

Appendix A

Training Areas

Naval Base Guam
Training Activity Maps, Mitigations, and Descriptions

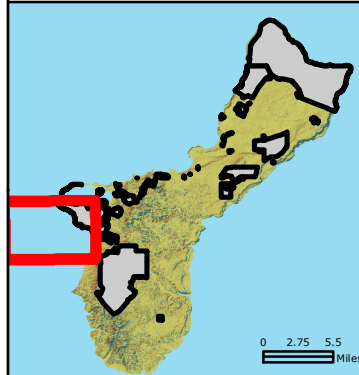
NBG Nearshore Waters - NBG1

Training Activity	Location	Description	Mitigations	Stressors:
Communications Checks	In-Water	Checking radios and communications		Cultural Resources: None
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Electronic Warfare Operations	In-Water	Fixed-wing aircraft and helicopter aircrews deploy chaff only at sea/open ocean (not over land) to disrupt threat targeting and missile guidance radars. Fixed-wing aircraft and helicopter aircrews detect electronic targeting signals from threat radars or missiles, dispense chaff, and immediately maneuver to defeat the threat. The chaff cloud deceives the inbound missile and the aircraft clears away from the threat. Chaff is a radar reflector material made of thin, narrow, metallic strips cut in various lengths to elicit frequency responses, which deceive enemy radars. Chaff is employed to create a target that will lure enemy radar and weapons system away from the actual friendly platform.		Cultural Resources: None
Joint Multi-Strike Group Exercise (element of a larger scale exercise conducted in international waters)	In-Water	The Joint Multi-Strike Group Exercise demonstrates the Navy's ability to operate a large naval force of up to three Carrier Strike Groups in coordination with other Services. In addition to this joint warfare demonstration, it also fulfills the Navy's requirement to maintain, train, and equip combat-ready naval forces capable of winning wars, deterring aggression, and maintaining freedom of the seas. The exercise would involve Joint assets engaging in a "free play" battle scenario, with U.S. forces pitted against a replicated opposition force. <i>The exercise provides realistic in-theater training.</i>	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline) for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection from shoreline, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft, rubbish accumulation, etc.).	Cultural Resources: Physical disturbance or boat strike: (no explsoives within 3nm)
Maritime Security Operations (MSO)	In-Water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Parachute Insertion	In-Water/ Land	These operations will vary in length depending on the transportation method and systems being used. Target areas are parachute drop zones that may be at sea or on land.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (Cargo)	In-Water/ Land	These operations will vary in length depending on the transportation method and systems being used. Target areas are parachute drop zones that may be at sea or on land.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy cargo drop and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG Nearshore Waters - NBG1

Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion (MFF)	In-Water/ Land	These operations will vary in length depending on the transportation method and systems being used. Target areas are parachute drop zones that may be at sea or on land.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
SAR Jumps / CAST & Recovery	In-Water	Helicopter, ship, and submarine crews practice the skills required to recover personnel lost at sea. Helicopters locate survivors and deploy rescue swimmer and rescue basket. Survivors are winched up to the hovering helicopter. Surface ships would conduct man overboard drills and deploy a dummy figure in the water. Ship crews would launch a small boat, direct the recovery of the dummy, and recover the small boat. Submarine crews would maneuver submarine to effect recovery of personnel.		Cultural Resources: None
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None

JRM Military Training Location Nearshore Waters Section 106



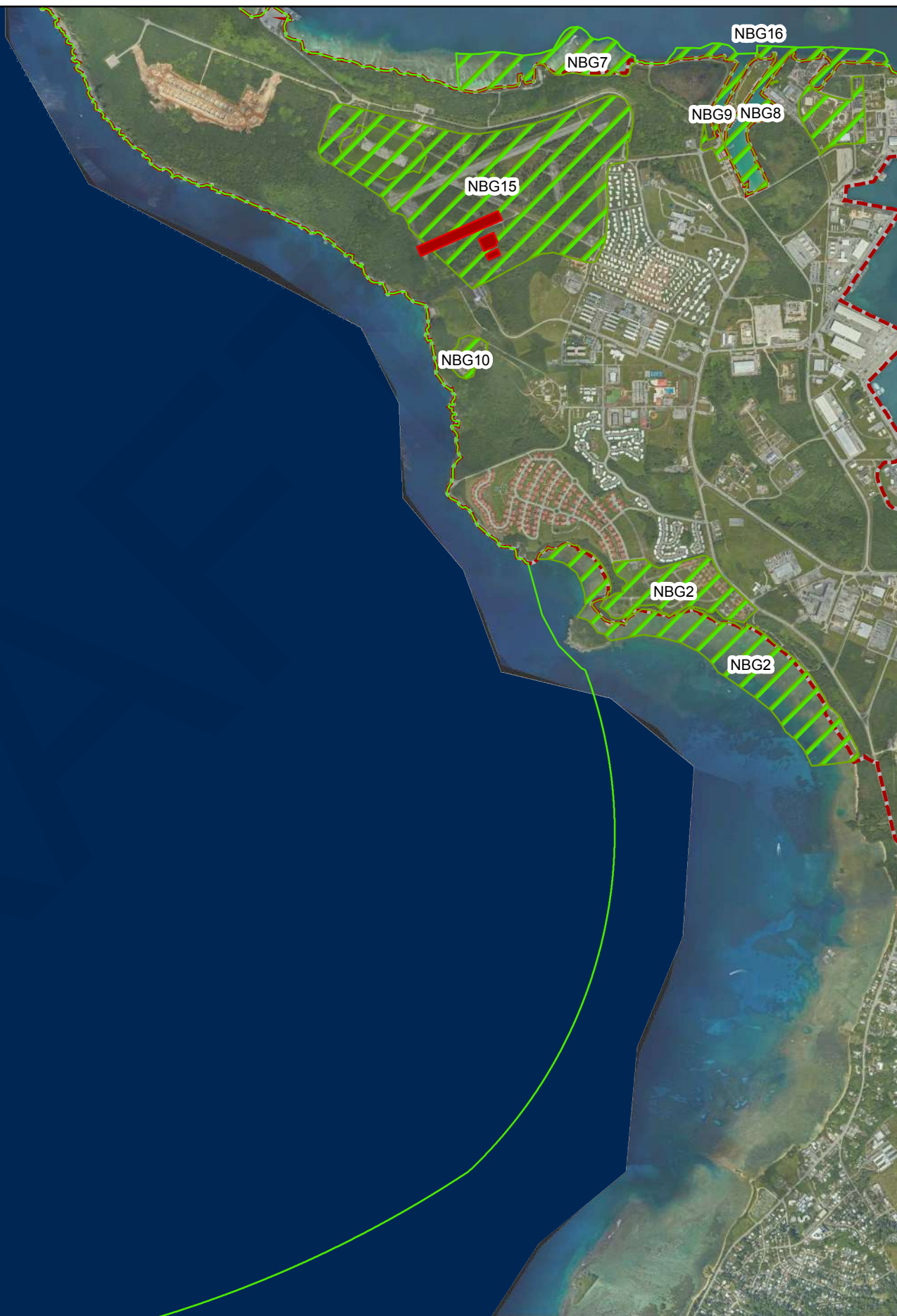
- Legend**
- Military Range
 - Installation Area
 - Training Areas
 - Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
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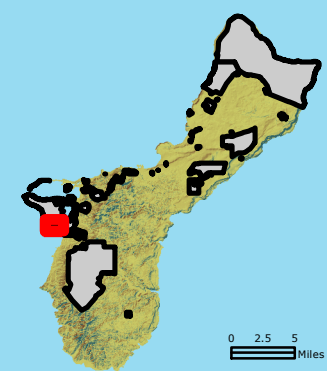
Authorize Training Within Area

Military Training Type

- Communications Checks
- Diving Training
- Joint Multi-Strike Group Exercise
- Parachute Insertion
- Parachute Insertion (MFF)
- Small Boat Operations
- Maritime Security Operations (MSO)
- Parachute Insertion (Cargo)
- SAR Jumps / CAST & Recovery
- Unmanned Underwater Vehicle Training

NBG Dadi Beach - NBG2

Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Raid	In-water / land	<p>Small unit forces swiftly move from amphibious vessels at sea into hostile territory for a specific mission, including a planned withdrawal. Raids are conducted to inflict loss or damage, secure information, create a diversion, confuse the enemy, or capture or evacuate individuals or material. Amphibious raid forces are kept as small as possible to maximize stealth and speed of the operation.</p> <p>An event may employ assault amphibian vehicle units, small boats, combat swimmers, or small unit non-live-fire operations, including the use of blanks and simunitions. Surveillance or reconnaissance unmanned surface and aerial vehicles may be used during this event.</p> <p>Events are also conducted to train in the delivery of humanitarian assistance to remote locations or areas requiring assistance after natural disasters.</p>	<p>Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Unmanned Underwater Vehicle Training	In-water	<p>Conduct unmanned underwater vehicle activities in support of tactical and theater requirements.</p> <p>Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.</p>		Cultural Resources: None



- Legend**
- Military Range
 - Installation Area
 - Training Areas
 - Fleet Exercise



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 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.1 miles



- Authorized Training in Area**
- | | |
|-------------------------------|--------------------------------------|
| Military Training Type | Diving Training |
| Amphibious Raid | Unmanned Underwater Vehicle Training |

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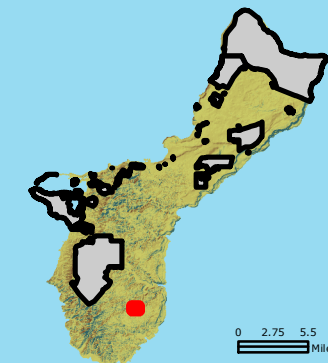
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NBG DanDan, Malojloj- NBG3

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and potential foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Intelligence, Surveillance, Reconnaissance (ISR)		Personnel conduct event to evaluate the battlefield, enemy forces, and gather intelligence. For training of assault forces, "red cell" units may be positioned ahead of the assault force and permitted a period of time to conduct surveillance and prepare defenses to the assaulting force.		Cultural Resources: None
Parachute Insertion		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

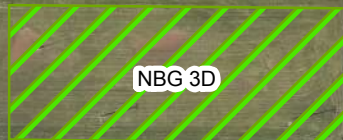
JRM Military Training Location Dan Dan

Section 106



Legend

- Military Range
- Installation Area
- Training Areas
- Fleet Exercise



Coordinate System: UTM Zone 55 North
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 Scale: 1 inch = 0.04 miles



Training In Area

Military Training Type

- Helicopter Touch and Go
- Insertion/Extraction
- Intelligence, Surveillance, Reconnaissance
- Parachute Insertion

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NAVFAC

Date: 8/20/2020

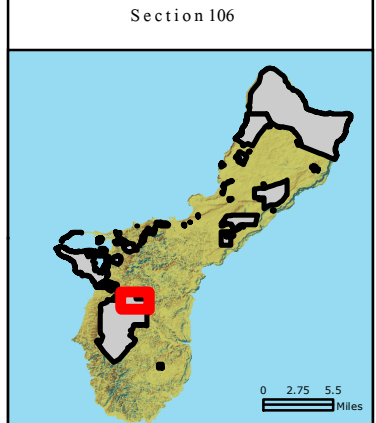
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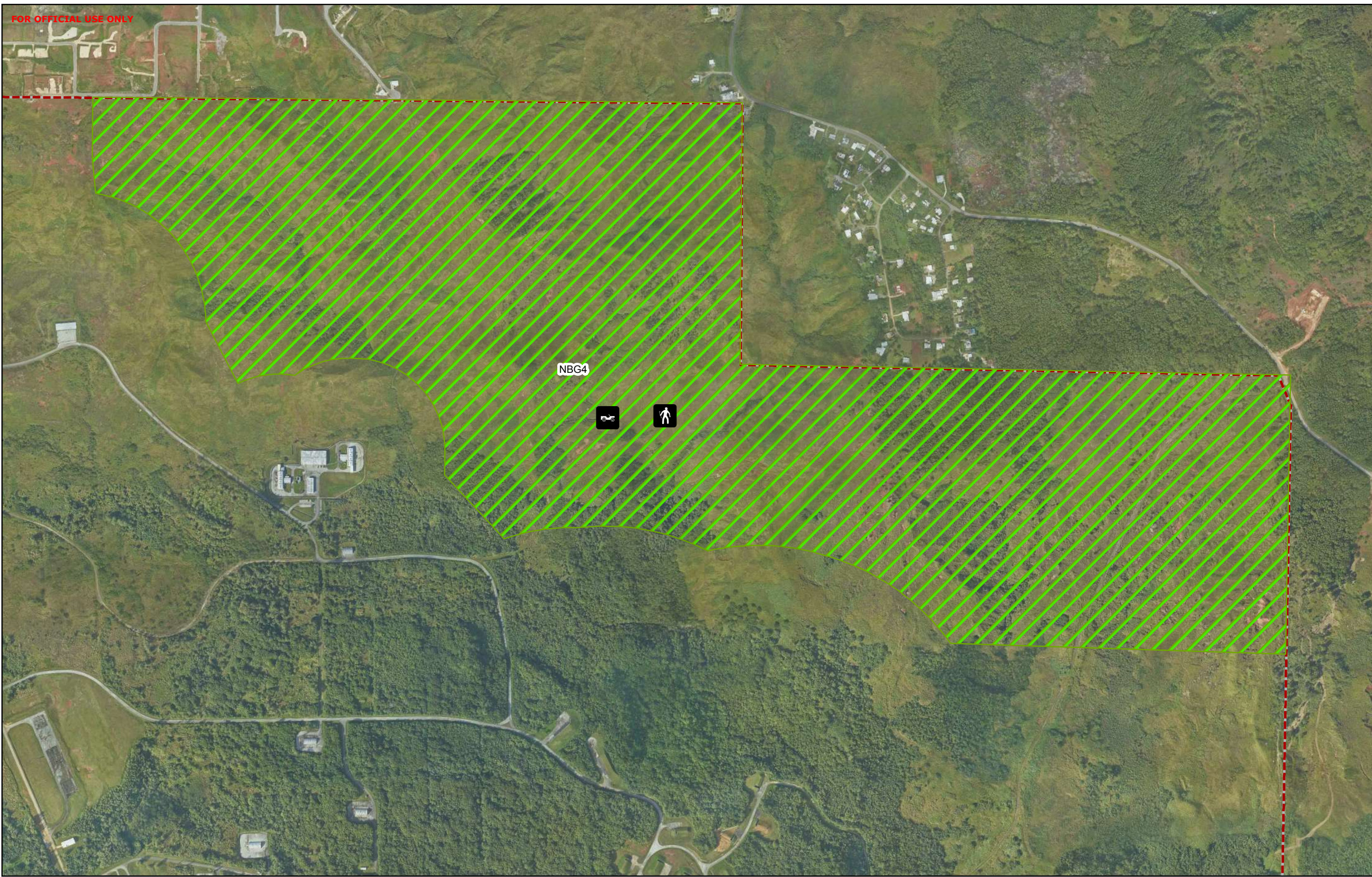
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NBG Munitions Site Northern Land Navigation - NBG4

Training Activity	Location	Description	Mitigations	Stressors:
Maneuver (Convoy, Land Navigation)	Northern Land Navigation	Northern Land Navigation Area and Southern Land Navigation Area support teams on foot only, no convoy training. Personnel participate in land navigation and convoy training by practicing maneuvers to learn how to react if their vehicle comes under fire, hits a roadside bomb, or breaks down, and how to protect themselves if they are forced to abandon their vehicle.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, IED digging, etc.).	Cultural Resources: Physical disturbance and strike
Field Training Exercise	Northern Land Navigation	FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, IED digging, etc.).	Cultural Resources: Physical disturbance and strike



- Legend**
- Military Range
 - Installation Area
 - Training Areas
 - Fleet Exercise



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.14 miles

0 0.0275 0.055 0.11 0.165 0.22 Miles
 0 0.0425 0.085 0.17 0.255 0.34 Kilometers



Training In Area
Military Training Type Field Training Exercise Maneuver (Convoy, Land Navigation)

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NBG Breacher House - NBG5

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, helicopter LZ touchdown traffic and potential vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Improvised Explosive Device Discovery		Land demolitions training is designed to develop and hone EOD detachment mission proficiency in location, excavation, identification, and neutralization of buried land mines. During the training, teams transit to the training site in trucks or other light wheeled vehicles. A search is conducted to locate inert (non-explosively filled) land mines or Improvised Explosive Devices (IEDs) and then designate the target for destruction.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, IED render safe digging, etc.).	Cultural Resources: Physical disturbance and strike
Direct Action (Breaching)		Breaching training is designed to provide experience in knocking down doors to enter a building or structure or destroying obstacles that could block access to vehicles or personnel.		Cultural Resources: None
Close Quarters Combat		Personnel use small unit tactics against an enemy to seize, damage, or destroy and/or capture or recover personnel or material.		Cultural Resources: None
Classroom training (breaching)				Cultural Resources: None
Maritime Security Operations (MSO)		Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via potential helicopter LZ touchdown traffic, etc.	Cultural Resources: Physical disturbance and strike
Combat Search and Rescue (CSAR)		Fixed-winged aircraft, helicopters and submarines use tactical procedures to rescue military personnel within a hostile area of operation	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.)	Cultural Resources: Physical disturbance and strike
Direct Action (Close Quarters Combat)		Personnel use small unit tactics against an enemy to seize, damage, or destroy and/or capture or recover personnel or material.		Cultural Resources: None
Field Training Exercise		FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces. The headquarters and staff elements may simultaneously participate in a CPX mode.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.)	Cultural Resources: Physical disturbance and strike
Helicopter Rope Suspension Training (HRST)		Helicopter Rope Suspension Training (HRST) is a collective term used for various techniques used for quickly deploying troops from a helicopter in locations where the helicopter itself is unable to touch down: Fast Rope uses a large diameter rope attached to the helicopter at one end and loose to the ground point of insertion. A thick rope is used so that the helicopter rotor blast does not blow it around. One simply holds onto the rope with their hands and feet and slides down. Several people can slide down the same rope almost simultaneously as long as enough room is provided for each person to get out of the way when they reach the ground so that the next person will not land on them. It is quicker than rappelling because the person is not attached to the rope. Rappelling is similar to the fast rope technique except that it uses a smaller diameter rope and the person wears a harness that is attached to the rope by a carabineer. It is safer than fast rope, but slower.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and potential vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

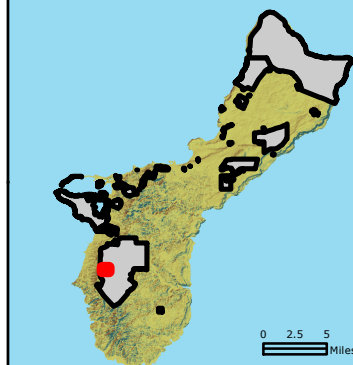
NBG Breacher House - NBG5

Training Activity	Location	Description	Mitigations	Stressors:
Sniper Training		Specialized small arms training specific to qualified personnel only.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, long gun munition impact damage, etc.).	Cultural Resources: Physical disturbance and strike

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JRM Military Training Location Breacher House

Section 106



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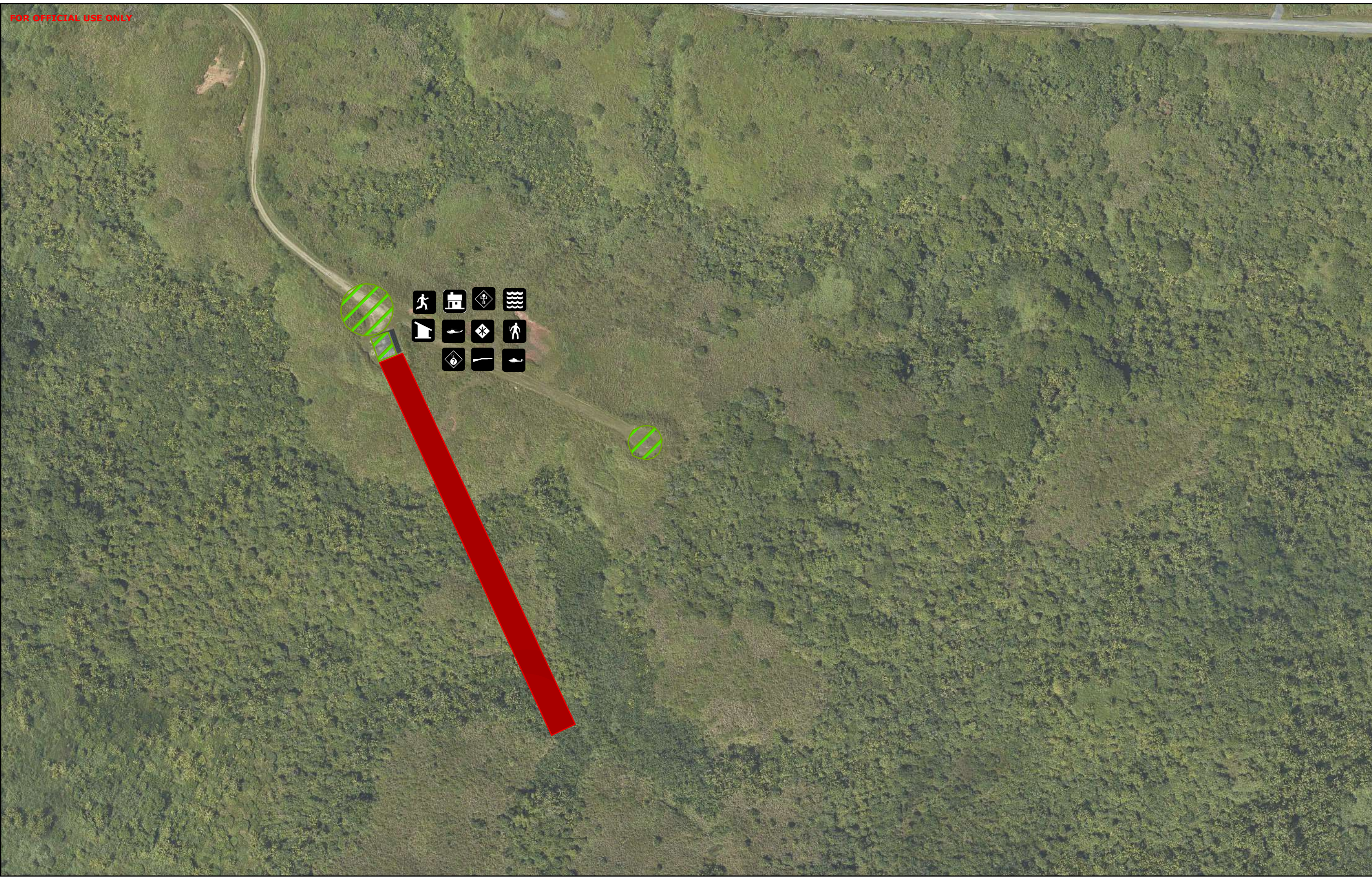
- Military Range
- Installation Area
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
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- Combat Search and Rescue
- Direct Action (Close Quarter Combat)
- Helicopter Rope Suspension Training
- Improvised Explosive Device Discovery
- Maritime Security Operations (MSO)
- Classroom Training (breaching)
- Direct Action (Breaching)
- Field Training Exercise
- Helicopter Touch and Go
- Insertion/Extraction
- Sniper Training

Training In Area

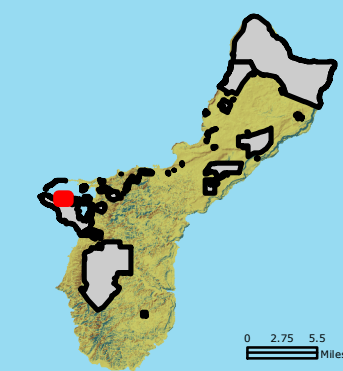
Military Training

Type

- Classroom Training (breaching)
- Direct Action (Breaching)
- Field Training Exercise
- Improvised Explosive Device Discovery
- Helicopter Touch and Go
- Insertion/Extraction
- Maritime Security Operations (MSO)
- Sniper Training

NBG GabGab and San Luis Beach- NBG6

Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Logistics Training				
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Security Activities (Civilian Port Defense)		Maritime security personnel train to protect civilian ports and harbors against enemy efforts to interfere with access to those ports. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, vehicle traffic and potetnial watercraft traffic, MRE rubbish accumulation, hasty fighting position entrenching, breaching charge damage, etc.).	Cultural Resources: Physical disturbance and strike
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None



Legend

- Military Range
- Training Areas
- Fleet Exercise



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PREPARED BY:
NAVFAC
Date: 8/17/2020

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Legend

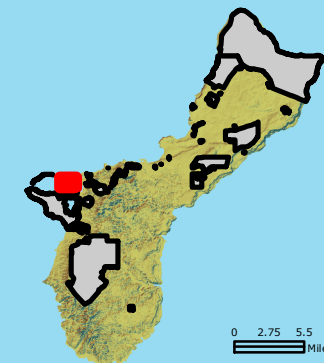
Military Training Type

- | | | | | | | | |
|---|------------------------------------|---|------------------------------|---|--------------------------------------|---|-------------------|
|  | Diving Training |  | Hydrographic Survey Training |  | Security Activities |  | Underwater Survey |
|  | Maritime Security Operations (MSO) |  | Small Boat Operations |  | Unmanned Underwater Vehicle Training | | |

NBG Reserve Craft Beach Expeditionary Landing NBG7				
Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.	No ground disturbance permitted on beach. If watercraft lands on shore, Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian watercraft and foot traffic, etc.).	Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Security Activities (Civilian Port Defense)		Maritime security personnel train to protect civilian ports and harbors against enemy efforts to interfere with access to those ports. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None
Amphibious Rehearsal, No Landing		Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious craft, landing craft ship, and task force aircraft in assault landing rehearsals. Assault craft form landing waves and approach shore without landing.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline) for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, etc.)	Cultural Resources: Physical disturbance and strike

NBG Reserve Craft Beach Expeditionary Landing NBG7

Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Assault		<p>Landing forces embarked in vessels, craft, or tilt-rotor and helicopters launch an attack from the sea onto a hostile shore. Amphibious assault is conducted for the purposes of prosecuting further combat operations, obtaining a site for an advanced naval or airbase, or denying the enemy use of an area.</p> <p>Unit-Level Training exercises involve one or more amphibious ships, and their associated watercraft and aircraft, to move personnel and equipment from ship to shore without the command and control and supporting elements involved in a full-scale event. The goal is to practice loading, unloading, and movement, and to develop the timing required for a full-scale exercise.</p>	<p>Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>
Amphibious Raid		<p>Small unit forces swiftly move from amphibious vessels at sea into hostile territory for a specific mission, including a planned withdrawal. Raids are conducted to inflict loss or damage, secure information, create a diversion, confuse the enemy, or capture or evacuate individuals or material. Amphibious raid forces are kept as small as possible to maximize stealth and speed of the operation.</p> <p>An event may employ assault amphibian vehicle units, small boats, combat swimmers, or small unit non-live-fire operations, including the use of blanks and simunitions. Surveillance or reconnaissance unmanned surface and aerial vehicles may be used during this event.</p> <p>Events are also conducted to train in the delivery of humanitarian assistance to remote locations or areas requiring assistance after natural disasters.</p>	<p>Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>
Humanitarian Assistance Operations/Disaster Relief Operations		<p>Military units provide humanitarian assistance and disaster relief in times of natural disaster. Ships, aircraft, and amphibious landing crafts could be expected to participate in this operation during day or night. The rapid movement of relief supplies and logistics from ships and a logistic "hub" during extreme conditions is practiced during this event.</p>	<p>Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>



Legend

- Military Range
- Training Areas
- Fleet Exercise



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.08 miles



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Date: 8/17/2020

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Authorized Training in Area

- | | | | | | |
|--------------------|----------------------|-----------------------------|------------------------------------|-----------------------|--------------------------------------|
| Amphibious Assault | Amphibious Rehearsal | Humanitarian Assistance | Maritime Security Operations (MSO) | Small Boat Operations | Unmanned Underwater Vehicle Training |
| Amphibious Raid | Diving Training | Hydrgraphic Survey Training | Security Activities | Underwater Survey | |

NBG Sumay Channel Cove- NBG8

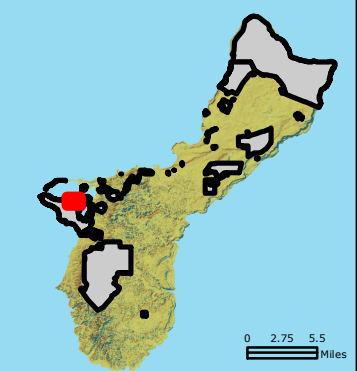
Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources:None
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources:None
Logistics Training				
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None

NBG Sumay Channel Cove- NBG8

Training Activity	Location	Description	Mitigations	Stressors:
Security Activities (Civilian Port Defense)		Maritime security personnel train to protect civilian ports and harbors against enemy efforts to interfere with access to those ports. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None

NBG Clipper Channel - NBG9

Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources:None
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources:None
Logistics Training				
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Security Activities (Civilian Port Defense)		Maritime security personnel train to protect civilian ports and harbors against enemy efforts to interfere with access to those ports. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.		Cultural Resources: Physical disturbance and strike
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None
Amphibious Vehicle Maneuvering		Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious craft, landing craft ship, and task force aircraft in assault landing rehearsals. Assault craft form landing waves and approach shore without landing.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, etc.)	Cultural Resources: Physical disturbance and strike
Insertion/extraction		Military personnel train for covert insertion and extraction into target areas using, small boats and submersibles. Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None

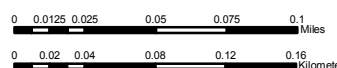


Legend

- Military Range
- Training Areas
- Fleet Exercise



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.07 miles



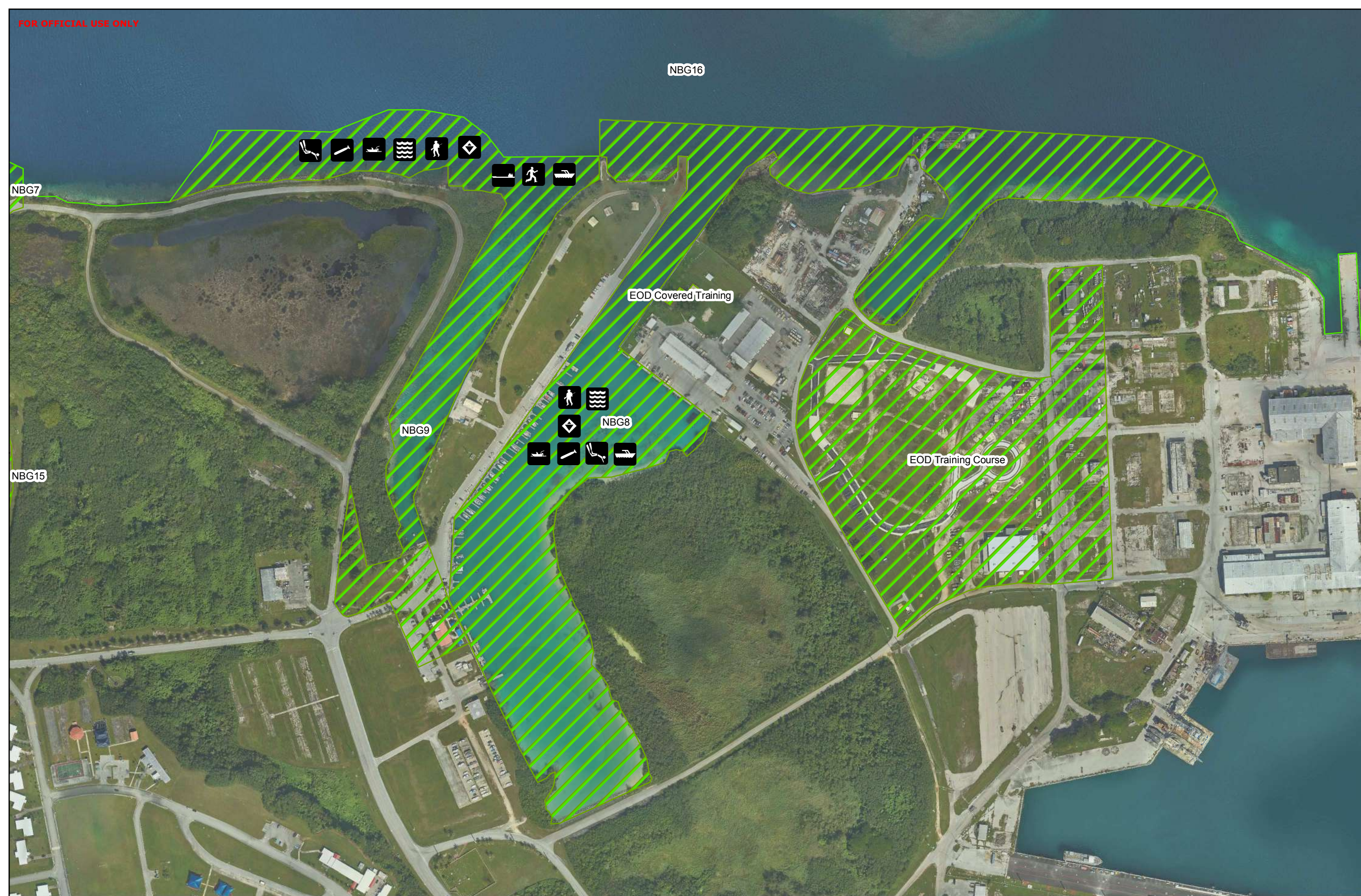
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Authorized Training in Area

Military Training

Type

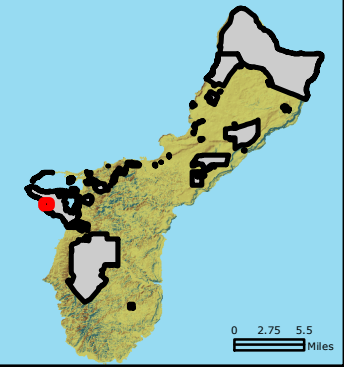
- | | | | | | | | | | |
|--|--------------------------------|--|------------------------------------|--|-----------------------|--|--------------------------------------|--|-------------------|
| | Amphibious Vehicle Maneuvering | | Diving Training | | Insertion/Extraction | | Security Activities | | Underwater Survey |
| | Hydrographic Survey Training | | Maritime Security Operations (MSO) | | Small Boat Operations | | Unmanned Underwater Vehicle Training | | |

NBG South Tipaloo - NBG10

Training Activity	Location	Description	Mitigations	Stressors:
Command/operation center (Expeditionary Command Post)		Command and Control		Cultural Resources: None
Bivouac		A temporary camp site or life support area.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, temporary tent placement digging or subsurface stake/pole insetrion, latrine digging, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Expeditionary Camp Lay Down		No Description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, temporary tent placement digging or subsurface stake/pole insetrion, latrine digging, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Truck Transport Maneuver Training		No Description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

JRM Military Training Location South Tipaloa Quarry


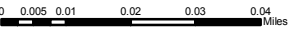

Section 106



Legend

- Military Range
- Installation Area
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.03 miles


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Date: 8/20/2020

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NBG1

Training In Area

Military Training Type

- Bivouac
- Cammand/Operations Center
- Expeditionary Camp Lay Down
- Truck Transport Maneuver

NBG Polaris Point Helipad - NBG11

Training Activity	Location	Description	Mitigations	Stressors:
Exercise Torpedo retrieval staging		Staging of equipment		Cultural Resources: None
Personnel Transport		Passenger Transfers		Cultural Resources: None
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.		Cultural Resources: None

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NBG Polaris Point Expeditionary Landing Beach - NBG12

Training Activity	Location	Description	Mitigations	Stressors:
Field Training Exercise		FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces. The headquarters and staff elements may simultaneously participate in a CPX mode.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Bivouac		A temporary camp site or life support area.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, temporary tent placement digging or subsurface stake/pole insetrion, latrine digging, MRE rubbish accumulation, hasty fighting position entrenching etc.)	Cultural Resources: Physical disturbance and strike
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None

NBG Polaris Point Expeditionary Landing Beach - NBG12

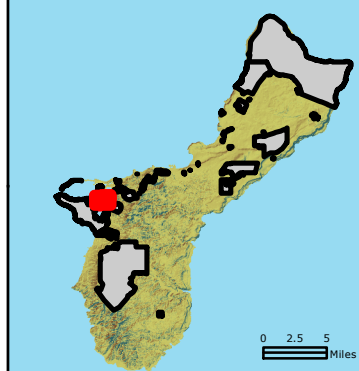
Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Rehearsal, No Landing		Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious craft, landing craft ship, and task force aircraft in assault landing rehearsals. Assault craft form landing waves and approach shore without landing.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline) for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, etc.)	Cultural Resources: Physical disturbance and strike
Anti-terrorism/ Force Protection		Force protection operations increase the physical security of military personnel in the region to reduce their vulnerability to attacks. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
EOD and Special Forces Training, shallow craft amphibious landing craft, i.e. Combat Rubber Raiding Craft (CRRC)		Combat personnel use Combat Rubber Raiding Craft (CRRC), Rigid Hull Inflatable Boats (RHIB), and other boats to approach a hostile area ashore from points at sea to perform an assigned task such as obtain intelligence, destroy an assigned target, or complete another objective. The goal of this exercise is to get the personnel to or from the beach.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, breach charge or blast radius damage, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None

NBG Polaris Point Expeditionary Landing Beach - NBG12

Training Activity	Location	Description	Mitigations	Stressors:
Swimmer Landing	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None

DRAFT

JRM Military Training Location
Polaris Point
Section 106



Legend

- Military Range
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
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Authorized Training in Area

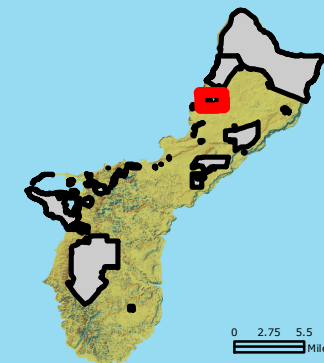
Amphibious Rehearsal	Bivouac	EOD and Special Forces Amphibious Training	Field Training Exercise	Exercise Torpedo Retrieval Staging	Helicopter Touch and Go	Maritime Security Operations (MSO)	Small Boat Operations
Anti-terrorism/ Force Protection	Diving Training	EOD and Special Forces Amphibious Training	Field Training Exercise	Exercise Torpedo Retrieval Staging	Helicopter Touch and Go	Maritime Security Operations (MSO)	Small Boat Operations
Amphibious Rehearsal	Bivouac	EOD and Special Forces Amphibious Training	Field Training Exercise	Exercise Torpedo Retrieval Staging	Helicopter Touch and Go	Maritime Security Operations (MSO)	Small Boat Operations
Amphibious Rehearsal	Bivouac	EOD and Special Forces Amphibious Training	Field Training Exercise	Exercise Torpedo Retrieval Staging	Helicopter Touch and Go	Maritime Security Operations (MSO)	Small Boat Operations

NBG - South Finegayan - NBG13

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and potential foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Field Training Exercise		FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces. The headquarters and staff elements may simultaneously participate in a CPX mode.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Embassy Reinforcement		Includes moving forces and building barriers; detection and assessment of threats; delay or denial of access of the adversary to the target; appropriate response to threats and attack; and mitigation of effects of attack. Embassy Reinforcement involves the rapid introduction of forces, and preparation for evacuation of noncombatants, and a planned withdrawal.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

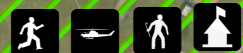
JRM Military Training Location Camp Blas South

Section 106



Legend

- Military Range
- Installation Area
- Training Areas
- Fleet Exercise



NBG 13



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.13 miles



Training Within Area

Military Training Type

- Embassy Reinforcement
- Field Training Exercise
- Helicopter Touch and Go
- Insertion/Extraction

PREPARED BY:



Date: 8/20/2020

Contact: NFM GeoReadiness Center: (671) 339-2935

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NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Field Training Exercise		FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces. The headquarters and staff elements may simultaneously participate in a CPX mode.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (Static Line)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (MFF)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Embassy Reinforcement		Special Warfare units train to provide reinforcement of an Embassy under hostile conditions.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, breaching and blast radius damage, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Maneuver (Convoy, Land Navigation)		Northern Land Navigation Area and Southern Land Navigation Area support teams on foot only, no convoy training. Personnel participate in land navigation and convoy training by practicing maneuvers to learn how to react if their vehicle comes under fire, hits a roadside bomb, or breaks down, and how to protect themselves if they are forced to abandon their vehicle. Field Training Exercise: An exercise where the battalion and its combat	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via foot traffic and vehicle traffic, MRE rubbish accumulation, potential IED render safe digging, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Urban Warfare Training		Patrols use advanced, offensive, close-quarters battle techniques to move through a hostile urban environment where noncombatants are or may be present and collateral damage must be kept to a minimum.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, breaching and blast radius damage, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Direct Action (Close Quarters Combat)		Personnel use small unit tactics against an enemy to seize, damage, or destroy and/or capture or recover personnel or material.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, breaching and blast radius damage, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: None
Combat Search and Rescue (CSAR)		Fixed-winged aircraft, helicopters and submarines use tactical procedures to rescue military personnel within a hostile area of operation	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Rope Suspension Training (HRST)		Helicopter Rope Suspension Training (HRST) is a collective term used for various techniques used for quickly deploying troops from a helicopter in locations where the helicopter itself is unable to touch down: Fast Rope uses a large diameter rope attached to the helicopter at one end and loose to the ground point of insertion. A thick rope is used so that the helicopter rotor blast does not blow it around. One simply holds onto the rope with their hands and feet and slides down. Several people can slide down the same rope almost simultaneously as long as enough room is provided for each person to get out of the way when they reach the ground so that the next person will not land on them. It is quicker than rappelling because the person is not attached to the rope. Rappelling is similar to the fast rope technique except that it uses a smaller diameter rope and the person wears a harness that is attached to the rope by a carabineer. It is safer than fast rope, but slower.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Bivouac		A temporary camp site or life support area.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, temporary tent placement digging or subsurface stake/pole insertion, latrine digging, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
MOU Training		Patrols use advanced, offensive, close-quarters battle techniques to move through a hostile urban environment where noncombatants are or may be present and collateral damage must be kept to a minimum.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via vehicle traffic and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, IED render safe digging, etc.).	Cultural Resources: Physical disturbance and strike
Anti-terrorism/ Force Protection		Force protection operations increase the physical security of military personnel in the region to reduce their vulnerability to attacks. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Intelligence, Surveillance, Reconnaissance (ISR)		Personnel conduct event to evaluate the battlefield, enemy forces, and gather intelligence. For training of assault forces, "red cell" units may be positioned ahead of the assault force and permitted a period of time to conduct surveillance and prepare defenses to the assaulting force.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Expeditionary Command Post		Command and Control		Cultural Resources: None

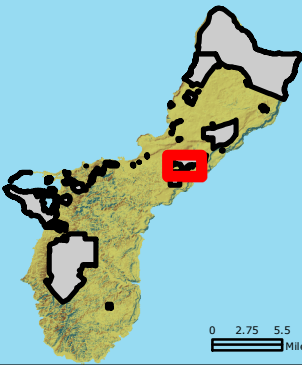
NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Simulated Munitions		Non-live fire		Cultural Resources: None

DRAFT

JRM Military Training Location Radio Barrigada


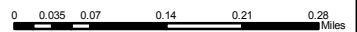

Section 106



Legend

- Military Range
- Installation Area
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.18 miles


PREPARED BY: NAVFAC

Date: 8/20/2020

Contact: NFM GeoReadiness Center: (671) 339-2935

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Training Within Area

Military Training

- | | | | | | | |
|----------------------------------|--------------------------------------|----------------------------|--|--|---------------------|---------------------------|
| Anti-terrorism/ Force Protection | Direct Action (Close Quarter Combat) | Field Training Exercise | Helicopter Rope Suspension Training | Helicopter Touch and Go | MOUT Training | Parachute Insertion (MFF) |
| Bivouac | Embassy Reinforcement | Expeditionary Command Post | Intelligence, Surveillance, Reconnaissance | Insertion/Extraction | Parachute Insertion | Simulated Munitions |
| Anti-terrorism/ Force Protection | Combat Search and Rescue | Expeditionary Command Post | Helicopter Touch and Go | Maneuver (Convoy, Land Navigation) | MOUT Training | Parachute Insertion (MFF) |
| Bivouac | Direct Action (Close Quarter Combat) | Field Training Exercise | Helicopter Touch and Go | Intelligence, Surveillance, Reconnaissance | Parachute Insertion | Urban Warfare Training |



NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Field Training Exercise		FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. A company or smaller-sized element of the Army Reserve, Guam Army National Guard, or Guam Air National Guard will typically accomplish FTX within the MIRC, due to the constrained environment for land forces. The headquarters and staff elements may simultaneously participate in a CPX mode.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (Static Line)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, breaching charge or blast radius damage, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (MFF)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Embassy Reinforcement		Special Warfare units train to provide reinforcement of an Embassy under hostile conditions.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, breaching charge or blast radius damage, hasty fighting position entrenching, etc.).	
Maneuver (Convoy, Land Navigation)		Northern Land Navigation Area and Southern Land Navigation Area support teams on foot only, no convoy training. Personnel participate in land navigation and convoy training by practicing maneuvers to learn how to react if their vehicle comes under fire, hits a roadside bomb, or breaks down, and how to protect themselves if they are forced to abandon their vehicle. Field Training Exercise: An exercise where the battalion and its combat	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, IED render safe digging, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Urban Warfare Training				
Direct Action (Close Quarters Combat) - "Kill House Orote Point Close Quarter Combat Facility (OPCQC)		Personnel use small unit tactics against an enemy to seize, damage, or destroy and/or capture or recover personnel or material.		Cultural Resources: None

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Combat Search and Rescue (CSAR)		Fixed-winged aircraft, helicopters and submarines use tactical procedures to rescue military personnel within a hostile area of operation	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and potetntial LZ touchdown traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Rope Suspension Training (HRST)		Helicopter Rope Suspension Training (HRST) is a collective term used for various techniques used for quickly deploying troops from a helicopter in locations where the helicopter itself is unable to touch down: Fast Rope uses a large diameter rope attached to the helicopter at one end and loose to the ground point of insertion. A thick rope is used so that the helicopter rotor blast does not blow it around. One simply holds onto the rope with their hands and feet and slides down. Several people can slide down the same rope almost simultaneously as long as enough room is provided for each person to get out of the way when they reach the ground so that the next person will not land on them. It is quicker than rappelling because the person is not attached to the rope. Rappelling is similar to the fast rope technique except that it uses a smaller diameter rope and the person wears a harness that is attached to the rope by a carabineer. It is safer than fast rope, but slower.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Touch and Go		Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Bivouac		A temporary camp site or life support area.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, temporary tent placement digging or subsurface stake/pole insetrion, latrine digging, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
MOUT Training		Patrols use advanced, offensive, close-quarters battle techniques to move through a hostile urban environment where noncombatants are or may be present and collateral damage must be kept to a minimum.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, IED render safe digging, hasty fighting position entrenching, etc.).	Physical disturbance and strike
Anti-terrorism/ Force Protection		Force protection operations increase the physical security of military personnel in the region to reduce their vulnerability to attacks. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

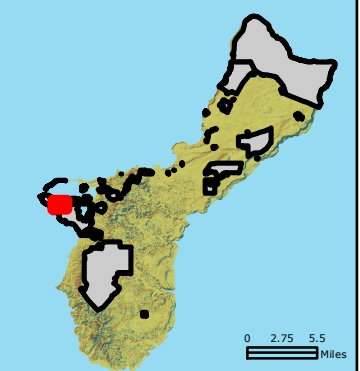
NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Intelligence, Surveillance, Reconnaissance (ISR)		Personnel conduct event to evaluate the battlefield, enemy forces, and gather intelligence. For training of assault forces, "red cell" units may be positioned ahead of the assault force and permitted a period of time to conduct surveillance and prepare defenses to the assaulting force.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Expeditionary Command Post		Command and Control		Cultural Resources: None
Simulated Munitions		Non-live fire		Cultural Resources: None
Motorcycle Safety Course		Safety training for motorcycle operators.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area ground surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic).	Cultural Resources: Physical disturbance and strike
Emergency Vehicle Driver Training		Safety training for emergency vehicle operators.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area ground surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic).	Cultural Resources: Physical disturbance and strike

NBG6

JRM Military Training Location Orote Point

Section 106



Legend

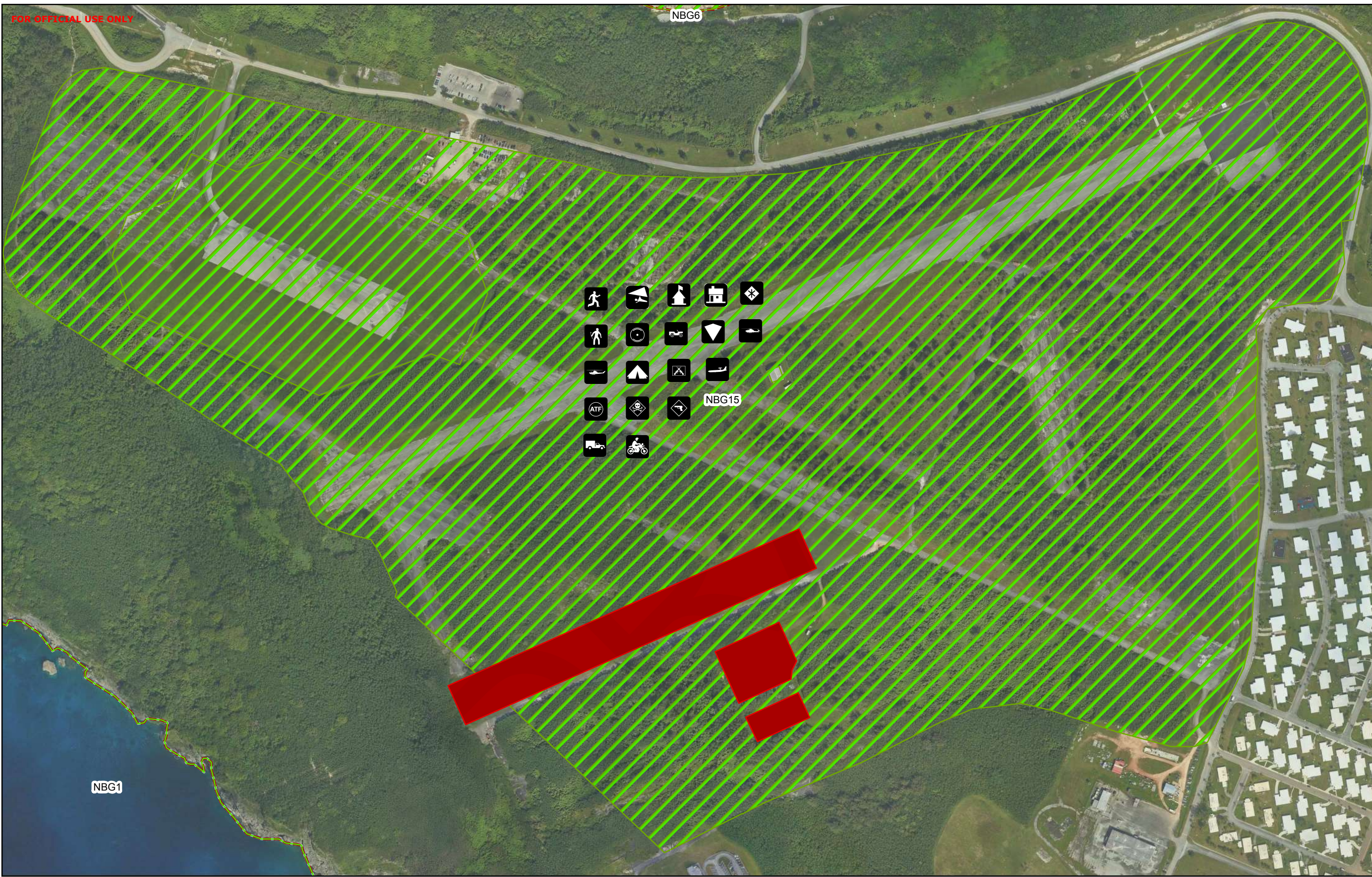
- Military Range
- Installation Area
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.07 miles



PREPARED BY:

 Date: 8/17/2020
 Contact: NFM GeoReadiness Center: (671) 339-2935
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NBG1

NBG15

Training Within Area

Military Training Type

- | | | | | | | | | | | | |
|----------------------------------|--------------------------------------|----------------------------|------------------------------------|-------------------------------------|-------------------------|--|--------------------------|---------------------------|---------------------------|------------------------|------------------------|
| Anti-terrorism/ Force Protection | Embassy Reinforcement | Field Training Exercise | Insertion/Extraction | Helicopter Rope Suspension Training | Helicopter Touch and Go | Intelligence, Surveillance, Reconnaissance | Motorcycle Safety Course | Parachute Insertion | Parachute Insertion (MFF) | Simulated Munitions | Urban Warfare Training |
| Bivouac | Direct Action (Close Quarter Combat) | Expeditionary Command Post | Maneuver (Convoy, Land Navigation) | Emergency Vehicle Driver Training | MOUT Training | MOUT Training | Parachute Insertion | Parachute Insertion (MFF) | Simulated Munitions | Urban Warfare Training | Urban Warfare Training |

NBG Outer Apra Harbor - NBG16

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction		Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Combat Search and Rescue (CSAR)		Fixed-winged aircraft, helicopters and submarines use tactical procedures to rescue military personnel within a hostile area of operation	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (Static Line)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG Outer Apra Harbor - NBG16

Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion (MFF)		Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via	Cultural Resources: Physical disturbance and strike
Anti-terrorism/ Force Protection		Force protection operations increase the physical security of military personnel in the region to reduce their vulnerability to attacks. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Intelligence, Surveillance, Reconnaissance (ISR)		Personnel conduct event to evaluate the battlefield, enemy forces, and gather intelligence. For training of assault forces, "red cell" units may be positioned ahead of the assault force and permitted a period of time to conduct surveillance and prepare defenses to the assaulting force.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic potential watercraft traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources:None

NBG Outer Apra Harbor - NBG16

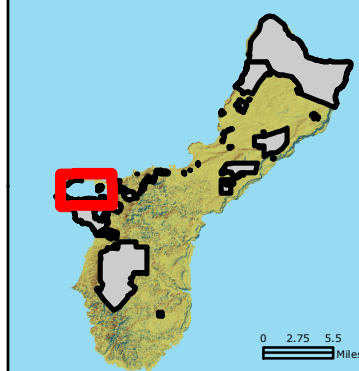
Training Activity	Location	Description	Mitigations	Stressors:
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.	Before remove underwater obstacles, confirm with CRM that they are not historic properties, or mitigate via historic/archaeological studies pre-exercise.	Cultural Resources:None
Hydrographic Survey Training (under water survey)	In-water	A survey of underwater terrain conditions nearshore and a report of findings to provide precise analysis for amphibious landings. Personnel perform methodical reconnoitering of beaches and surf conditions during the day and night to find and clear underwater obstacles and determine the feasibility of landing an amphibious force on a particular beach.		Cultural Resources: None
Maritime Security Operations (MSO)	In-water	Helicopter, surface ship, and small boat crews conduct a suite of maritime security operations at sea, to include visit, board, search and seizure, maritime interdiction operations, force protection, and anti-piracy operations.		Cultural Resources: None
Security Activities (Civilian Port Defense)		Maritime security personnel train to protect civilian ports and harbors against enemy efforts to interfere with access to those ports. Force protection training includes moving forces and building barriers, detection, and assessment of threats, delay, or denial of access of the adversary to their target, appropriate response to threats and attack, and mitigation of effects of attack.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and potential watercraft traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Unmanned Underwater Vehicle Training	In-water	Conduct unmanned underwater vehicle activities in support of tactical and theater requirements. Unmanned underwater vehicle activities involve training with unmanned platforms on which various sensors and payloads are attached and used for different purposes, such as mine warfare, bottom mapping, and other missions. Vehicles may be crew served or mechanically launched from ships and submarines.		Cultural Resources: None

NBG Outer Apra Harbor - NBG16

Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Vehicle Maneuvering		Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious craft, landing craft ship, and task force aircraft in assault landing rehearsals. Assault craft form landing waves and approach shore without landing.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, vehicle traffic and pedestrian foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None
Underwater detonations		Navy divers, typically use explosives to disable threat mines with small charges underwater.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via blow in place demolition charge blast radius)	Cultural Resources: Explosives; Physical disturbance and strike

NBG Outer Apra Harbor - NBG16

Training Activity	Location	Description	Mitigations	Stressors:
Limpet Mine Neutralization System		A metal sheet containing a non-explosive limpet mine is lowered into the water, sometimes from the side of a small vessel, such as an LCM- 8 craft. Navy Explosive Ordnance Divers place a single shock wave generator of Limpet Mine Neutralizing Systems on the mine that is located mid-water column, within water depths of 10 to 20 feet. A bag is placed over the mine to catch falling debris.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via Limpet Mine Neutralizing System blast radius)	Cultural Resources: Physical disturbance and strike
Mine Neutralization – Remotely Operated Vehicle Sonar		Ship, small boat, and helicopter crews utilize remotely operated vehicles to neutralize potential mines. Remotely operated vehicles will use sonar and optical systems to locate and target mine shapes. Explosive mine neutralizers may be used during live-fire events.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic and potential blast radius damage)	Cultural Resources: Explosives; Physical disturbance and strike
Mine Countermeasures – Towed Mine Neutralization		Helicopter, vehicle operators and unmanned vehicles use towed devices to trigger mines that are designed to detonate when they detect ships/submarines by engine/propeller sounds or magnetic (steel construction) signature. Towed devices can also employ cable cutters to detach floating moored mines. Training will be conducted either with non-explosive training mine shapes or without any mine shapes. A high degree of pilot skill is required in deploying devices, safely towing them at relatively low speeds and altitudes, and then recovering devices.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline) of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, in water tow activity, etc.).	Cultural Resources: Physical disturbance and strike



Legend

- █ Military Range
- Installation Area
- Training Areas
- Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.27 miles



PREPARED BY:
NAVFAC
 Date: 8/19/2020
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Training Within Area

Military Training Type	Combat Search and Rescue	Insertion/Extraction	Maritime Security Operations (MSO)	Parachute Insertion	Underwater Detonations
Amphibious Vehicle Maneuvering	Diving Training	Intelligence, Surveillance, Reconnaissance	Mine Countermeasures - Towed	Security Activities	Underwater Survey
Anti-terrorism/ Force Protection	Hydrographic Survey Training	Limpet Mine Neutralization System	Mine Neutralization- Remotely Operated Vehicle	Small Boat Operations	Unmanned Underwater Vehicle Training

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NBG Piti Floating Mine Neutralization Site - NBG17

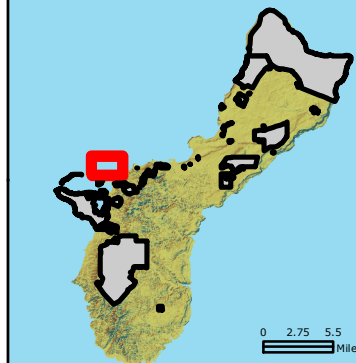
Training Activity	Location	Description	Mitigations	Stressors:
Underwater detonations		Navy divers, typically use explosives to disable threat mines with small charges underwater.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via demolition charge blast radius)	Cultural Resources: Explosives; Physical disturbance and strike
Limpet Mine Neutralization System		A metal sheet containing a non-explosive limpet mine is lowered into the water, sometimes from the side of a small vessel, such as an LCM- 8 craft. Navy Explosive Ordnance Divers place a single shock wave generator of Limpet Mine Neutralizing Systems on the mine that is located mid-water column, within water depths of 10 to 20 feet. A bag is placed over the mine to catch falling debris.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via Limpet Mine Neutralizing System blast radius)	Cultural Resources: Physical disturbance and strike
Mine Neutralization – Remotely Operated Vehicle Sonar		Ship, small boat, and helicopter crews utilize remotely operated vehicles to neutralize potential mines. Remotely operated vehicles will use sonar and optical systems to locate and target mine shapes. Explosive mine neutralizers may be used during live-fire events.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic and potential blast radius damage)	Cultural Resources: Explosives; Physical disturbance and strike
Mine Countermeasures – Towed Mine Neutralization		Helicopter, vehicle operators and unmanned vehicles use towed devices to trigger mines that are designed to detonate when they detect ships/submarines by engine/propeller sounds or magnetic (steel construction) signature. Towed devices can also employ cable cutters to detach floating moored mines. Training will be conducted either with non-explosive training mine shapes or without any mine shapes. A high degree of pilot skill is required in deploying devices, safely towing them at relatively low speeds and altitudes, and then recovering devices.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline) of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic, in water tow activity, etc.).	Cultural Resources: Physical disturbance and strike







JRM Military Training Location

Piti Floating Mine


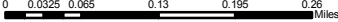

Section 106



Legend

-  Military Range
-  Installation Area
-  Training Areas
-  Fleet Exercise

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.16 miles


PREPARED BY:
NAVFAC

Date: 8/19/2020

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Training In Area

Military Training

Type



Limpet Mine Neutralization System



Mine Countermeasures - Towed



Mine Neutralization- Remotely Operated Vehicle



Underwater Detonations

NBG Agat Bay Mine Neutralization Site - NBG18

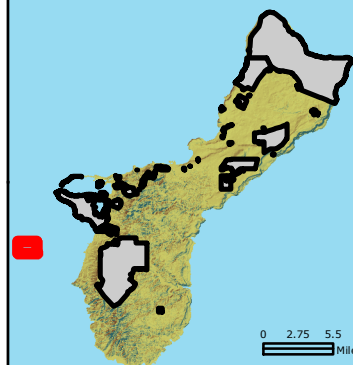
Training Activity	Location	Description	Mitigations	Stressors:
Underwater detonations		Navy divers, typically use explosives to disable threat mines with small charges underwater.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via demolition charge blast radius)	Cultural Resources: Explosives; Physical disturbance and strike
Limpet Mine Neutralization System		A metal sheet containing a non-explosive limpet mine is lowered into the water, sometimes from the side of a small vessel, such as an LCM- 8 craft. Navy Explosive Ordnance Divers place a single shock wave generator of Limpet Mine Neutralizing Systems on the mine that is located mid-water column, within water depths of 10 to 20 feet. A bag is placed over the mine to catch falling debris.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via Limpet Mine Neutralizing System blast radius)	Cultural Resources: Physical disturbance and strike
Mine Neutralization – Remotely Operated Vehicle Sonar		Ship, small boat, and helicopter crews utilize remotely operated vehicles to neutralize potential mines. Remotely operated vehicles will use sonar and optical systems to locate and target mine shapes. Explosive mine neutralizers may be used during live-fire events.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline)of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via watercraft traffic and potential blast radius damage)	Cultural Resources: Explosives; Physical disturbance and strike

Mine Countermeasures – Towed Mine Neutralization		Helicopter, vehicle operators and unmanned vehicles use towed devices to trigger mines that are designed to detonate when they detect ships/submarines by engine/propeller sounds or magnetic (steel construction) signature. Towed devices can also employ cable cutters to detach floating moored mines. Training will be conducted either with non-explosive training mine shapes or without any mine shapes. A high degree of pilot skill is required in deploying devices, safely towing them at relatively low speeds and altitudes, and then recovering devices.		Cultural Resources: none
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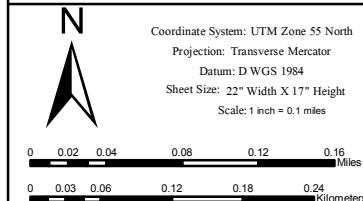
JRM Military Training Location Piti Floating Mine

Section 106



Legend

- Military Range
- Installation Area
- Training Areas
- Fleet Exercise



Training In Area

Military Training

Type

- Limpet Mine Neutralization System
- Mine Countermeasures - Towed
- Mine Neutralization- Remotely Operated Vehicle
- Underwater Detonations

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Date: 8/19/2020

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NBG EOD Campus Training Site - NBG19

Training Activity	Location	Description	Mitigations	Stressors:
Urban Warfare Training	Land	Patrols use advanced, offensive, close-quarters battle techniques to move through a hostile urban environment where noncombatants are or may be present and collateral damage must be kept to a minimum.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, blast radius damage, MRE rubbish accumulation, breaching charge or blast radius damage, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Rope Suspension Training (HRST)		<p>Helicopter Rope Suspension Training (HRST) is a collective term used for various techniques used for quickly deploying troops from a helicopter in locations where the helicopter itself is unable to touch down:</p> <p>Fast Rope uses a large diameter rope attached to the helicopter at one end and loose to the ground point of insertion. A thick rope is used so that the helicopter rotor blast does not blow it around. One simply holds onto the rope with their hands and feet and slides down. Several people can slide down the same rope almost simultaneously as long as enough room is provided for each person to get out of the way when they reach the ground so that the next person will not land on them. It is quicker than rappelling because the person is not attached to the rope.</p> <p>Rappelling is similar to the fast rope technique except that it uses a smaller diameter rope and the person wears a harness that is attached to the rope by a carabineer. It is safer than fast rope, but slower.</p>	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

NBG EOD Campus Training Site - NBG19

Training Activity	Location	Description	Mitigations	Stressors:
Land Demolitions (Improvised Explosive Device Discovery/Disposal)	Land Range certified range	EOD personnel use explosive charges to destroy land mines, explosive devices, such as improvised explosive devices, bombs, structures, or other items as required.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of training area terrestrial ground surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, breaching charge or blast radius damage, IED render safe digging, hasty fighting position entrenching, etc.).	Cultural Resources: Explosives; Physical disturbance and strike
Direct Action (Close Quarters Combat)	Land	Personnel use small unit tactics against an enemy to seize, damage, or destroy and/or capture or recover personnel or material.		Cultural Resources: None
Personnel Insertion/Extraction	Land/in-water	Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and equipment day or night. Tactics and techniques employed include insertion from aircraft by parachute, by rope, or from low, slow-flying helicopters from which personnel jump into the water. Parachute training is required to be conducted on surveyed drop zones to enhance safety. Insertion and extraction methods also employ small inflatable boats.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, vehicle traffic and watercraft traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike

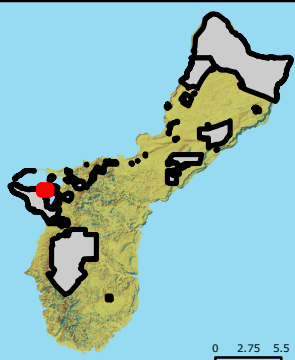
NBG EOD Campus Training Site - NBG19

Training Activity	Location	Description	Mitigations	Stressors:
Combat Search and Rescue (CSAR)	In-water	Fixed-winged aircraft, helicopters and submarines use tactical procedures to rescue military personnel within a hostile area of operation	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), and training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, vehicle traffic and watercraft traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Small Boat Operations	In-Water	For this activity, one or two small boats or personal watercraft conduct attack activities on units afloat, training ship crews how to respond to small boat attack in harbors, restricted channels, and nearshore areas using non-lethal means or armament appropriate to the threat and location.		Cultural Resources: None
Logistics Training	Land			

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JRM Military Training Location NBG 19

Section 106



0 2.75 5.5 Miles

- Legend**
- Military Range
 - Training Areas
 - Fleet Exercise
 - Installation Area



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.04 miles

0 0.0075 0.015 0.03 0.045 0.06 Miles










0 0.01 0.02 0.04 0.06 0.08 Kilometers



Training Within Area

Military Training

Type

- | | | |
|--|---|---|
|  Combat Search and Rescue |  Diving Training |  Land Demolitions (IED Discovery/Disposal) |
|  Direct Action (Close Quarter Combat) |  Helicopter Rope Suspension Training |  Small Boat Operations |
|  Insertion/Extraction |  Insertion/Extraction |  Urban Warfare Training |

PREPARED BY:



Date: 9/23/2020

Contact: NFM GeoReadiness Center: (671) 339-2935

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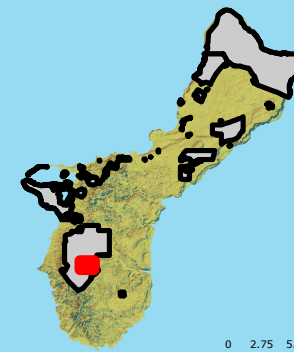
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NBG Munitions Site EOD Emergency Demolition Range - NBG20





Training Activity	Location	Description	Mitigations	Stressors:
Land Demolitions (Improvised Explosive Device Discovery/Disposal)	Land Range - certified range	EOD personnel use explosive charges to destroy land mines, explosive devices, such as improvised explosive devices, bombs, structures, or other items as required.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of training area terrestrial ground surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, blast radius damage, IED render safe digging, hasty fighting position entrenching, etc.).	Cultural Resources: Explosives; Physical disturbance and strike
Land Demolitions (Unexploded Ordnance) Discovery/Disposal	Land Range - certified range	EOD personnel use explosive charges to destroy land mines, explosive devices, such as improvised explosive devices, bombs, structures, or other items as required.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of training area terrestrial ground surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic and vehicle traffic, MRE rubbish accumulation, blast radius damage, IED render safe digging, hasty fighting position entrenching, etc.).	Cultural Resources: Explosives; Physical disturbance and strike

JRM Military Training Location NBG 20

Section 106

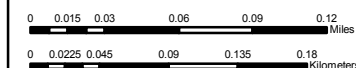


Legend

-  Military Range
-  Training Areas
-  Fleet Exercise
-  Installation Area





Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.08 miles



Training Within Area

Military Training Type

-  Land Demolitions (IED Discovery/Disposal)
-  Land Demolitions (UXO Discovery/Disposal)

PREPARED BY: NAVFAC

Date: 9/23/2020

Contact: NFM GeoReadiness Center: (671) 339-2935

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Andersen Air Force Base
Training Activity Maps, Mitigations, and Descriptions

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
Red Horse Squadron (?), U.S. Services (during Cope North)	Land Range-Certified Range	Airfield Damage Recovery (ADR)/RDR(?) teams will repair craters and spalls created by Silver Flag cadre using the heavy equipment, flowable fill and rapid set materials.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Explosives; Possible vehicle traffic offroad?	PRTC 1&2, 3&4
Red Horse Squadron (?), U.S. Services (during Cope North)	Land Range-Certified Range	RDA teams will assess the airfield for damage and UXO's using ADAT teams and/or the RADAS family of systems (currently just UAV's).	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, potential hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Not clear what the activity entails	PRTC 1&2, 3&4
Red Horse Squadron (?), U.S. Services (during Cope North)	Land Range-Certified Range	REHM teams will clear exercise UXO's from the airfield using most current/approved TTP's/CONOPs. Currently utilizing front end loaders and simulated blow and go methods.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Not clear what the activity entails	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Dismounted small unit tactics (Urban Warfare)	Land Range-Certified Range	Training would consist of squads of 10 12 trainees performing dismounted MOUT, supported task include Dismounted Movement in an Urban Environment, movement around building and force on force battle drills using SIMrounds blanks. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment	Paint splatters, brass/casing, minor explosions; heavy foot traffic	PRTC 1&2, 3&4
644 CBCS Convoy Training	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven off road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None	PRTC 1&2, 3&4
644 CBCS Counter Improvised Explosive Device (IED) Training	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven off road. Training would occur during both day and night. Training task supported include identifying characteristics of an IED, reacting to an IED, report and IED and ID sign of an IED. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: Will IEDs/components be buried?	PRTC 1&2, 3&4
644 CBCS Land Navigation	Land Range-Certified Range	Training will consist of groups of 2-3 trainee walking through jungle using Map, Compass and military GPS to practice land Navigation. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Potential traffic through arch sites?	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Small Unit Maneuver	Land Range-Certified Range	Training would consist of squad size element of 10-12 personnel moving through the jungle. Task supported include Tactical Movement Principles, Individual Movement Techniques, Fire Team Movement Formations, and dismounted battle drills such as react to contact, assault through contact and break contact This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Traffic through arch sites, heavy foot traffic?	PRTC 1&2, 3&4
644 CBCS Convoy Training	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven of road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None	PRTC 1&2, 3&4
36 CRSS SERE Field Training	Land Range-Certified Range	Training would include shelter craft, fire craft, navigation, food preparation and signaling.	Ground disturbance prohibited; Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.)	Too much potential to disturb features, ground	PRTC 1&2, 3&4
644 CBCS Tactical Vehicle Operations	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven of road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	Seeking More Info: Why will vehicle traffic cause minimal disturbance (described in original spreadsheet) to terrain none occurs off road?	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS UXO Training	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven of road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Not clear that the training described in the original spreadsheet is the training intended- copy/paste error?	PRTC 1&2, 3&4
644 CBCS Convoy Operations	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven of road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	Paint splatters, minor explosions; heavy foot traffic	PRTC 1&2, 3&4
644 CBCS Vehicle Navigation	Land Range-Certified Range	Training would consist of 2-6 tactical vehicles operating on convoy route no vehicle would be driven of road. Training would occur during both day and night. Training task supported include Convoy execution, individual and crew battle drills such as rolling stop, downed driver/gunner, security responsibilities, react to contact and hasty veh recover. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None	PRTC 1&2, 3&4
644 CBCS Foot Navigation	Land Range-Certified Range	Training will consist of groups of 2-3 trainee walking through jungle using Map, Compass and military GPS to practice land Navigation. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.)	Possible traffic through arch sites	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Duty Section/Field Setup/Bivouac	Land Range-Certified Range	Training would consist of 30 to 60 personnel setting up a bare base. Task would involve setup of tents and life support equipment. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via temporary bivoauc set up of stake/pole digging, latrine digging, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.)	Ground disturbance, heavy foot traffic	PRTC 1&2, 3&4
644 CBCS Site defense/Planning and Execution	Land Range-Certified Range	Training would consist of 30 to 60 personnel setting up a bare base. Task would involve setup of tents and life support equipment. Task would also involve the setup of lighting equipment, Defense Fighting position and C-Wire. The team will then defend the base using SIM rounds, blanks, GBS and smoke in force on forcer battles. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via detonation blast radius, hasty fighting position entrenching, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Would vehicle traffic be off road? Ground disturbance, has to avoid arc sites; explosions? Brass/casing	PRTC 1&2, 3&4
644 CBCS Small Unit Tactics	Land Range-Certified Range	Training consist of squad size element of 10-12 personnel moving through the jungle. Task supported include Tactical Movement Principles, Individual Movement Techniques, Fire Team Movement Formations, and dismounted battle drills such as react to contact, assault through contact and break contact This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via detonation blast radius, hasty fighting position entrenching, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Off road vehicles? Paint splatter; heavy foot traffic	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Tactical Combat Casualty Care	Land Range-Certified Range	Training consist of force on force battles using SIM rounds, blanks, GBS and smoke. Training is geared towards treating common battlefield injuries while under fire. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Paint splatter; brass/casing	PRTC 1&2, 3&4
644 CBCS CASEVAC/MEDEVAC	Air/Land Range-Certified Range	Training consist of force on force battles using SIM rounds, blanks, GBS and smoke. Training is geared towards MEDEVAC, CASEVAC which involves transferring patient to a helo and hoist ops with a litter. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Burning (flares); helo landing; heavy foot traffic; brass/casing	PRTC 1&2, 3&4
644 CBCS Tactical Radio set-up and operation	Land Range-Certified Range	Training consist of setting up HF, VHF, UHF and TACSAT Radios and attached antenna mast to a maximum height of 50 ft. Team will also setup a generator to power the radio equipment This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via ground disturbance, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Traffic. Disturbance to terrain. Will vehicle traffic be off-road?	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Theater Deployable Communications set up and operation	Land Range-Certified Range	Training consist of setup and operation of Tactical SATCOM, NIPR and SIPR systems along with various other communication platforms in support of units assigned UTC equipment ISO INDOPACOM theater	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via ground disturbance, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Traffic. Disturbance to terrain. Will vehicle traffic be off-road?	PRTC 1&2, 3&4
644 CBCS Field CE set up and operation	Land Range-Certified Range	Training consist in the setup an ops of tactical CE equipment including 10K generators and tactical HVAC units. The training also consist of installing grounding rods. This will suport both CBCS UTC assigned COMM equipment and the life support training required for DRAGON FORGE FTX as part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via ground disturbance, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Traffic. Disturbance to terrain. Will vehicle traffic be off-road? Will grounding rod-installation involve ground disturbance (yes)	PRTC 1&2, 3&4
644 CBCS Helo/Sling Load Ops	Air/Land Range-Certified Range	Training consist of Air Assault qualified Amn practicing sling load of equipment in support of potential ACE and HADR deployments	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Will helo land? Will any heavy materials to be slingloaded	PRTC 1&2, 3&4

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
644 CBCS Helo Insertion/Exertion	Air/Land Range-Certified Range	Training consist of training with live fly helo including HLZ, infill and exfill ISO of ACE and HADR	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via foot traffic, MRE rubbish accumulation, etc.).	None if loading/unloading occurs on hard surface	PRTC 1&2, 3&4
644 CBCS Day to Day Operations	Land	Full time squadron ops within gated compound and associated buildings. Maintaining and troubleshooting assigned UTC equipment and vehicles. Palletizing of theatre deployed equipment in response to contingencies in the Indo-PACOM theatre. This area supports PACAF's only Field craft Hostile training course	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None if regular vehicle/loading/foot traffic occurs on built surfaces	PRTC 1&2, 3&4
644 CBCS Small Arms Training	Land Range-Certified Range	Training consists of live fire proficiency on units assigned weapon system including M9 and M4. Live Fire proficiency training requests a known distance e range of 7 meters to 400 meters.	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	Stray projectiles, concern is minimal within range	PRTC 1&2, 3&4
PAR Training	?	No description	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None: area is disturbed/developed	AAFB 6&7
Tactical Combat Casualty Card (TCCC)	Land	Training of first aid procedures and response. Both practical and classroom setting. May require brushing/scraping of less than 2 inches of topsoil using a shovel in established areas at NWF to simulate combat field conditions.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Map contains Pati point location: possibly a concern	PRTC 1&2
Emergency Management System (EMS)	Land	Administrative review of EMS procedures and inspections of various sites. No effect to the environment.	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads	None: area is disturbed/developed	AAFB 6

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
Self Aid Buddy Care (SABC)	Land/Water?	Training of first aid procedures and response to illnesses (for example heat stroke). No effect to the environment.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Map contains Pati point location: possibly a concern	AAFB 4, 1,2,&6
EOD Explosives Proficiency	Land Range-Certified Range	Silver Flag Site- We do not currently conduct explosive proficiency training. Any explosive operations are done with 36 EOD on main side.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Explosives?	EOD EES
EOD Land Navigation	Land Range-Certified Range	Silver Flag Site- Land Nav is conducted on preexisting trails/terrain.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Traffic? Concerns will be mitigated by keeping within range	EOD EES

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
EOD Small Team Tactics	Land Range- Certified Range	Silver Flag Site- Small Team Tactics consist of boots on ground, traversing preexisting roads/trails.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Traffic? Trampling? Concerns will be mitigated by keeping within range	EOD EES
EOD Vehicle Access	Land Range- Certified Range	Silver Flag Site- Vehicles are driven on preexisting roads.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Any off road traffic? Concerns will be mitigated by keeping within range	EOD EES
EOD CBRNE Ordnance/IED Scenarios	Land Range- Certified Range	Silver Flag Site- IEDs are placed above ground and not subsurface. Training ordnance is used so there are no actual explosives.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Explosives? Ground disturbance to hide IEDs? Concerns will be mitigated by keeping within range	EOD EES
CEF Aircraft Rescue/structural	Land/Air	No description	Mitigated by use of Range/Urban Environment;	Aircraft landings/involvement with structures? Concerns should be mitigated by keeping within Fire Training Area	FD Airfield

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
CEF Live fire	Land	No description	Mitigated by use of Range/Urban Environment;	Seeking more info: Projectiles? Concerns should be mitigated by keeping within Fire Training Area	FD Airfield
CEF Joint Paratrooper	Land/Air	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: People landing off course? Concerns should be mitigated by keeping within Fire Training Area	FD Airfield
CEF Helo Wildland Ops	Land/Air	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via potential foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: Aircraft landings? Traffic through wilderness areas? Concerns should be mitigated by keeping within Fire Training Area, but not clear if this is intended	FD Airfield
CEX CBRN Defense	?	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via potential foot traffic, MRE rubbish accumulation, etc.).	Not enough info is provided	AAFB 12 & 13
CEX Wing Emergency Management	?	No description	Mitigated by use of Range/Urban Environment	Not enough info is provided	AAFB 12 & 13

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
CEX Squadron Contingency Skill Training	?	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Not enough info is provided	AAFB 12 & 13
736 SFS Mounted Operations	Land	Convoy of 3-5 HMMWVs using road. OPFOR staged 10-50 meters in the jungle. Convoy will dismount and sweep through OPFOR's position. Prop IEDs are also placed along route to train students' response. Blank ammunition used.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via IED render safe digging, detonation blast radius, hasty fighting position entrenching, heavy foot traffic and vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: foot traffic; ground disturbance for IEDs?; any effects from blank ammo? Brass/casing; Area may be unsurveyed	PRTC 5
736 SFS Dismounted Operations	Land	patrol of individuals moving off-road through the jungle. Will encounter OPFOR and sweep through their position. Blank ammunition used.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: Foot traffic/trampling? Effects from blanks? Brass/casing, Trampling	PRTC 5

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
736 SFS Urban Operations	Land	Close quarters combat training in mock-village. Simunitions used.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: Are any buildings at risk? Damage from sim rounds, Brass/casing; trampling etc?	PRTC 1&2
736 SFS Cumulative Training Exercises	Land	Trainees defend base, from which they may conduct a mounted or dismounted operation. Blank ammunition used.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: Off road vehicle traffic? Foot traffic/trampling? Damage from sim rounds? Brass/casing; Area may be unsurveyed	PRTC 5
736 SFS MWD Detection	Land	training aids placed along trails to train dogs in odor detection.	Mitigated by use of Range/Urban Environment; Vehicles will be driven on roads; No ground disturbance	Seeking more info: Dogs controlled to prevent digging; no ground disturbance during placement of aids	PRTC 1&2
736 SFS Obstacle Course	Land	individuals will navigate the obstacle course built closely to the dirt road.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic, MRE rubbish accumulation, etc.).	What will obstacle course consist of and how will it be built? I.e. mud pits? Ground disturbance; heavy repetative traffic?	PRTC 1&2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
736 SFS Land Navigation	Land	Using a map and compass navigate through the jungle, finding various points.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic, MRE rubbish accumulation, etc.).	Traffic on sites	PRTC 5
736 SFS Weapons Qualification	Land Range-Certified Range	Firing small arms/light weapons on the range	Mitigated by use of Range; No ground disturbance	Stray projectiles, concern is minimal within range	36 SFS Firing Range
36 SFS Sustainment Firing	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Apply Concepts and Principles of Use of Force	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Apply Deadly Force	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Shoot Move and Communicate Individual Skill	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Shoot Move and Communicate Tactical Team	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Shoot Move and Communicate Live Fire	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Weapons Employment Fundamentals	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Firearms Coaching Procedures	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Vehicle Dynamics and Accident Avoidance	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via vehicle traffic and potential foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Perform Casualty & Medical Care	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Building and Repository Checks	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS General Law and Order Operations	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Introduction to Court Testimony	Land	No description	N/A	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Traffic Management	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via vehicle traffic and potential foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Searches (Area, Building)	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Perform Response Forces Duties	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Specialized Response Forces	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Use and React to Visual Signalling Technique	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Use Sign, Countersign, and Emergency Response Codes	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Use Noise, Light and Litter Discipline	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Use Cover and Concealment	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Perform Individual Tactics	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Operate Communications Systems	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Move as a Member of a Fire Team	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Lead Fire Team Movements	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Perform M4 (A1) and M9 or M18 Stress Drills with Dye Marking Cartridges	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Employ Fire and Manoeuvre Techniques	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Use Lensatic Compass and Global Positioning System Device	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Use Topographical Maps	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Determine Location by Terrain Association	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Conduct Land Navigation	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Mounted and Convoy Tactics	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via vehicle traffic and potential foot traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Lead and/or Participate in Ambushes	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via hast fighting position entrenching, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

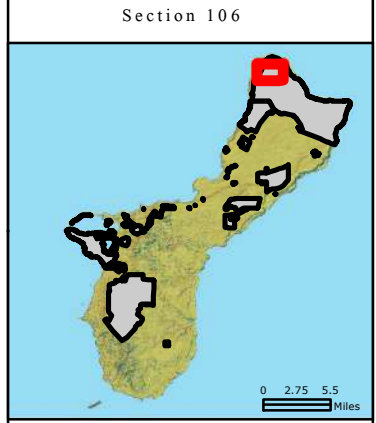
AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS React to Fire, Ambushed, and Indirect Fire	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via hasty fighting position entrenching, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Perform Delay, Withdrawal, and Retrograde Operations	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Incorporate Threat Weapons Types and Capabilities, Counter Threats, and Threat Spectrum into Operations	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Carbine Air Force Qualification Course	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, munition impact damage, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Handgun Air Force Qualification Course	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via munitions impact damage, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Introduction to Crowds and Crowd Behavior	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

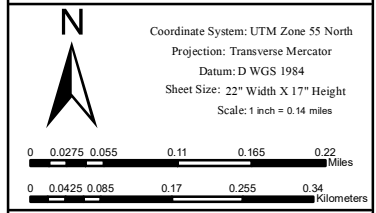
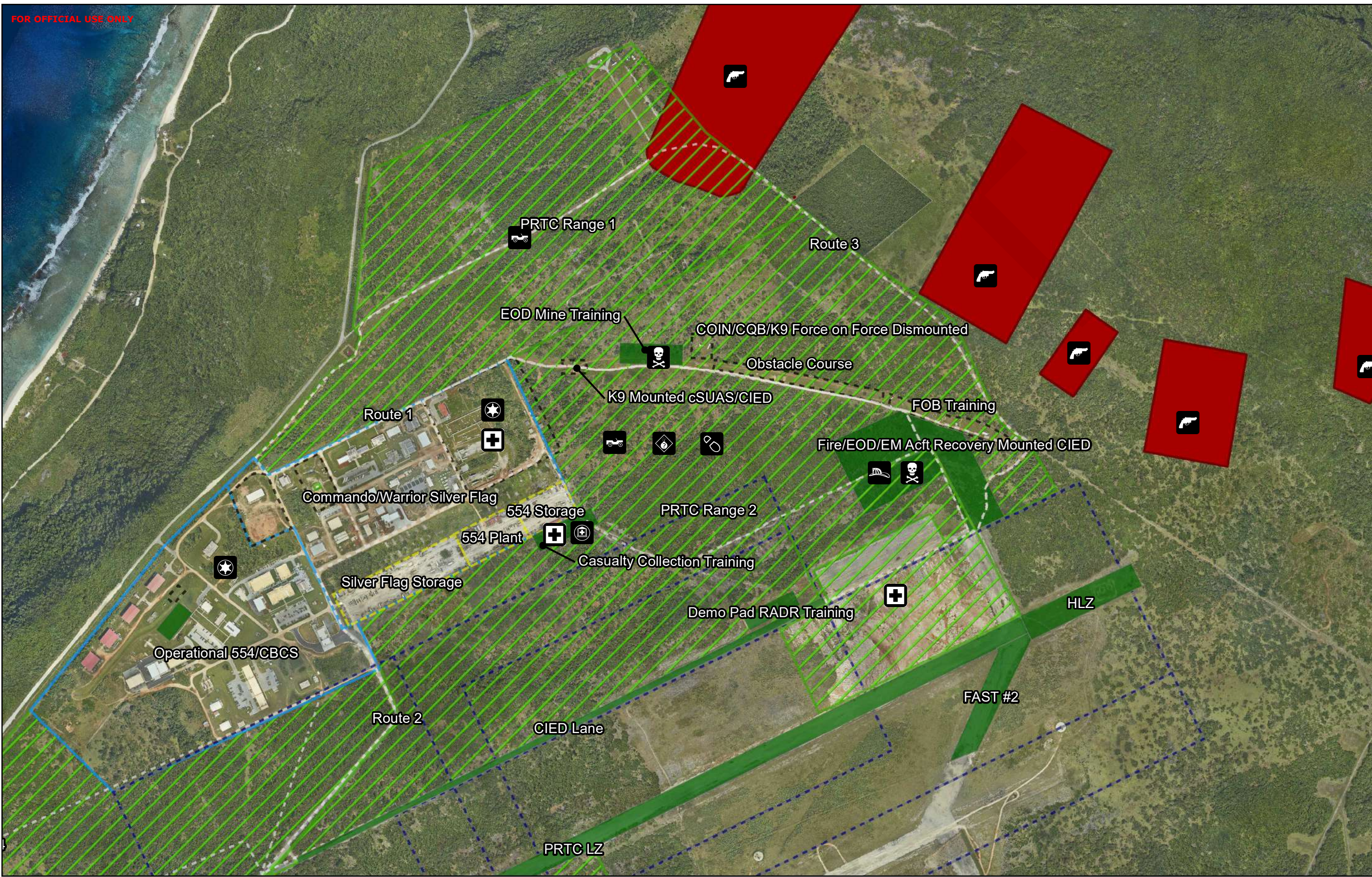
AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS Use of a Riot Baton	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS Riot Control Formations and Positioning	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS M240B Machine Gun	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via munition impact, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

AAFB Training Sites					
Training Activity	Location	Description	Mitigations	Stressors	Map
36 SFS M870 Modular Combat Shotgun	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via munition impact, heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2
36 SFS M24 Rifle Nomenclature and Characteristics	Land	No description	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the training area surface for any extant cultural resources post-exercise, and potential damage to known historic properties within the APE. Methods associated with the reconnaissance level survey include pedestrian survey inspection, photographic documentation of any identified extant cultural resources, and/or potential damage of known historic properties, paper documentation of newly identified cultural resources, and condition damage assessment documentation of known historic properties (i.e. damage via heavy foot traffic and potential vehicle traffic, MRE rubbish accumulation, etc.).	Seeking more info: projectile and possible heavy foot traffic	AAFB 14, EOD, & PRTC 1 &2

***Note, All historic property and training impact assessments to be performed will be conducted on a periodic basis.**



- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Staging Facility
 - Permanent Facility/Mock Up
 - Specific Training Area
 - Military Range



PREPARED BY:
NAVFAC
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Training in Area

Military Training

Type

Dismounted Small Unit Tactics

EMS Training

EOD Specific Training

Firefighter Training

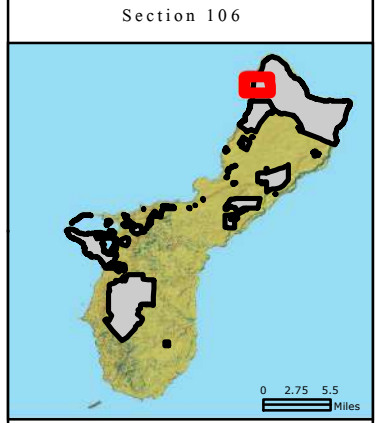
Improvised Explosive Device Discovery

Maneuver (Convoy, Land Navigation)

Security Forces Training

Small Arms Training

Tactical Combat Casualty Care



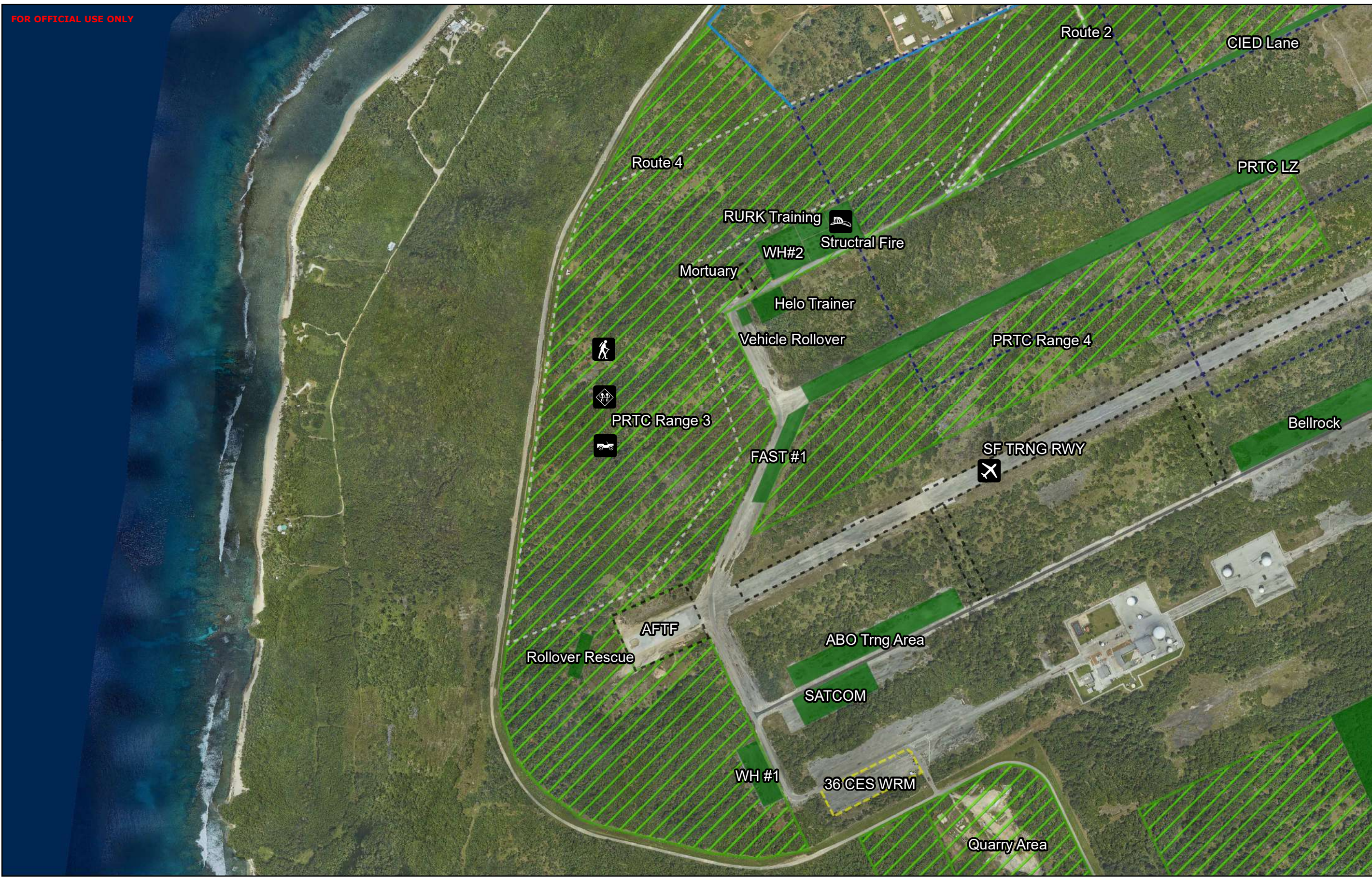
- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Staging Facility
 - Permanent Facility/Mock Up
 - Specific Training Area
 - Military Range

Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
Datum: D WGS 1984
Sheet Size: 22" Width X 17" Height
Scale: 1 inch = 0.14 miles



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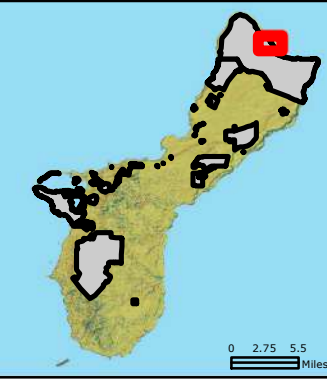


Training in Area

Military Training Type

	Firefighter Training		Maneuver (Convoy, Land Navigation)
	Land Navigation		Small Unit Maneuver
	Airfield Combat Assessment & Repair		

JRM Military Training Location
AAFB 4
Section 106



- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Staging Facility
 - Permanent Facility/Mock Up
 - Specific Training Area
 - Military Range



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.13 miles

0 0.025 0.05 0.1 0.15 0.2 Miles
 0 0.0375 0.075 0.15 0.225 0.3 Kilometers



Training in Area
Military Training
Type
 SABC Training

PREPARED BY:

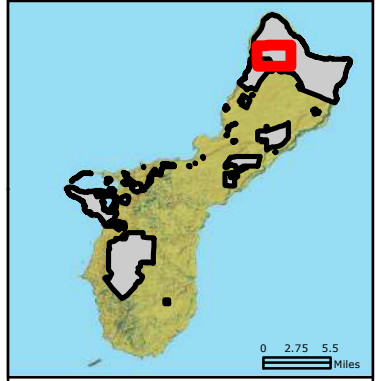
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JRM Military Training Location AAFB PRTC Range 5 Section 106



- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Staging Facility
 - Permanent Facility/Mock Up
 - Specific Training Area
 - Military Range



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.18 miles



Training in Area

Military Training

Type

Bivouac

CASEVAC/MEDEVAC

Defense/Planning and Execution

Field CE Set Up

Helo Insertion/Exertion

Helo Sling Load

Land Navigation

Maneuver (Convoy, Land Navigation)

Tactical Combat Casualty Care

Tactical Radio Set-up

Tactical Vehicle Operations

SERE Field Training

Small Unit Maneuver

Tactical Combat Casualty Care

Theater Communications Set Up

UXO Training

Tactical Radio Set-up

Tactical Vehicle Operations

Theater Communications Set Up

UXO Training

PREPARED BY:

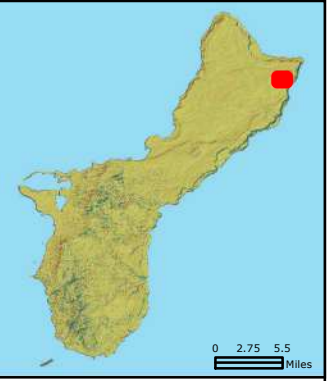


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- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Permanent Staging Facility
 - Permanent Training Facility
 - Specific Training Area
 - Military Range



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.05 miles

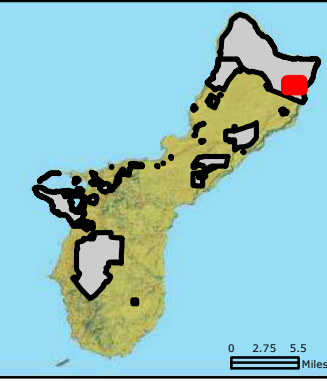


- Training In Area**
- Military Training Type**
- CBRN Training
 - PAR Training
 - EMS Training
 - Contingency Skills Training

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- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Staging Facility
 - Permanent Facility/Mock Up
 - Specific Training Area
 - Military Range

Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.08 miles

0 0.015 0.03 0.06 0.09 0.12 Miles
 0 0.025 0.05 0.1 0.15 0.2 Kilometers



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- Training in Area**
- Military Training Type**
- PAR Training
 - Security Forces Training
 - EMS Training
 - SABC Training



- Legend**
- Feature Description**
- Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Permanent Staging Facility
 - Permanent Training Facility
 - Specific Training Area
 - Military Range



Coordinate System: UTM Zone 55 North
 Projection: Transverse Mercator
 Datum: D WGS 1984
 Sheet Size: 22" Width X 17" Height
 Scale: 1 inch = 0.03 miles

0 0.005 0.01 0.02 0.03 0.04 Miles

0 0.0075 0.015 0.03 0.045 0.06 Kilometers



- Training In Area**
- Military Training Type**
- Contingency Skills Training
 - EMS Training
 - CBRN Training

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