will ensure their recruits consume the MREs in their entirety.

4. Fresh water will be provided via designated hard water points on Page Field and water bulls. See Figure 8-1 for a map of hard water point locations.



Figure 8.1 - Page Field Hard Water Points

5. Supplemental Subsistence. Requests for fruit, sports drinks, and/or "hot wets" must be submitted at least two (2) weeks prior to conducting the Crucible to each battalion's respective chow hall. Canteens will only be used for water.

6. Ice. Recruit training companies will be responsible for ensuring adequate amounts of ice are on hand during the Crucible.

8004. WARRIORS' BREAKFAST. At the completion of the Eagle, Globe, and Anchor Ceremony, the recruit training companies will immediately move to their respective chow hall, stage their equipment and then enter the chow hall for their Warriors' Breakfast. The recruit training company commander(s) will ensure security is in place to guard the new Marines' weapons and gear while they are at the Warriors' Breakfast. Post-Crucible Marines will not be used as gear watch.

8005. SUPPLY ITEMS

1. Handheld Radios. See Chapter 7 of this Order for the minimum numbers of handheld radios that will be used during the conduct of the Crucible.

2. Ice Coolers. Each safety vehicle will have at least one (1) ice cooler for the purpose of keeping sheets cold, and at least (1) arm immersion cooler in case of heat casualties.

3. Equipment Accountability/Maintenance. Upon arrival at the Peatross Parade Deck, recruit training company commander(s) will ensure the accountability of all equipment, weapons and vehicles. At the conclusion of the Warriors' Breakfast, they will ensure any required maintenance is performed prior to turn-in. Missing gear statements will be completed and submitted via the respective recruit training company's chain of command.

8006. VEHICLES

1. RTR. The recruit training company commander(s) must request two (2) vehicles for the recruit training company to utilize during the Crucible.

2. FTC. FTC will utilize (3) UTVs in general support of all Crucible objectives.

3. Medical. BHMC will ensure that an ambulance is located on Page Field for the duration of the Crucible. It will be located

at objective 5 during its execution, and IVO the Crucible COC at all other times. Two (2) ambulances are required to support the 15km foot march to the Iwo Jima War Memorial.

4. POVs are not authorized on Page Field at any time. Exceptions apply only the official MCRD photographers, Depot wildlife personnel, and chaplains.

8007. AMMUNITION AND PYROTECHNICS. WFTBN is responsible for coordinating all necessary pyrotechnics support from the Depot's Ammunition Supply Point (ASP).

8008. MAINTENANCE RESPONSIBILITIES

1. RTR

a. During the conduct of the Crucible, RTR will identify areas in need of repair and any safety concerns to the FTC COC.

b. On M-2, the Monday following the Crucible, recruit training company commander(s) will provide working parties to police the SEA-Huts, all of the Crucible's training areas, and heads at Page Field.

2. WFTBN

a. Complete all repairs and maintenance of Crucible obstacles within organic capabilities.

b. Record and maintain a logbook of maintenance and safety issues.

c. Coordinate repairs outside of unit capabilities with the G-4 and FMD.

3. Facilities Maintenance. When required, provide technical assistance, equipment and operator support, material purchasing support, new work design, and planning to support maintenance of the Crucible.

DepO 1513.8C

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# **Risk Assessment Worksheet**

<b>SCHOOL:</b>	<b>MCRDPI</b>	<b>COURSE:</b>	<b>Crucible</b>
<b>LESSON TITLE:</b>	<b>Objectives 1-26</b>	<b>LESSON DESIGNATOR:</b>	
<b>PREPARED BY:</b>	<b>Thomas Hirschey</b>	<b>DATE:</b>	<b>221227-231227</b>

STEP 1 Identify Hazards	STEP 2 Assess Hazards	STEP 3 Make Risk Decisions Develop Controls	STEP 4 Implement Controls	STEP 5 Supervise	RAC
1. Heat Injury	1 (I,B)	<ul style="list-style-type: none"> <li>-All personnel in student status/recruits will carry (2) canteens or a water source at all times.</li> <li>-Training personnel/recruits will be encouraged to drink water during training.</li> <li>-Water bulls/water points will be located within walking distance from objectives.</li> <li>-Monitor flag conditions and adjust training requirements IAW the Crucible Order.</li> <li>-Arm Immersion Coolers will be located in the vicinity of high intensity events.</li> <li>-Modify uniforms to compensate for elevated temperatures.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-Instructors will monitor flag conditions and ensure coolers are accessible and uniforms are appropriate for temperature.</li> <li>-Drill Instructors will monitor recruits and notify Company COC/corpsman of possible heat injuries.</li> <li>-Maintenance section will ensure water points are operational and water bulls are placed and filled IAW the Crucible Order.</li> </ul>	3 (II,C)
2. Cold Weather Injury	2 (II,B)	<ul style="list-style-type: none"> <li>-Standing water will be avoided when the air temperature reaches 50° or below.</li> <li>-Recruits will have access to dry clothing and have adequate time to change over.</li> <li>-Warming huts are available for the Recruits when needed.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-Drill Instructors will monitor recruits and notify company COC/corpsman of possible cold injuries.</li> <li>-Maintenance section will ensure all warming huts are operational prior to cold SOP.</li> </ul>	4 (III,C)

3. Trip hazards	2 (II,B)	<ul style="list-style-type: none"> <li>-Objectives will be policed and inspected for any large trip hazards within 24 hours of conducting the crucible.</li> <li>-Personnel will be briefed prior to the start of each objective.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-FTC personnel will conduct weekly objective maintenance checklist IAW the Crucible Order.</li> </ul>	5 (IV,C)
4. Falling over four feet	2 (II,B)	<ul style="list-style-type: none"> <li>-Impact media will be fluffed, clear of debris, and filled to the appropriate thickness IAW base safety regulations.</li> <li>-All obstacles and gear will be inspected prior to the start of each objective.</li> <li>-Personnel will be briefed on the proper techniques to negotiate all obstacles.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-FTC personnel will conduct weekly objective maintenance checklists IAW the Crucible Order.</li> </ul>	4 (III,C)
5. Body/Head injury	1 (I,B)	<ul style="list-style-type: none"> <li>-Personnel will be briefed on the proper techniques to negotiate all obstacles.</li> <li>-All obstacles and gear will be inspected prior to the start of each objective.</li> <li>-Impact media will be fluffed, clear of debris, and filled to the appropriate thickness IAW base safety regulations.</li> <li>-PPE will be worn in accordance with objective requirements.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-FTC personnel will conduct weekly objective maintenance checklists IAW the Crucible Order.</li> <li>-All personnel will ensure proper PPE use.</li> </ul>	4 (II,D)
6. Lower leg injury	2 (III,A)	<ul style="list-style-type: none"> <li>-Personnel will be briefed on the proper techniques to negotiate all obstacles.</li> <li>-Impact media will be fluffed, clear of debris, and filled to the appropriate thickness IAW base safety regulations.</li> <li>-All obstacles and gear will be inspected prior to the start of each objective.</li> </ul>	<ul style="list-style-type: none"> <li>-Safety Briefs</li> <li>-Battalion SOP</li> <li>-Depot Crucible Order</li> </ul>	<ul style="list-style-type: none"> <li>-OIC/RSO will give the safety brief.</li> <li>-FTC personnel will conduct weekly objective maintenance checklists IAW the Crucible Order.</li> </ul>	5 (IV,C)

### Risk Assessment Worksheet

7. Hit by Vehicle	2 (I,C)	<p>-15 MPH speed limit will be enforced while on Page Field, 5 MPH while passing pedestrians.</p> <p>-Vehicle headlights will be turned on while driving at night or in any case of low visibility.</p> <p>-Vehicles will drive in the middle of the tarmac.</p> <p>-Recruits will wear moon beams, permanent personnel will have chem-lights.</p> <p>-No POVs are allowed on Page Field with the exception of those annotated within the Depot Crucible Order.</p>	<p>-Safety Briefs</p> <p>-Battalion SOP</p> <p>-Depot Crucible Order</p>	<p>-OIC/RSO will give the safety brief and remind all permanent personnel of the speed limits on Page Field.</p> <p>-All permanent personnel will obey all vehicle regulations and enforce others to do so.</p> <p>-All POVs on page field will have a range pass issued by FTC COC.</p>	5 (III,D)
8. Wildlife	2 (II,B)	<p>-Personnel will be briefed to stay away from any insect nest or animal holes.</p> <p>-All personnel will notify FTC personnel, Corpsmen and Company COC in the case of any severe insect or snake bites.</p> <p>-Depot Game Warden will be notified of any wildlife that needs to be relocated.</p> <p>-Cease fire will be called upon the sighting of wildlife entering the range lateral limits.</p>	<p>-Safety Briefs</p> <p>-Battalion SOP</p> <p>-Depot Crucible Order</p>	<p>-OIC/RSO will give the safety brief and remind all personnel the dangers of the wildlife.</p> <p>-Permanent personnel will stay vigilant and monitor all objectives.</p>	4 (III,C)
9. Hyponatremia	2 (I,C)	<p>-Recruits will be briefed to, eat the main meal from MRE and to be drinking water in moderation.</p>	<p>-Safety Briefs</p> <p>-Battalion SOP</p> <p>-Depot Crucible Order</p> <p>-Continuous supervision</p>	<p>-OIC/RSO will give the safety brief.</p> <p>-Drill Instructors will supervise recruits eating their main meals.</p> <p>-Drill instructors will be informed of the symptoms of Hyponatremia.</p>	4 (III,C)

10. Dangerous weather -Lightning	2 (I,C)	-L-5 and TS II procedures in place and practiced throughout the cycle. -All personnel will be notified when lightning strikes within 5 miles. -All personnel will be moved to the closest covered location.	-Safety Briefs -Battalion SOP -Depot Crucible Order -G-3 weather forecast website	-OIC/RSO will give the safety brief. -All Instructors will listen for L-5 warning siren. -Drill Instructors will move recruits to the closest covered location.	4 (II,D)
11. Dangerous weather - High winds/flying debris	2 (I,C)	-L-5 and TS II procedures in place and practiced throughout the cycle. -All personnel will be notified when the conditions reach TS II. -All personnel will be moved to the closest covered location. -Pyrotechnic signals (pop-ups) will not be used during high winds.	-Safety Briefs -Battalion SOP -Depot Crucible Order -G-3 weather forecast website	-OIC/RSO will give the safety brief. -All Instructors will listen for TS II warning siren. -Drill Instructors will move recruits to the closest covered location.	4 (II,D)
12. Hazardous Noise	3 (II,C)	-Personnel will be briefed to wear proper hearing protection. -Signs will be posted where hearing protection is required. -Marines and Recruits will wear hearing protection when around pyrotechnic. -Drill instructors will provide proper ear pro to recruits.	-Safety Briefs -Battalion SOP -Depot Crucible Order -Continuous supervision	-OIC/RSO will give the safety brief. -Crucible Team Leader will ensure the proper use of Hearing protection.	4 (III,C)
13. Lacerations	3 (II,C)	-All personnel will be instructed on the proper techniques to negotiate wire obstacles. -All personnel will wear black leather gloves when negotiating wire obstacles.	-Safety Briefs -Battalion SOP -Depot Crucible Order	-OIC/RSO will give the safety brief. -Permanent personnel will ensure the proper use of black gloves when negotiating wire obstacles.	4 (III,C)
14. Pyrotechnics	3 (II,C)	-All personnel that handle or use pyrotechnics will be certified by the FTC operations staff. -Artillery Simulations (Arty sims) will only be placed in designated pits verified by WFTBN safety officer.	-Safety Briefs -Battalion SOP -Depot Crucible Order	-FTC Operations section will conduct regular training to certify the Marines of FTC. -WFTBN safety officer will conduct regular inspection of pit locations. -Pits will be located a minimum of 10 meters from where the recruits will be training.	4 (III,C)



### Risk Assessment Worksheet

15. Lost Recruit	3 (II,C)	-Trip flares will only be set off in designated pits verified by WFTBN safety officer. -Crucible Team Leaders will get accountability of their recruits upon arriving to each objective and prior to departing for their next objective. -Crucible Team Leaders will send PERSTATS to the Crucible COC upon arrival to each objective and before departing to their next objective. -All Training Company personnel will maintain a personnel roster of which recruits are with each Crucible Team.	-Personnel Rosters -Battalion SOP -Depot Crucible Order -Recruit Training Order -FTC SOP	-Recruit Training Company will maintain personnel rosters. -If a recruit does go missing, all training will cease until the recruit is located. -Crucible Team Leaders will maintain accountability and report it to the Crucible COC regularly.	4 (II,D)
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### Risk Matrix

		PROBABILITY			
		A	B	C	D
<u>SEVERITY</u>	I	1	1	2	3
	II	1	2	3	4
	III	2	3	4	5
	IV	3	4	5	5

#### RAC Definitions:

- 1 - Critical risk
- 2 - Serious risk
- 3 - Moderate risk
- 4 - Minor risk
- 5 - Negligible risk

Category I. The hazard may cause death, loss of asset, or result in grave damage to national interests.

Category II. The hazard may cause severe injury, illness, property damage, damage to national or service interests, or degradation to efficient use of assets.

Category III. The hazard may cause minor injury, illness, property damage, damage to national, service, or command interests, or degradation to efficient use of assets.

Category IV. The hazard presents a minimal threat to personnel safety or health property, national, service, or command interests or efficient use of assets.

Subcategory A. Likely to occur immediately or within period of time. Expected to occur frequently to an individual item or person or continuously to a fleet, inventory, or group.

Subcategory B. Probably will occur in time. Expected to occur several times to an individual item or person or frequently to a fleet, inventory, or group.

Subcategory C. May occur in time. Can reasonably be expected to occur sometime to an individual item or person or several times to a fleet, inventory, or group.

Subcategory D. Unlikely to occur.

Risk Assessment Code (RAC). The RAC is an expression of risk that combines the elements of hazard severity and mishap probability. Using the matrix, the RAC is expressed as a single Arabic number that can be used to help determine hazard abatement priorities.

OVER ALL RAC 3

Prepared by:

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Reviewed by:

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Approved by:

Col Arnone, M.F.

**Objective 5 - CRUCIBLE ENGAGEMENT SAFETY OFFICER**  
**CHECKLIST**

1. I gathered all personnel involved in executing Objective 5, to include MAIs, CDIs and CSLs and briefed the following verbatim:

- The safety of all recruits is a shared responsibility. All Marines here are safety officers and have full authority to stop any portion of this event immediately if they witness an unsafe condition.
- Examples of what would warrant the stoppage of this event include, but are not limited to, the following:
  - Safety gear becomes unsecured/broken/unserviceable.
  - Safety gear is not properly fitted.
  - A recruit loses his/her mouthpiece.
  - A recruit is rendered unconscious.
  - A recruit becomes disoriented from a blow.
  - A recruit appears to be dazed or confused.
  - A recruit cannot understand/respond to orders.
  - A recruit cannot remember being hit.
  - A recruit has slurred speech or clumsy movements.
  - A recruit is unable to defend himself/herself.
  - A recruit fails to keep his/her head/guard up at all times.
  - A recruit makes the back of his/her head vulnerable to downward strikes.
  - A recruit loses control of his/her pugil stick.
  - A recruit guards his/her face and takes a knee.
  - A recruit assumes a "hands out" position.
  - A recruit refuses to fight or defend himself/herself.
  - A recruit complains of an injury or ailment.
  - A recruit moves outside of the engagement area.
  - A scoring blow is registered.
    - » A scoring blow is an offensive technique delivered to a vulnerable area of an opponent with sufficient force and precision to disable an opponent.
  - The time of the bout expired.

2. Questions regarding the conduct of the event will be referred to the event leader or MAIs.

3. I will be positioned in a location where I have the best situational awareness of the events. I will maintain a whistle, as a final measure to stop the event if necessary, utilizing repetitive short whistle blasts until all action has ceased.

4. There is at least one safety vehicle present with:
- 1 Stretcher
  - 2 Coolers with ice and sheets
  - 5, 5-gallon water containers (full)
5. The minimum required personnel are present:
- 1 Certified MAI.
  - 1 Corpsman with radio connectivity to the CAS
  - 1 Recruit training company officer to serve as the event's Safety Officer.
6. The required body sparring equipment is on-hand and serviceable:
- Groin Protection (6 per side)
  - Neck Collars (6 per side)
  - 18 oz. Boxing Gloves (3 pairs per side)
  - Sparring Helmets (3 per side)
  - Flak jackets (Females Only - 6 per side))
  - 2 Stopwatches (CTLs as timers)
  - 1 Whistle per MAI and the Safety Officer
7. The required pugil sticks equipment is on-hand and serviceable:
- Pugil Sticks (4 per side)
  - Groin protection (6 per side)
  - Neck Collars (6 per side)
  - Hockey Gloves (3 pairs per side)
  - Hockey Helmets (6 per side)
  - Flak jackets (6 per side))
  - 2 Stopwatches (CTLs as timers)
  - 1 Whistle per MAI and the Safety Officer
8. Inspected the hockey helmets for installed cranium and jaw pads, chinstraps, and face mask attachment clips. Also ensured the chinstraps had four mounting points and the helmets were free of cracks.
9. Inspected the sparring head gear padding; ensured there were no tears on the padding or significant rips on the nylon webbing.
10. Inspected the boxing gloves; ensured no significant tears or missing padding.
11. Inspected the flak jackets; ensured the neck roll was attached and buckles secured to front of jacket.
12. Inspected the groin protection; ensured all straps and velcro secured properly.

13. Inspected the hockey gloves for excessive wear; ensured there was no tears, deep cuts/gashes, torn or missing fingers.

14. Ensured all recruits had a mouthpiece.

15. Ensured the female recruits had their hair down to ensure proper fit of the helmet.

16. Inspected the pugil sticks; ensured all foam padding was attached and the stick was not protruding through the end of the padding.

17. Ensured the impact media was free of debris.

18. MAIs conducted the Pugil Stick/Body Sparring Verbal Medical Screening.

19. The MAIs screened the recruits for any prior fighting experience.

20. All recruits received their Rules of Engagement (ROE) Brief from the MAIs.

21. It is my responsibility to ensure the MAIs are keeping control of the bouts and to stop the bouts if I become concerned about the welfare of the recruit.

22. If I am replaced by another officer, I will ensure the new safety officer completes a new checklist and that the MAIs are aware that there has been a turnover.

23. I am responsible for compliance with mishap reporting procedures, timelines, and the preservation of valuable information. I will refer to the Mishap reporting binder to ensure adherence to the applicable safety orders and guidelines.

24. I understand the duties and responsibilities required of me as Event 2's Safety Officer (Pugil Sticks/Body Sparring) and accept them.

\_\_\_\_\_  
**Inspector's Signature**

\_\_\_\_\_  
**Rank/Company**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Date**

**OBJECTIVE 5 - CRUCIBLE ENGAGEMENT**  
**PUGIL STICK/BODY SPARRING MEDICAL SCREENING**

The MAI/T will cover the following prior to conducting training with all participants:

1. Prior to all pugil stick and body sparring training, you must ask participating students the following questions.

Students answering "Yes" to any of the following questions will not participate in pugil Stick or body sparring training.

Recruits who identify themselves as having medical issues including, but not limited to those listed in enclosure (3), will not be viewed adversely by company personnel when tallying final Crucible pass / fail criteria (Recruits will be informed of the aforementioned provision).

- a. Who is on light duty?
- b. Who is currently restricted to wearing running shoes by medical personnel?
- c. Do you currently have a headache or lightheadedness?
- d. Who has had dental surgery within the last 72 hours?
- e. Are you in a limited duty or no duty status, or do you have a sick call chit stating "no martial arts training"?
- f. Who has stitches or staples on their body?
- g. Do you have an ear infection/pain?
- h. Do you currently have a sinus infection?
- i. Do you have a facial injury, either a black eye or facial bruising?
- j. Have you participated in a pugil stick bout in the last 7 days?\*
- k. Who has had a broken bone (including stress fractures) within the last six months?
- l. Who has had a head/shoulder injury within the last five years?  
Who has ever dislocated their shoulder?
- m. Who has received a blow to the head within the last seven (7) days, for any reason?\*
- n. Who has had a concussion within the last six months and has not been medically screened since arriving for training?
- o. Do you have a history of recurring headaches and have not been medically screened since arriving for training?
- p. Have you ever sustained an injury in pugil stick training?

- q. Have you ever been knocked out during a recruit training event?
  - r. Have you become disoriented as a result of a blow received in martial arts training?
2. "Disoriented" is defined as a student who either:
- a. Appears to be dazed or confused;
  - b. Does not respond to/ understand commands;
  - c. Can't remember being knocked down or hit;
  - d. Has slurred speech or appears abnormally clumsy
  - e. Delayed verbal and motor responses (slow to answer questions);
  - f. Emotions out of proportion to circumstances (distraught, crying for no apparent reason);
  - g. Memory deficits (exhibited by asking the same question that has already been answered, can't remember being knocked down or hit);
  - h. Any period of loss of consciousness
3. Do you have a medical condition not covered above that prevents you from participating in MCMAP training?
4. \*Second Impact Syndrome. A blow to the head will bruise the brain. A second blow to the head can cause death. This is known as the Second Impact Syndrome. There must be at least seven days between pugil stick bouts to prevent possible injury or death.

## Objective 1 Crucible Safety Checklist

- A. **YES / NO** Are boards and poles solid and not rotting or in need of replacement?
- B. **YES / NO** Are nails in boards flush on all walls?
- C. **YES / NO** Are depressions or holes not necessary to the course objectives filled in and leveled?
- D. **YES / NO** Are wood splinters removed or sanded smooth from all walls?
- E. **YES / NO** Are bolts tight and serviceable on all walls?
- F. **YES / NO** Are the oxygen and propane secured in place with chain and operational?
- G. **YES / NO** Is the Mortar system operational?
- H. **YES / NO** Are the 3 ft. barriers set up around the mortars? Is the cover on top to prevent debris falling in?
- I. **YES / NO** Are the hearing protection signs posted?
- J. **YES / NO** Are all areas of tangle foot and barbed wire tight and serviceable?
- K. **YES / NO** Are all lanes clear of debris and trash?
- L. **YES / NO** Are the X-Cal bunkers serviceable?
- M. **YES / NO** Are the areas between objective 1 and the warrior stations clear of debris and tripping hazards?
- N. **YES / NO** Are the event and tree line free of tripping hazards?
- O. **YES / NO** Is the course cut and trimmed?
- P. **YES / NO** Does the lighting system work?
- Q. **YES / NO** Are all engineer stakes covered by matting or caps?
- R. **YES / NO** Is the fire extinguisher properly charged and inspected for serviceability?
- S. **YES / NO** Are the crawl lanes raked and level?
- T. **YES / NO** Is there standing water on the course?

### THINGS TO BE FIXED

---

PRINT NAME/FTC MARINE

---

SIGNATURE

---

PRINT NAME/CHIEF/A-CHIEF

---

SIGNATURE

---

PRINT NAME/MAINTENANCE

---

SIGNATURE

---

PRINT NAME/OIC

---

SIGNATURE



## Objective 2 Crucible Safety Checklist

### **I. Gas Chamber**

- A. **YES / NO** Is gas chamber building free of debris?
- B. **YES / NO** Is the gas chamber cut and trimmed?
- C. **YES / NO** Is gas mask board free of debris and trimmed?
- D. **YES / NO** Are lights inside gas chamber working?
- E. **YES / NO** Are checkpoint sign/ammo can serviceable?
- F. **YES / NO** Are briefs inside of ammo can?
- G. **YES / NO** Are dunking barrels for gas masks serviceable?

### **II. Helicopter Landing Zone/Patrol Lane**

- A. **YES / NO** Are the patrol lane and HLZ clear of debris and trash?
- B. **YES / NO** Are the patrol lane and HLZ cut and trimmed?
- C. **YES / NO** Are the patrol lane and HLZ free of wildlife?

### **THINGS TO BE FIXED**

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\_\_\_\_\_  
PRINT NAME/FTC MARINE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINT NAME/CHIEF/A-CHIEF

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINT NAME/MAINTENANCE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINT NAME/OIC

\_\_\_\_\_  
SIGNATURE

## Objective 3 Crucible Safety Checklist

### I. Small Thunderdome/Checkpoint

- A. **YES / NO** Is small thunderdome free of debris and trash?
- B. **YES / NO** Are Briefs inside of ammo can?
- C. **YES / NO** Are ammo can/Ivan Target serviceable?
- D. **YES / NO** Are lights working in the thunderdome

### THINGS TO BE FIXED

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\_\_\_\_\_  
PRINT NAME/FTC MARINE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
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## Objective 4 Crucible Safety Checklist

### I. Endurance Course

- A. **YES / NO** Is the grass cut and trimmed around the obstacles?
- B. **YES / NO** Are obstacles serviceable?
- C. **YES / NO** Are bolts and coverings secure and intact?
- D. **YES / NO** Are ropes free of cuts and frays?
- E. **YES / NO** Are obstacles stable with no loose or missing bolts?
- F. **YES / NO** Are obstacles stable and not deteriorating?
- G. **YES / NO** Are all nails flush?
- H. **YES / NO** Is the back/low crawl portion free of water/debris?
- I. **YES / NO** Are the strings of barbed wire serviceable and tight to the stakes?
- J. **YES / NO** Is the wood free of rot?
- K. **YES / NO** Are nails flush to the board?
- L. **YES / NO** Is the impact area fluffed and provides 6" of fall protection?
- M. **YES / NO** Is the Impact area free of grass and debris?
- N. **YES / NO** Do all balance beams have non-skid?
- O. **YES / NO** Does tape on monkey bars need to be replaced?

### THINGS TO BE FIXED

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## Objective 5 Crucible Safety Checklist

### **I. OBSERVATION PLATFORM/OCTAGON/THUNDERDOME**

- A. **YES / NO** Is the area free of trash?
- B. **YES / NO** Has inside been raked level?
- C. **YES / NO** Are all nails flush?
- D. **YES / NO** Are all bolts tight?
- E. **YES / NO** Are all cables free of frays?
- F. **YES / NO** Are all boards free of cracks and splinters?
- G. **YES / NO** Do the lights work?
- H. **YES / NO** Do all the steps have non-skid?
- I. **YES / NO** Are guard rails sturdy and in good condition?
- J. **YES / NO** Is there standing water in the octagon?
- K. **YES / NO** Is the rubber mulch 6 in deep in the ThunderDome?
- L. **YES / NO** Do the lights work in the ThunderDome?

### **THINGS TO BE FIXED**

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## Objective 6 Crucible Safety Checklist

### I. WEAVER

- A. **YES / NO** Are poles secure to each side of the frame?
- B. **YES / NO** Is frame stable and poles not rotted at the base?
- C. **YES / NO** Are securing bolts covered or countersunk?
- D. **YES / NO** Is net serviceable, clear of frays and tight to prevent personnel from hitting the ground?
- E. **YES / NO** Are net joints secure and covered?
- F. **YES / NO** Are pole splinters removed or sanded down?
- G. **YES / NO** Are ammo cans free of sharp edges and serviceable to include the weld?
- H. **YES / NO** Is the grass cut around and underneath the obstacle?
- I. **YES / NO** Is all red paint noticeable?
- J. **YES / NO** Is clip board put away?
- K. **YES / NO** Is all gear properly stored?

### II. FONSECA'S 1ST AID

- A. **YES / NO** Is the course free of trash and debris?
- B. **YES / NO** Is the grass cut?
- C. **YES / NO** Is the lid on the mortar?
- D. **YES / NO** Has the trash been cleaned out of the oxygen and propane building and is the gate locked?
- E. **YES / NO** Is the oxygen bottle secured to the wall with the chain?

### III. SKYSCRAPER

- A. **YES / NO** Is structure stable with no loose or missing bolts?
- B. **YES / NO** Are guide wires tight, free of frays, and shackles covered?
- C. **YES / NO** Are structure poles stable and not deteriorating?
- D. **YES / NO** Are wooden decks sturdy at each level?
- E. **YES / NO** Are all nails flush?
- F. **YES / NO** Is cargo net secure to frame and tight?
- G. **YES / NO** Is net free of tears and frays? If not, tape or knot to prevent further fraying.
- H. **YES / NO** Is metal guard railing secure on top deck?
- I. **YES / NO** Is foam pad free of tears, debris, etc?
- J. **YES / NO** Is the grass cut and trimmed around the obstacle?
- K. **YES / NO** Is all gear stored properly? Are clip boards put away?

- L. **YES / NO** Is dummy serviceable?
- M. **YES / NO** Is dummy at the top of the skyscraper?

**IV. JORDAN'S CROSSING**

- A. **YES / NO** Are guide wires/ropes tight without frays?
- B. **YES / NO** Are metal frays removed to prevent injury?
- C. **YES / NO** Is frame poles and structure sturdy?
- D. **YES / NO** Are bolts and coverings secure and intact?
- E. **YES / NO** Are splinters removed or sanded smooth?
- F. **YES / NO** Are sandbags, wood or tires around impact area stable and serviceable?
- G. **YES / NO** Is the impact area free of grass and debris?
- H. **YES / NO** Is the impact media fluffed and does the impact zones provide 6" of fall protection?
- I. **YES / NO** Are ropes free of cuts and frays?
- J. **YES / NO** Are ammo crates free of sharp edges and serviceable to include the weld?
- K. **YES / NO** Is the grass cut and trimmed around the obstacle?
- L. **YES / NO** Is all gear stored properly? Are clip boards put away?

**V. STAIRWAY TO HEAVEN**

- A. **YES / NO** Is the structure stable with no loose or missing bolts?
- B. **YES / NO** Are guide wires secure, free of frays and covered?
- C. **YES / NO** Are there (6) large fall protection mats with (2) 3" covers over top?
- D. **YES / NO** Are the fall protection mats serviceable and flush against obstacle?
- E. **YES / NO** Are the fall protection mats free of sand, debris, and any equipment that would pose a hazard should someone fall?
- F. **YES / NO** Are the bolts and shackles secure to frame?
- G. **YES / NO** Are the 4x8 climbing boards sturdy and serviceable?
- H. **YES / NO** Are the telephone posts stable and serviceable?
- I. **YES / NO** Is the grass cut and trimmed around the obstacle?
- J. **YES / NO** Has the trash been picked up?
- K. **YES / NO** Is the red paint noticeable?
- L. **YES / NO** Is clip board put away?

**THINGS TO BE FIXED**

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## Objective 1 Crucible Safety Checklist

- A. **YES / NO** Are boards and poles solid and not rotting or in need of replacement?
- B. **YES / NO** Are nails in boards flush on all walls?
- C. **YES / NO** Are depressions or holes not necessary to the course objectives filled in and leveled?
- D. **YES / NO** Are wood splinters removed or sanded smooth from all walls?
- E. **YES / NO** Are bolts tight and serviceable on all walls?
- F. **YES / NO** Are the oxygen and propane secured in place with chain and operational?
- G. **YES / NO** Is the Mortar system operational?
- H. **YES / NO** Are the 3 ft. barriers set up around the mortars? Is the cover on top to prevent debris falling in?
- I. **YES / NO** Are the hearing protection signs posted?
- J. **YES / NO** Are all areas of tangle foot and barbed wire tight and serviceable?
- K. **YES / NO** Are all lanes clear of debris and trash?
- L. **YES / NO** Are the X-Cal bunkers serviceable?
- M. **YES / NO** Are the areas between objective 1 and the warrior stations clear of debris and tripping hazards?
- N. **YES / NO** Are the event and tree line free of tripping hazards?
- O. **YES / NO** Is the course cut and trimmed?
- P. **YES / NO** Does the lighting system work?
- Q. **YES / NO** Are all engineer stakes covered by matting or caps?
- R. **YES / NO** Is the fire extinguisher properly charged and inspected for serviceability?
- S. **YES / NO** Are the crawl lanes raked and level?
- T. **YES / NO** Is there standing water on the course?

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## Objective 2 Crucible Safety Checklist

### **I. Gas Chamber**

- A. **YES / NO** Is gas chamber building free of debris?
- B. **YES / NO** Is the gas chamber cut and trimmed?
- C. **YES / NO** Is gas mask board free of debris and trimmed?
- D. **YES / NO** Are lights inside gas chamber working?
- E. **YES / NO** Are checkpoint sign/ammo can serviceable?
- F. **YES / NO** Are briefs inside of ammo can?
- G. **YES / NO** Are dunking barrels for gas masks serviceable?

### **II. Helicopter Landing Zone/Patrol Lane**

- A. **YES / NO** Are the patrol lane and HLZ clear of debris and trash?
- B. **YES / NO** Are the patrol lane and HLZ cut and trimmed?
- C. **YES / NO** Are the patrol lane and HLZ free of wildlife?

### **THINGS TO BE FIXED**

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## Objective 3 Crucible Safety Checklist

### I. Small Thunderdome/Checkpoint

- A. **YES / NO** Is small thunderdome free of debris and trash?
- B. **YES / NO** Are Briefs inside of ammo can?
- C. **YES / NO** Are ammo can/Ivan Target serviceable?
- D. **YES / NO** Are lights working in the thunderdome

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