

SENECA ARMY DEPOT
ROMULUS, NEW YORK 14541-5001

ENVIRONMENTAL ASSESSMENT
OF THE LOCAL TRAINING AREAS

I. PURPOSE: The purpose of the proposed actions is to meet an integral part of Seneca Army Depot's Mission Statement as directed by DESCOM in providing training areas for Active Component (AC) and Reserve Component (RC) units located in the central and western areas of New York state. The need to expand current training areas and develop new firing ranges are an essential part of Seneca Army Depot's training mission. These areas will greatly enhance the war fighting capabilities of Depot soldiers, Reserve and National Guard soldiers, and DoD security forces.

II. DESCRIPTION OF PROPOSED ACTIONS: Establish local training areas, as required, open currently unused parcels of land for use and training in firing of grenade launchers, mortars, hand grenade practice, and practice demolition range. Other projects include building an Urban Assault Course, aircraft loading mock-ups, and obstacle course.

a. Local Training Areas will be designated in seven general locations as outlined on the general site map. These training areas will be marked as LTAs and numbered as I through VII.

1. LTA I is the area currently known as the hard stand bivouac site. Training to be conducted in this area includes:

- (a) Administrative Bivouac
- (b) Obstacle Course
- (c) CTT
- (d) Field Maintenance
- (e) CPX
- (f) Field Medical Operations
- (g) Communications

2. LTA II is located near a wetlands area and is not conducive to maneuver with heavy vehicles. The location is ideal for a fixed bivouac site and provides excellent training for land navigation, rafting operations, rope bridging operations, mine field crossing, and maneuver through a heavily wooded area. Use of pyrotechnics will be prohibited in this area. Training for various company size and smaller units will include:

- (a) Land Navigation
- (b) Mine Field Crossing
- (c) Bivouac
- (d) CTT
- (e) Rope Bridging
- (f) Rafting
- (g) Communications
- (h) Field Maintenance
- (i) Field Medical Operations

3. LTA III will be used for maneuver and training of various company size and smaller elements. Training will include:

- (a) Land Navigation
- (b) ARTEP, FTX, CPX, METL
- (c) CTT
- (d) Bivouac
- (e) Fire and Maneuver
- (f) Communications
- (g) Field Maintenance
- (h) Field Medical Operations
- (i) MILES Operations (excluding track)

4. LTA IV will be used for maneuver and training of various company sized and smaller units. This will be the normal size of units to be trained, but occasions may arise when units of battalion size may need to train in this area. Training will include:

- (a) Air Assault
- (b) Fire and Maneuver
- (c) Bivouac
- (d) Convoy
- (e) Land Navigation
- (f) Bridging
- (g) CTT
- (h) Rail Head Operations
- (i) Air Load Operations
- (j) Field Medical Operations
- (k) ARTEP, FTX, CPX, METL
- (l) MILES Operations including track
- (m) Drop Zone
- (n) Communications
- (o) Cross Country Maneuvers (including limited wheeled, track, and
dismounted)
- (p) Field Maintenance

The training described above will require the use of blank ammunition, pyrotechnics, limited maneuver of heavy vehicles off road, and removal of small amounts of foliage to permit access to some areas within the training area.

5. LTA V is located in the vicinity of the small arms range and building 2301. Training conducted in this area will include:

- (a) Live Fire
- (b) NBC
- (c) CTT
- (d) Bivouac
- (e) Leadership Reaction
- (f) ARTEP, FTX, CPX, METL
- (g) Communications
- (h) Field Maintenance

6. LTA VI is the airfield and all adjacent airfield operations buildings. Training to be conducted in this area includes:

- (a) Airfield Operations
- (b) Aircraft Maintenance Operations
- (c) Aircraft Loading Operations including hot
- (d) Drop Zone Operations
- (e) CTT
- (f) Communications
- (g) Field Maintenance
- (h) Air Assault
- (i) MILES Operations (excluding track)

7. LTA VII is located in the vicinity north of East-West Base Line Road and east of West Patrol Road as shown on the attached map. This is the area where the proposed M203/Grenade Range, MOUT site, Practice Demolition Range, and Rappelling Tower will be constructed. Training in this area will include:

- (a) Live Fire (inert round and smoke)
- (b) Demolitions
- (c) CTT
- (d) Bivouac
- (e) Rappelling
- (f) MOUT
- (g) Communications
- (h) Field Maintenance
- (i) Field Medical Operations

b. The LTAs will come under the physical and administrative control of the Reserve Component Coordinator.

III. ALTERNATIVES: There are four basic alternatives to the construction of training areas at Seneca Army Depot: conduct no training at Seneca Army Depot, conduct training at other Army installations, maintain the current level of training at Seneca Army Depot, and construct new and expanded training areas at Seneca Army Depot.

a. Conduct no training at Seneca Army Depot.

1. Positive: The positive effects of not training at Seneca Army Depot are the lack of increased cost due to construction and the absence of damage to the environment that would occur should training take place.

2. Negative: Soldiers stationed at Seneca Army Depot, Reserve Component units from central New York, and Seneca security forces will have no accessible training facility. This is counter to current Army policy, AMC, DESCOM and Depot policies and mission. Additionally, training at Seneca Army Depot benefits the local economy.

b. Conduct Training at other Army installations.

1. Positive: Army units that train at other installations will have access to ranges and training areas currently not available at the Depot. Environmental damages that would occur will be avoided and additional cost for construction will not occur at Seneca. Negative environmental effects due to operations will occur at the alternative site rather than at Seneca Army Depot.

2. Negative: Currently the only other training areas available to the soldiers stationed at Seneca and the RC units located nearby is Ft. Drum, New York. This 135 mile trip drains resources such as training time, vehicle and medical support, and travel funds. There is also exposure to possible accident due to travel. In addition, due to budget constraints, travel funds are difficult to obtain. The build up of the 10th Mountain Division has made it difficult for units supported by Seneca and some of those currently supported by Ft. Drum to obtain training facilities at Ft. Drum. Monies spent by soldiers over long periods of time help to benefit the training installation and not the Depot.

c. Maintain the current level of training conducted at Seneca Army Depot.

1. Positive: Units would continue to receive some support for training needs. Environmental impact on the training areas would not increase at a rate faster than now experienced. There would be no increased costs in the areas of construction and administration.

2. Negative: Units would not receive the benefit of availability of local training areas, the economy would not receive the additional boost from local expenditure increases and Seneca Army Depot would not be fulfilling its full mission in the area of training.

d. Construction of new ranges and the addition of new training areas at Seneca Army Depot.

1. Positive: Initially, the construction of new training facilities will be of great benefit to Active Duty and Reserve Component units alike. Seneca Army Depot offers an abundance of training opportunities for most small units located in the central New York region. Its accessibility is more convenient than Ft. Drum and reduces government costs.

New construction starts of the proposed training projects will have a positive economic impact on the area. There is a distinct possibility that the new projects may create more jobs in the local area. Never the less, soldiers who train at Seneca have money and the money they spend will be absorbed either by the Depot facilities or the local economy.

The training of units that align with Depot activities will increase the Depots productivity and be far less expensive than hiring civilian personnel on a temporary basis for large work projects. This will also develop the Depots capability to train with its mobilization and augmentation units.

Training dollars will be spent on direct training rather than training support such as travel and other nonproductive activities. This is more effective use of tax dollars.

2. Negative: The environmental impact of training on the land must be considered a negative. This will be delineated further in the assessment but suffice it to say at this point that most areas of land, water, air, plant, and animals will be affected in a negative manner to some degree by the implementation of the proposed increases in training. Additionally, positive affects that would have been felt at other areas will not occur. A negative social effect due to not conducting training totally or partially, is that the Army could not effectively accomplish its defense mission.

IV. ENVIRONMENTAL IMPACT: Any change to the land use pattern in any unimproved area will cause a change in the environment. The main concern for this project is to make the impact of opening new training areas as minimal as possible. Any impact to the environment will be short termed and the land used will be readily recoverable. This EA will discuss the various impacts the training areas will have on the following areas: land use, habitat, air quality, water quality, flora and fauna, noise, and historical/archaeological sites.

a. Land Use. The proposed training areas will have little effect on the current land use pattern as outlined in the the map contained in the current Depot Environmental assessment document. Training areas will be located in areas already set aside for either training or in areas that are designated as open storage sites. There are no plans to build permanent structures at this time. The training structures to be built will be temporary in nature with no more than a 30 year life span. No elements of the soil are intended to be remove from the land used and neither will contaminates be added. Stringent erosion control procedures will be outlined and enforced by standard operating procedures.

b. Habitats. There are areas on the Depot that are habitats for certain species of animals that are indigenous to this area. Training in the areas specified will not perceivably affect the animals to the degree that they will migrate to other areas not as environmentally stable as the Depot. During peak training season, the wildlife will be disturbed by a large influx of soldiers training in any particular area. Habitats will be disturbed by training noise, troop movement, and track and wheeled vehicle use. Any displacement that will occur will be of a temporary nature and wildlife and plant species will quickly return to the area in the event of its abandonment.

c. Air Quality. This installation is located in an area which is in attainment of state and federal air quality standards. There will be limited impact on local air quality due to vehicle, pyrotechnic, and weapons use emissions.

d. Water Quality. Water quality will not be significantly effected by the establishment of new training areas. No excavations will be allowed that will cause surface soil to erode and drain into any of the creeks or ponds of the Depot. Waste and sewage will not increase significantly beyond current levels.

e. Flora and Fauna. There are no identified species of endangered plants or animals on the Depot. Areas will be managed to ensure impact upon wildlife is minimized. For example, the use of pyrotechnics and heavy wheeled vehicles in LTA II will be prohibited so that the nesting habits of the water fowl in that area will not be affected. The cutting of vegetation will be limited to underbrush and first and second year saplings (under two inches in diameter).

f. Noise. Noise pollution will be a by-product of using training areas. To have effective training, unit commanders must have the use of every training aid available to them. Real war is a very noisy and frightening place. In order to duplicate the sounds and feel of battle, commanders use pyrotechnic devices such as hand grenade and artillery simulators. The use of helicopters is most advantageous in training. Not to be discounted is the planned construction of a training demolition range which will cause considerable noise. Noise controls will be enforced in sensitive areas such as LTA III. Users of the LTAs will use hearing protectors where appropriate.

g. Historical/Archaeological Sites. There are four sites that have been identified as potentially significant. One of these is located in the vicinity of an LTA in the area of the airfield. As no construction or other changes to other terrain are proposed, the impact, over and above that which is now occurring, would be negligible.

IV. Persons/Agencies Consulted.

- a. Randall W. Battaglia, Environmental Engineer, Seneca
- b. Thomas C. Battaglia, Safety Manager, Seneca
- c. Jerry Campbell, Chief, Community Recreation Branch, Seneca
- d. Brent Moss, Director of Environmental Safety, Ft. Drum

STANDARD OPERATING PROCEDURE
LOCAL TRAINING AREAS
SENECA ARMY DEPOT

1. Purpose:
2. Scope:
3. Responsibility
 - a. Depot Commander
 - b. Troop Command Commander
 - c. Director of Ammunition Operations
 - d. Operations Officer, TC
 - e. Commander of SEAD Units
 - f. Director of Law Enforcement & Security
 - g. Director of Special Weapons
 - h. D/EH
 - i. Safety Office
4. Operation:
 - a. LTA Physical Layout See Annex H
 - b. Emergency Notifications
 - c. Traffic Control
 - d. Medical Support (Annex I Evacuation Route)
 - e. Environmental Protection
 - f. Fire Prevention
 - g. Logistical Support
 - h. Standard Operating Procedures (SCP)
5. Communications

STANDARD OPERATING PROCEDURE
LOCAL TRAINING AREAS
SENECA ARMY DEPOT

1. Purpose: Establish uniform procedures and policies applicable to training operations, safety and logistical support of the Seneca Army Depot (SEAD) Local Training Areas (LTAs)

2. Scope: This Standard Operation Procedure (SOP) applies to all unit activities and personnel both military and civilian using LTAs at Seneca. The LTAs may be utilized for collective and individual training but is not limited to small unit tactics, prisoner of war operations, MOUT, Land Navigation, Patrol Operations, Survival Evasion and Resistance, Nuclear, Biological and Chemical (NBC) Warfare and Circulation Control Point (CCP) operations.

3. Responsibility

a. Depot Commander: The Depot Commander has the overall responsibility for the SEAD LTAs.

b. Commander, Troop Command: Commander, Troop Command is responsible to the Depot Commander for staff supervision of all training conducted on the LTAs.

c. Director of Ammunition Operations: The Director of Ammunition Operations will notify C, Operations Division, Troop Command of any operations that will limit or prohibit the use of any area for training.

d. C, Operations Division, Troop Command:

1. The C, Operations Division is responsible for operations, logistical support and training conducted on the LTAs.

2. The C, Operations Division will provide to Security, D/AO, and D/SW on a weekly basis a copy of the training schedule for the LTAs.

3. During the quarterly Reserve Component update meeting, scheduling conflicts for use of the LTAs will be resolved between the affected directorates.

e. Unit Commanders:

(1) The unit commanders will assume responsibility for compliance with this SOP by all members of his unit or activity.

(2) Unit commanders are responsible for requesting ammunition area access for all personnel requiring access to the LTA.

f. Director of Law Enforcement & Security

(1) The Director of Law Enforcement & Security will notify C, Operations Division, Troop Command, of any operations that will limit or prohibit the use of any area for training. Notification will include the following:

- (a) Date of operation
 - (b) Time frame of limitations
 - (c) Training area affected
- (2) Badging of personnel.
 - (3) Ensure all units using the LTAs are cautioned on matters of security.
 - (4) Security patrol of area.
 - (5) Issue photographic equipment authorization.
 - (6) Photographic equipment will not be brought to the LTA unless arrangements have been made with the Security Division

g. Director of Special Weapons: The Director of Special Weapons will notify C, Operations Division, Troop Command of any operations that will limit or prohibit the use of any area for training. Notification will include the following:

- (1) Date of operation
- (2) Time frame of limitations
- (3) Training area affected

h. Director of Engineering and Housing: D/EH will provide support as required to maintain the LTAs in operational condition upon submission of a work request from C, Operations Division, Troop Command.

i. Safety Office:

- (1) Safety Office will provide information to Operations Division TC on any safety hazard and changes to current safety regulations.
- (2) Safety office will perform inspection of the LTAs as required.

4. Operation:

a. LTA physical layout SEE ANNEX H.

b. Emergency notifications. During duty hours any serious incident (i.e. serious injury) will be reported to the Operations Division TC telephone number 30-535/245/483. After duty hours serious incidents will be reported to the Staff Duty Officer/NCO, telephone number 30-351/352/353.

c. Traffic Control:

- (1) All personnel will comply with SEAD Traffic Regulations, posted traffic signs and instructions given them by military or security police.

(2) Speed limit on roads in LTAs as posted. Off-road speed limits will be as prescribed by the appropriate vehicle FM or TM.

(3) Cross Country maneuvers will be allowed only in areas specifically designated in the appendices of this SOP.

d. Medical Support: The U.S. Army Health Clinic is located in Bldg #106, telephone number 41-242. All units will coordinate medical support prior to conducting training. An evacuation route is attached as Annex I.

e. Environmental Protection:

(1) Units will use Porta-A-John type latrines located in the LTAs. The digging of field expedient latrines is prohibited.

(2) Field mess will be coordinated with safety and environmental office. Effluents from field kitchens will not be discharged on the ground.

(3) Chemicals, POL products (to include fuels, waste oils and antifreeze) and other toxic materials will not be discharged on the ground.

(4) All trash and garbage will be deposited in containers at designated points. The digging of pits for trash and garbage disposal is prohibited.

(5) All emplacements (fighting positions) will be completely filled in after their use and prior to the using unit clearing depot.

(6) SEAD Regulation 420-2 will be provided to all units using the training areas and will be adhered to in all questions of hazardous waste management.

f. Fire Prevention:

(1) Using units will have the minimum number of fire extinguishers, as required by the fire department, available when using LTA.

(2) Using units will contact fire department, telephone # 41-316/117, should a fire be started.

g. Logistical Support: Expendable and non-expendable supplies will be brought to the LTAs by each using unit.

h. Standard Operating Procedures: Standard Operating Procedures (SOPs) will be adopted for each training area, submitted to appropriate directorates for concurrence, and included as appendices to this SOP prior to the opening of the area for training.

5. Communication:

a. Communication support will be the responsibility of the using unit unless otherwise coordinated.

b. All telephone poles, cable units and road access terminals in the LTAs are off limits.

c. Units will provide for their own field telephone system within the LTAs. Wire will not be placed on any existing telephone poles. All wire will be tagged and emplaced IAW applicable regulation and will be removed at the conclusion of training.

d. The following frequencies are the only ones authorized for use in the LTAs:

34.65	38.30	41.40	46.65
34.70	38.35	41.45	46.70
34.75	38.40	41.50	46.75
34.80	38.45	41.55	46.80

e. Any other frequencies needed must be requested in writing and approved by the EMR Coordinator, D/SW.

Appendix A
LTA I

1. LTA I is the area currently known as the hard stand bivouac site. Training to be conducted in this area includes:

- (a) Administrative Bivouac
- (b) Obstacle Course
- (c) CTT
- (d) Field Maintenance
- (e) CPX
- (f) Field Medical Operations
- (g) Communications

2. The following limitations to training will be strictly adhered to in LTA I.

- (a) Use of munitions of any type are prohibited in this area.
- (b) Training activities will be limited to those consistent with the specific activities listed in "b" of this part.
- (c) Excavation is prohibited.

Appendix B
LTA II

1. LTA II is located near a wet lands area and is not conducive to maneuver with heavy vehicles. The location is ideal for a fixed bivouac site and provides excellent training for land navigation, rafting operations, rope bridging operations, minefield crossing, and maneuver through a heavily wooded area. Use of pyrotechnics will be prohibited in this area. Training will include:

- (a) Land Navigation
- (b) Mine Field Crossing
- (c) Bivouac
- (d) CTT
- (e) Rope Bridging
- (f) Rafting
- (g) Communications
- (h) Field Maintenance
- (i) Field Medical Operations

2. The following limitations to training will be strictly adhered to in LTA II:

- (a) Aircraft Operations in this area are prohibited.
- (b) Use of munitions of any type are prohibited in this area.
- (c) Excavation is prohibited.

Appendix C
LTA III

1. LTA III will be used for maneuver and training of various company sized elements. Training will include:

- (a) Land Navigation
- (b) ARTEP, FTX, CPX, METL
- (c) CTT
- (d) Bivouac
- (e) Fire and Maneuver
- (f) Communications
- (g) Field Maintenance
- (h) Field Medical Operations
- (i) MILES Operations (excluding track)

2. The following limitations to training will be strictly adhered to in LTA III:

- (a) Use of airborne pyrotechnics is prohibited.
- (b) Use of prolonged burn pyrotechnics is prohibited.
- (c) Excavation is prohibited except as authorized in the SOP.

(Where does SOP authorize excavation?)

Appendix D
LTA IV

1. LTA IV will be used for maneuver and training of various company sized and smaller units. This will be the normal size of units to be trained, but occasions may arise when units of battalion size may need to train in this area. Training will include:

- (a) Air Assault
- (b) Fire and Maneuver
- (c) Bivouac
- (d) Convoy
- (e) Land Navigation
- (f) Bridging
- (g) CTT
- (h) Rail Head Operations
- (i) Air Load Operations
- (j) Field Medical Operations
- (k) ARTEP, FTX, CPX, METL
- (l) MILES Operations including track
- (m) Drop Zone
- (n) Communications
- (o) Cross Country Maneuvers (including limited wheeled, track, and dismounted)
- (p) Field Maintenance

2. The training described above will require the use of blank ammunition, pyrotechnics, limited maneuver of heavy vehicles off road, and removal of small amounts of foliage to permit access to some areas within the training area.

Appendix D
LTA IV

3. The following limitations to training will be strictly adhered to in LTA IV.

(a) Use of airborne pyrotechnics is prohibited.

(b) Use of prolonged burn pyrotechnics (in excess of two minutes) is prohibited.

(c) Use of CS is prohibited.

(d) Excavation is prohibited except as authorized in the SOP.

Appendix E
LTA V

1. LTA V is located in the vicinity of the small arms range and building 2301. Training conducted in this area will include:

- (a) Live Fire
- (b) NBC
- (c) CTT
- (d) Bivouac
- (e) Leadership Reaction
- (f) ARTEP, FTX, CPX, METL
- (g) Communications
- (h) Field Maintenance

2. The following limitations to training will be strictly adhered to in LTA V:

- (a) Use of airborne pyrotechnics is prohibited.
- (b) Use of prolonged burn pyrotechnics other than in designated areas is prohibited.
- (c) Excavation is prohibited.

3. CS Chamber

4. Leadership Reaction Course

5. SMALL ARMS RANGE (OUTDOOR) - SOP

a. PURPOSE: The purpose of this SOP is to prescribe general safety precautions necessary to minimize the possibility of accidents during range operations.

b. SCOPE: This SOP applies to all personnel utilizing the Seneca Army Depot Small Arms Range (Outdoor).

c. RESPONSIBILITIES:

(1) The Installation Command Safety Manager will:

(a) Monitor the effectiveness of enforcement of the installation range safety program.

(b) Investigate incidents or accidents involving weapons or ammunition with firing units.

Appendix E
LTA V

(2) The Facilities Engineers will provide support as necessary to insure maximum operating capacity of the small arms range.

(3) Troop Command (TC), Operations Division will:

(a) Submit work orders, as required, for the maintenance of the range.

(b) Schedule the utilization of the range.

(c) Notify Security Police Headquarters, MEDDAC, and Airfield Operations personnel of the range schedule.

(d) Review and update this SOP as required.

(4) The Commander of the using unit will:

(a) Ensure that all personnel are familiar with range procedures and safety requirements.

(b) Designate an Officer in Charge (OIC). The OIC may be commissioned, warrant, or non-commissioned officer as specified in Table 4-1 of AR 285-63.

(c) Ensure that personnel assigned duties as OIC, Range Safety Officer (RSO), and Assistant RSO are:

1. Competent and properly instructed to perform their assigned duties.

2. Knowledgeable of the weapons being fired on the range for which they are responsible.

(5) The Officer in Charge (OIC) will:

(a) Be responsible for the overall safe conduct of training and proper use of the range facility.

(b) Be present during range operation and so located to control range firing line operations while firing is being conducted.

(c) Supervise the handling and disposition of misfires.

(d) Appoint an RSO if required. If none is appointed, the OIC assumes the additional duties listed in paragraph 3f below.

(e) Ensure that the range is policed upon completion of training.

Appendix E
LTA V

(f) Submit a written report to TC, Operation Division, within three working days after the completion of the range use reporting the number of personnel that fired daily, type of weapons fired, and the number and type of rounds fired.

(g) Telephonically notify MEDDAC (242/243) and Security Police (448/274) when the range becomes operational.

(h) Ensure that the range flag is raised when the range is operational and lowered when cleared.

(i) Establish radio/telephone communications to TC, Operations Division, from Building 2301.

(6) The Range Safety Officer (RSO) will:

(a) Be responsible for the final determination before firing begins that:

1. Weapons are properly positioned.
2. Only authorized ammunition is being used.
3. Appropriate safety measures are taken to ensure that the down range area is clear of personnel.
4. All personnel, firers, safety personnel, and observers are wearing proper hearing protection.

(b) Order an immediate cease fire when any unsafe act or condition is observed.

(c) Inspect all weapons before allowing them on the firing line to ensure that they are operational and pass a functions check.

(d) Ensure that all weapons removed from the firing line are cleared and rodded prior to removal.

(e) Ensure that all weapons remaining on the firing line during breaks in firing are properly cleared and guarded.

(f) Inspect the range for extraneous materials and see that they are removed prior to the opening of the range.

(7) Range safety personnel will perform their assigned duties and may fire only if properly relieved by a non-firing person that meets the prerequisites of the SOP, and referenced safety regulations.

d. RANGE FACILITY: The range has 10 firing positions and is designed for M16, M60, 38 caliber, 45 caliber, 9MM, 12 gauge shotgun, and the LAW.

e. SCHEDULING:

- (1) Requests for SEAD ranges will be submitted to:

Commander
Seneca Army Depot
ATTN: SDSSE-TO
Romulus, New York, 14541-5001

- (2) Units with questions concerning ranges and training at SEAD should call: AV 489-5338 or COMM (607) 869-1338.

(3) Written requests for ranges are due to arrive at Operations Division TC NLT 60 days prior to the desired firing date. This allows reaction time for scheduling and a basis for any changes which may become necessary later. Range requests will be on a DF signed by the using unit's commander and include:

- (a) Date(s) of range use.
- (b) Beginning and ending time of firing for each range day.
- (c) Types of weapons to be fired.
- (d) Number of personnel scheduled to fire each type of weapon.
- (e) Number of personnel present for training reported for the following categories - OFF/WO/EM.
- (f) Name of OIC/RSO.
- (g) POC and telephone number for coordination purposes.

(4) Ammunition: Units using SEAD Small Arms Range will provide ammunition from their own training load. A separate DF should list the ammunition to be brought by DODIC, nomenclature, and number of each type. Also include whether you require storage of the ammunition overnight.

(5) Ambulance/Medical Support: Using units will coordinate their medical and ambulance support through MEDDAC. Normally, the using unit supplies the on-site Medic. Be prepared to do so.

f. SAFETY:

- (1) Hearing protection will be worn by all personnel in the range area while firing is being conducted.

Appendix E
LTA V

(2) Smoking and/or the consumption of food/beverages on the range is prohibited.

(3) Personnel on the range will obey the range and safety personnel at all times.

(4) Firers will proceed in the range operations only on command of the range or safety personnel. No person will "jump ahead" of the procedures.

(5) Quick draw type firing, horseplay and/or hip shooting is prohibited.

(6) CEASE FIRING -- Any person who observes a condition or act that makes firing dangerous will immediately command CEASE FIRE.

g. CLOSING THE RANGE: Upon completion of firing, the OIC will ensure the following actions are accomplished:

(1) Inspect all personnel for unauthorized or excess ammunition.

(2) Notify the Security Police that the range is closed.

(3) Lower the range flag.

(4) Properly store and secure all range equipment.

(5) Police the range area.

(6) Advise the Operations Division, TC, of the number of personnel that utilized the range (CFF/WO/EM).

h. RANGE SAFETY OFFICER: The RSO will:

(1) Brief all firers and coaches concerning potential hazards of the weapons being fired, safety procedures for the range, location of the Medic(s), and the location of range facilities.

(2) Ensure all assistant RSOs are knowledgeable of their duties and are familiar with the use of range equipment.

(3) Comply with all safety criteria as outlined in this SOP and AR 385-63.

i. REFERENCES:

AR 385-63
SEAD Regulation 350-10

Appendix F
LTA VI

1. LTA VI is the airfield and all adjacent airfield operations buildings. Training to be conducted in this area includes:

- (a) Airfield Operations
- (b) Aircraft Maintenance Operations
- (c) Aircraft Loading Operations including hot
- (d) Drop Zone Operations
- (e) CTT
- (f) Communications
- (g) Field Maintenance
- (h) Air Assault
- (i) MILES Operations (excluding track)

2. The following limitations to training will be strictly adhered to in LTA VI:

- (a) Use of munitions of any type are prohibited in this area.
- (b) Excavation is prohibited.

Appendix G
LTA VII

1. LTA VII is located in the vicinity north of East-West Base Line Road and east of West Patrol Road as shown on the attached map. This is the area where the proposed M203/Grenade Range, MOUT site, Practice Demolition Range, and Rappelling Tower will be constructed. Training in this area will include:

- (a) Live Fire (inert round and smoke)
- (b) Demolitions
- (c) CTT
- (d) Bivouac
- (e) Rappelling
- (f) MOUT
- (g) Communications
- (h) Field Maintenance
- (i) Field Medical Operations

2. The following limitations to training will be strictly adhered to in LTA VII:

- (a) Use of airborne pyrotechnics is prohibited.
- (b) Use of prolonged burn pyrotechnics other than in designated areas is prohibited.
- (c) Excavation is prohibited.

3. M203/HAND GRENADE/DEMOLITIONS RANGE

a. PURPOSE: The purpose of this SOP is to prescribe general safety precautions necessary to minimize the possibility of accidents during range operations.

b. SCOPE: This SOP applies to all personnel utilizing the Seneca Army Depot M203/HAND GRENADE/DEMOLITIONS Range.

c. RESPONSIBILITIES:

(1) The Installation Command Safety Manager will:

(a) Monitor the effectiveness of enforcement of the installation range safety program.

(b) Investigate incidents or accidents involving weapons or ammunition with firing units.

(2) The Facilities Engineers will provide support as necessary to insure maximum operating capacity of the small arms range.

(3) Troop Command (TC), Operations Division will:

(a) Submit work orders, as required, for the maintenance of the range.

(b) Schedule the utilization of the range.

(c) Notify Security Police Headquarters, MEDDAC, and Airfield Operations personnel of the range schedule.

(d) Review and update this SOP as required.

(4) The Commander of the using unit will:

(a) Ensure that all personnel are familiar with range procedures and safety requirements.

(b) Designate an Officer in Charge (OIC). The OIC may be commissioned, warrant, or non-commissioned officer as specified in Table 4-1 of AR 285-63.

(c) Ensure that personnel assigned duties as OIC, Range Safety Officer (RSO), and Assistant RSO are:

1. Competent and properly instructed to perform their assigned duties.

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2. Knowledgeable of the weapons being fired or the munitions being used on the range for which they are responsible.

(5) The Officer in Charge (OIC) will:

(a) Be responsible for the overall safe conduct of training and proper use of the range facility.

(b) Be present during range operation and so located to control range firing line operations while firing is being conducted.

(c) Supervise the handling and disposition of misfires.

(d) Appoint an RSO if required. If none is appointed, the OIC assumes the additional duties listed in paragraph 3f below.

(e) Ensure that the range is policed upon completion of training.

(f) Submit a written report to TC, Operation Division, within three working days after the completion of the range use reporting the number of personnel that fired daily, type of weapons fired, and the number and type of rounds fired.

(g) Telephonically notify MEDDAC (242/243) and Security Police (448/274) when the range becomes operational.

(h) Ensure that the range flag is raised when the range is operational and lowered when cleared.

(i) Establish radio/telephone communications to TC, Operations Division.

(6) The Range Safety Officer (RSO) will:

(a) Be responsible for the final determination before firing begins that:

1. Weapons are properly positioned.

2. Only authorized ammunition is being used.

3. Appropriate safety measures are taken to ensure that the down range area is clear of personnel.

4. All personnel, firers, safety personnel, and observers are wearing proper hearing protection.

(b) Order an immediate cease fire when any unsafe act or condition is observed.

(c) Inspect all weapons before allowing them on the firing line to ensure that they are operational and pass a functions check.

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(d) Ensure that all weapons removed from the firing line are cleared and rodded prior to removal.

(e) Ensure that all weapons remaining on the firing line during breaks in firing are properly cleared and guarded.

(f) Inspect the range for extraneous materials and see that they are removed prior to the opening of the range.

(7) Range safety personnel will perform their assigned duties and may fire only if properly relieved by a non-firing person that meets the prerequisites of the SOP, and referenced safety regulations.

d. RANGE FACILITY:

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e. SCHEDULING:

(1) Requests for SEAD ranges will be submitted to:

Commander
Seneca Army Depot
ATTN: SDSSE-TO
Romulus, New York, 14541-5001

(2) Units with questions concerning ranges and training at SEAD should call: AV 489-5338 or COMM (607) 869-1338.

(3) Written requests for ranges are due to arrive at Operations Division TC NLT 60 days prior to the desired firing date. This allows reaction time for scheduling and a basis for any changes which may become necessary later. Range requests will be on a DF signed by the using unit's commander and include:

(a) Date(s) of range use.

(b) Beginning and ending time of firing for each range day.

(c) Types of weapons to be fired.

(d) Number of personnel scheduled to fire each type of weapon.

(e) Number of personnel present for training reported for the following categories - OFF/WO/EM.

(f) Name of OIC/RSO.

(g) POC and telephone number for coordination purposes.

(4) Ammunition: Units using SEAD Small Arms Range will provide ammunition from their own training load. A separate DF should list the ammunition to be brought by DODIC, nomenclature, and number of each type. Also include whether you require storage of the ammunition overnight.

(5) Ambulance/Medical Support: Using units will coordinate their medical and ambulance support through MEDDAC. Normally, the using unit supplies the on-site Medic. Be prepared to do so.

f. SAFETY:

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(1) Firing: Firing will not take place outside of the range firing limit markers. If a marker is knocked down or missing, user unit will cease fire and notify Troop Command, Training and Operations Division (right and left limit markers should be visible to the naked eye at all times).

(2) Vehicles will not be permitted in front of the range firing lines except as indicated below (with the approval of TC, Training and Operations Division):

(a) Ambulance in case of emergency

(b) Support vehicles (except when serving range or setting up)

(3) Hearing protection will be worn by all personnel in the range area while firing is being conducted.

(4) Smoking and/or the consumption of food/beverages on the range is prohibited.

(5) Personnel on the range will obey the range and safety personnel at all times.

(6) Firers will proceed in the range operations only on command of the range or safety personnel. No person will "jump ahead" of the procedures.

(7) Quick draw type firing, horseplay and/or hip shooting is prohibited.

(8) Misfires or Hang Fires

(a) Provisions for the removal of misfires will be IAW AR 385-62, Tab ? AR 385-63, Tab ? , and applicable FM's and TM's. Required time limits must be followed for hang fires or cook offs to prevent injuries as prescribed by applicable FM or TM.

(b) Misfires will be removed from the range prior to range clearance. Any misfire incident that causes a delay in training will be reported to Training and Operations Division. Demolition and mine misfires will be reported to the same.

(9) DUD PROCEDURES

(a) A dud is any explosive munition such as a fuse, projectile, grenade, or artillery simulator which has been fired from a weapon or otherwise activated and failed to detonate. Fired munitions and/or projectiles will not be tampered with. Any object that appears to be a dud will be treated as such.

(b) Commanders are responsible for instructing all personnel that duds are not to be disturbed under any circumstances. In the interest of safety, it is the duty of all personnel to note the exact location of duds and report the same to Operations Division, TC.

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(c) Duds located outside/inside the impact area will be identified on a report to Range Operations including the following information:

1. Range location or training area
- (2) Number of duds
- (3) Type of duds (high explosive, illumination, etc.)
- (4) Name and duty phone of the person who knows the location of the dud
- (5) Caliber/size (60mm, 40mm, etc.)
- (6) Fuzing if known

(d) Range Operations will notify EOD who will, in turn, destroy the dud.

(e) If hand grenade duds occur during live grenade training, throwing will cease immediately and Range Operations will be notified. A live grenade will not be thrown at dud grenades.

(10) CEASE FIRING -- Any person who observes a condition or act that makes firing dangerous will immediately command CEASE FIRE.

g. CLOSING THE RANGE: Upon completion of firing, the OIC will ensure the following actions are accomplished:

- (1) Inspect all personnel for unauthorized or excess ammunition.
- (2) Notify the Security Police that the range is closed.
- (3) Lower the range flag.
- (4) Properly store and secure all range equipment.
- (5) Police the range area.

(6) Advise the Operations Division, TC, of the number of personnel that utilized the range (OFF/WO/EM).

h. RANGE SAFETY OFFICER: The RSO will:

(1) Brief all firers and coaches concerning potential hazards of the weapons being fired, safety procedures for the range, location of the Medic(s), and the location of range facilities.

(2) Ensure all assistant RSOs are knowledgeable of their duties and are familiar with the use of range equipment.

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(3) Comply with all safety criteria as outlined in this SOP and AR 385-63.

i. REFERENCES:

AR 385-62
AR 385-63
SEAD Regulation 350-10

TRAINING AREA

LTA	AREA	ACRES
1	2.73192 SI	62.716253
2	16.5239 SI	379.33771
3	6.93092 SI	159.11202
4	28.7653 SI	660.36041
5	3.01813 SI	69.28673
6	11.8733 SI	272.57346
7	12.3883 SI	284.39623
		$\Sigma = 1,887.8$

SCALE:

1" = 1000'

1 SI = 1,000,000 SF

1 SI = 22.956841 ACRES

N.E. 6.67065 SI
 (153.13705 ACRES)

S.E. 28.446 SI

(653.03029 ACRES)