

SOPMOD and BEYOND

MICHAEL R HARRIS
SPECIAL ANALYTICAL SERVICES
2210 WHITLOCK PLACE, DOVER FL 33527
813-653-9356

OBJECTIVES OF SOPMOD

- THE OBJECTIVE OF THE SOPMOD PROGRAM IS TO INCREASE THE OPERATORS SPEED AND ACCURACY IN LOCATING, IDENTIFYING, AND NEUTRALIZING ENEMY PERSONNEL TARGETS, FROM CLOSE QUARTERS BATTLE TO 600M, BOTH DAY AND NIGHT
- UNWRITTEN SOF DEVELOPMENT IMPERATIVES
DO IT FAST, SMART, AND CHEAP (COTS/BEST VALUE AWARD)
LIGHTER AND MORE COMPACT IS BETTER
MUST BE OPERATIONAL AND SUPPORTABLE WORLD WIDE
MUST EVOLVE AS NEW TECHNOLOGY BECOMES AVAILABLE (POM P3Is / MAINTAIN LOW STOCKS)
MUST BE WATER PROOF TO 66 FT

5.56MM M4A1 CARBINE



LIGHTWEIGHT COMPACT

MORE ACCURATE THAN M16A2 OR SVD TO 600M

FULL AUTO FIRE

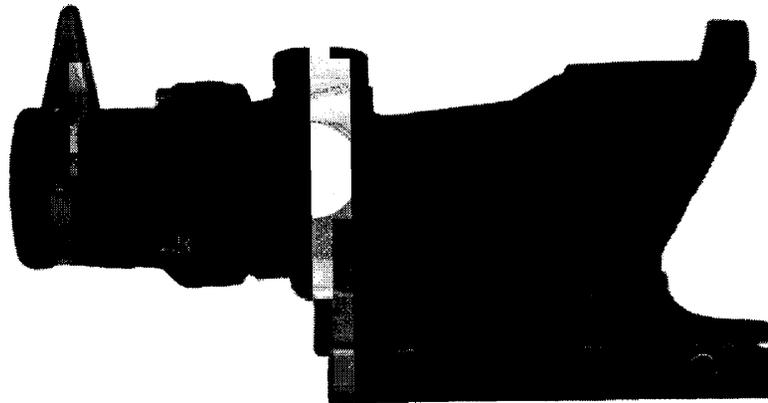
RAPID ENGAGEMENT CLOSE MULTIPLE TARGETS

RAPID INCAPACITATION 6-10 RD BURST IN CRE

SHOCK & FIRE SUPERIORITY ON INITIATION

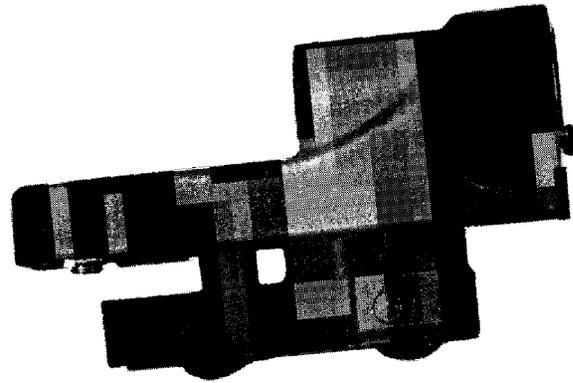
RAIDS, AMBUSHES, AND CHANCE CONTACT

DAY OPTICAL SCOPE



- **FASTER- ALLOWS SHOOTER TO FOCUS ON TARGET NOT SIGHT ALIGNMENT**
- **INCREASES ABILITY TO LOCATE AND IDENTIFY TARGETS**
- **REDUCES FRATRICIDE**
- **ACQUIRING, RANGING, BALLISTIC CORRECTION, & AIMING DONE IN ONE STEP THROUGH THE OPTIC**
- **PROVIDES STAND OFF ADVANTAGE 250-600 METERS**
- **CRE SIGHTS OFFSET CLOSE RANGE (<25 M) DISADVANTAGE**

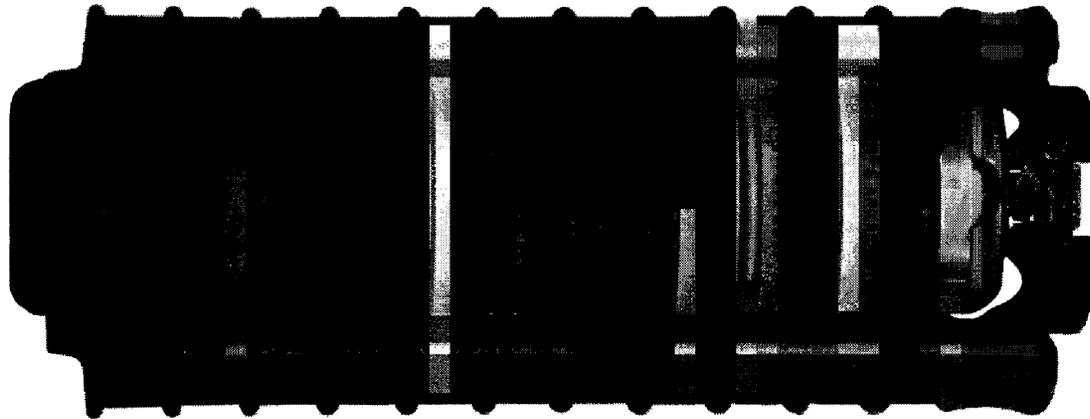
REFLEX SIGHT



- ACCURATE AS IRONSIGHTS TO 300M
- FASTER AND MORE ACCURATE ENGAGING MULTIPLE TARGETS, MOVING TARGETS, FIRING WHILE MOVING, AND IN CLOSE RANGE ENGAGEMENTS (<25M)
- THE AIMING DOT IS ALWAYS ON FOR CHANCE CONTACTS
- INCREASES EFFECTIVENESS OF AIMED FULL AUTO FIRE
- COMPATIBLE WITH NIGHT VISION EQUIPMENT

Special Analytical Services

RAIL INTERFACE SYSTEM



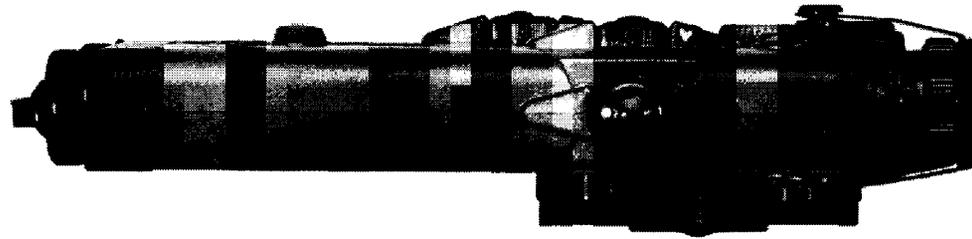
- PROVIDES RAIL MOUNTING SURFACE TO TOP, BOTTOM AND SIDES OF BARREL FOR SOPMOD ACCESSORIES
- AIDS IN SUPPORTING AND COOLING THE BARREL AND PROTECTS OPERATOR FROM HOT BARREL
- ALLOWS REFLEX SIGHT TO BE MOUNTED IN SCOUT SCOPE POSITION FOR SPEED.

FORWARD HAND GRIP



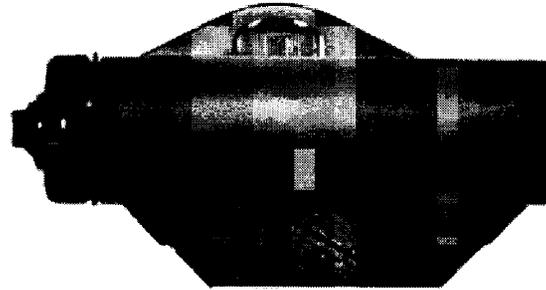
- IMPROVES GUN HANDLING WITH ACCESSORIES ON RAIL
- STEADIES UNSUPPORTED SHOOTING POSITIONS
- ACTS AS A MONOPOD IN PRONE POSITION (HAWKINS POSITION)
- MOUNTING PLACE FOR REMOTE SWITCHES

AN/PEQ-2 IR ILLUMINATOR/AIMING LASER



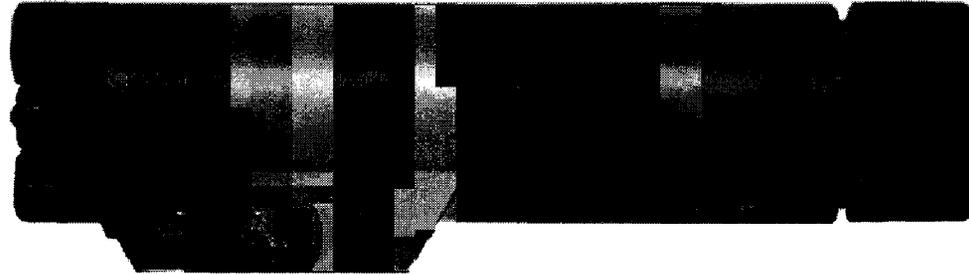
- PROVIDES A TARGET FOCUSED AIMING DOT TO 300 METERS
- IR ILLUMINATOR EXTENDS THE RANGE AND CAPABILITIES OF NIGHTVISION EQUIPMENT OVERCOMING LACK OF AMBIENT LIGHT I.E. OVERCAST, JUNGLE, INSIDE BUILDINGS, TUNNELS, ETC
- ELIMINATES BLOOMING ON THE TARGET FROM AIMING LASER (ZEROING AND CQB) AND SHADOWS IN THE ROOM.
- ALLOWS NIGHTVISION TO SEE INTO DOORWAYS, WINDOWS AND SHADOW AREAS.
- ILLUMINATING BEAM CAN BE USED AS POINTER FOR GROUND AND AIR ELEMENTS
- CAN BE USED ON MACHINEGUNS, AT-4, AND ZERO TO 500M

AN/PEQ-5 VISIBLE AIMING LASER



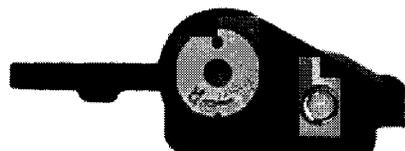
- EFFECTIVE TO 300M IN LOW LIGHT 10M IN SUNLIGHT
- FOCUS IS ON THE FULL VIEW OF THE TARGET=FAST AND ACCURATE IN CLOSE RANGE ENGAGEMENTS INSIDE BUILDINGS ESPECIALLY WHEN USED WITH VISIBLE LIGHT ILLUMINATOR
- OFFSETS DAY OPTICAL SCOPE CQB SHORT COMINGS
- FASTEST MOST ACCURATE MEANS OF ENGAGING CLOSE TARGETS WHILE WEARING PROTECTIVE MASK
- CAN BE USED FOR INTIMIDATION AND TO AIM LESS LETHAL MUNITIONS OOTW SITUATIONS

VISIBLE LIGHT ILLUMINATOR



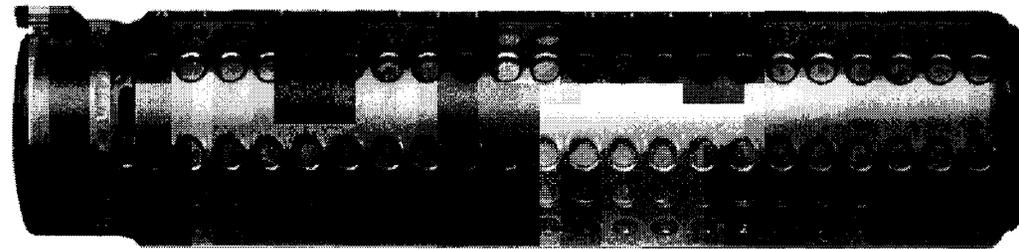
- PROVIDES VISIBLE WHITE, RED, OR IR ILLUMINATION TO SEARCH STRUCTURES AND ENGAGE TARGETS ALL SOPMOD SIGHT
- LIGHT IS BRIGHT ENOUGH TO DAZZLE AND AN OPPONENT
- OPERATES ON LITHIUM (DL123 50 MIN), AA ALKALINE,
- RECHARGEABLE AA OR LITHIUM AA (135 MIN) BATTERIES

BACKUP IRON SIGHT



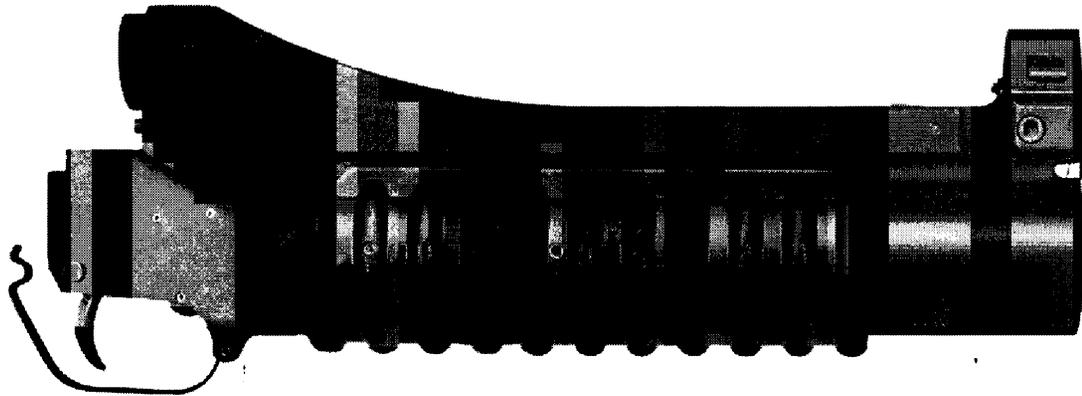
- FOLDS FLAT AND REMAINS ON CARBINE
- PROVIDES 300 METER SIGHTING CAPABILITY SHOULD ALL ELSE FAIL

QAD SUPPRESSOR



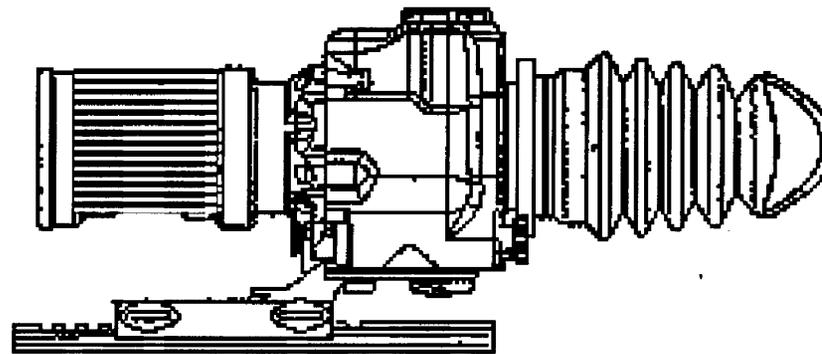
- PROVIDES 28 DB REDUCTION IN NOISE AND ELIMINATES MUZZLE BLAST AND FLASH MAKING DETECTION ENEMY HARDER
- SUPERSONIC CRACK WITH MUZZLE REPORT DECEIVES THE ENEMY AS TO THE SOURCE OF FIRE.
- SUPPORTS STAND OFF ATTACK WITH DAY OR NIGHT OPTICAL SIGHTS
- ALLOWS VOICE COMMANDS DURING CQB
- REDUCES RECOIL AND MUZZLE CLIMB IMPROVING FULL AUTO FIRE

QAD M203 W/ 9 IN. BARREL & FLIP-UP SIGHT



- PROVIDES AN ABILITY TO ENGAGE POINT AND AREA TARGETS, TARGETS IN DEFILADE, AND LIGHT ARMORED TARGETS
- LAUNCHER FOR VISIBLE AND IR ILLUMINATION FLARES, SIGNALS, SMOKE, AND LESS LETHAL MUNITIONS
- LAUNCHER FOR LESS LETHAL WHILE RETAINING INSTANT ACCESS TO LETHAL
- INCREASING THE NUMBER OF LAUNCHERS AND VOLLEY FIRE IS A MAJOR INCREASE IN COMBAT POWER

MINI NIGHT VISION SIGHT



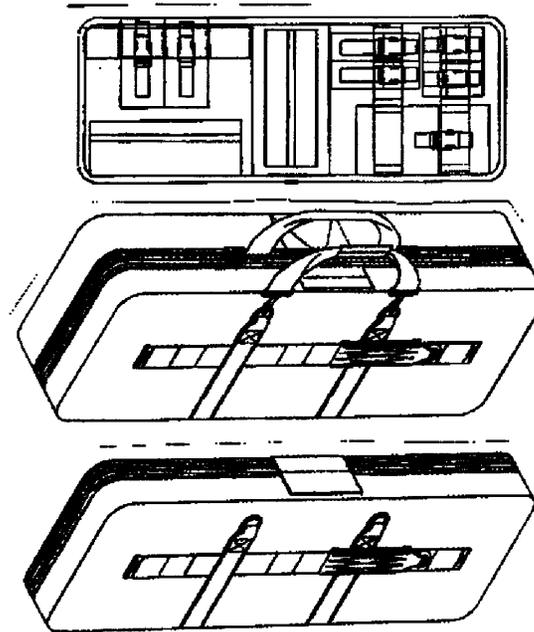
- VERY COMPACT AND LIGHTWEIGHT
- PROVIDES PASSIVE NIGHT ENGAGEMENT CAPABILITY 10-300M
- FAST AS REFLEX SIGHT AT CLOSE RANGE
- RAIL/MOUNTS ALLOW SWITCHING WITH DAY SCOPE WHILE RETAINING ZERO

COMBAT SLING



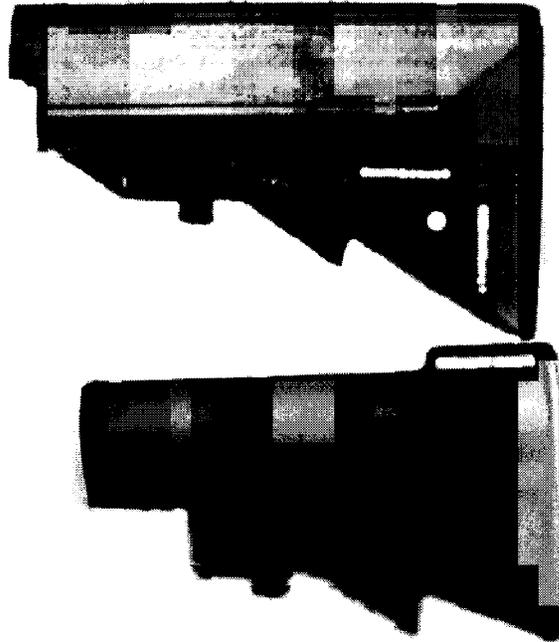
- PROVIDES COMFORTABLE READY AND SAFE HANDS FREE CARRY
- CROSS BODY KEEPS MUZZLE FROM SWEEPING OPERATOR OR OTHERS AROUND HIM

CARRYING/STORAGE CASE SET



- PROTECTIVE CARRYING CASE FOR KIT COMPONENTS AND ATTACHES TO CARBINE CASE
- PADDED CARBINE CASE HOLDS FULLY EQUIPPED CARBINE AND EQUIPPED FOR JUMPING
- LOCKABLE HARD STORAGE / SHIPPING CONTAINER HOLDS 4 KIT/CARBINE CASES

SOPMOD ENHANCED STOCK



- PROVIDES IMPROVED CHEEK WELD ENHANCING THE NATURAL POINT OF THE CARBINE
- PROVIDES STORAGE FOR EXTRA BATTERIES

BEYOND

HEAVY EXTRACTOR SPRING

- AS PART OF QAD SUPPRESSOR KIT

RAIL MOUNT FOR AN/PVS-14

- REFLEX SIGHT WITH POCKETSCOPE IS THE LIGHTEST, CHEAPEST, AND MOST PRACTICAL DAY/NIGHT SYSTEM IN THE WORLD
- VARIABLE HEIGHT/FOCAL LENGTH MOUNT

FULL FIELDING

4 PER KIT= REFLEX SIGHT, VISIBLE LASER, STOCK
1 M203 PER KIT

BEYOND CON'T

ENHANCED M203 SIGHT

- 50-400 METER CAPABLE
- SIMPLIFY RANGING, AIMING, AND BALLISTIC CORRECTION
- DAY/NIGHT/NIGHTVISION GOGGLE CAPABLE

REFLEX SIGHT II

- BRIGHTER DOT INDOORS
- BETTER VISION THROUGH THE LENS

BEYOND CON'T

COMBINED DAY OPTICAL SCOPE AND REFLEX SIGHT

- SMALL REFLEX SIGHT FORWARD MOUNTED ON TOP ENHANCE CLOSE RANGE ENGAGEMENTS WORK WITH NIGHT VISION GOGGLES
- INCREASE SCOPE EYE RELIEF

•ADVANCED TECHNOLOGY

LED TO DISPLAY RANGE FROM EXTERNAL
MINI-LASER RANGEFINDER
ELIMINATE OPTICAL ADJUNCT SIGNATURE

ENHANCED AMMUNITION FOR SOPMOD SYSTEM

GREATEST POTENTIAL

5.56MM

- ENHANCED BALL INCREASE VELOCITY/ACCURACY
- FRANGIBLE- CONTROLLED PENETRATION FOR OPNS AND TRAINING
- SNIPER/MATCH <MOA MATCH DOS RETICLE
- SUBSONIC
- ARMOR PIERCING (ADVANCED BODY ARMOR, BULKHEADS, LIGHTLY ARMORED VEHICLES)

ENHANCED AMMO (CON'T)

40 MM M203 LETHAL

- AIR BURST ALGL PROJECTILE/M203 CASE
- BOUNDING (AIR BURST, GRD/AIR BURST)
- HIGH VELOCITY CANISTER (TWO STAGE)
- THERMALBARIC
- FLASH BANG
- STAND OFF DOOR BREACH

- **40MM M203 LESS LETHAL**
- PEPPER GAS/DYE DISPENSER
- STICKY NET