**SOCOM**

Shoulder Fired Weapons

- **HEAVY** – JAVELIN

- **MEDIUM**
  - MAAWS
  - FADW (AT4CS HP/RS)

- **LIGHT**
  - LAW/LAW-CS
MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON SYSTEM (MAAWS)

ROUNDS:
HE 441
HEAT 551
HEDP 502
ADM 401
SMOKE 469
ILLUM 545

CURRENT

NEAR TERM

LIGHTEN M3 GUN

UPGRADED WARHEADS

MULTI-TARGET WARHEAD

LONG TERM

MAAWS IR

CONFINED SPACE MAAWS

AT4

AT4CS

AT4CS

Multi-Target

AT4CS-RS

M72 A7 LAW

M72 LAW CS

With Improved Fuze

Technology Transfer

SHOULDER FIRED WEAPON SYSTEMS OVERVIEW

USSOCOM
MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON SYSTEM (MAAWS)

- REUSABLE 22 POUND, 42 INCH LAUNCHER
- FULL FAMILY OF AMMUNITION
- FIELDED TO 75TH RR 1990, NAVSPECWARCOM 1997
  SOCOM Work – Horse System

ACQUISITION SUMMARY

- USSOCOM PROGRAM
- NDI SYSTEM FROM BOFORS, SWEDEN
- EVOLUTIONARY SYSTEM UPGRADES TO ENHANCE SAFETY AND CAPABILITY
- ACAT IV SYSTEM MANAGER AT RDECOM-ARDEC LEADS JOINT SERVICE IPT (ARMY/NAVY/SOCOM/OSD)

USER PAYOFF

AMMUNITION CAPABILITIES

- HIGH EXPLOSIVE ANTI-TANK (HEAT)
- 700M LIGHT ARMORED VEHICLES, BRICK/CONCRETE WALLS
- HIGH EXPLOSIVE DUAL PURPOSE (HEDP)
- 500M EARTH & TIMBER BUNKERS, SOFT STRUCTURES, WALLS
- HIGH EXPLOSIVE (HE)
- 1000M PERSONEL IN OPEN AND DEFILADE, SOFT VEHICLES
- AREA DETERRENT MUNITION (ADM)
- 100M CLOSE RANGE AREA PERSONNEL TARGETS
- SMOKE
- 1000M OBSCURE AND MARK TARGETS
- ILLUMINATION
- 1700M ILLUMINATE TARGETS

CONTINUOUS SYSTEM UPGRADES
# MAAWS SYSTEM STATUS (EVOLUTIONARY ACQUISITION)

<table>
<thead>
<tr>
<th>ITEM (DODIC)</th>
<th>FUZE</th>
<th>WARHEAD MATERIAL</th>
<th>EVALUATION STATUS</th>
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<td>M3 RECOILLESS RIFLE</td>
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<td><strong>553B SUBCALIBER ADAPTER</strong></td>
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<td><strong>20mm TRAINING SYSTEM</strong></td>
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<td>USER INTEREST</td>
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- **○** = NON IM FILL
- **●** = LIMITED ACCEPTANCE
- **●●** = ACCEPTABLE
**AT4CS**

**AT4-CS RS PERFORMANCE OVERVIEW**

- ARMOR
- FIRE FROM ENCLOSURE
- NIGHT SIGHT RAIL
- IM FILL
- DUAL SAFE FUZE
- AIR DROP CERTIFIED

**CHARACTERISTICS**

- DISPOSABLE SYSTEM
- LENGTH 1040mm (40.9 in)
- WARHEAD DIAMETER 84mm
- WEIGHT
  - UNIT WEIGHT 17 lbs.
- DEFEAT MECHANISM: SHAPED CHARGE WARHEAD

**PROGRAM HIGHLIGHTS**

- FIELDING & PRODUCTION STATUS
  - AT4-CS HP
    - AT4-CS RS CURRENTLY IN PRODUCTION FOR SOCOM & U.S. ARMY
    - AT4-CS HP FIELDED TO SOCOM & U.S. ARMY IN INTERM
- SAFETY CERTIFICATION STATUS - AT4-CS RS
  - ALL TEST COMPLETED SUCCESSFULLY
  - APPROVE D BY SURGEON GENEAL
M72 LAW

M72 LAW PERFORMANCE OVERVIEW

- ARMOR
- IM FILL
- AIR DROP CERTIFIED
- IM FILL
- CARRY MORE THAN ONE

CHARACTERISTICS

- DISPOSABLE SYSTEM
- LENGTH 775 (Carry) 980 (Fire)
- WARHEAD DIAMETER 66mm
- WEIGHT
  - UNIT WEIGHT 8 lbs.
- DEFEAT MECHANISM: SHAPED CHARGE or EFP WARHEADS

PROGRAM HIGHLIGHTS

- FIELDING
  - MULTIPLE VERSIONS FIELDED WITHIN SOCOM
- PRODUCTION
  - ANNUAL PRODUCTION
    - WARCOM
  - RECENT BUY FOR USASOC
## ACTIVE SOCOM DEVELOPMENTS
### Multi-Target Warhead & LAW-CS

### MULTI-TARGET WARHEAD
- Design in 84mm Caliber
- Defeat Personnel Behind
  - Triple Brick
  - 8” Reinforced Concrete (Breech Hole Secondary)
- Adaptable to Many Platforms

### LAW-CS
- Incorporate CS Propulsion Into M72 LAW System
- Integrate Dual Safe Fuze
- Adapt Other Enhancements

### Interested Parties / Participants
- U.S. Special Operations Command (Participant)
  - WARCOM
  - USASOC
- U.S. Army (Interested Party)
- International Community (Interested Party)
SOCOM
Shoulder Fired Weapons

• INDUSTRY & GOVERNMENT TECHNOLOGIES SOLUTIONS NEEDED BY SOCOM
  – NEXT GENERATION COMPOSITES FOR M3 WEAPON
  – NEXT GENERATION PROPULSION FOR CONFINED SPACE IN ALL SYSTEMS
  – NEXT GENERATION WARHEADS FOR ALL SYSTEMS