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# *Door Breaching Munition for MOUT Operations*

*David Yung*

*TACOM-ARDEC*

*AMSTA-AR-CCL-B*

*dyung@pica.army.mil*

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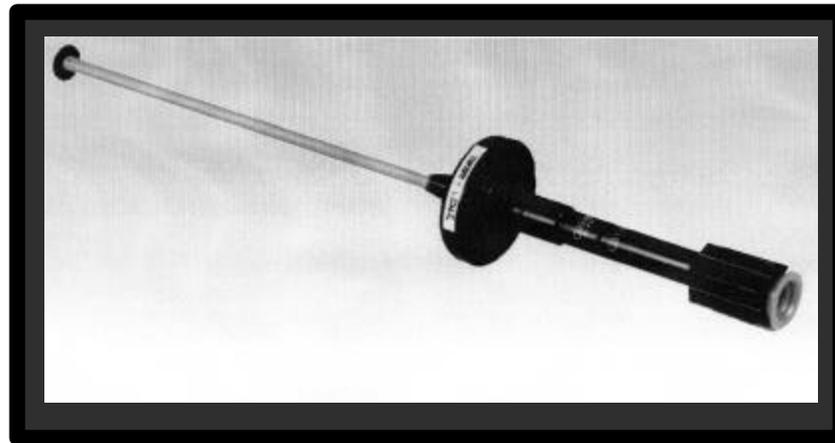
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*RLEM*

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*Rifle Launched Entry Munitions*



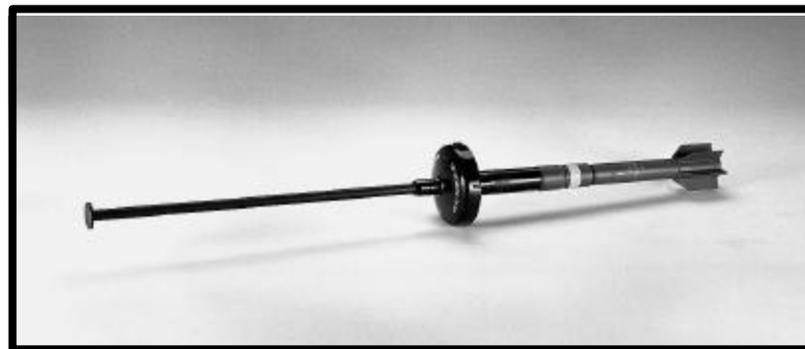
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## Outline

- *MOUT Mission Requirement*
- *Current Breaching Techniques*
- *Application*
- *Requirement*
- *Targeted doors*
- *System Description*
- *Test Result*
- *Government Testing(video)*
- *Schedule*





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## MOUT MISSION REQUIREMENT

➤ Close Distance Engagement

➤ Fast Operation

➤ No Casualties  
to Civilians

➤ No Collateral  
Structure  
Damage



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# Current Breaching Techniques

## APPLY EXPLOSIVE:

- Cause Collateral Damage to Structure



## MANUAL ENTRY OPERATION

- Slow
- Long Exposure Put Friendly Forces at Risk



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- Light weight, hand-held breaching round
- Remotely operated from the standard M16/ M4 rifles



Stealthy rapid breach achieved through silent set-up, remote operation and quick shoot-through of doors with minimal hazard to operator or target



## REQUIREMENT

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Bullet Trap - Device able to be fired with M855 Ball and M856 Tracer

Angle Attack- Breaching from 75 degree to 105 degree

Range - Remotely operate from distance  
6 meter to 20 meter

Breaching Capability - 95% probability of breaching with two rounds

Operation Time - < 60 seconds



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## Exterior Doors

### BREACHING TARGET:

- Single / 1-3/4 inch - Wooden Door; Steel Door
- Double / 1-3/4 inch- Wooden Door; Steel Door

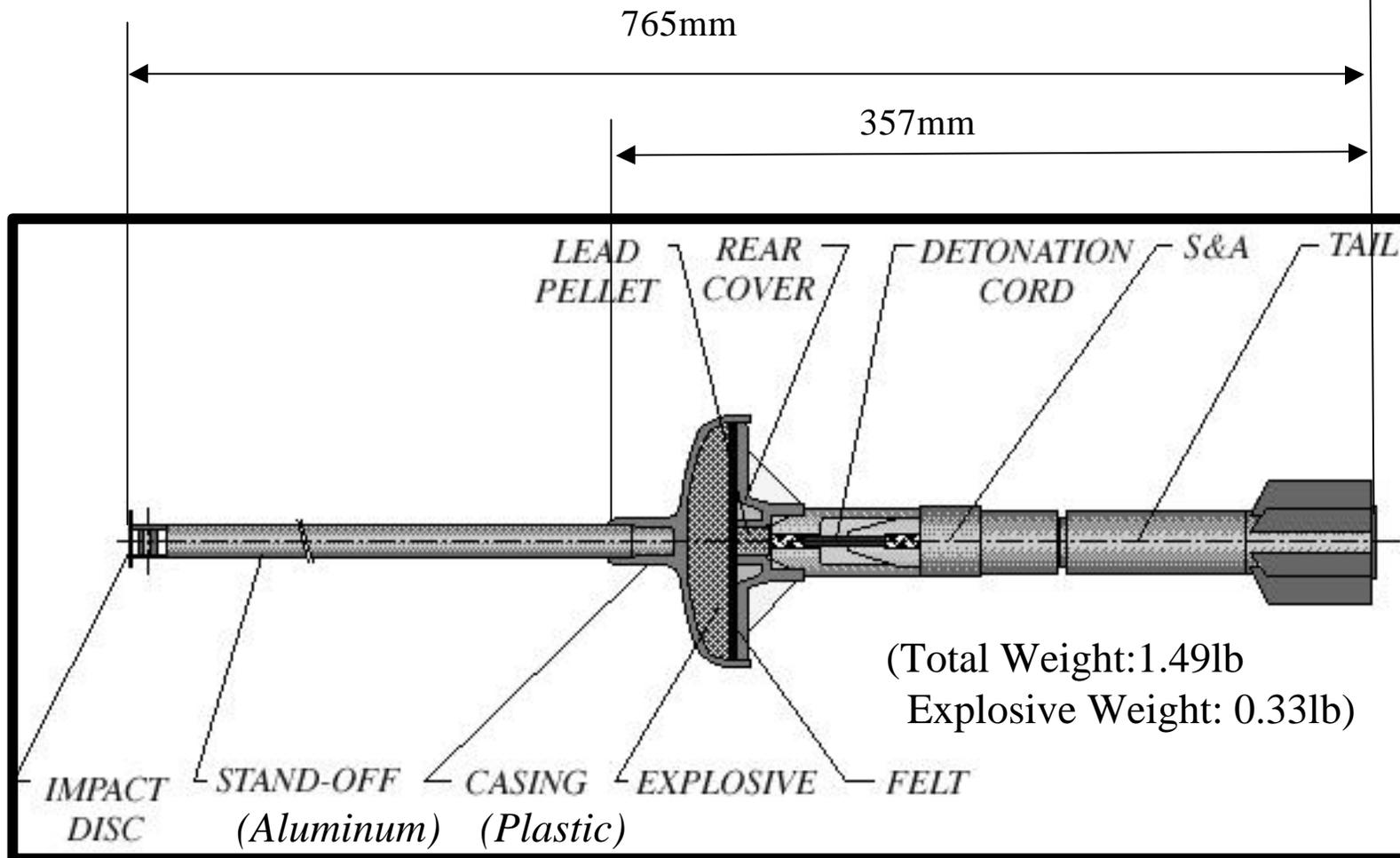


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Door before test



Door after test



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# Schedule

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Contract Award: April 2000

Delivery Schedule : 2<sup>nd</sup> QTR 2001

Technical Test : 2<sup>nd</sup> QTR 2001/ 3<sup>th</sup> QTR 2001

Typed Classification : 4<sup>th</sup> QTR 2001