



ARTILLERY MODELING

AMPS EAST

SEPTEMBER 24 & 25, 2010

MIKE DEL VECCHIO



CALL FOR FIRE

- WHAT IS ARTILLERY?
- AMMUNITION
- ARTILLERY EQUIPMENT
- ARTILLERY POSITIONS
- MODELING SELF PROPELLED ARTILLERY
- MODELING TOWED ARTILLERY
- AMPS RULES
- DETAILS TO ADD TO ARTILLERY
- THE ARTILLERY VIGNETTE
- TOTALLY SPECIAL



FIRING UNIT

- MIKE DEL VECCHIO, MAJOR, FIELD ARTILLERY, RETIRED
 - SERVED IN THE FOLLOWING CAPACITIES OVER MY MILITARY CAREER
 - BATTERY FIRE DIRECTION OFFICER
 - BATTERY EXECUTIVE OFFICER
 - BATTERY COMMANDER
 - BATTALION ASSISTANT OPERATIONS OFFICER
 - BRIGADE FIRE SUPPORT OFFICER
- A PASSION FOR BUILDING MODELS OF ARTILLERY AND ARTILLERY SUPPORT EQUIPMENT!!
- KNOWN IN MANY FORUMS AS „REDLEG12”



SUPPORTING UNIT



- MAJOR (P) GINO QUINTILIANI
 - SERVED IN NUMEROUS ARTILLERY POSITIONS AT THE BATTERY AND BATTALION LEVEL
 - A PASSION FOR MODELING MODERN MILITARY EQUIPMENT ESPECIALLY ARTILLERY AND HELICOPTERS
 - KNOWN TO MANY IN THE FORUM WORLD AS „HEAVY ARTY”



REDLEG-2-SCALE



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HOWITZER, GUN AND MORTAR

- A HOWITZER IS CHARACTERIZED BY A RELATIVELY SHORT BARREL (BARREL LENGTH 15 TO 25 TIMES THE CALIBER OF THE GUN) AND THE USE OF COMPARATIVELY SMALL PROPELLANT CHARGES TO PROPEL PROJECTILES AT RELATIVELY HIGH TRAJECTORIES, WITH A STEEP ANGLE OF DESCENT.,
- THE GUN CHARACTERIZED BY A LONGER BARREL, LARGER PROPELLING CHARGES, SMALLER SHELLS, HIGHER VELOCITIES, AND FLATTER TRAJECTORIES
- THE MORTAR WHICH COULD FIRE AT EVEN HIGHER ANGLES OF ASCENT AND DESCENT.



FIELD ARTILLERY

ARTILLERY TYPES

FIELD ARTILLERY CAN BE BOTH TOWED AND SELF PROPELLED. IT ALSO CAN BE MISSILE.

FIELD ARTILLERY IS A NON LINE OF SIGHT WEAPON WHICH CAN BE FIRED AT LOW ANGLE, LESS THEN 45 DEGREES OR '1600 MILS AND HIGH ANGLE, GREATER THE 45 DEGREES OR '1600 MILS.

CANNON FIELD ARTILLERY CAN VARY IN SIZE, SOME MODERN STANDARD SIZES ARE 105, 122, 152, 155 AND 203 MM.

CANNON FA RANGES UP TO 30 KM, MISSILE ARTILLERY MAY HAVE EVEN GREATER RANGES





ARTILLERY TYPES

KNOWN AS THE INFANTRY POCKET
ARTILLERY

MORTARS FIRE AT HIGH ANGLE
ONLY, ELEVATION GREATER THAN 45
DEGREES OR 1600 MILS.

TYPICAL MODERN MORTAR CALIBRES
ARE 60, 81, 107, AND 120 MM.

RANGES FOR MORTARS ARE UP TO
10 KM.

MORTARS TYPICALLY HAVE A HIGH
RATE OF FIRE, 6 -10 RDS/MIN.



ANTI-TANK ARTILLERY

ARTILLERY TYPES

CREATED AS COUNTER TO TANKS
AFTER WWI.

THE CANNON ANTI-TANK ARTILLERY
ARE DIRECT FIRE OR LINE OF SIGHT
WEAPONS. THEY ARE TYPICALLY GUNS
FIRING AT A HIGHER VELOCITY WITH A
FLAT TRAJECTORY. THESE WEAPONS
WOULD ONLY FIRE AT LOW ANGLE,
LESS THAN 45 DEGREES OR 1600
MILS

ORIGINALLY TOWED WEAPONS, BY THE
END OF WWII ALMOST ALL WERE
SELF PROPELLED OR TANK
DESTROYERS.

SLOWLY THE CANNON WAS REPLACED
BY RECOILLESS RIFLES AND THEN
MISSILES.

MODERN ANTI-TANK ARTILLERY IS
STRICTLY MISSILE, SUCH AS THE TOW
US WWII CANNON CALIBERS WERE
37, 57, 75 & 90 MM ALSO 3 INCH.



ANTI- AIRCRAFT ARTILLERY

ARTILLERY TYPES

LIKE ANTI-TANK ARTILLERY, IT WAS BORN DURING WWI WITH THE USE OF THE AIRPLANE FOR WARFARE.

SPANS MANY DIFFERENT WEAPONS FROM MACHINE GUNS, AUTOMATIC CANNON, FLAK CANNON TO MISSILES. ANY WEAPON DESIGNED TO COUNTER BATTLEFIELD AIRCRAFT

SOME OF THE WELL KNOW WEAPONS ARE THE QUAD 50 CAL. BOTH TOWED OR THE M16 HALF TRACK, 40 MM BOFOS GUN, 88 MM FLAK, PATRIOT MISSILE



COAST ARTILLERY

ARTILLERY TYPES

COAST ARTILLERY WERE LARGE CALIBER GUNS PERMANENTLY POSITIONED ALONG THE COAST FOR DEFENSE AGAINST NAVAL ATTACK. THERE WERE LARGE GUNS, USUALLY BORN FROM NAVAL GUNS, HAVING CALIBERS OF 12 INCHES OR GREATER.

THE US COAST ARTILLERY WAS DISBANDED IN THE EARLY 60S AND MOST GUN POSITIONS WERE DISMANTLED OR TURNED INTO MUSEUMS



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SELF PROPELLED ARTILLERY

ARTILLERY MODE

SELF PROPELLED ARTILLERY.
EITHER TRACKED, HALF TRACK
OR WHEELED.

A SELF PROPELLED UNIT HAS A
INTEGRAL ENGINE TO PROPEL
THE WEAPON.

EARLY SELF PROPELLED
ARTILLERY HAD OPEN FIGHTING
COMPARTMENT. MORE MODERN
VERSIONS USED CLOSED
FIGHTING COMPARTMENTS.



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TOWED ARTILLERY

ARTILLERY MODE

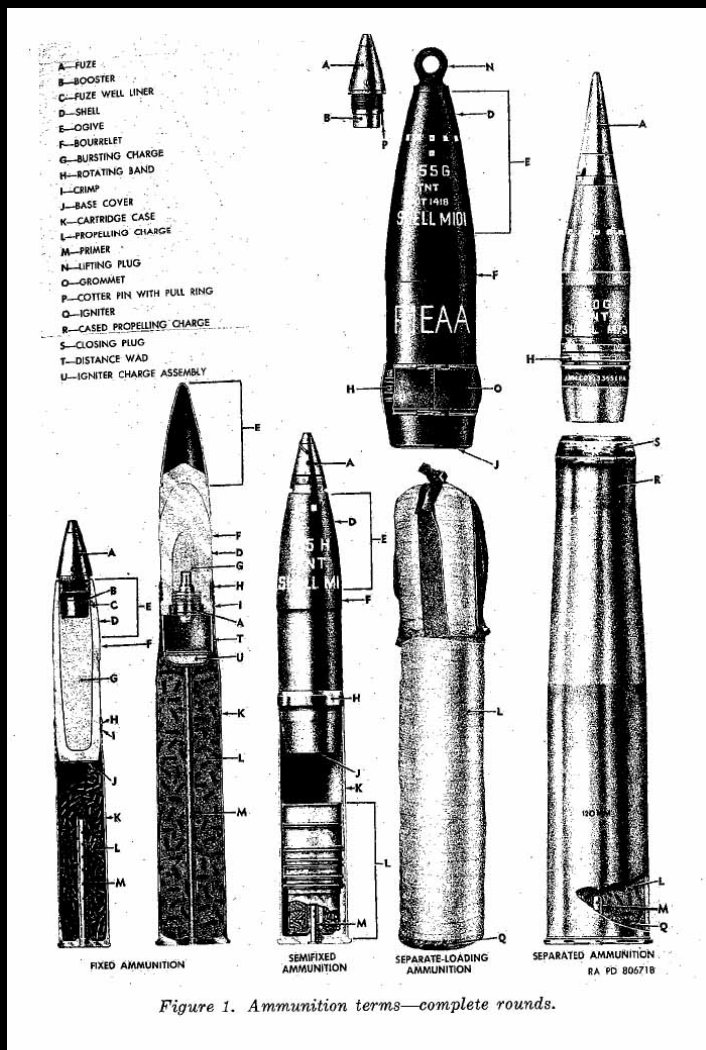
TOWED ARTILLERY IS THE
OLDEST FORM OF MOVABLE
ARTILLERY. FROM HORSE
DRAWN, TO TRUCK PULLED TO
DROPPED IN BY HELICOPTER.



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AMMUNITION



- ARTILLERY AMMUNITION
 - FIXED
 - SEMI- FIXED
 - SEPARATE LOADING
 - MORTAR



FIXED AMMUNITION

ARTILLERY AMMUNITION

FIXED AMMUNITION IS A SINGLE UNIT. THE POWDER CHARGE IS FIXED AND NOT CHANGED NO MATTER WHAT RANGE IS FIRED. TANK, ANTI-TANK AND ANTI-AIRCRAFT CANNON AMMUNITION IS TYPICALLY FIXED AMMUNITION. FIXED AMMUNITION NORMALLY USES FAST BURNING POWDERS GIVING HIGH VELOCITY ROUNDS. THIS TYPE OF AMMUNITION IS NORMALLY FIRED FROM GUNS.



SEMI – FIXED AMMUNITION

ARTILLERY AMMUNITION

SEMI – FIXED AMMUNITION
STILL USES A CASING TO HOLD
THE POWDER AND PRIMER. THE
PROJECTILE IS LOOSE FROM THE
CASING.

POWDER IS IN BAGS AND CAN
BE ADJUSTED DEPENDING ON
THE RANGE TO BE FIRED.



SEPARATE LOADING AMMUNITION

ARTILLERY AMMUNITION

SEPARATE LOADING AMMUNITION IS SIMILAR TO SEMI — FIXED AS THE POWDER CHARGE CAN BE ADJUSTED BASED ON THE RANGE TO BE FIRED.

SEPARATE LOADING AMMUNITION IS USED ON LARGE CALIBER ARTILLERY, TYPICALLY LARGER THEN 125MM.

AMMUNITION IS A SEPARATE PROJECTILE, POWDER CHARGE AND PRIMER.



REDLEG-2-SCALE



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MORTAR AMMUNITION

ARTILLERY AMMUNITION

MORTAR AMMUNITION USES ATTACHED PROPELLANT CHARGES (CHEESE). THESE CHARGES CAN BE ADJUSTED BASED ON RANGE TO BE FIRED.

THE PRIMER IS INTEGRAL IN THE DESIGN.



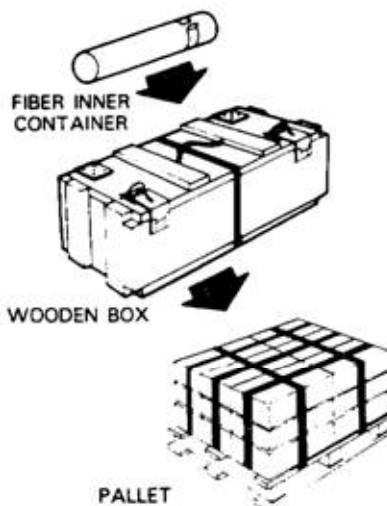
AMMUNITION PACKAGING

PACKAGING

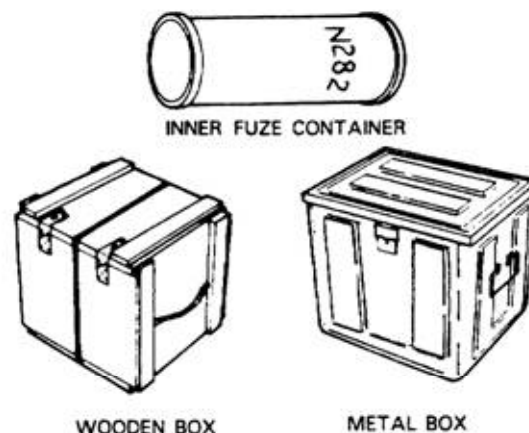
SMALLER CALIBER AMMUNITION, EITHER FIXED, SEMI FIXED OR MORTAR, CAN BE PACKAGED IN FIBER TUBES. MOST TIMES THESE TUBES ARE THEN PACKAGED IN CRATES OF MULTIPLE ROUNDS AND PALLETIZED.

SEPARATE LOADING AMMUNITION HAS SEPARATE PALLETIZED PACKAGING FOR PROJECTILES, POWDER INCREMENTS AND PRIMERS.

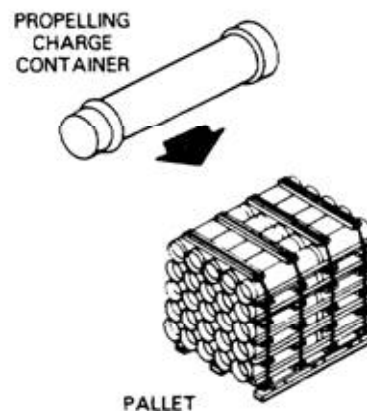
37mm CARTRIDGE PACKING



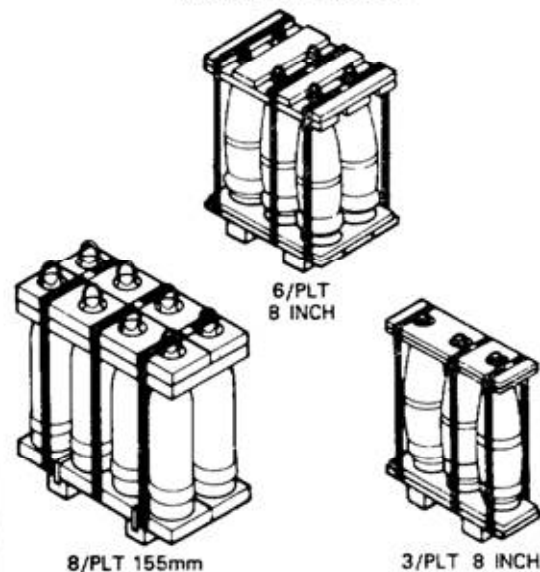
FUZE PACKING CONTAINERS



PROPELLING CHARGE PACKING



PROJECTILE PALLETS



AMMUNITION PACKAGING

PACKAGING

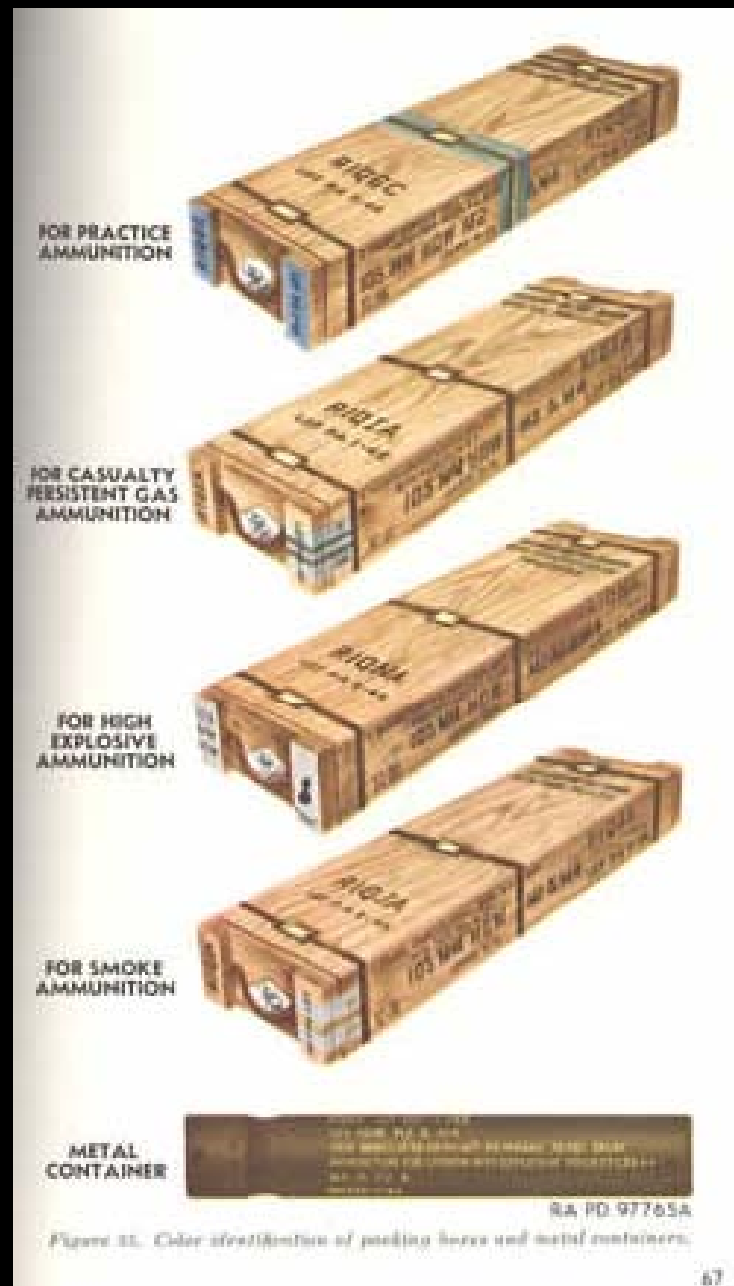
TUBES AND CRATING ARE
NORMALLY BANDED.

CRATES AND PALLETS WILL
HAVE STENCIL MARKINGS OF
THE AMMUNITION SIZE, TYPE,
AND LOT

CRATES WILL NORMALLY HAVE
ROPE HANDLES

TUBES ARE TAPED CLOSED AT
THEIR CAPS

FUSES ARE NORMALLY PACKED
IN 50 CAL SIZE AMMUNITION
CANS.



AMMUNITION MARKINGS

COLOR CODING

AMMUNITION IS NORMALLY COLOR CODED FOR THE TYPE. CHECK YOUR RESEARCH AND ERA FOR HOW ROUNDS WERE CODED

MARKINGS

ROUNDS WILL BE STENCILED WITH THEIR LOT, TYPE, SIZE AND WEIGHT

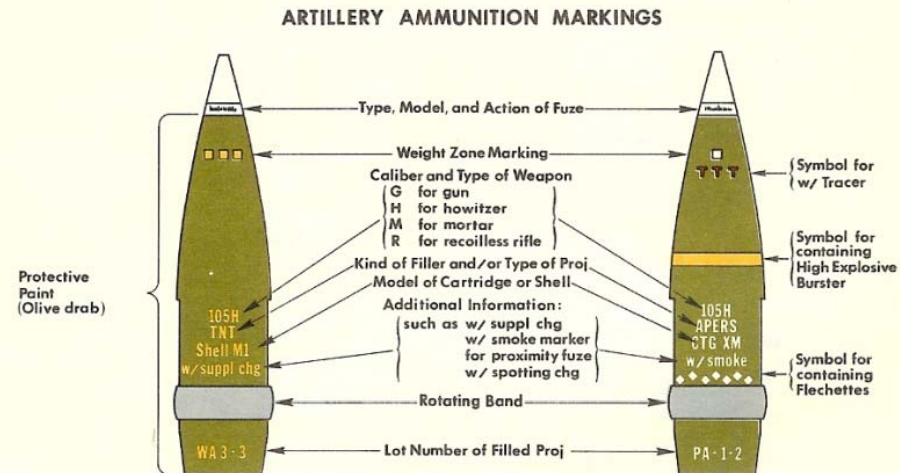
FUSES

FUSES ALSO VARY IN COLOR BASED ON TYPE

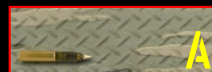
ROTATING BAND

NORMALLY A COPPER COLOR

Figure 7-4. Artillery ammunition markings.
7-11



REDLEG-2-SCALE



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ARTILLERY POSITIONS



- **DELIBERATE**
 - A PLANNED AND WELL LAID OUT POSITION. USUALLY USED FOR A PERIOD OF TIME BY THE UNIT
- **HASTY**
 - A QUICK EMPLACEMENT TO RESPOND FOR SUPPORT
- **UNCONVENTIONAL**
 - OUT OF THE BOX!!



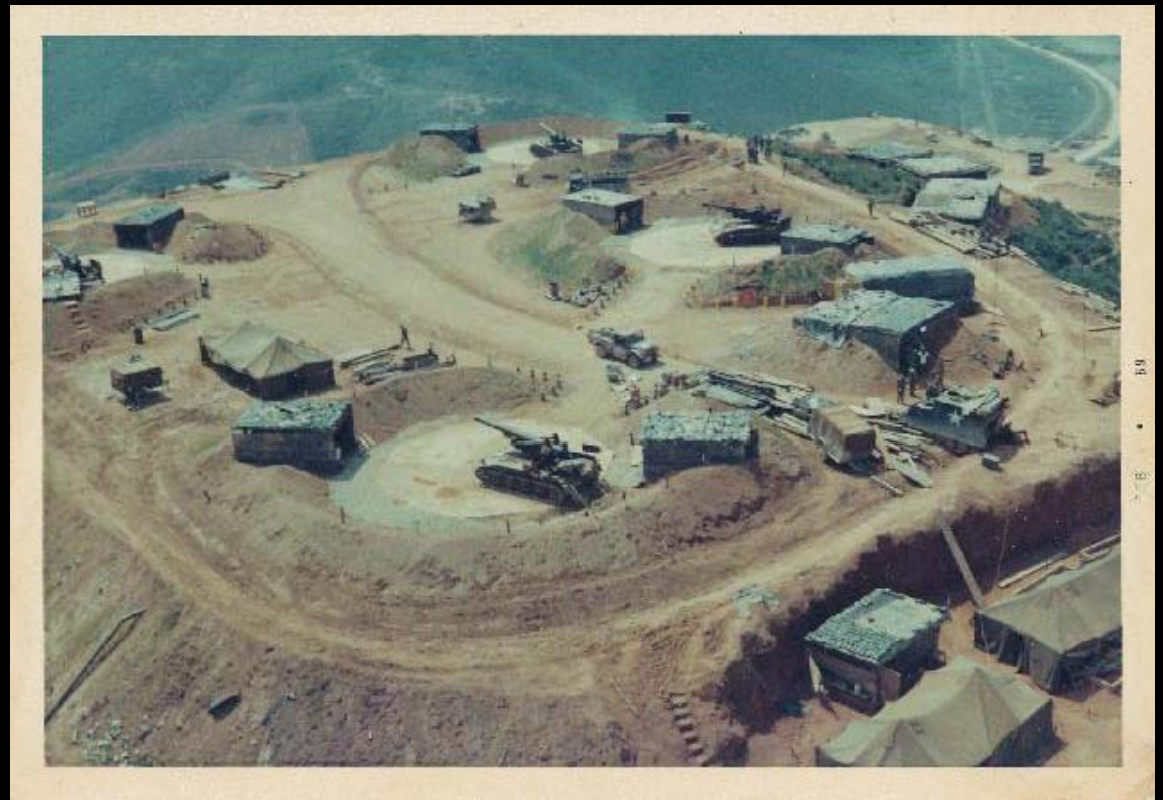
DELIBERATE POSITION

DELIBERATE

WELL THOUGHT OUT FOR BOTH
FIRE SUPPORT AND FOR
POSITION DEFENSE.

THE POSITION CAN BE PREPARED
FOR LONG TERM OCCUPATION.

WILL INCLUDE POSITIONS FOR
GUN SECTIONS, FIRE DIRECTION,
AMMUNITION ALONG WITH
BATTERY HQ



HASTY POSITIONS

HASTY

QUICKLY LAID OUT TO PROVIDE
RAPID SUPPORT.

THESE POSITIONS CAN BE
OCCUPIED BASED ON AN
IMMEDIATE CALL FOR FIRE OR
BASED ON A RAID TYPE
MISSION.

IN SOME CASES A HASTY
POSITION CAN BE IMPROVED TO
BE A MORE DELIBERATE
POSITION AS THE TACTICAL
SITUATION DICTATES.



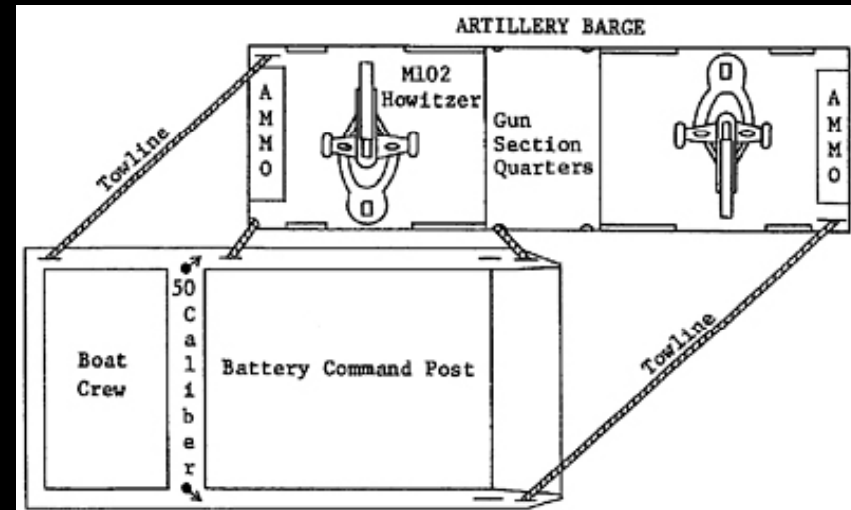
UNCONVENTIONAL POSITIONS

UNCONVENTIONAL

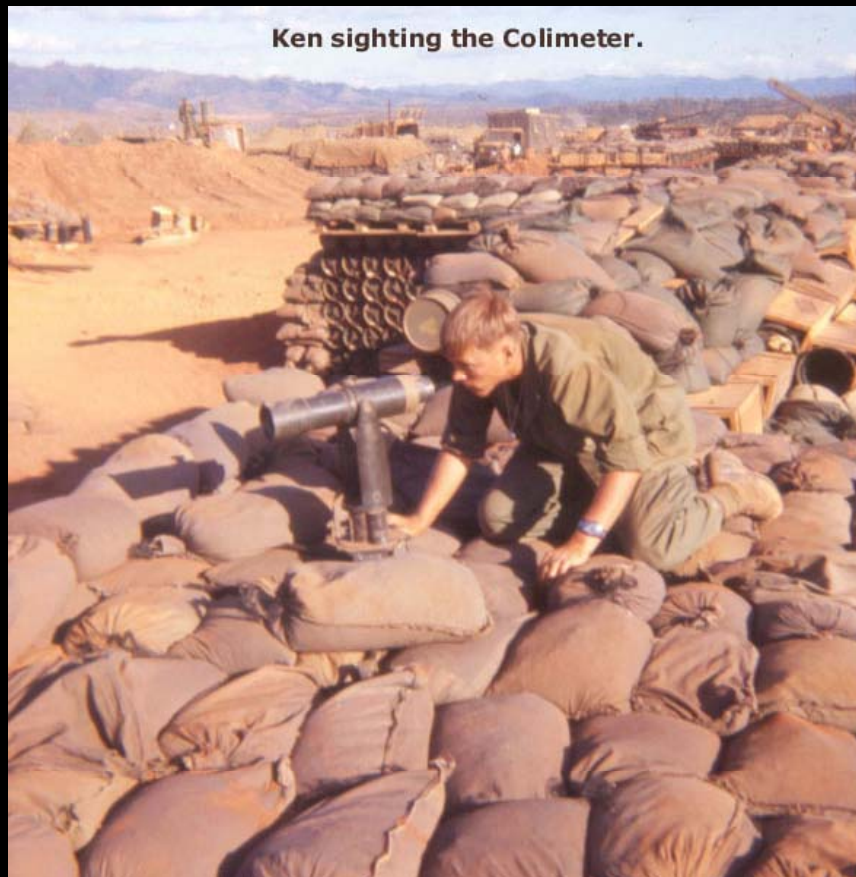
THIS IS THE MODIFICATION OF A
NON-STANDARD AREA.

A EXAMPLE SHOWN HERE IS
THE ARTILLERY BARGES USED IN
VIETNAM.

OTHER EXAMPLES ARE THE
105MM MOUNTED IN THE DUKW
OR ARTILLERY IN LANDING
CRAFT.



ARTILLERY EQUIPMENT



- RAMMING STAFFS
- COLLIMATOR
- AIMING POSTS
- SECTION CHEST
- DUNNAGE
- COMMUNICATIONS
- FUSE CANS
- TARPS AND GUN COVERS
- ADDITIONAL WHEELS



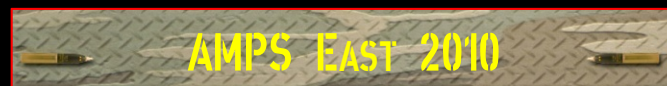
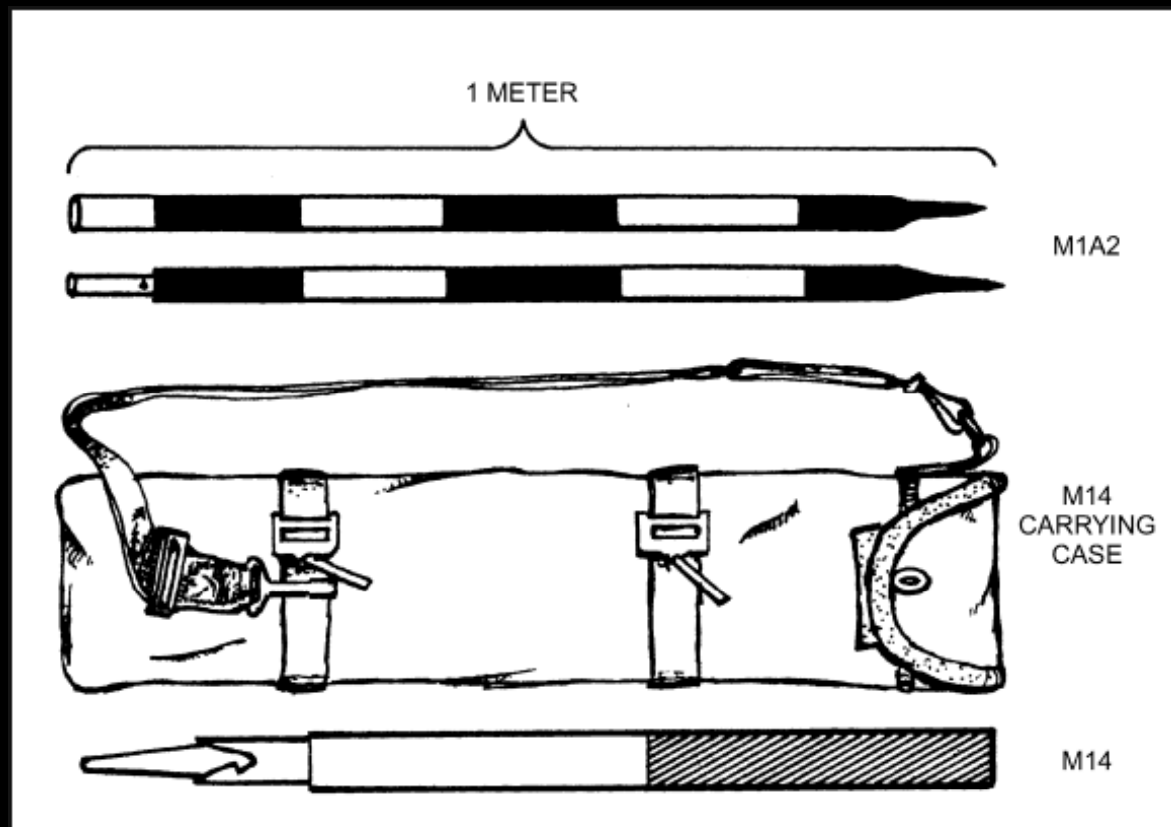
ARTILLERY EQUIPMENT

AIMING EQUIPMENT

COLLIMATOR, AIMING POSTS
PANORAMIC TELESCOPE,
ELBOW TELESCOPE

THE PANORAMIC TELESCOPE IS USED TO SET THE DEFLECTION (AZIMUTH) ON THE WEAPON BASE ON EITHER DIRECT TARGET SIGHTING OR SIGHTING ON A REFERENCE.

AIMING POSTS ARE USED AS A SURVEYED REFERENCE. THESE ARE REPLACED WITH THE MORE ACCURATE INFINITY COLLIMATOR
ELBOW TELESCOPE IS USED FOR DIRECT



ARTILLERY EQUIPMENT

COMMUNICATIONS

IN ORDER FOR THE GUN CREWS
TO COMMUNICATE WITH THE
FIRE DIRECTION CENTER EITHER
RADIOS OR WIRE CONNECTED
TELEPHONES ARE USED



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ARTILLERY EQUIPMENT

FIRING EQUIPMENT

RAMMING STAFFS

SECTION CHEST

DUNNAGE

FUSE CANS

PAIL & BORE BRUSH

EQUIPMENT USED IN FIRING THE WEAPON. RAMMING STAFF FOR CLEANING AND RAMMING SEPARATE LOADING AMMO. SECTION CHEST FOR FUSE WRENCHES AND OTHER GUN EQUIPMENT.. A PAIL WITH BORE BRUSH TO SWAB THE BORE.



ARTILLERY EQUIPMENT

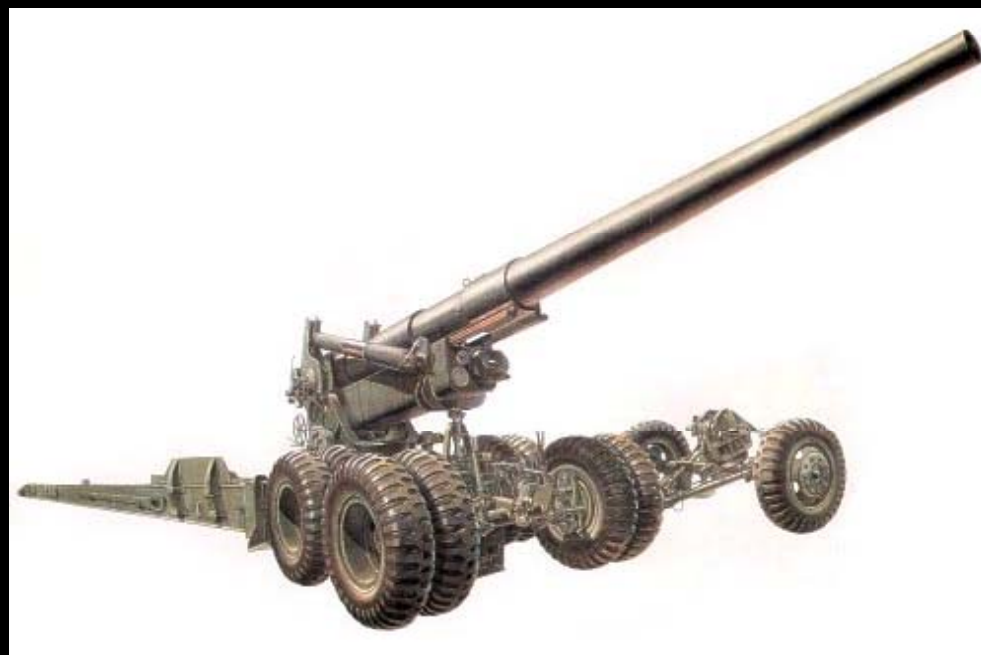
TRAVELING EQUIPMENT

TARPS AND GUN COVERS

ADDITIONAL WHEELS

SPECIAL TOWING WHEEL SET AS
USED FOR THE M1 (M59)
155MM LONG TOM WHEN
PULLED BY THE M4 18TON
HST.

TARP, BARREL COVERS, TRAVEL
MARKERS TO COVER THE BARREL
WHEN TRAVELING.



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MODELING SELF PROPELLED ARTILLERY



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IT'S NOT A TANK!!



- DO NOT OVERDO THE GEAR....ARTILLERY IS READY TO FIRE, EVEN WHEN TRAVELING
- NO STORAGE IN THE FIGHTING COMPARTMENT EXCEPT AMMUNITION



MODELING TOWED ARTILLERY



REDLEG-2-SCALE

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MODELING INFORMATION

- IF YOU SHOW THE WEAPON EMPLACED, THE TRAILS OR SPADES SHOULD BE POSITIONED AND EITHER PARTIALLY DUG IN OR WITH MATERIAL BEHIND IT LIKE LOGS TO ADSORB THE RECOIL
- AMMUNITION SHOULD BE LAID OUT TO THE REAR EITHER ON THE GROUND, ON THE PRIME MOVER OR AMMUNITION VEHICLE. AMMUNITION WOULD NORMALLY BE SEPARATED BY TYPE AND LOT.
- A SECTION CHEST AN COMMUNICATION EQUIPMENT WILL BE TO ONE SIDE OF THE WEAPON REAR.
- A FUSE CAN AND PAIL WITH BORE BRUSH WILL BE NEAR THE BREECH
- COVERS AND TRAVEL WHEELS WILL BE TO THE SIDE AND MAYBE SOMEWHAT FORWARD BUT OUT OF THE WAY DURING FIRING.
- AIMING POLES AND COLLIMATORS WILL BE IN RIGHT FRONT OF THE WEAPON



MODELING INFORMATION

- PIONEER TOOLS USED TO HELP DIG IN THE SPADES WOULD BE OFF WITH THE WHEELS AND TARPS OR TO THE REAR OF THE AMMUNITION.
- FUSE CANS WILL BE IN THE SAME AREA AS THE AMMUNITION, PRIMER CANS WILL BE NEAR THE BREECH.
- DUNNAGE WILL BE TO THE SIDE OR SIDE REAR OF THE WEAPON. FIBERS AND CRATES TO THE REAR OF THE AMMUNITION. SPENT CASINGS TO THE LEFT SIDE OF THE WEAPON.



AMPS RULES FOR ARTILLERY/ORDNANCE

- ***CATEGORY VI, ORDNANCE:*** THIS CATEGORY IS DEFINED AS TOWED ORDNANCE AND OTHER TOWED OR STATIONARY MILITARY EQUIPMENT. THERE ARE SEVERAL SPECIAL CASES THAT HAVE COME UP IN THIS CATEGORY. THE FOLLOWING GUIDELINES AND EXCEPTIONS ARE PROVIDED TO COVER QUESTIONS DEALING WITH PROJECTS FALLING OUTSIDE OF AMPS' USUAL REQUIREMENT FOR A MODEL TO BE „RELATING TO GROUND FORCES SINCE 1899”.
- BECAUSE MANY ARTILLERY SUBJECTS USED IN THE 20TH CENTURY WERE PRODUCED BEFORE THE 1899 CUT-OFF DATE THIS CATEGORY IS OPEN TO ANY „CANNON” OR „GUN” WITH CLOSED BORE TUBES USING A CHEMICAL CHARGE TO PROPEL A PROJECTILE. PIECES USING SPRING POWER OR COUNTER WEIGHTS, UNLESS PLAINLY BEING MILITARY SUBJECTS BUILT AFTER 1899, ARE INELIGIBLE. FOR EXAMPLE, BALLISTAE OR CATAPULTS FROM THE ROMAN ERA ARE INELIGIBLE. BY CONTRAST, WW I BOMB-THROWING CATAPULTS, PIATs, OR AIR PRESSURE MORTARS ARE ELIGIBLE.
- IN KEEPING WITH THE GROUND FORCES THEME, PROJECTS INCLUDING PHYSICAL PARTS OF NAVAL VESSELS (PORTIONS OF DECKS, TURRETS ETC.) OR AIRCRAFT ARE INELIGIBLE UNLESS THEY ARE CLEARLY A GROUND FORCES WEAPON TEMPORARY MOUNTED. EXAMPLES OF ELIGIBLE SUBJECTS INCLUDE:
 - VIETNAM ERA US 105MM HOWITZER ON RIVER BARGE OR PONTON
 - GERMAN FLAK 38 ON A FERRYBOAT
- EXAMPLES OF INELIGIBLE SUBJECTS:
 - US 37MM CANNON W/O WHEELS LASHED TO PT BOAT BOW
 - GERMAN 20MM FLAK GUN ON SHIPBOARD MOUNT.
- **ROCKETS AND MISSILES:** IN ORDER TO BE ELIGIBLE THE ROCKET OR MISSILE MUST BE ON A GROUND OR VEHICLE-MOUNTED LAUNCHER OR IN A TRANSPORT CRADLE. FOR EXAMPLE, A GERMAN V-2 (A-4) MISSILE SHOWN IN FLIGHT WOULD NOT QUALIFY, BUT A V-2 DEPLOYED FOR LAUNCH ON ITS LAUNCHER OR IN TRAVEL MODE ON A CARRIER TRAILER WOULD QUALIFY.



AMPS RULES FOR ARTILLERY/ORDNANCE

- **JUDGES NOTE:** THIS CATEGORY IS FOR TOWED ORDNANCE. WITH THE EXCEPTION OF SOME MODERN ARTILLERY PIECES, MISSILES OR TRAILERS WITH SMALL AUXILIARY POWER UNITS, SUBJECTS WITH DRIVER CONTROLS AND ENGINES BELONG IN OTHER CATEGORIES. ORDNANCE THAT IS TYPICALLY DISCONNECTED FROM THE PRIME MOVER FOR USE SUCH AS TOWED AT GUNS, THE US ATOMIC CANNON, THE SOVIET SA-2 MISSILE ON ITS TRANSPORT TRAILER, PATRIOT MISSILE RADAR, AMMUNITION TRAILERS OR GERMAN FLAK SEARCHLIGHT ARE ELIGIBLE FOR CATEGORY VI, EVEN WITH THE PRIME MOVER CONNECTED. SOME EXAMPLES BELONGING ELSEWHERE ARE: SCUD MISSILE TRANSPORTER-ERECTOR-LAUNCHERS OR KATYUSHA ROCKET LAUNCHERS (CATEGORY V, WHEELED VEHICLES); US M12 155MM OR GERMAN PANZERJAGER 38(T) SELF-PROPELLED GUNS (CATEGORY IV, OPEN TOP OR VEHICLES WITH OPEN HATCHES WITH INTERIORS); STURMMÖRSER TIGER OR SOVIET ISU-152 (EITHER CATEGORY I, II, III, OR IV AS WITH OTHER TRACKED OR SEMI-TRACKED VEHICLES).
- SINCE THIS CATEGORY IS DESIGNED TO PRESENT TOWED ORDNANCE OR MILITARY EQUIPMENT, DISCONNECTED FROM THE PRIME MOVER OR IN THEIR EMPLACED POSITION, DETAILS PRESENTED IN PROXIMITY OF THE MODEL TO REPRESENT SUPPORT ITEMS USED BY OR CARRIED ON THE EQUIPMENT MAY ALSO BE JUDGED AND COUNTED WITHIN THE CONSTRUCTION GROUP UNDER HULL, CHASSIS, AND TURRET DETAILING.
- EXAMPLES OF THESE TYPES OF ITEMS ARE ARTILLERY AMMUNITION, AMMUNITION CRATES, RAMMING STAFFS, AIMING POSTS (COLLIMATOR), FUSE CANS. SECTION CHESTS, ARTILLERY TOOLS, GENERATOR OR ITEMS PUT TO THE SIDE NORMALLY USED IN TOWING SUCH AS COVERS TARPS OR TOWING WHEELS. EXAMPLE OF ITEMS THAT DO NOT QUALIFY ARE COMMON MILITARY POSITION IMPROVEMENT ITEMS SUCH AS SANDBAGS, CAMOUFLAGE NETS, CREW SERVED WEAPON POSITIONS.



ADDED DETAILS FOR ARTILLERY

- THOSE ITEMS ON THE WEAPON WHICH ARE ARTILLERY
 - LANYARD
 - MUZZLE PLUG
 - CHRONOGRAPH





PSGGB





MUZZLE PLUG

HERE YOU CAN SEE IT ON A
RETAINING CORD HANGING FROM
THE BARREL

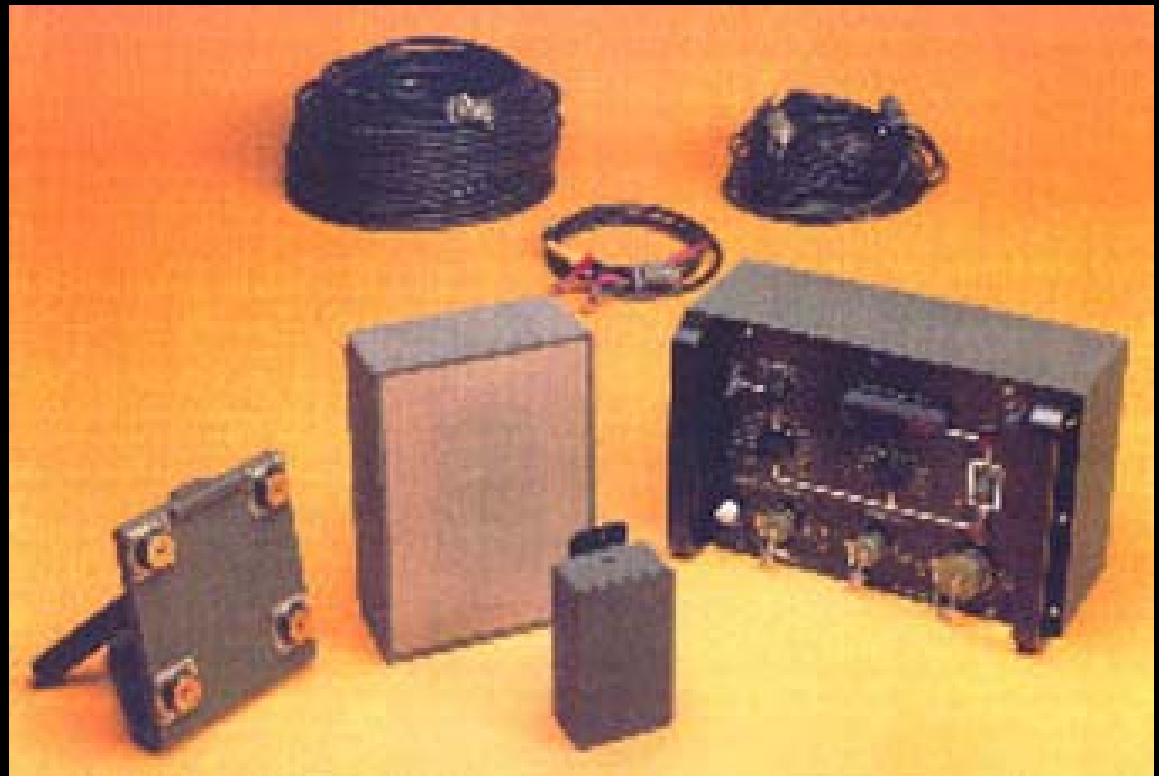


CHRONOGRAPH

M90 RADAR CHRONOGRAPH

USED TO MEASURE THE VELOCITY OF THE FIRED ROUND. THE RADAR ANTENNA AND HOLDER ARE MOUNTED ON A BRACKET SOMEWHERE NEAR THE BARREL.

THE VELOCITY INFORMATION IS USED TO CALIBRATE THE WEAPON TO THE LOT OF AMMUNITION AND WEAR ON THE WEAPON.



REDLEG-2-SCALE

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THE ARTILLERY VIGNETTE

- **ARTILLERYMEN**

- ALMOST ALL FIGURES ARE WRONG FOR ARTILLERY
- WITH THE EXCEPTION OF THE MODERN ACU VEST, ARTILLERYMEN DO NOT WEAR LOAD BEARING EQUIPMENT WHILE WORKING ON THE WEAPON
- ARTILLERYMEN WILL NOT CARRY PERSONAL WEAPONS. RIFLES ARE STACKED NEAR THE REAR OR IN CLOSE BY STORAGE ON SELF PROPELLED WEAPONS.
- ARTILLERYMEN WILL ALWAYS WEAR A HELMET WHEN FIRING THE WEAPON (BRAIN BUCKET)
- THERE WOULD NORMALLY BE A CREW SERVED (MACHINE GUN) WEAPON FOR DEFENSE EITHER MOUNTED ON THE SP CARRIAGE OR EMPLACED NEAR THE FRONT OF THE WEAPON.



THE ARTILLERY VIGNETTE

ARTILLERY SOLDIERS

HERE IS AN EXAMPLE OF
ARTILLERYMEN FIRING IN
VIETNAM. PERSONAL GEAR,
LOAD BEARING EQUIPMENT, ETC.
WOULD NOT BE WORN AS THERE
ARE TOO MANY AREAS AROUND
THE WEAPON WHERE THIS
EQUIPMENT COULD BE CAUGHT,
ESPECIALLY WHILE FIRING.



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THE ARTILLERY VIGNETTE

PERSONAL WEAPONS

HERE IS A WEAPON STACK. MANY
TIMES THE LOAD BEARING
EQUIPMENT WOULD BE STORED
UNDER THE STACK



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TOTALLY SPECIAL

AN/TPQ 36 RADAR



AN TMQ 41 MET. STATION



TOTALLY SPECIAL

M1200 ARMORED KNIGHT



M332 1 1/2 TON AMMUNITION TRAILER

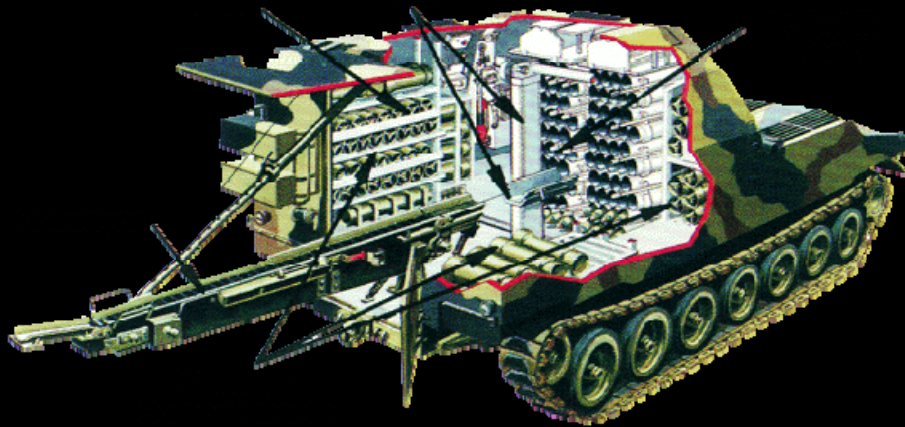


REDLEG-2-SCALE

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TOTALLY SPECIAL

N992 INTERNAL



M992 FA AMMUNITION SUPPORT VEHICLE



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TOTALLY SPECIAL

M7 BFIST



M981 Fire Support Track



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TOTALLY SPECIAL

M1131 FIRE SUPPORT VEHICLE



LPWS PHALANX



REDLEG-2-SCALE

AMPS EAST 2010

DON'T OVERLOAD THE BORE



- DON'T LET THIS HAPPEN TO YOU!!
- RESEARCH
 - ARTILLERY IS NOT A TANK. WHAT YOU THINK MAY NOT APPLY
- ASK
 - GO ON THE FORUMS AND ASK THE QUESTIONS



ROUNDS COMPLETE!!



- THANKS TO ALL OF YOU WHO CAME TO THIS SESSION AND TO THE STAFF OF NMMA/AMPS EAST
- THANKS TO ALL MY FELLOW REDLEG'S, PAST AND PRESENT, THE KING'S OF BATTLE



WE SUPPORT OUR TROOPS!



AMPS EAST 2010



END OF MISSION



- QUESTIONS???
- IF AFTER THIS SEMINAR YOU HAVE FURTHER QUESTIONS CONTACT ME AT:
 - REDLEG12@REDLEG2SCALE.COM
- FEEL FREE TO ALSO CHECK OUT MY WEB SITE FOR A COPY OF THESE SLIDES
 - WWW.REDLEG2SCALE.COM



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