

Appendix A

Training Areas: Tables and Maps

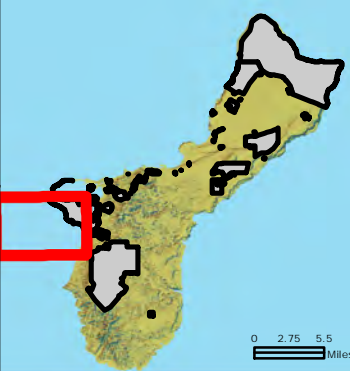
Naval Base Guam

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. The exercise provides realistic in-theater training.	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 assessment documentation of known historic properties (i.e. damage via watercraft, rubbish accumulation, etc.).	Cultural Resources: Physical disturbance or boat strike: (no explosives 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 assessment 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

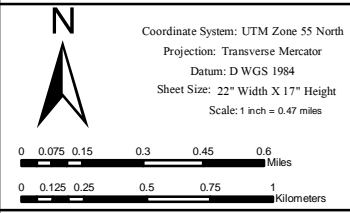
NBG Nearshore Waters - NBG1				
Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion (Cargo)	In-Water/ Land	These operations will vary in length depending on the transportation method and systems being used. Target areas are parachute drop zones that may be at sea or on land.	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
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



Authorize Training Within Area

Military Training Type



Communications Checks



Diving Training



Electronic Warfare Operations



Joint Multi-Strike Group Exercise



Maritime Security Operations (MSO)



Parachute Insertion



Parachute Insertion (Cargo)



Parachute Insertion (MFF)



SAR Jumps / CAST & Recovery



Small Boat Operations



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. 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>	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 pedestrian foot 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
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



JRM Military
Training Location
NBG 2
Section 106



- 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 = 0.12 miles

0 0.0225 0.045 0.09 0.135 0.18 Miles

0 0.035 0.07 0.14 0.21 0.28 Kilometers



- Training In Area**
- Military Training Type**
- Amphibious Raid
 - Diving Training
 - Unmanned Underwater Vehicle Training

PREPARED BY:
NAVFAC
Date: 11/12/2020
Contact: NFM GeoReadiness Center: (671) 339-2935
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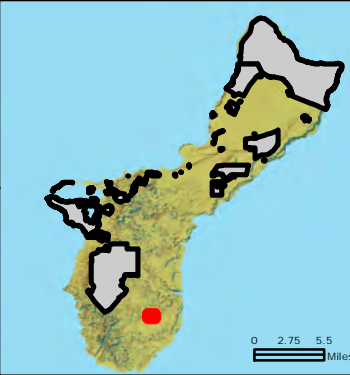
NBG DanDan, Malojloj- NBG3				
Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land	Personnel train to approach or depart an objective area using various transportation methods and tactics. These operations train forces to insert and extract personnel and 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	Land	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)	Land	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

NBG DanDan, Malojloj- NBG3

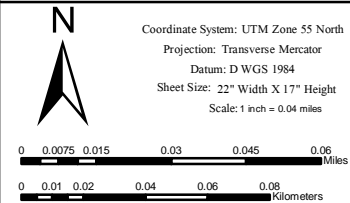
Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion	Land	Military personnel train for covert insertion into target areas using parachutes.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the 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



Training In Area

Military Training Type



Helicopter Touch and Go



Insertion/Extraction



Intelligence, Surveillance, Reconnaissance



Parachute Insertion



Date: 8/20/2020

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

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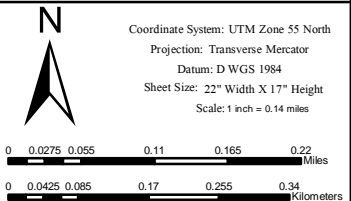
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NBG Munitions Site Northern Land Navigation - NBG4				
Training Activity	Location	Description	Mitigations	Stressors:
Maneuver (Convoy, Land Navigation)	Northern Land Navigation	Northern Land Navigation Area and Southern Land Navigation Area support 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



PREPARED BY:
NAVFAC

Date: 8/20/2020

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

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Training In Area

Military Training Type



Field Training Exercise



Maneuver (Convoy, Land Navigation)

NBG Breacher House - NBG5

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land	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	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)	Land	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	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
Classroom training (breaching)	Land			Cultural Resources: None
Maritime Security Operations (MSO)	Land	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 Breacher House - NBG5

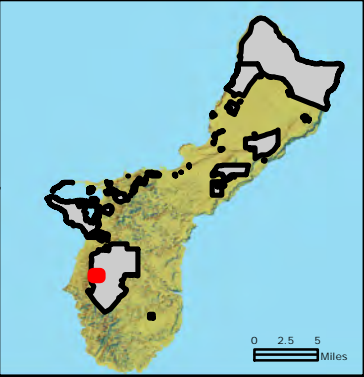
Training Activity	Location	Description	Mitigations	Stressors:
Helicopter Touch and Go	Land	Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.	Mitigation measures for this training activity will include Archaeologists 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)	Land	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)	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
Field Training Exercise	Land	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

NBG Breacher House - NBG5

Training Activity	Location	Description	Mitigations	Stressors:
Helicopter Rope Suspension Training (HRST)	Land	<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 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
Sniper Training	Land	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

JRM Military
Training Location
Breacher House

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 = 0.04 miles

0 0.005 0.01 0.02 0.03 0.04 Miles

0 0.01 0.02 0.04 0.06 0.08 Kilometers



PREPARED BY:



Date: 8/19/2020

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

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Training In Area

Military Training
Type

16



Classroom Training (breaching)



Combat Search and Rescue



Direct Action (Close Quarter Combat)



Direct Action (Breaching)



Field Training Exercise



Helicopter Rope Suspension Training



Helicopter Touch and Go



Improvised Explosive Device Discovery



Insertion/Extraction



Maritime Security Operations (MSO)



Sniper Training

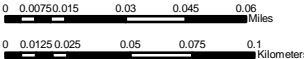


Legend

- 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 = 0.06 miles



Legend

Military Training Type



Diving Training



Hydrographic Survey Training



Maritime Security Operations (MSO)



Security Activities



Small Boat Operations



Underwater Survey



Unmanned Underwater Vehicle Training

PREPARED BY:



Date: 8/17/2020

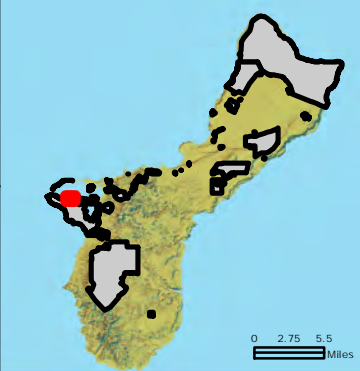
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NBG GabGab and San Luis Beach- NBG6				
Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources: None
Underwater Survey	In-water	A survey of underwater 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

NBG GabGab and San Luis Beach- NBG6				
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 assessment documentation of known historic properties (i.e. damage via pedestrian foot traffic, vehicle traffic and potential 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

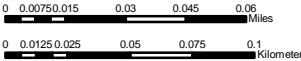


Legend

- Military Range
- Training Areas
- Fleet Exercise



Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
Datum: D WGS 1984
Sheet Size: 22" Width X 17" Height
Scale: 1 inch = 0.06 miles



Legend

Military Training Type



Diving Training



Hydrographic Survey Training



Maritime Security Operations (MSO)



Security Activities



Small Boat Operations



Underwater Survey



Unmanned Underwater Vehicle Training

PREPARED BY:



Date: 8/17/2020

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

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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

NBG Reserve Craft Beach Expeditionary Landing NBG7				
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 assessment 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 assessment 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 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.).</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 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.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>

NBG Reserve Craft Beach Expeditionary Landing NBG7				
Training Activity	Location	Description	Mitigations	Stressors:
Humanitarian Assistance Operations/Disaster Relief Operations		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.	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

JRM Military
Training Location
Reserve Craft Beach

Section 106

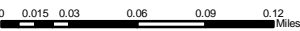


Legend

- 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



Date: 8/17/2020

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

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Authorized Training in Area

Military Training

Type



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

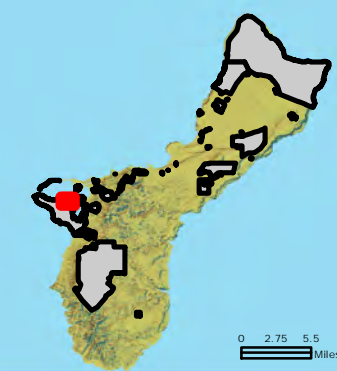
NBG Sumay Channel Cove- NBG8				
Training Activity	Location	Description	Mitigations	Stressors:
Diving Training	In-water	Swimming and diving in underwater ocean and bay areas.		Cultural Resources:None
Underwater Survey	In-water	A survey of underwater terrain conditions nearshore and a report of findings 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

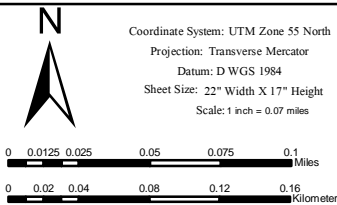
NBG Clipper Channel - NBG9				
Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Vehicle Maneuvering		Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious craft, landing 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, 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

NBG Clipper Channel - NBG9				
Training Activity	Location	Description	Mitigations	Stressors:
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



PREPARED BY:
NAVFAC

Date: 8/17/2020

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

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Authorized Training in Area

Military Training

Type



Amphibious Vehicle Maneuvering



Diving Training



Hydrgraphic Survey Training



Insertion/Extraction



Maritime Security Operations (MSO)



Security Activities



Small Boat Operations



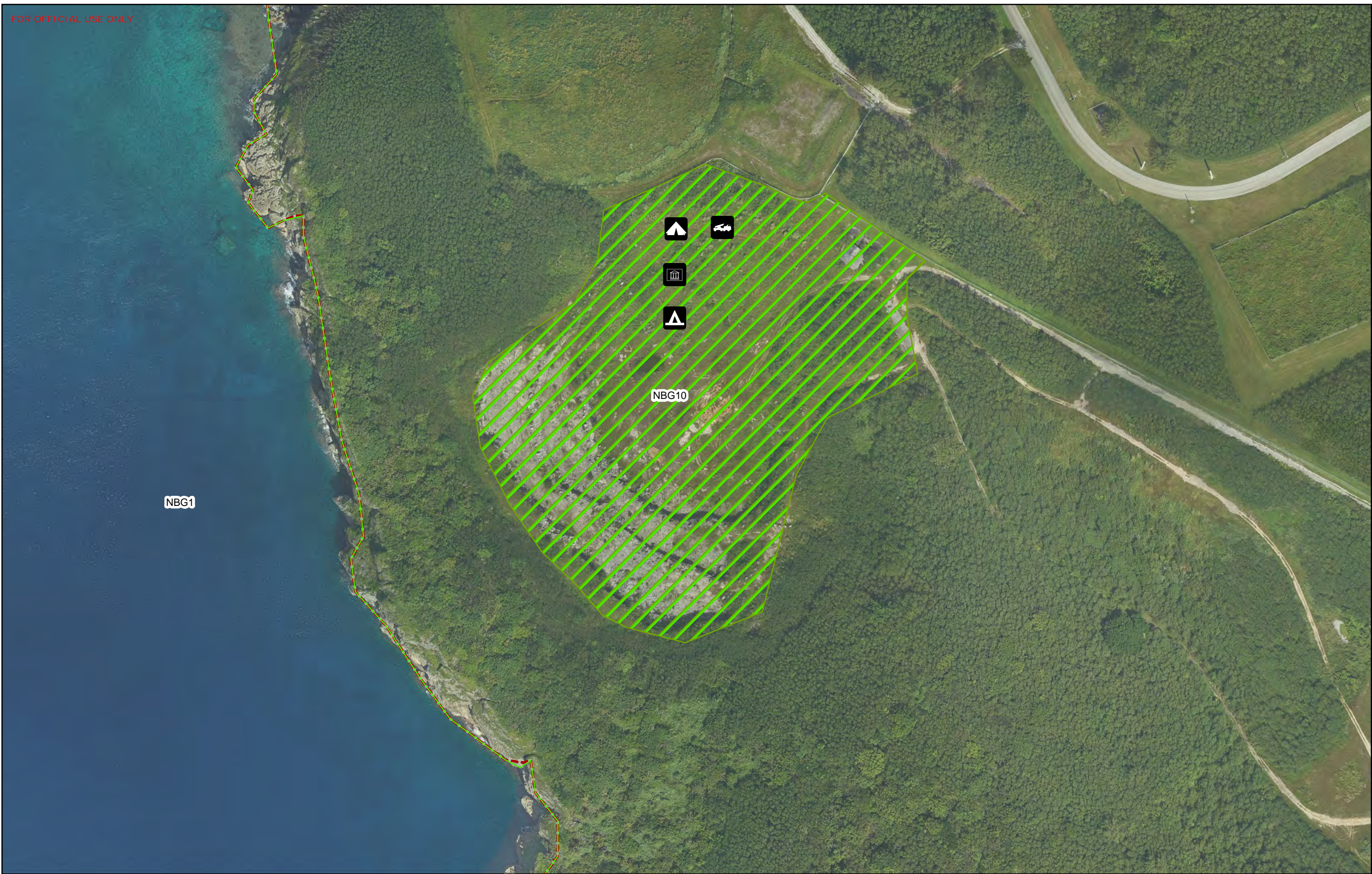
Underwater Survey



Unmanned Underwater Vehicle Training

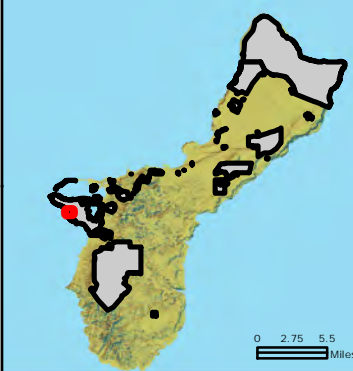
NBG South Tipaloa - NBG10				
Training Activity	Location	Description	Mitigations	Stressors:
Command/operation center (Expeditionary Command Post)	Land	Command and Control		Cultural Resources: None
Bivouac	Land	A temporary camp site or life support area.	Mitigation measures for this training activity 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

NBG South Tipaloa - NBG10				
Training Activity	Location	Description	Mitigations	Stressors:
Expeditionary Camp Lay Down	Land	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	Land	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

0 0.005 0.01 0.02 0.03 0.04 Miles

0 0.00750.015 0.03 0.045 0.06 Kilometers



Date: 8/20/2020

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

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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	Land	Staging of equipment		Cultural Resources: None
Personnel Transport	Land	Passenger Transfers		Cultural Resources: None
Helicopter Touch and Go	Land	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

NBG Polaris Point Expeditionary Landing Beach - NBG12				
Training Activity	Location	Description	Mitigations	Stressors:
Field Training Exercise	Land	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	Land	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
Amphibious Rehearsal, No Landing	In-Water	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 Polaris Point Expeditionary Landing Beach - NBG12				
Training Activity	Location	Description	Mitigations	Stressors:
Anti-terrorism/ Force Protection	Land	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)	In-water/ Land	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
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

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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Scale: 1 inch = 0.09 miles

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0 0.025 0.05 0.1 0.15 0.2 Kilometers



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NAVFAC
Date: 8/17/2020
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Authorized Training in Area

Military Training

Type

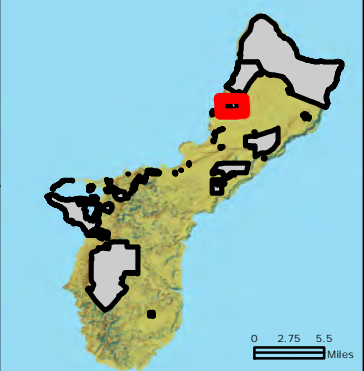
38

NBG - South Finegayan - NBG13				
Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land	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	Land	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

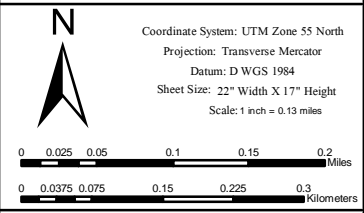
NBG - South Finegayan - NBG13				
Training Activity	Location	Description	Mitigations	Stressors:
Field Training Exercise	Land	FTX is an exercise where the battalion and its combat and combat service support units deploy to field locations to conduct tactical operations under simulated combat conditions. 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	Land	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



Training Within Area

Military Training Type

	Embassy Reinforcement		Field Training Exercise		Helicopter Touch and Go		Insertion/Extraction
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NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land	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
Field Training Exercise	Land	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
Parachute Insertion (Static Line)	Land	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 helicopter LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Parachute Insertion (MFF)	Land	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 foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Embassy Reinforcement	Land	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 assesment 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)	Land	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	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 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)	Land	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)	Land	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

NBG (Nimitz) Radio Barrigada - NBG14

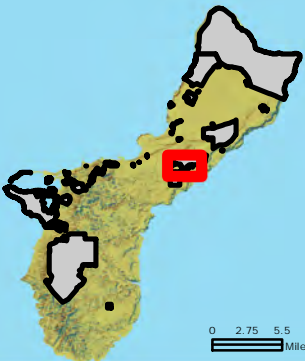
Training Activity	Location	Description	Mitigations	Stressors:
Helicopter Rope Suspension Training (HRST)	Land	Helicopter Rope Suspension Training (HRST) is a collective term used for various techniques used for quickly deploying troops from a helicopter in locations where the helicopter itself is unable 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	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, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Helicopter Touch and Go	Land	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 foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).	Cultural Resources: Physical disturbance and strike
Bivouac	Land	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	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 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 foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, IED render safe digging, etc.).	Cultural Resources: Physical disturbance and strike

NBG (Nimitz) Radio Barrigada - NBG14

Training Activity	Location	Description	Mitigations	Stressors:
Anti-terrorism/ Force Protection	Land	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 assesment 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)	Land	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 assesment 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	Land	Command and Control		Cultural Resources: None
Simulated Munitions	Land	Non-live fire		Cultural Resources: None

JRM Military
Training Location
Radio Barrigada

Section 106

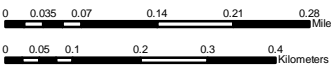


Legend

- 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
Naval Facilities Engineering Command

Date: 8/20/2020

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

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Training Within Area

Military Training
Type

Anti-terrorism/ Force Protection

Bivouac

Combat Search and Rescue

Direct Action (Close Quarter Combat)

Embassy Reinforcement

Expeditionary Command Post

Field Training Exercise

Helicopter Rope Suspension Training

Helicopter Touch and Go

Insertion/Extraction

Intelligence, Surveillance, Reconnaissance

MOUT Training

Maneuver (Convoy, Land Navigation)

Parachute Insertion

Parachute Insertion (MFF)

Simulated Munitions

Urban Warfare Training

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land/Air	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	Land	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

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion (Static Line)	Land/Air	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)	Land/Air	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)	Land	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 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	Land			

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Direct Action (Close Quarters Combat) - "Kill" House Orote Point Close Quarter Combat Facility (OPCOC)	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
Combat Search and Rescue (CSAR)	Land/ In-water/ Air	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

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Helicopter Rope Suspension Training (HRST)	Land/ Air	<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>	<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>
Helicopter Touch and Go		<p>Operational landing practice where an aircraft lands and does not complete a full stop landing, but proceeds to take-off with minimal delay.</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 LZ touchdown and foot traffic, MRE rubbish accumulation, hasty fighting position entrenching, etc.).</p>	<p>Cultural Resources: Physical disturbance and strike</p>

NBG Orote Point - NBG15

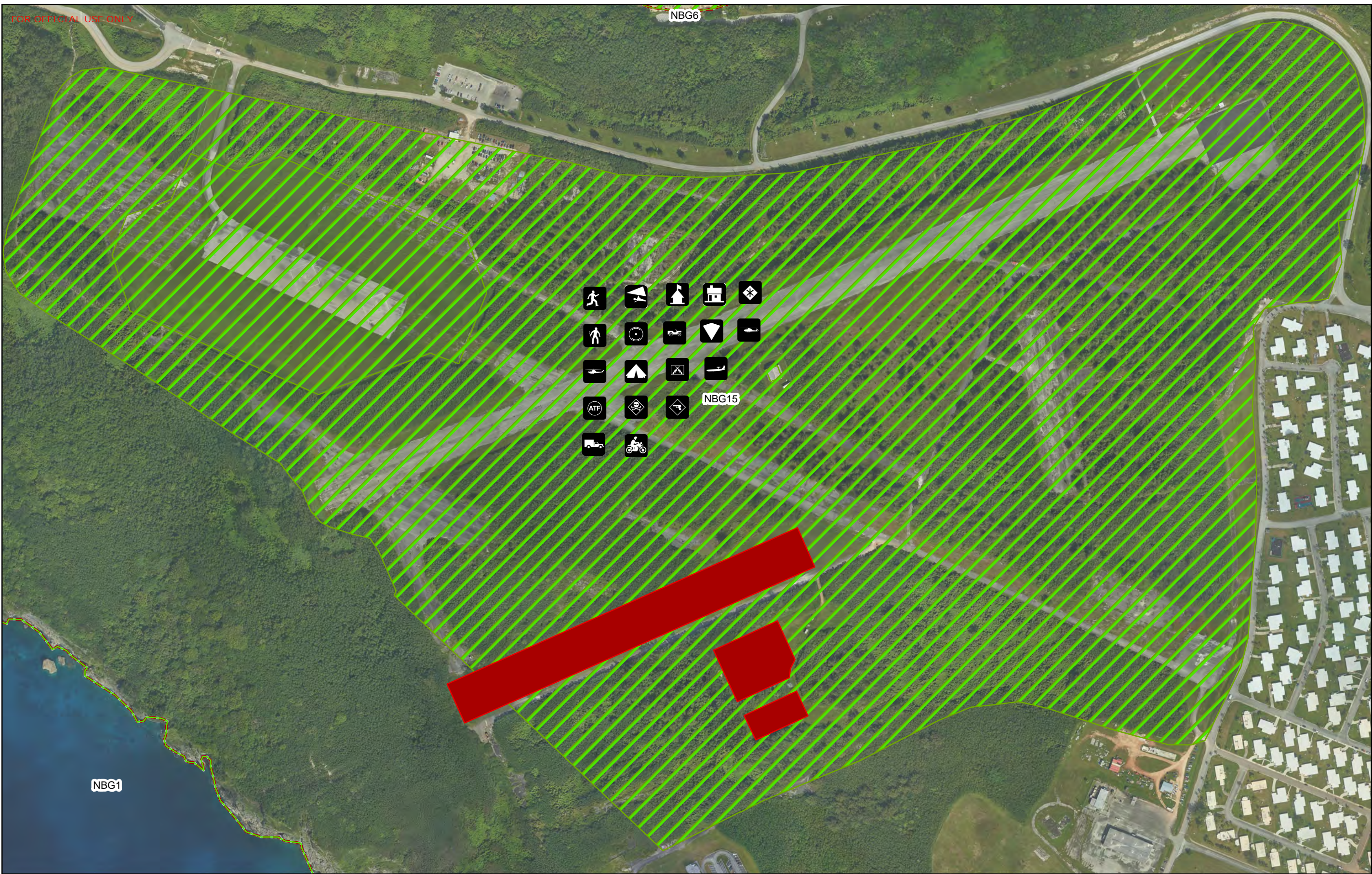
Training Activity	Location	Description	Mitigations	Stressors:
Bivouac		A temporary camp site or life support area.	Mitigation measures for this training activity will include Archaeologists to conduct a reconnaissance level pedestrian survey of the coast, inshore shallow water areas (viewshed from shoreline), 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	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, MRE rubbish accumulation, IED render safe digging, hasty fighting position entrenching, etc.).	Physical disturbance and strike

NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
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
Intelligence, Surveillance, Reconnaissance (ISR)	Land	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	Land	Command and Control		Cultural Resources: None
Simulated Munitions	Land	Non-live fire		Cultural Resources: None

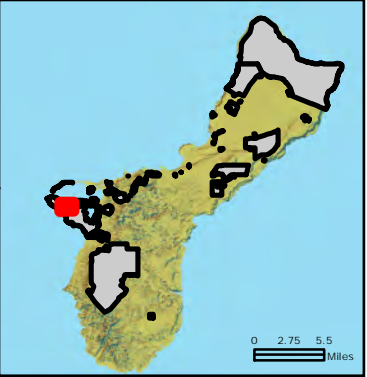
NBG Orote Point - NBG15

Training Activity	Location	Description	Mitigations	Stressors:
Motorcycle Safety Course	Land	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	Land	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



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



Training Within Area

Military Training

Type

Anti-terrorism/ Force Protection

Bivouac

Combat Search and Rescue

Direct Action (Close Quarter Combat)

Embassy Reinforcement

Emergency Vehicle Driver Training

Expeditionary Command Post

Field Training Exercise

Helicopter Rope Suspension Training

Helicopter Touch and Go

Insertion/Extraction

Intelligence, Surveillance, Reconnaissance

MOUT Training

Maneuver (Convoy, Land Navigation)

Motorcycle Safty Course

Parachute Insertion

Parachute Insertion (MFF)

Simulated Munitions

Urban Warfare Training

PREPARED BY:

Date: 8/17/2020

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

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NBG Outer Apra Harbor - NBG16				
Training Activity	Location	Description	Mitigations	Stressors:
Personnel Insertion/Extraction	Land/ Air	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)	Air	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

NBG Outer Apra Harbor - NBG16				
Training Activity	Location	Description	Mitigations	Stressors:
Parachute Insertion (Static Line)	Land/Air	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
Parachute Insertion (MFF)	Land/ Air	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:
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)	Land/ In-water	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
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

NBG Outer Apra Harbor - NBG16				
Training Activity	Location	Description	Mitigations	Stressors:
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)	In-water	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 assessment 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

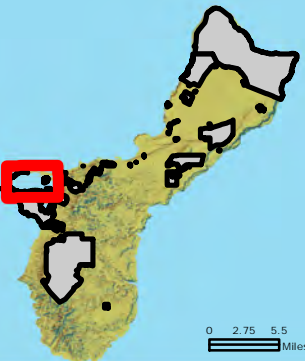
NBG Outer Apra Harbor - NBG16				
Training Activity	Location	Description	Mitigations	Stressors:
Amphibious Vehicle Maneuvering	In-water/ Land	Amphibious vessels maneuver to position, flood well decks, and launch and recover landing craft including hovercraft, combat rubber raiding craft, armored amphibious 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	Land/ In-water	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	In-water	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

NBG Outer Apra Harbor - NBG16				
Training Activity	Location	Description	Mitigations	Stressors:
Mine Countermeasures – Towed Mine Neutralization	In-water	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
Outer Apra Harbor

Section 106

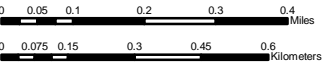


Legend

- 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 = 0.27 miles



PREPARED BY:
NAVFAC

Date: 8/19/2020

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

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Training Within Area

Military Training

Type



63



Amphibious Vehicle Maneuvering

Anti-terrorism/ Force Protection



Combat Search and Rescue



Diving Training



Hydrgraphic Survey Training



Insertion/Extraction



Intelligence, Surveillance, Reconnaissance



Limpet Mine Neutralization System



Maritime Security Operations (MSO)



Mine Countermeasures - Towed



Mine Neutralization- Remotely Operated Vehicle



Parachute Insertion



Security Activities



Small Boat Operations



Underwater Detonations



Underwater Survey



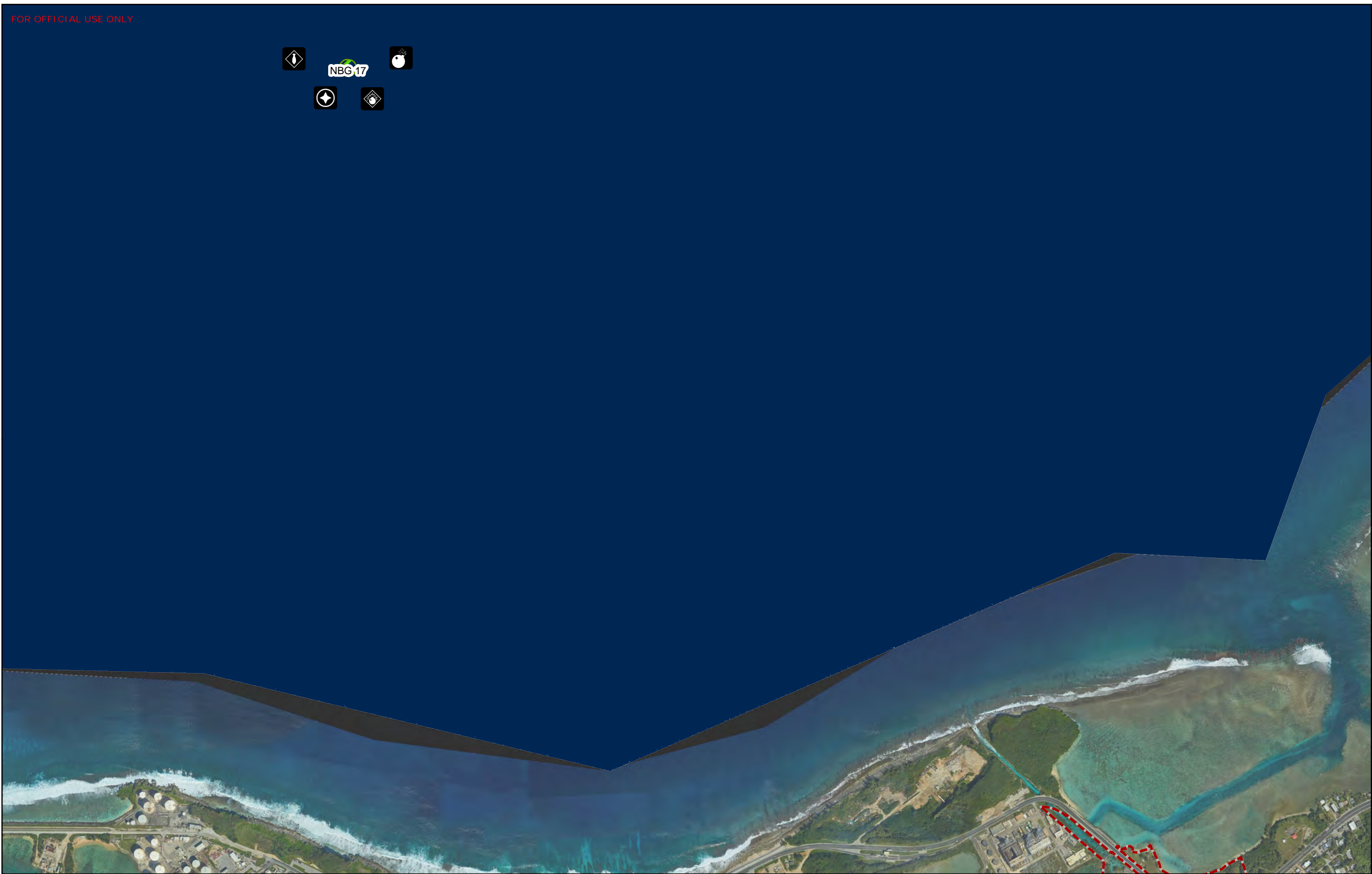
Unmanned Underwater Vehicle Training

NBG Piti Floating Mine Neutralization Site - NBG17

Training Activity	Location	Description	Mitigations	Stressors:
Underwater detonations	In-water	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 identfied 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	In-water	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 identfied 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	In-water/ Air	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 identfied 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

NBG Piti Floating Mine Neutralization Site - NBG17

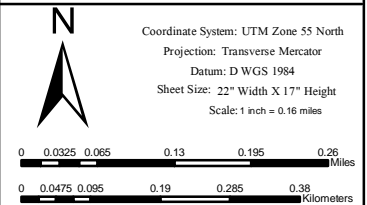
Training Activity	Location	Description	Mitigations	Stressors:
Mine Countermeasures – Towed Mine Neutralization	In-water/ Air	Helicopter, vehicle operators and unmanned vehicles use towed devices to trigger mines that are designed to detonate when they detect ships/submarines by engine/propeller sounds 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 identfied 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



PREPARED BY:
NAVFAC
Date: 8/19/2020
Contact: NFM GeoReadiness Center: (671) 339-2935
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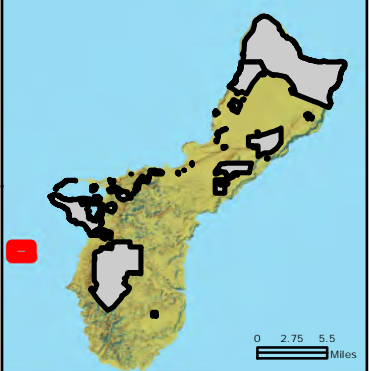
- Training In Area**
- Military Training**
- Type**
- Mine Countermeasures - Towed
 - Mine Neutralization- Remotely Operated Vehicle
 - Underwater Detonations
 - Limpet Mine Neutralization System

NBG Agat Bay Mine Neutralization Site - NBG18				
Training Activity	Location	Description	Mitigations	Stressors:
Underwater detonations	In-water	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	In-water	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

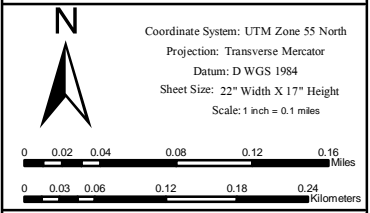
NBG Agat Bay Mine Neutralization Site - NBG18				
Training Activity	Location	Description	Mitigations	Stressors:
Mine Neutralization – Remotely Operated Vehicle Sonar	In-water/ Air	Ship, small boat, and helicopter crews utilize remotely operated vehicles to neutralize potential mines. Remotely operated 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	In-water/ Air	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



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 Neutralization- Remotely Operated Vehicle
 - Mine Counermeasures - Towed
 - Underwater Detonations

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)	Air/ Land	<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			



JRM Military
Training Location
NBG 19

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 = 0.04 miles



PREPARED BY:
Date: 9/23/2020

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

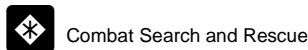
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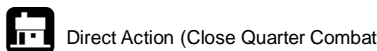
Training Within Area

Military Training

Type



Combat Search and Rescue



Direct Action (Close Quarter Combat)



Diving Training



Helicopter Rope Suspension Training



Insertion/Extraction



Land Demolitions (IED Discovery/Disposal)



Small Boat Operations



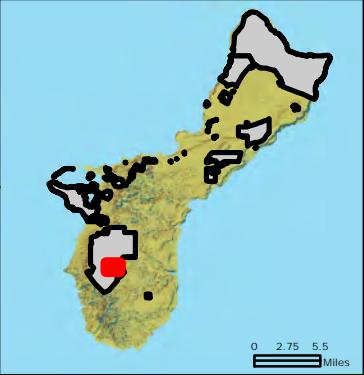
Urban Warfare Training

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.). Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	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	Cultural Resources: Explosives; Physical disturbance and strike

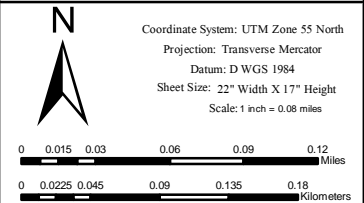


JRM Military
Training Location
NBG 20

Section 106



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



Training Within Area

Military Training Type

Land Demolitions (IED Discovery/Disposal)

Land Demolitions (UXO Discovery/Disposal)

Andersen Air Force Base

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Aircraft Arresting System	554 RHS-Silver Flag Mobile Aircraft Arresting System (MAAS)	PRTC Trng RWY	MAAS setup occurs a minimum of twice per Silver Flag, with the first occurrence lasting approxiamtely 1-2 days.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Aircraft Arresting System	554 RHS-Silver Flag Pre Announced Aircraft Emergency/ Aircrew Egress	PRTC Trng RWY	Aircraft is caught by MAAS. FES psnl respond, egress aircrew, protect/fight fire, disengage acft from MAAS, reset MAAS.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Expeditionary	554 RHS-Silver Flag Emergency Airfield Lighting System (EALS)	PRTC Trng RWY	EALS setup occurs a minimum of twice per Silver Flag class, with first occurrence lasting approx. 1 day and second occurrence lasting approx. 2 days. EALS is also setup a minimum of once per MEET class with approx. duration of 1 day.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Expeditionary	36 CRG ACE Operations	Fortress LZ-DZ	Exercise Agile Combat Employment (ACE) concepts in the field; primarily on the LZ/DZ to include the ACE Apron. Concepts include refueling of aircraft, airfield damage repair, fly away security, air base opening, aerial terminal supply points and airfield management type operations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy equipment, damage to runway	PRTC-TA-2; PRTC 4 & SF RWY
Airfield Paint	554 RHS-Silver Flag Airfield Paint Striping	PRTC Trng RWY	Painting new MOS centerline	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/ Rapid Airfield Damage Recovey (RADR)	554 RHS-Silver Flag Fiber Reinforced Panel (FRP)	PRTC Trng RWY	Students will build a FRP mat to place over legacy crater. They will be required to anchor in the mat and this bore through concrete into subgrade to secure mat to the ground	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Bore through concrete in paved area	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/ Rapid Airfield Damage Recovey (RADR)	554 RHS-Silver Flag AM2 Matting	PRTC Trng RWY	AM2 matting is a temporary cover used to place over expedient repairs on the afld un til permanent repairs can be made. Students are required to show capes of assembly of mat.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/ Rapid Airfield Damage Recovey (RADR)	554 RHS-Silver Flag Rapid Damage Assessment (RDA)	PRTC Trng RWY	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).	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/ Rapid Airfield Damage Recovey (RADR)	554 RHS-Silver Flag Rapid Damage Repair (RDR)	PRTC Trng RWY	RDR teams will repair craters and spalls created by Silver Flag cadre using the heavy equipment, flowable fill and rapid set materials.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy equipment, debris piling	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/Rapid Airfield Damage Recovey (RADR)	36 CRS Airfield Survey Assessment Training	36 CRS Maps	Airfield survey assessment	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2
Airfield Assessment/Rapid Airfield Damage Recovey (RADR)	554 RHS Silver Flag Warehouse #1 & batch plant	PRTC TA-3	RADR support for crater repair	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC 3

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Airfield Assessment/Rapid Airfield Damage Recovey (RADR)	554 RHS Silver Flag Crushed Stone Crater Repair	PRTC RADR Pad (AFTF)	Repair teams repair pre-existing 30' and 50' craters using heavy equipment and select fill material ; Students repair simulated craters and use legacy repair method to fix.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Excavation of pavement	PRTC-TA-2
Airfield Assessment/Rapid Airfield Damage Recovey (RADR)	554 RHS Silver Flag Rapid Damage Repair	PRTC RADR Pad (AFTF)	During RADR process, craters are dug out for the placement of repair cap; RDR teams will repair craters and spalls created by Silver Flag cadre using the heavy equipment, flowable fill and rapid set materials.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Excavation of pavement	PRTC-TA-2
Airfield Assessment/Rapid Airfield Damage Recovey (RADR)	554 RHS Silver Flag Rapid Airfield Damage Recovery (RADR) Equipment Familiarization Training	PRTC RADR Pad (AFTF)	WFSM Cadre utilize a portion of the AFTF to train students on operating the Compact Track Loader (CTL); water truck; water trailer during Base Recovery After Attack operations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area, or runway.	Heavy equipment	PRTC-TA-2
Airfield Marking	554 RHS-Silver Flag Minimum Airfield Operation Strip (MAOS) Marking	PRTC Trng RWY	During SF classes students are instructed on paint striper ops and will use afield paint to place centerline marking. Additionally, during RADR exercises, students will apply paint as one of final steps of process.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Berms/Dikes Construction	554 RHS Silver Flag Berms and Dikes Construction	CW & SF Ops Area	Material/resource retention berms are constructed using earth moving equipment and existing soil	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Construction of earthen dike	Silver Flag & 554 Ops; EOD EDS; AAFB 17, 13, Tower
Building Security	36 SFS Building and Repository Checks	Op 554/Commando Warrior/Silver Flag	Members must be able to properly verify that secured buildings have not been compromised and conduct routine building checks.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
CBRN Training	554 RHS Silver Flag Chemical/Biological lab exploitation	PRTC TA-2	Simulated lab in two story building. Students must enter facility and define hazards inside.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC TA-2
CBRN Training	554 RHS Silver Flag Mass casualty	PRTC TA-2	Simulate fire with high density smoke with simulated victims (180 lb. manikins) in a CBRN environment	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC TA-2
CBRN Training	554 RHS Silver Flag non live fire structural fire response	PRTC TA-2	Response to "smell of smoke" emergency	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC TA-2
CBRN Training	554 RHS-Silver Flag Chem Missile attack	PRTC TA-1	Teams use cones to establish boundaries for a training to define hazard around hypothetical craters.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-1
CBRN Training	554 RHS-Silver Flag Chemical attack	PRTC Trng RWY	Persistent agent attack using simulated agents for training exercises	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
CBRN Training	EOD CBRN Ordnance/IED Scenarios	EOD Range	Practicing training scenarios for responses to CBRN or IED involving identification, without demolition	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	EOD EDS

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
CBRN Training	554 RHS-Silver Flag Chemical lab	PRTC TA-1	Teams perform site assessment and exploitation of suspected lab by inspecting and monitoring stanchions placed in the ground	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Emplacement of stanchions	PRTC TA-1
CBRN Training	CEX CBRN Defense	AAFB 12; AAFB 13	Chemical, biological, radiological and nuclear (CBRN) defense training involves implementing protective measures in situations of CBRN warfare hazards. Involves passive protection, contamination avoidance and mitigation.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Not enough info is provided	AAFB 12; Training Location AAFB 17, 13, Tower
CBRN Training	554 RHS CBRN Training Scenario: Drone Spraying Bio Warfare Agent	RHS & CBCS Ops Area	Teams respond to reports of possible attack and determine hazard to installation	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Drone use	Silver Flag & 554 Ops
CBRN Training	554 RHS Silver Flag Chem and NVG driving	PRTC TA-2	Driving special purpose vehicles while wearing JSLIST and J-FIRE chem suits daytime. Driving special purpose vehicles off road while wearing NVGs in blackout convoy conditions	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Off road vehicles	PRTC TA-2
CBRN Training	554 RHS Silver Flag Fuel yard debris live fire	PRTC TA-2	Live fire on wooden structure and/or large pile of class A burn materials	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC TA-2
CBRN Training	554 RHS Silver Flag Structural live fire	PRTC TA-2	Burn class a combustibles in special purpose built facility	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC-TA-2
CBRN Training	CEF Aircraft Rescue/structural	Fire Dept Training	Structural live fire training with Class A materials	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	AAFB 1 & FD
CBRN Training	CEF Live fire	Ranges	Aircraft live fire training with Propane gas	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Classroom/ Administrative	36 SFS Use Noise, Light and Litter Discipline	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic, and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Classroom/ Administrative	36 SFS Introduction to Crowds and Crowd Behavior	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic, and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS M24 Rifle Nomenclature and Characteristics	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic, and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Perform Response Forces Duties	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members learn security response and emergency response in conjunction with Security Forces standards. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Riot Control Formations and Positioning	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Specialized Response Forces	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members learn specialized security response and emergency response in conjunction with Security Forces standards. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Use and React to Visual Signaling Technique	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members learn squad movement utilizing hand and arm signals. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Use Cover and Concealment	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic, and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Use of a Riot Baton	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic and practice principles. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Use Sign, Countersign, and Emergency Response Codes	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members learn sign/counter-sign techniques in emergency or duress type situations. Training involves a hands-on outdoor component of running drills, practicing principles, or enacting scenarios in developed environments such as base roads, runways, parking lots, lawns, or urban areas.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Classroom/ Administrative	36 SFS Searches (Area, Building)	AAFB 4, AAFB 13, Commando Warrior/Silver Flag	Members must be able to seach areas/building in relation to crime scenes and search for evidence of crimes. Conducted via powerpoint and applied indoors or on land.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Communications Set-Up	554 RHS Silver Flag PRC 152 setup and operations	PRTC TA-2	Program and set up PRC 152 radios, repeater, and antennas	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2
Communications Set-Up	644 CBCS Tactical Radio set-up and operation	AAFB 12	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	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 12
Communications Set-Up	644 CBCS Theater Deployable Communications set up and operation	AAFB 12	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	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 12
Communications Set-Up	644 CBCS Theater Deployable Communications set up and operation	PRTC TA-5	Training consists 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	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC 5
Communications Set-Up	644 CBCS Field CE set up and operation	PRTC TA-5	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 support 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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Off road vehicles; ground disturbance associated with tent set up	PRTC 5
Communications Set-Up	644 CBCS Tactical Radio set-up and operation	PRTC TA-5	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Off road vehicles	PRTC 5
Communications Set-Up	644 CBCS Field CE set up and operation	AAFB 12	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 support 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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Off road vehicles	AAFB 12
Confined Space	554 RHS Silver Flag confined space training	PRTC TA-2	Enter special purpose confined space training facility horizontally and 3 stories vertically, evaluating hazardous atmospheres	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Direct Action (Close Quarters Combat)	736 SFS/Commando Warrior Urban Operations	PRTC TA-5; PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area	Squads demonstrate close quarters battles and urban training within the horse shoe. Teams consist of 12-15 members that utilize simunitions and blanks within several buildings in a urban environment.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds	PRTC-TA-2; PRTC-4 & SF Runway; PRTC 5; Silver Flag & 554 Ops
Direct Action (Close Quarters Combat)	736 SFS Urban Operations	NWF Runway	Close quarters combat training in mock-village. Simunitions used.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Sim rounds	PRTC 4 & SF RWY
Driving Training	36 LRS Airfield Driving Training	Airfield Diagram	Airfield Driving Training.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	No Map: North Field Runways & Perimeter Roads
Electrical/ Power Support	554 RHS Silver Flag High voltage cables, transformers, and switchgear BEAR Base Electrical Distribution training	CW & SF Ops Area	BBED training occurs a minimum of three times per Silver Flag class, with first and second occurrence lasting approx. 1 day and third occurrence lasting approx. 2 days. BBED training also takes place at a minimum of once per MEET class with approx. duration of 2 days.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	Silver Flag & 554 Ops
Electrical/ Power Support	554 RHS Silver Flag High voltage power generation (HPG) & spot generation	CW & SF Ops Area	HPG & spot generation training occurs a minimum of twice per Silver Flag class, with each occurrence lasting approx. 2 days. HPG MEET training also has an approx. duration of 5 days.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	Silver Flag & 554 Ops
Electrical/ Power Support	554 RHS Silver Flag Build up area for Silver Flag exercise purposes	CW & SF Ops Area	Build-up/placement of additional tents, transformers, and MEP generators on south side of road/across from where TFF/power plant is located	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Use of heavy machinery off-road; construction of tents	Silver Flag & 554 Ops
Emergency Management	CEX Wing Emergency Management	AAFB 12, AAFB 13	Storm preparedness and readiness (e.g. tsunamic, typhoons), after storm recovery, active shooter exercises, basic attack exercises.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 12; AAFB 17, 13, Tower
Emergency Medical Care	Emergency Management System (EMS)	AAFB 7	Simulated medical scenarios	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower
Emergency Medical Care	554 RHS Silver Flag SABC	PRTC TA-2	Self aid buddy care in contingency enviro	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2
Emergency Medical Care	Tactical Combat Casualty Card (TCCC)	Main Base/N Field	Simulated medical scenarios	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower
Emergency Response/ Rescue, Force Protection	36 CS SCOW Manhole Rescue Training	Manhole Familiarization Map	Familiarization training for proper procedures and use of manhole rescue systems to evacuate manholes.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower
Emergency Response/ Rescue, Force Protection	36 FSS SAR	AAFB 13	Search and recovery training in stadium	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Emergency Response/ Rescue, Force Protection	36 SFS Perform Individual Tactics	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations.	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Emergency Response/ Rescue, Force Protection	554 RHS Silver Flag Rescue/veh crash over cliff	PRTC TA-3	Vehicles are intentionally pushed over a cliff to see how Fire and Ground Transportation members will rescue the occupants.	Mitigation measures for this activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Vehicle dropped off cliff	PRTC 3
Emergency Response/ Rescue, Force Protection	36 SFS Employ Fire and Maneuver Techniques	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Sim rounds	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Emergency Response/ Rescue, Force Protection	36 SFS Lead Fire Team Movements	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Emergency Response/ Rescue, Force Protection	36 SFS Move as a Member of a Fire Team	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Emergency Response/ Rescue, Force Protection	554 RHS Silver Flag Helo live fire	PRTC TA-2	Propane and LHC fuel fire, emerg crews respond, extinguish fires, rescue victims in immediate area	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC-TA-2
Emergency Response/ Rescue, Force Protection	554 RHS Silver Flag Helo live fire	PRTC TA-3	Propane and liquid hydrocarbon fuel fire, emerg crews respond, extinguish fires, rescue victims in immediate area	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC 3
Emergency Response/ Rescue, Force Protection	554 RHS Silver Flag Large frame Aircraft live fire	PRTC TA-3	Propane and liquid hydrocarbon fuel fire, emerg crews respond, extinguish fires, rescue victims in immediate area	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC 3
Emergency Response/ Rescue, Force Protection	554 RHS-Silver Flag Helicopter live fire evolutions	PRTC Trng RWY	Propane and LHC fuel fire, emerg crews respond, extinguish fires, rescue victims in immediate area	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC-TA-2; PRTC-4 & SF Runway
Emergency Response/ Rescue, Force Protection	CEF Helo Wildland Ops	Fire Dept Training	Wildland firefighting - Water Bucket Drops	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Large amounts of water dropped from elevation	AAFB 1 & FD
Explosives Proficiency, Land Demolition	EOD Explosives Proficiency	EOD Range	Teams practice setting up minimal explosives and detonating in a range environment	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	EOD EDS
Field Training Exercise, Force Protection	36 CRSS 36 CRSS Survival Basics	36 CRSS Map	Training is consist of 10-15 individuals, members receive instruction on practical application of survival basics, to include; building shelters, fires, ground signals, preparing food, water for consumption, and cooking principles. All members receive a safety briefing	Mitigation measures for this activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Off road vehicles; vegetation clearance; fire; piling of debris	Pati Point Map?
Field Training Exercise, Force Protection	36 CRSS SERE Field Training	AAFB 12, PRTC TA-5	Training is consist of 10-15 individuals, members receive instruction on practical application of survival basics, to include; building shelters, fires, ground signals, preparing food, water for consumption, and cooking principles. All members receive a safety briefing	Mitigation measures for this activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Off road vehicles; vegetation clearance; fire; piling of debris	AAFB 12; PRTC 5

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Field Training Exercise, Force Protection	554 RHS Field Training Exercise (FTX) / Bivouac	PRTC TA-5	554 RHS members are required to execute a minimum 72 hour FTX every 18 months in order to meet readiness requirements. In order to keep the squadron current this event must be done at least once every year. The scenario of the event varies but typically includes base camp construction, convoy training, defensive fighting positions, land navigation, POW training, etc. The FTX also requires the planning and execution of minor construction/repair projects in a semi-permissive to contested environment.	Mitigation measures for this activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Ground disturbance associated with tent set up, heavy foot traffic	PRTC 5
Field Training Exercise, Force Protection	644 CBCS Duty Section/Field Setup/Bivouac	PRTC TA-5	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 activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Off road vehicles; ground disturbance associated with tent set up	PRTC 5
Field Training Exercise, Force Protection	644 CBCS Site defense/Planning and Execution	PRTC TA-5	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 activity will include the approval of a designated location by archaeologists, ensuring site avoidance.	Ground disturbance associated with tent set up, sim rounds, explosions	PRTC 5
Field Training Exercise, Force Protection	644 CBCS Foot Navigation	AAFB 12	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Minimal foot traffic	Possibly within PRTC 5
Field Training Exercise, Force Protection	CRS Aerial Port, Maintenance, and Communications Training	FOB Training Area PRTC-TA-2?	Erecting mock base between 100 ftsq and the size of a fully functional FOB including tents, inflatable tents, power and ground equipment, forklifts and security force position. Communications equipment may be setup on buildings, open fields, and vehicles. Operation of heavy machinery.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Off road vehicles, ground disturbance associated with tent set up	PRTC-TA-2

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Field Training Exercise, Force Protection	36 CRG 36 CRG Field Training Exercise	Fortress LZ-DZ	Field Training Exercise executing capabilities	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Seeking more info: Terrain disturbances due to vehicle/person nel movements	PRTC-TA-2; PRTC 4 & SF RWY
Field Training Exercise, Force Protection	36 CRS ORES/FTX	36 CRS Maps	ORES/FTX Training with utilization of off road vehicles are used for this training which is conducted at North West Field on old pavement or current airfield parking aprons.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Off road vehicles	AAFB 17, 13, Tower
Field Training Exercise, Force Protection	36 CRSS CRG Qtrly Ex	36 CRSS Map	Training consist of field training exercises of the five (05) squadron under the CRG. It ranges from 40-120 personnel executing 36 CRG exercises ensures CR forces have the ability to rapidly deploy, assess and conduct initial operations immediately upon arrival in a variety environments in support of airbase opening, humanitarian assistance/disaster response, POTUS support and operational planning.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	PRTC-TA-2; PRTC 4 & SF RWY
Field Training Exercise, Force Protection	644 CBCS Duty Section/Field Setup/Bivouac	AAFB 12	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Ground disturbance associated with tent set up, heavy foot traffic	AAFB 12
Field Training Exercise, Force Protection	644 CBCS Site defense/Planning and Execution	AAFB 12	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Ground disturbance associated with tent set up, heavy foot traffic	AAFB 12
Force Protection	644 CBCS Day to Day Operations	AAFB 12	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	Activity occurs in designated built area and road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12
Force Protection	36 SFS Incorporate Threat Weapons Types and Capabilities, Counter Threats, and Threat Spectrum into Operations	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic and practice principles	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Force Protection	736 SFS/Commando Warrior Fly Away Security	PRTC TA-2; PRTC Trng Rwy	All students will be evaluated on confrontation management, restricted area establishment and aircraft security	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Force Protection	554 RHS-Silver Flag Dispersal location for FES psnl and equipment	PRTC Trng RWY	FES psnl construct hasty dispersal locations in a simulated contested environment to include vehicle staging, support equipment, and personnel	Activity occurs on designated airstrip, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Force Protection	36 SFS Lead and/or Participate in Ambushes	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members will learn how to lead and conduct ambushes for contingency operations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Force Protection	36 SFS Perform Delay, Withdrawal, and Retrograde Operations	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members will learn how to perfrom how to retreat or delay retrograde operations	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Force Protection	36 SFS React to Fire, Ambushed, and Indirect Fire	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members will learn how to react to ambushes for contingency operations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Force Protection	736 SFS Cumulative Training Exercises	Commando Warrior/Silver Flag	Trainees defend base, from which they may conduct a mounted or dismounted operation. Blank ammunition used.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Sim rounds	Silver Flag & 554 Ops
Force Protection	554 RHS Silver Flag Dispersal location for FES psnl and equipment	PRTC TA-2	FES psnl construct hasty dispersal locations in a simulated contested environment to include vehicle staging, support equipment, and personnel	Training to occur only in approved areas using site avoidance; involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
Force Protection	554 RHS Silver Flag Dispersal site	PRTC TA-3	FES psnl construct hasty dispersal locations in a simulated contested environment to include vehicle staging, support equipment, and personnel	Training to occur only in approved areas using site avoidance; involves no potential stressors to the landscape.	Not applicable	PRTC 3
Heavy Equipment Ope	36 CS SCOW Vehicle Familiarization	Tower Location Map	Training on the proper operation and procedures for Heavy Equipment vehicles unique to the SCOW work center	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	Training Location AAFB 17, 13, Tower
Helo Operations	36 CRS LZ Training	36 CRS Maps	Landing zone training	Activity occurs in designated runway area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2; PRTC 4 & SF RWY
Helo Operations	36 CRG Cope North	Fortress LZ-DZ	Conduct LZ/DZ ops and execute HADR scenario with Tri-lateral forces	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Blown debris from low flying helo	PRTC-TA-2; PRTC 4 & SF RWY
Helo Operations	36 CRG Opportune training with 36 AS	Fortress LZ-DZ	Conduct LZ/DZ ops with 36 AS out of Yokota to support training for DZCs/LZSOs	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Blown debris from low flying helo	PRTC-TA-2; PRTC 4 & SF RWY
Helo Operations	36 CRG Valiant Shield	Fortress LZ-DZ	Conduct LZ/DZ ops and execute HADR scenario with Tri-lateral forces	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Blown debris from low flying helo	PRTC-TA-2; PRTC 4 & SF RWY
Helo Operations	644 CBCS Helo/Sling Load Ops	AAFB 12	Training consist of Air Assault qualified Amn practicing sling load of equipment in support of potential ACE and HADR deployments	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Blown debris from low flying helo	AAFB 12
Helo Operations	HSC-25 Helicopter Landing Zone HLZ Operations	PRTC TA-10; PRTC TA-5	There are two dirt/grass type HLZ's in PRTC TA-5 that were identified for training by HSC-25 in conjunction with 36 CRG. These HLZ's may be used in exercises such as Valiant Shield, COPE NORTH, Paclron and other contingency type exercises.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Debris from helo	PRTC 5
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	644 CBCS UXO Training	PRTC TA-5	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 5

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	736 SFS/Commando Warrior K-9 Operation	PRTC TA-8; PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area; PRTC TA-5	Conduct different scenarios consisting of C-IED exposure and patrol explosives	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-1; PRTC 5; PRTC 4 & SF RWY; Silver Flag & 554 Ops
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	EOD Vehicle Access	EOD Range	On a road. Small teams practice gaining access to vehicle using robot to disrupt IED	Activity occurs in designated range area, and involves no potential stressors to the landscape.	Not applicable	EOD EDS
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	644 CBCS Counter IED Training	PRTC TA-2	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 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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	644 CBCS Counter Improvised Explosive Device (IED) Training	AAFB 12	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 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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag EOD training scenarios.	PRTC TA-1	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identfied cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Potential for explosives in off range area	PRTC-TA-1
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS-Silver Flag EOD training scenarios.	PRTC TA-2	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identfied cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Potential for explosives in off range area	PRTC-TA-2

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Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	736 SFS/Commando Warrior C-IED Lanes	PRTC TA-8; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area; PRTC TA-5	Will place UXOs in different areas for Squads to identify	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identfied cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds	PRTC-TA-1; PRTC 5; PRTC 4 & SF RWY; Silver Flag & 554 Ops
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag EOD training scenarios.	PRTC TA-4	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	PRTC 4 & SF RWY
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag HESCO vehicle entry control point/ search pit	PRTC TA-2	Build a HESCO structure to use for EOD, Fire and EM injects at the EX ECP. Planning to build a HESCO vehicle entry control point/ search pit	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Use of loader; construction of HESCO structures (sand-filled, reinforced box for forward base walls)	PRTC-TA-2
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag Joint Fire, EOD, EM live fire/IED/chem	PRTC TA-2	Live vehicle fire with simulated chemical and explosives	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Fire	PRTC-TA-2
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag EOD Training Scenarios	RHS & CBCS Ops Area	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Potential for explosives in off range area	Silver Flag & 554 Ops
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag EOD Training Scenarios	PRTC TA-3	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Potential for explosives in off range area	PRTC 3
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag EOD training scenarios.	CW & SF Ops Area; PRTC TA-5	Teams respond to different EOD specific scenarios. (IED, suspect package, UXO)	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	PRTC 5; Silver Flag & 554 Ops
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS- Silver Flag MURS/CROWS Training	USMC Ranges	Teams will use the area to practice with MURS or CROWS, using laser to remove training UXO devices from the airfield	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy machinery	USMC Ranges

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag UXO mitigation w/EOD	PRTC TA-3	Sweep for simulated UXOs using a mine detector to search for potential landmines and buried simulated IEDs while responding to emergency	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Burying of simulated IEDs	PRTC 3
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver FlagRapid Explosive Hazard Mitigation (REHM)	PRTC RADR Pad (AFTF)	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.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	PRTC-TA-2
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS-Silver Flag Rapid Explosive Hazard Mitigation (REHM)	PRTC Trng RWY	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.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	PRTC-TA-2; PRTC-4 & SF Runway
IED/UXO Identification and Response, Maneuver (Convoy, Land Nav)	554 RHS Silver Flag UXO/PAR sweeps	PRTC TA-2	Sweep for simulated UXOs around facilities	Training to occur only in approved areas using site avoidance; involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
Intelligence, Surveillance, Reconnaissance (ISR)	Post Attack Reconnaissance (PAR) Training	Fire Dept Training	TBD	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	AAFB 1 & FD
K9 (Dog) Training	736 SFS/Commando Warrior HME Imprint	PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area	Consist of teaching and exposing dogs to different types of Odors using scent boxes	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-1; PRTC-TA-2; PRTC-4 & SF Runway; Silver Flag & 554 Ops
K9 (Dog) Training	736 SFS MWD Detection	NWF Runway	training aids placed along trails to train dogs in odor detection.	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 4 & SF RWY
K9 (Dog) Training	736 SFS/Commando Warrior Odor Detection	PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area	Consist of dogs detecting 1.1 explosives and homemade explosives.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds	PRTC-TA-1; PRTC-TA-2; PRTC-4 & SF Runway; Silver Flag & 554 Ops
Land Demolition	554 RHS Demolition Training	NWF Quarry	In order to maintain the demolition special capability 554 RHS executes demolition blasts in the quarry up to 40 lbs. in net explosive weight. These detonation are done to maintain base denial and quarry operations capabilities.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Explosives	PRTC 6 & Quarry
Land Demolition	554 RHS Quarry Operations	NWF Quarry	554 RHS conducts training on quarry equipment used to crush rock in order to make various kinds of construction aggregate materials. This operation is to both make materials for construction projects as well as maintain the quarry operations special capability.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy equipment, quarrying	PRTC 6 & Quarry

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Operations	PRTC TA-5	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Tactical Vehicle Operations	PRTC TA-5	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Vehicle Navigation	PRTC TA-5	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	736 SFS Obstacle Course	Route 1	Individuals will navigate the obstacle course built closely to the dirt road.	Activity occurs in designated built area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-1
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Training	PRTC TA-2	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Training	PRTC TA-3	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	PRTC 3
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Training	AAFB 12	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Training	AAFB 12	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Tactical Vehicle Operations	AAFB 12	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS UXO Training	AAFB 12	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 12
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Vehicle Navigation	AAFB 12	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	Activity occurs in designated road area, and involves no potential stressors to the landscape.	None	AAFB 12
Maneuver (Convoy, Land Nav), Force Protection	36 CRSS Land Navigation	36 CRSS Map	Navigate rough terrain	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Minimal foot traffic	PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Small Unit Maneuver	PRTC-TA-5; AAFB 12	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Explosions, foot traffic	AAFB 12; PRTC 5

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Small Unit Tactics	AAFB 12; PRTC TA 5	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Minimal foot traffic	AAFB 12; PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Small Unit Tactics	PRTC TA-5	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Explosions	PRTC 5
Maneuver (Convoy, Land Nav), Force Protection	736 SFS Commando Warrior/Dismounted Operations	PRTC TA-6; PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area; PRTC TA-5	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds, foot traffic	PRTC-TA-1; PRTC-TA-2; PRTC 5; PRTC 6 & Quarry; PRTC 4 & SF RWY; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	736 SFS Land Navigation	AAFB 4; PRTC-TA-1	Using a map and compass navigate through the jungle, finding various points.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Foot traffic	PRTC 4 & SF RWY; PRTC-TA-1

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Maneuver (Convoy, Land Nav), Force Protection	736 SFS/Commando Warrior Field Training Exercise	PRTC TA-9; PRTC TA-2, PRTC-TA-1; PRTC Trng Rwy; PRTC TA-5	All students will be evaluated on different scenarios based off of Mouted/Dismouted/Urban operations. They will deploy from the Forward Operation Base.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds	PRTC-TA-1; PRTC-TA-2; PRTC 5; PRTC 4 & SF RWY
Maneuver (Convoy, Land Nav), Force Protection	EOD Land Navigation	EOD Range	Training will consist of small groups walking through jungle using Map, Compass and military GPS to practice land Navigation.	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Foot traffic	EOD EDS
Maneuver (Convoy, Land Nav), Force Protection	EOD Small Team Tactics	EOD Range	Moving through a jungle or urban environment in a small unit and running non-explosive drills, practicing firing positions	Mitigation measures for this training activity will include Archaeologists to conduct quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of potential damage of known historic properties, paper documentation of newly identifed cultural resources, and condition damage assesment documentation of known historic properties (i.e. damage via pedestrian foot traffic, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Foot traffic	EOD EDS
Maneuver (Convoy, Land Nav), Force Protection	36 SFS Conduct Land Navigation	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic. Will apply topp map and lensatic compass on designated training areas in Northwest field.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	36 SFS Determine Location by Terrain Association	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic. Will apply topp map and lensatic compass on designated training areas in Northwest field.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	36 SFS Mounted and Convoy Tactics	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Humvee mounted and convoy tactics during contingency operations.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	36 SFS Use Lensatic Compass and Global Positioning System Device	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic. Will apply topp map and lensatic compass on designated training areas in Northwest field.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Maneuver (Convoy, Land Nav), Force Protection	36 SFS Use Topographical Maps	AAFB 13, AAFB 4, Commando Warrior/Silver Flag	Members receive powerpoint and lesson plan briefing on said topic. Will apply topp map and lensatic compass on designated training areas in Northwest field.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	554 RHS Silver Flag Land Navigation	PRTC TA-2	Navigate rough terrain using MILGPS	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	PRTC-TA-2
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Convoy Operations	AAFB 12	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Paint splatters, minor explosions; heavy foot traffic	AAFB 12
Maneuver (Convoy, Land Nav), Force Protection	644 CBCS Foot Navigation	PRTC TA-2 & 3	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Minimal foot traffic	PRTC-TA-2; PRTC 3
Maneuver (Convoy, Land Nav), Force Protection	736 SFS Commando Warrior/Mounted Operations	PRTC TA-7; PRTC TA-2; PRTC-TA-1; PRTC Trng Rwy; CW & SF Ops Area; PRTC TA-5	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.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Sim rounds	PRTC-TA-1; PRTC-TA-2; PRTC 5; PRTC 4 & SF RWY; Silver Flag & 554 Ops
Maneuver (Convoy, Land Nav), Force Protection	554 RHS Red Day IAW AFI	Red Day Locations Map	The training consist of 13 sub-categories/topics like Individual Movement Techniques, Team Movement Techniques, Troop Leading Procedures, Weapons Handling Proficiency, Night Operations, Integrated Defense, Entry Control Point, Enemy Prisoner of War, Convoy Operations, Communications Procedures, Work Party/Camp Security, Land Navigation & Map Reading, and Camouflage/Cover & Concealment. This training is normally scheduled on the third Thursday of each month. Some portion of classes depending on the course are held 50% in a classroom environment and 50% outside of North West Field.	TBD; In consultation and coordination with respective training units, the impact assessments will drive the refinement of training areas	TBD	Silver Flag & 554 Ops
Mortuary Affairs	554 RHS Silver Flag Mortuary Affairs Collection Point	PRTC TA-3	Mortuary affairs teams process remains and prepare them for shipping during silverflag training	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	PRTC 3
Pallet Building	36 LRS Pallet Build Up Training	Pallet Building	Hands on pallet Building	Activity occurs in designated built area, and involves no potential stressors to the landscape.	Not applicable	AAFB 17, 13, Tower
Personnel Insert/Extract	554 RHS Silver Flag Rescue low angle training	PRTC TA-3	Low angle rappelling, basket operations, mechanical advantage system, anchor point systems, belay line operation	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	PRTC 3
Personnel Insert/Extract	554 RHS-Silver Flag Expedient patient care and low angle rescue	PRTC Trng RWY	Low angle rescue training in a contingency environ	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	PRTC-TA-2; PRTC-4 & SF Runway
Personnel Insert/Extract	644 CBCS CASEVAC/MEDEVAC	AAFB 12	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 liter. This is part of the CBCS AETC approved Field Craft- Hostile (FC-H) course	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Burning (flares); helo landing; heavy foot traffic; brass/casing	AAFB 12
Personnel Insert/Extract	644 CBCS Helo Insertion/Exertion	AAFB 12	Training consist of training with live fly helo including HLZ, infill and exfill ISO of ACE and HADR	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Blown debris from low flying helo	AAFB 12

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Personnel Insert/Extract	644 CBCS Helo Insertion/Exertion	PRTC TA-5	Training consist of training with live fly helo including HLZ, infill and exfill ISO of ACE and HADR	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Debris from low flying helo	PRTC 5
Personnel Insert/Extract	644 CBCS Helo/Sling Load Ops	PRTC TA-5	Training consist of Air Assault qualified Amn practicing sling load of equipment in support of potential ACE and HADR deployments	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Debris from low flying helo	PRTC 5
Physical Training	36 CS Climber Certification	Climbing Training Location Map	Annual certification of tower climbing skills including ascending, descending, rappelling, and tower rescue.	Activity occurs in designated built area, and involves no potential stressors to the landscape.	Not applicable	AAFB 17, 13, Tower
Physical Training	554 RHS Silver Flag Rappel tower	PRTC TA-2	High angle rappelling, basket operations, line transfers, pick-off, high line basket ops, quick rope, suspending victims, ascending 5 story purpose built facility	Activity occurs in designated built area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
Physical Training	554 RHS-Silver Flag High Angle Rappelling Training	554 Ops Area	High angle rappelling, basket operations, line transfers, pick-off, high line basket ops, quick rope, suspending victims, ascending 5 story purpose built facility	Activity occurs in designated built environment, and involves no potential stressors to the landscape.	Not applicable	Silver Flag & 554 Ops
Physical Training	36 CRSS Squadron PT	36 CRSS Map	Physical activity in developed areas	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	AAFB 17, 13, Tower; AAFB 12
Physical Training	36 FSS MOPP/CBRN and PAR	36 FSS Maps	Don gear and run drills	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	AAFB 17, 13, Tower
Physical Training	36 CRS Rucks	36 CRS Maps	Approx. 57 personnel rucking on road	Activity occurs in designated road area, and involves no potential stressors to the landscape.	Not applicable	No reference map
Physical Training	36 CRSS Rucking	36 CRSS Map	Rucking in developed areas	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic	No reference map
Preventive Maintenance	36 CS SCOTR Hawkeye Heavy	Smart T Hawkeye Map	Conducting PMI's and training. Training includes set up and teardown of antenna.	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	AAFB Hawkeye
Preventive Maintenance	36 CS SCOTR SMART-T	Smart T Hawkeye Map	PMI's are conducted monthly, quarterly, and annually	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	AAFB Hawkeye
Recovery/Casualty Collection	554 RHS Silver Flag FS Search and Recovery/Casualty Collection	PRTC TA-2	S&R teams asses the area, conduct search, mark and collect human remains, personal effects	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Off road vehicles, marching, trampling	PRTC-TA-2
Seize Airfield	CEX Squadron Contingency Skill Training	AAFB 12	Attack exercises (e.g. air field recovery)	TBD	Not enough info is provided	AAFB 12
Small Arms Training	36 CRS Profire	EOD Range	Arms training on designated rage	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	EOD EDS
Small Arms Training	36 CRSS Profire	EOD Range	Arms training on designated rage	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	EOD EDS
Small Arms Training	36 SFS Carbine Air Force Qualification Course	Ranges	Members will conduct annual weapons qualification on the M4 duty weapon.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Small Arms Training	36 SFS Firearms Coaching Procedures	Ranges	Members will learn how to instruct and coach basic marksmanship for other shooters on the firing line.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Small Arms Training	36 SFS Handgun Air Force Qualification Course	Ranges	Members will conduct annual weapons qualification on the M9/M18 duty weapon.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	AAFB 17, 13, Tower; Silver Flag & 554 Ops

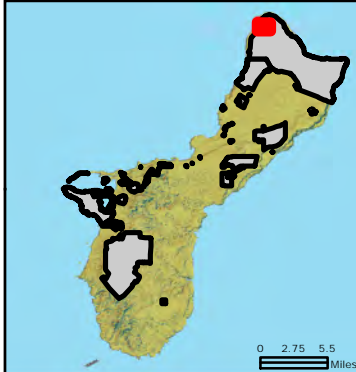
AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Small Arms Training	36 SFS M240B Machine Gun	Ranges	Members will receive training on the M240B Machine Gun by CATM instructors.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Small Arms Training	36 SFS M870 Modular Combat Shotgun	Ranges	Members will receive training on the M870 Modular Combat Shotgun by CATM instructors.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Small Arms Training	36 SFS Perform M4 (A1) and M9 or M18 Stress Drills with Dye Marking Cartridges	Ranges	Rifle and handgun stress drills that mainly consist of simulated Active Shooter Response using sim rounds at the manmade shoothouse down at CATM range.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Sim rounds	USMC Ranges
Small Arms Training	36 SFS Shoot Move and Communicate Individual Skill	Ranges	Shoot, move, and communicate (SMC) is SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations. Can be conducted with or without live-rounds.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy foot traffic	USMC Ranges
Small Arms Training	36 SFS Shoot Move and Communicate Live Fire	Ranges	Shoot, move, and communicate (SMC) is SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations. Can be conducted with or without live-rounds. When conducted with live-rounds, training will be conducted at the land range.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Small Arms Training	36 SFS Shoot Move and Communicate Tactical Team	Ranges	Shoot, move, and communicate (SMC) is SF standard for tactical movements of individuals, small-teams, and fire-team in response to emergency situations. Can be conducted with or without live-rounds.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Heavy foot traffic	USMC Ranges
Small Arms Training	36 SFS Sustainment Firing	Ranges	Members conduct quarterly firing with either the M4 or M9 weapon system. Training can be conducted with either simulation rounds, live rounds, or virtually with the MILO system. Members learn weapon manipulation, marksmanship, SMC, or close quarters combat training.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Small Arms Training	36 SFS Weapons Employment Fundamentals	Ranges	Members will learn and use basic marksmanship fundamentals during live-fire drills.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	AAFB 17, 13, Tower; Silver Flag & 554 Ops
Small Arms Training	644 CBCS Small Arms Training	Ranges	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.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Stray projectiles, concern is minimal within range	USMC Ranges
Small Arms Training	644 CBCS/36CRG Small arms training	USMC Ranges	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.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Vehicle and foot traffic. Minimal environmental impact due to non-toxic live training ammunition. Dust and Noise hazards during live fire operations	USMC Ranges
Small Arms Training	736 SFS Weapons Qualification	36 SFS Firing Range	Firing small arms/light weapons on the range	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Projectiles	USMC Ranges
Traffic Management	36 SFS Traffic Management	AAFB 13; AAFB 4	Members learn how to properly conduct traffic control points, respond to vehicle accidents that intrude the road, and general traffic management.	Activity occurs in designated developed area and road area, and involves no potential stressors to the landscape.	Not applicable	AAFB 17, 13, Tower

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Training Grouping	Training Activity	Location	Description	Mitigations	Stressors	Reference Map
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	644 CBCS Dismounted small unit tactics	PRTC TA-2	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	Activity occurs in designated built area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	644 CBCS CASEVAC/MEDEVAC	PRTC TA-5	Training consist of force on force battles using SIM rounds, blanks, GBS and smoke. Training is geared towards MEDEAVC, CASEVAC which involves transferring patient to a helo and hoist ops with a liter. 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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds; debris from low flying helo; helo landing	PRTC 5
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	644 CBCS Tactical Combat Casualty Care	PRTC TA-5	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 quarterly impact assesments of eligible historic properties. Methods associated with the quarterly impact assesments include pedestrian survey inspection, photographic documentation of 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, rubbish accumulation, stanchion emplacement, etc.). In consultation and coordination with respective training units, the quarterly impact assessments will drive the refinement of training areas.	Sim rounds	PRTC 5
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	36 CRSS OREs/SABC Practical	36 CRSS Map	Training consists of 10-50 personnel moving through 736 MOUT villiage range on NWF. Tasks include: Care Under Fire, Tactical Field Care and TACEVAC while under attack by hostile OPFOR using simunitions or blank munitions.	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Foot traffic, sim rounds	No reference map
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	644 CBCS Dismounted small unit tactics (Urban Warfare)	AAFB 12	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Paint splatters, brass/casing, minor explosions; heavy foot traffic	AAFB 12
Urban Warfare, Emergency Medical Care, Personnel Insert/Extract	644 CBCS Tactical Combat Casualty Care	AAFB 12	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	Potential stressors from the activity are mitigated by being restricted to a designated range, developed area, built area, road area or runway.	Paint splatter; brass/casing	AAFB 12
Water Purification	554 RHS Silver Flag Reverse Osmosis Water Purification Unit (ROWPU) Training	CW & SF Ops Area	Students train on set-up and operation of the ROWPU. The ROWPU is the primary water purification medium used in beddown/contingency operations to include humanitarian missions.	Activity occurs in designated built environment, and involves no potential stressors to the landscape.	Not applicable	Silver Flag & 554 Ops

AAFB						
Aircraft Arresting System	554 RHS-Silver Flag MAAS training and evaluation of FES psnl	PRTC Trng RWY	FES personnel are taught and hands on practice to operate the MAAS	Activity occurs in designated built environment, and involves no potential stressors to cultural resources.	Not applicable	PRTC-TA-2; PRTC-4 & SF Runway
Water and Fuel System Repair	554 RHS Silver Flag Water and Fuel Expedient Repair System (WaFERS) Training	CW & SF Ops Area	As a replacement for the RURK, the WaFERS trainer will be used to train students on 14 different fuel system repair types.	Activity occurs in designated built environment, and involves no potential stressors to the landscape.	Not applicable	Silver Flag & 554 Ops
Water and Fuel System Repair	554 RHS Silver Flag Rapid Utility Repair Kit (RURK) Training	PRTC TA-2	RURK training is a PACAF requirement and will continue until the Water and Fuel Expedient Repair System (WaFERS) comes online. The RURK is mainly used to repair fuel systems and components after attack. Students are trained on all kit items and perform each possible repair type. Training occurs 3 days during each Silver Flag training event.	Activity occurs in designated developed area, and involves no potential stressors to the landscape.	Not applicable	PRTC-TA-2

JRM Military
Training Location
PRTC-TA-1

Section 106



Legend

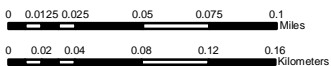
- Military Range
- Installation Area

Feature Description

- Convoy Routes
- Drop Zone
- Military Training Area
- Operational Facilities
- Permanent Staging Facility
- Permanent Training Facility
- Activity Specific Training Area
- Fleet Exercises



Coordinate System: UTM Zone 55 North
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Date: 12/15/2020

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

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Legend

Military Training
Type



Anti-terrorism/ Force Protection



Direct Action (Close Quarter Combat)



CBRN Training



Emergency Medical Care



IED/UXO Identification and Response



Land Demolition



K9 (Dog) Training



Maneuver (Convoy, Land Navigation)



Urban Warfare Training



Water and Fuel System Repair

JRM Military
Training Location
PRTC-TA-2

Section 106



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



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0 0.0225 0.045 0.09 0.135 0.18 Miles

0 0.0325 0.065 0.13 0.195 0.26 Kilometers



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Legend

Military Training Type

Airfield Assessment/Rapid Damage Repair

100
Airfield Expeditionary

Berms/Dikes Construction

CBRNE Training

Classroom/Administrative

Confined Space

Direct Action (Close Quarter Combat)

Dispersal Training

Emergency Response/Rescue

Emergency Medical Care

Field Training Exercise

Helo Operations

IED/UXO Identification and Response

K9 (Dog) Training

Land Navigation

Maneuver (Convoy, Land Navigation)

Night Driving

Physical Training

Entry Control Point

Small Arms Training

Recovery/Casualty Collection

Communications Set Up

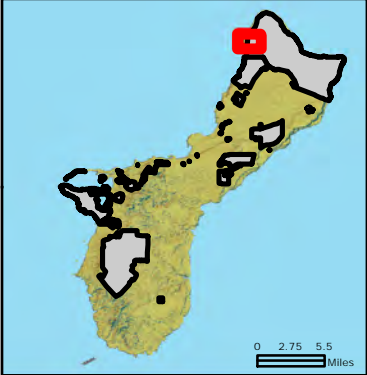
Urban Warfare Training

Water and Fuel System Repair

Water Purification

JRM Military
Training Location
PRTC 3

Section 106

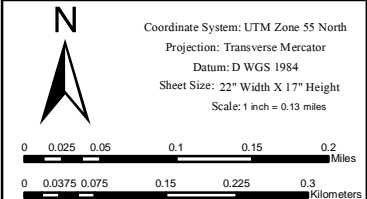


Legend

- Military Range
- Installation Area

Feature Description

- Convoy Routes
- Drop Zone
- Military Training Area
- Operational Facilities
- Permanent Staging Facility
- Permanent Training Facility
- Activity Specific Training Area
- Fleet Exercises



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Legend

Military Training

Type



Aircraft Arresting System



Airfield Assessment/Rapid Airfield Damage Recovery (RADR)



Airfield Expeditionary



Airfield Marking/Paint



Anti-Terrorism/ Force Protection



CBRN Training



Combat Search and Rescue



Direct Action (Close Quarter Combat)



Dispersal Training



Emergency Response/Rescue



Embassy Reinforcement



Helo Operations



IED/UXO Identification and Response



Insertion/Extraction



K9 (Dog) Training



Land Demolition



Land Navigation



Maneuver (Convoy, Land Navigation)



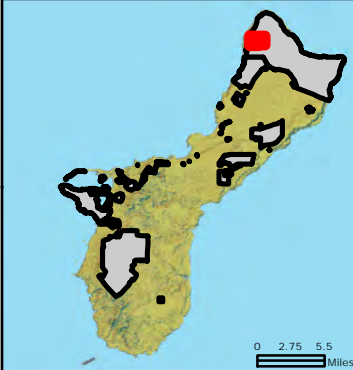
Mortuary Affairs



Communications Set Up

JRM Military
Training Location
PRTC 4 & SF RWY

Section 106



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



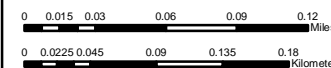
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Route 4

RURK Training
Structral Fire

WH#2

Mortuary

Helo Trainer
Vehicle Rollover

PRTC Range 3

FAST #1

PRTC Range 4

SF TRNG RWY

SF TRNG RWY

Bellrock

ABO Trng Area

AFTF

Legend

Military Training

Type



Aircraft Arresting System



Airfield Assessment/Rapid Airfield Damage Recovery (RADR)



Airfield Expeditionary



Airfield Marking/Paint



Anti-Terrorism/ Force Protection



CBRN Traning



Combat Search and Rescue



Direct Action (Close Quarter Combat)



Dispersal Training



Emergency Response/Rescue



Embassy Reinforcement



Expeditious Airfield



Fiber Reinforced Panel



Helo Operations



IED/UXO Identification and Response



Insertion/Extraction



K9 (Dog) Training



Land Demolition



Maneuver (Convoy, Land Navigation)



Mourtuary Affairs

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ABO Trng Area

SATCOM

WH #1

36 CES WRM

Quarry Area

PRTC Range 6

CBCS Camp

PRTC Range 5

HLZ

JRM Military Training Location PRTC 5

Section 106



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



Coordinate System: UTM Zone 55 North

Projection: Transverse Mercator

Datum: D WGS 1984

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0 0.035 0.07 0.14 0.21 0.28 Miles

0 0.05 0.1 0.2 0.3 0.4 Kilometers



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Legend

Military Training

Type

✈ Airfield Assessment/Rapid Airfield Damage Recovery (RADR)

TUS



Anti-terrorism/ Force Protection



Bivouac



Direct Action (Close Quarter Combat)



Emergency Medical Care



Field Training Exercise



Helo Operations



IED/UXO Identification and Response



Insertion/Extraction



Land Demolition



Land Navigation



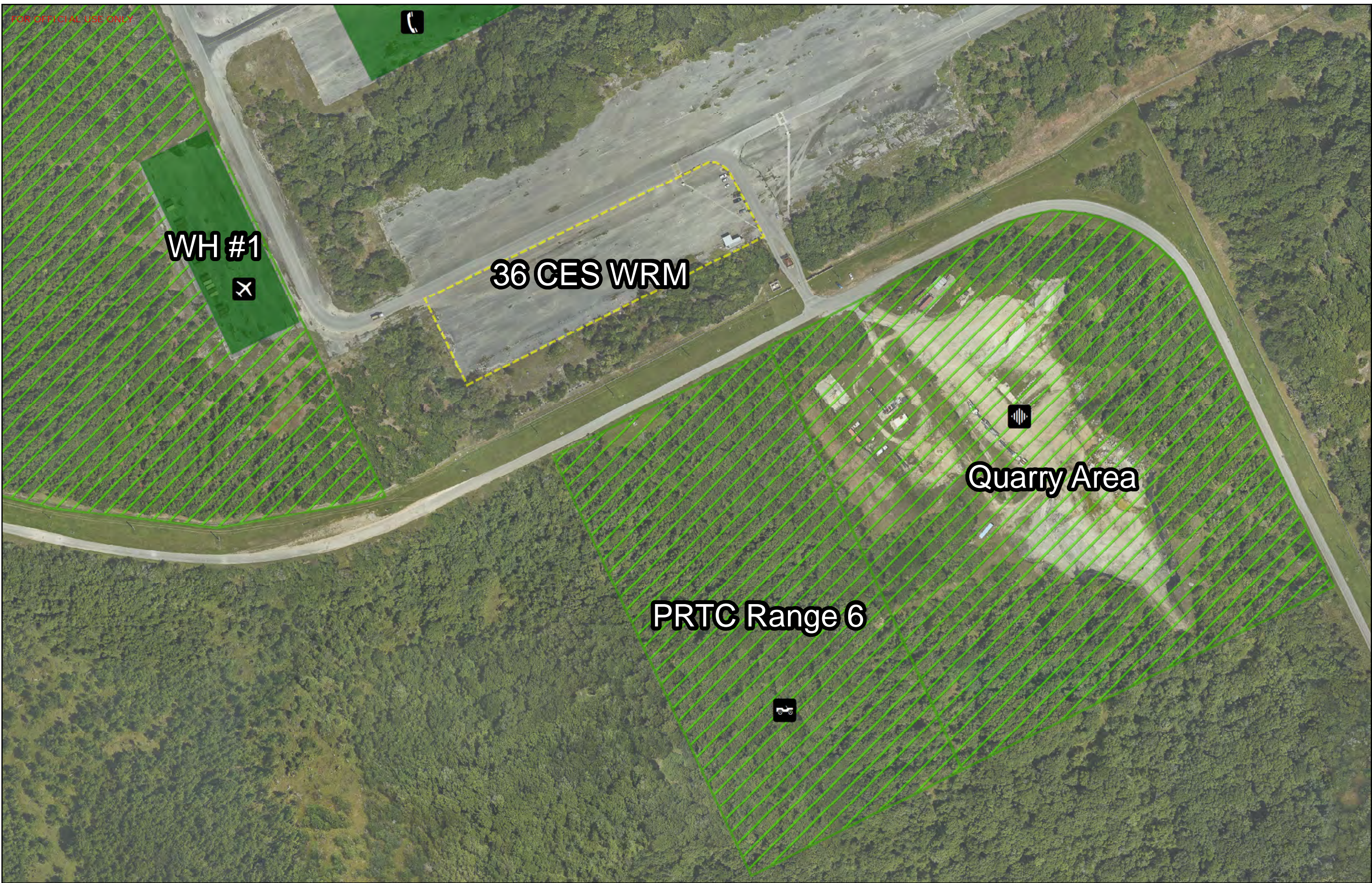
Maneuver (Convoy, Land Navigation)



Communications Set Up

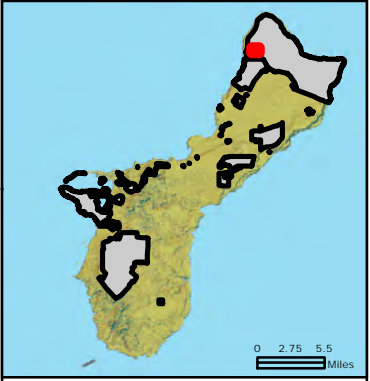


Urban Warfare Training



JRM Military
Training Location
PRTC 6 & Quarry

Section 106



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
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0 0.01 0.02 0.04 0.06 0.08 Kilometers



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Legend

Military Training Type



Airfield Assessment/Rapid Airfield Damage Recovery (RADR)



Land Demolition



Maneuver (Convoy, Land Navigation)



Communications Set Up

JRM Military
Training Location
Silver Flag & 554 OPS

Section 106



Legend

- Military Range
- Installation Area

Feature Description

- Convoy Routes
- Drop Zone
- Military Training Area
- Operational Facilities
- Permanent Staging Facility
- Permanent Training Facility
- Activity Specific Training Area
- Fleet Exercises

Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
Datum: D WGS 1984
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0 0.0125 0.025 0.05 0.075 0.1 Miles
0 0.02 0.04 0.08 0.12 0.16 Kilometers



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Legend

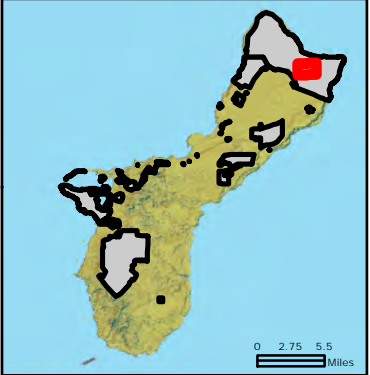
Military Training Type

- | | | | | | | |
|----------------------------------|--------------------------|---------------------------|-------------------------------------|----------------------|---------------------|------------------------------|
| Anti-terrorism/ Force Protection | CBRN Training | Emergency Medical Care | IED/UXO Identification and Response | Land Demolition | Small Arms Training | Urban Warfare Training |
| Berms/Dikes Construction | Classroom/Administrative | Emergency Response/Rescue | Field Training Exercise | Insertion/Extraction | Land Navigation | Recovery/Casualty Collection |
| Electrical/Power Support | Helo Operations | K9 (Dog) Training | Maneuver (Convoy, Land Navigation) | Traffic Management | Water Purification | Water and Fuel System Repair |



JRM Military
Training Location
AAFB 1 and FD

Section 106



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



Coordinate System: UTM Zone 55 North

Projection: Transverse Mercator

Datum: D WGS 1984

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Scale: 1 inch = 0.1 miles

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0 0.03 0.06 0.12 0.18 0.24 Kilometers



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Legend

Military Training Type



CBRN Training



Emergency Response/Rescue



Emergency Medical Care



Helo Operations



Insertion/Extraction



Legend

Military Range

Installation Area

Feature Description

Convoy Routes

Drop Zone

Military Training Area

Operational Facilities

Permanent Staging Facility

Permanent Training Facility

Activity Specific Training Area

Fleet Exercises



Coordinate System: UTM Zone 55 North

Projection: Transverse Mercator

Datum: D WGS 1984

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0 0.0175 0.035 0.07 0.105 0.14 Kilometers



Legend

Military Training

Type

Anti-terrorism/ Force Protection



Building Security



Classroom/Administrative



Emergency Response/Rescue



emergency Management



Emergency Medical Care



Intelligence, Surveillance, Reconnaissance



Maneuver (Convoy, Land Navigation)



Physical Training



Small Arms Training



Traffic Management

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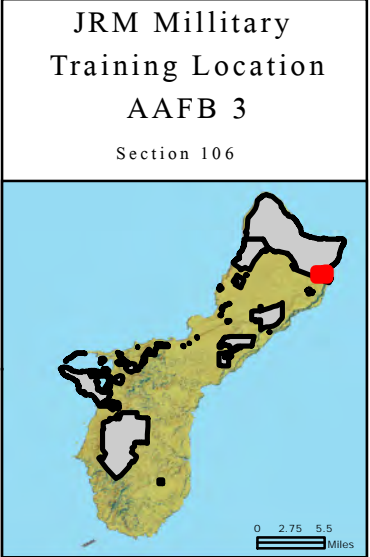
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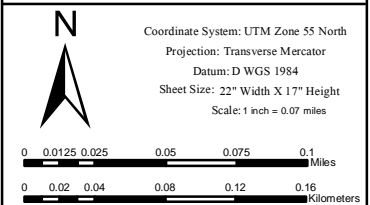
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- Legend**
- Military Range
 - Installation Area
 - Feature Description**
 - Convoy Routes
 - Drop Zone
 - Military Training Area
 - Operational Facilities
 - Permanent Staging Facility
 - Permanent Training Facility
 - Activity Specific Training Area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



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Legend

Military Training Type



Emergency Medical Care



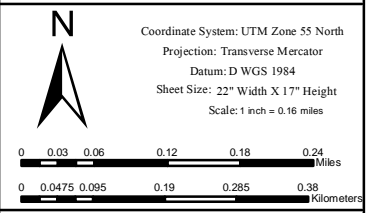
Physical Training



JRM Military
Training Location
AAFB 4
Section 106



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

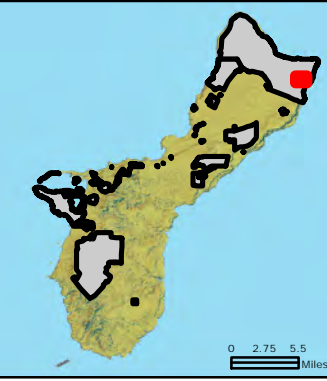


Legend

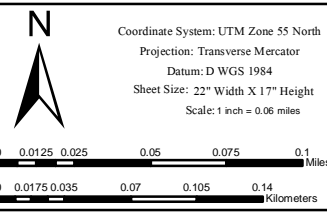
- Military Training Type**
- Emergency Medical Care
 - Field Training Exercise
 - Physical Training

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NAVFAC
Date: 12/16/2020
Contact: NFM GeoReadiness Center: (671) 339-2935
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JRM Military
Training Location
AAFB 17,13,Tower
Section 106



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



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Legend

Military Training Type



CBRN Training



Emergency Response/Rescue



emergency Management



Heavy Equipment Operations



Intelligence, Surveillance, Reconnaissance



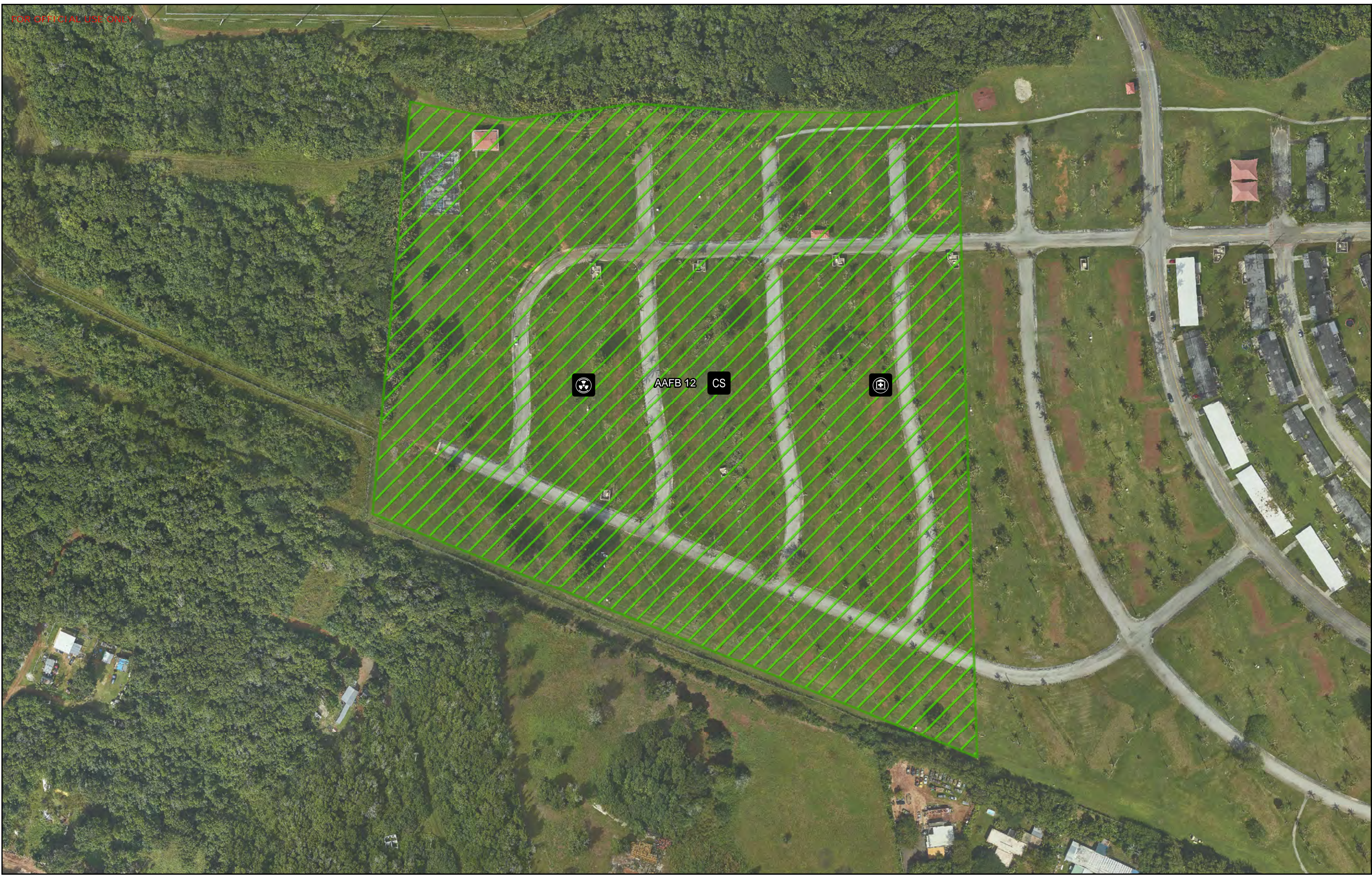
Pallet Build Up



Physical Training



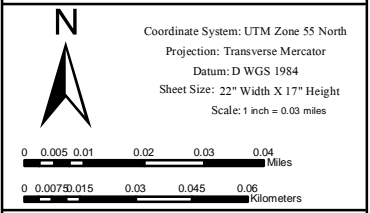
Airfield Seizure



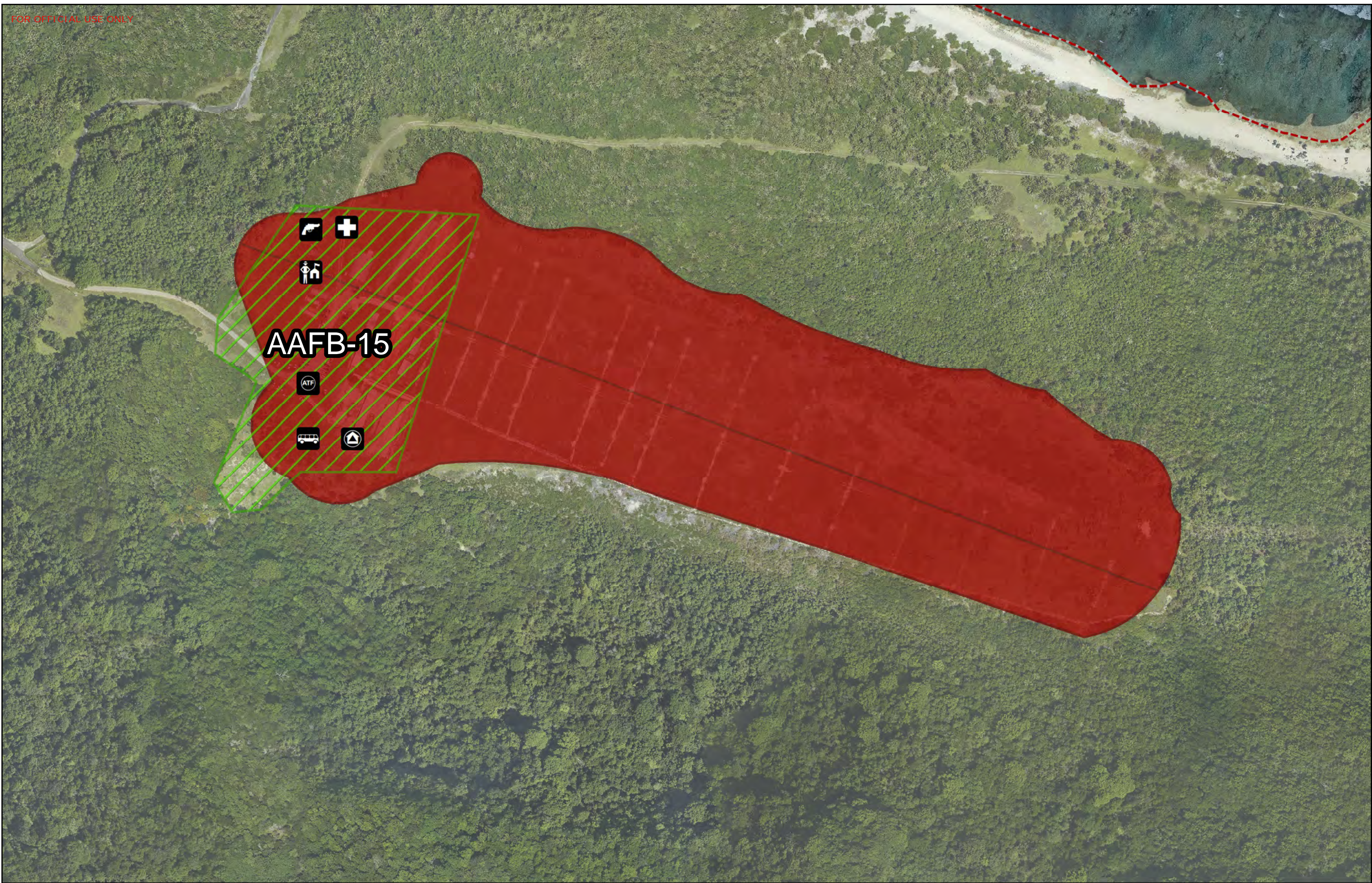
JRM Military
Training Location
AAFB 12
Section 106



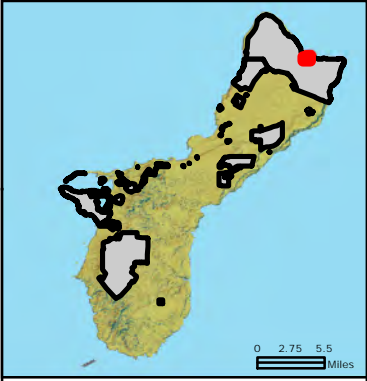
- Legend**
- | Feature | Description |
|---------|-----------------------------|
| | Convoy Routes |
| | Drop Zone |
| | Military Training Area |
| | Operational Facilities |
| | Permanent Staging Facility |
| | Permanent Training Facility |
| | Specific Training Area |
| | Military Range |




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



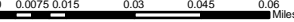
JRM Military
Training Location
AAFB 15
Section 106




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



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 0.0125 0.025 0.05 0.075 0.1 Kilometers




Legend


Military Training Type

 Anti-terrorism/ Force Protection


 Building Security

 Classroom/Administrative

 Emergency Response/Rescue

 Small Arms Training

 Traffic Management

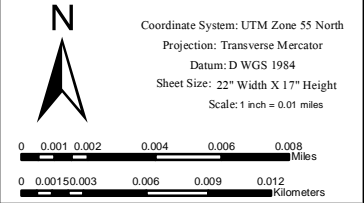
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JRM Military
Training Location
AAFB Hawkeye
Section 106



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



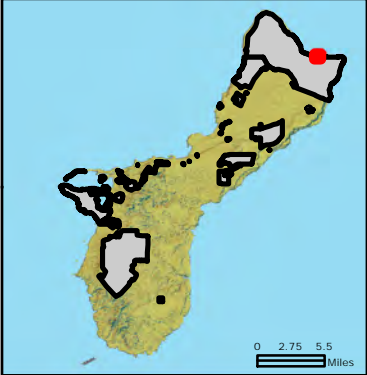
- Legend**
- Military Training Type
- Preventive Maintenance
 - Communications Set Up

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JRM Military
Training Location
AAFB EOD EDS

Section 106



Legend

- Military Range
- Installation Area

Feature Description

- Convoy Routes
- Drop Zone
- Military Training Area
- Operational Facilities
- Permanent Staging Facility
- Permanent Training Facility
- Activity Specific Training Area
- Fleet Exersizes

EOD EDS



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 0.005 0.01 0.02 0.03 0.04 Miles

0 0.01 0.02 0.04 0.06 0.08 Kilometers



Legend

Military Training Type



CBRN Training



Explosives Proficiency



IED/UXO Identification and Response



Land Demolition



Maneuver (Convoy, Land Navigation)

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JRM Military
Training Location
USMC Ranges

Section 106



Legend

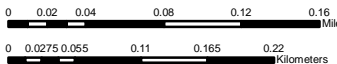
- Military Range
- Installation Area

Feature Description

- Convoy Routes
- Drop Zone
- Military Training Area
- Operational Facilities
- Permanent Staging Facility
- Permanent Training Facility
- Activity Specific Training Area
- Fleet Exercises



Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
Datum: D WGS 1984
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Scale: 1 inch = 0.1 miles



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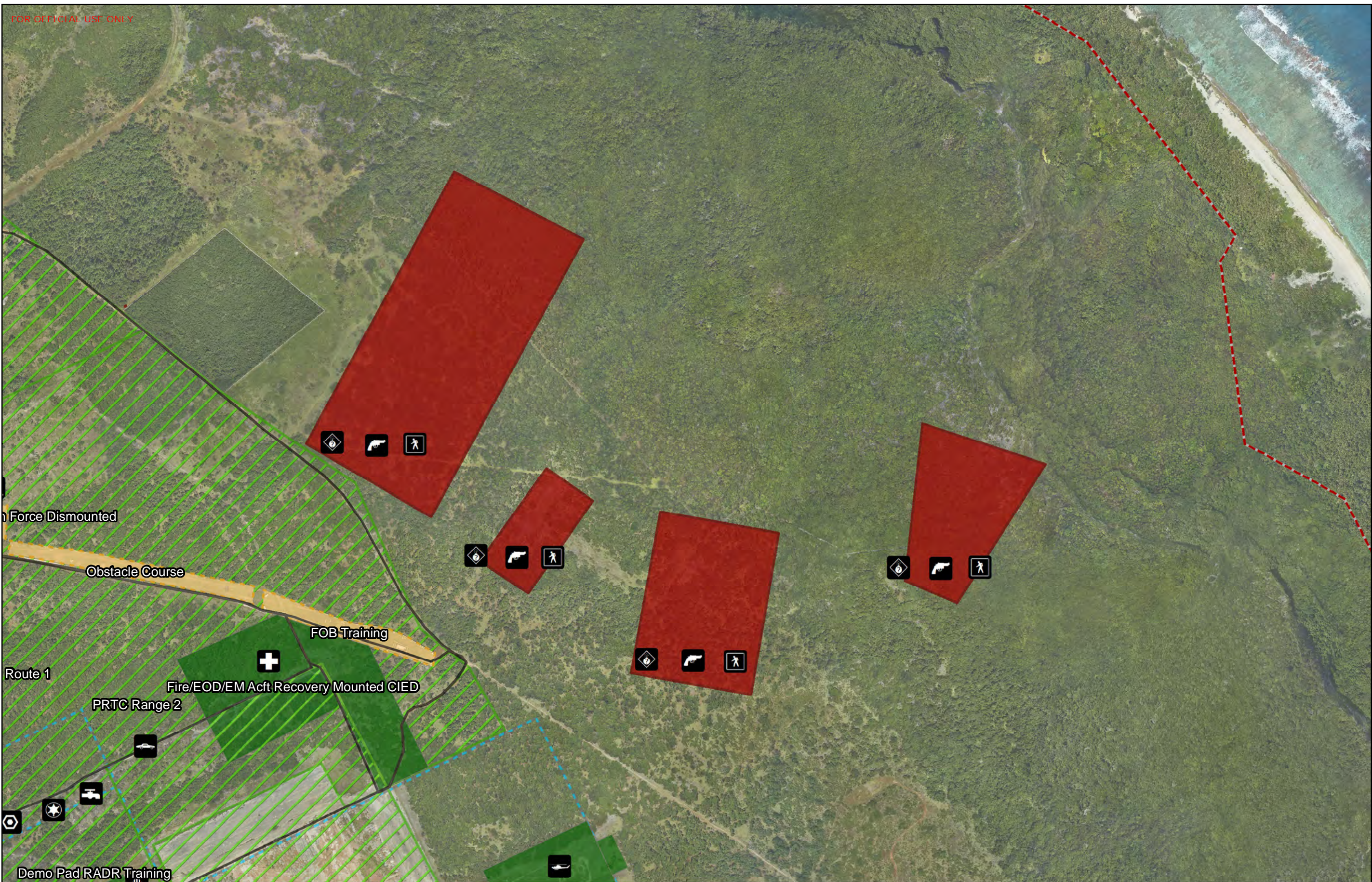
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Legend

Military Training

- Direct Action (Close Quarter Combat)
- Dispersal Training

- Emergency Response/Rescue
- Helo Operations

- IED/UXO Identification and Response
- Land Demolition

- Night Driving
- Physical Training
- Entry Control Point
- Small Arms Training

- Water and Fuel System Repair