

# Targets Management Office



## *Purpose:*

**Provide NDIA Symposium An  
Overview Of  
U.S. Army, PEO STRI, PM ITTS  
TMO Activities**

**“Tools and Technologies for  
the Warfighter”**

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## *False Impression Caveat*

It should be explicitly noted that the U.S. Government makes no official commitment nor obligation to provide any additional detailed information or agreement of sale on any of the systems/capabilities portrayed during this presentation that have not been authorized for release.



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## Video





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## OUTLINE

- **Mission**
- **Activities**
- **Customer Base**
- **Organization (Tie-in with Testing & Training)**
- **Recently Developed Products**
- **Future Efforts**
- **Summary**



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## **TMO MISSION**

MANAGE THE **LIFE CYCLE**

**ACQUISITION** OF TECHNICALLY OPTIMIZED, INTEROPERABLE AND ADAPTABLE TARGETS, TARGET CONTROL SYSTEMS AND GROUND RANGE SYSTEMS USED IN THE LIVE AND VIRTUAL TESTING, TRAINING AND MISSION REHEARSAL ENVIRONMENTS, PROVIDING **BEST VALUE PROCUREMENT**, AND SUPERIOR **LIFE CYCLE SUSTAINMENT** AND OPERATION WHEN REQUIRED, FOR THE U.S. ARMY TRANSFORMATION, FUTURE FORCES, JOINT SERVICES, ALLIED CLIENTS AND GOVERNMENTAL AGENCIES

**We respond to customer needs  
and institutional requirements**

## PRIMARY ACTIVITIES

Based on customer target requirements

- Aerial – Fixed and Rotary Wing
- Mobile Ground / Foreign Materiel
  - “Real Deal Steel”
  - Surrogates
- Virtual – Models and Simulations
- Precision Targetry Systems
- Auxiliary / Ancillary Equipment





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## WHAT WE DO



Develop products

Buy products



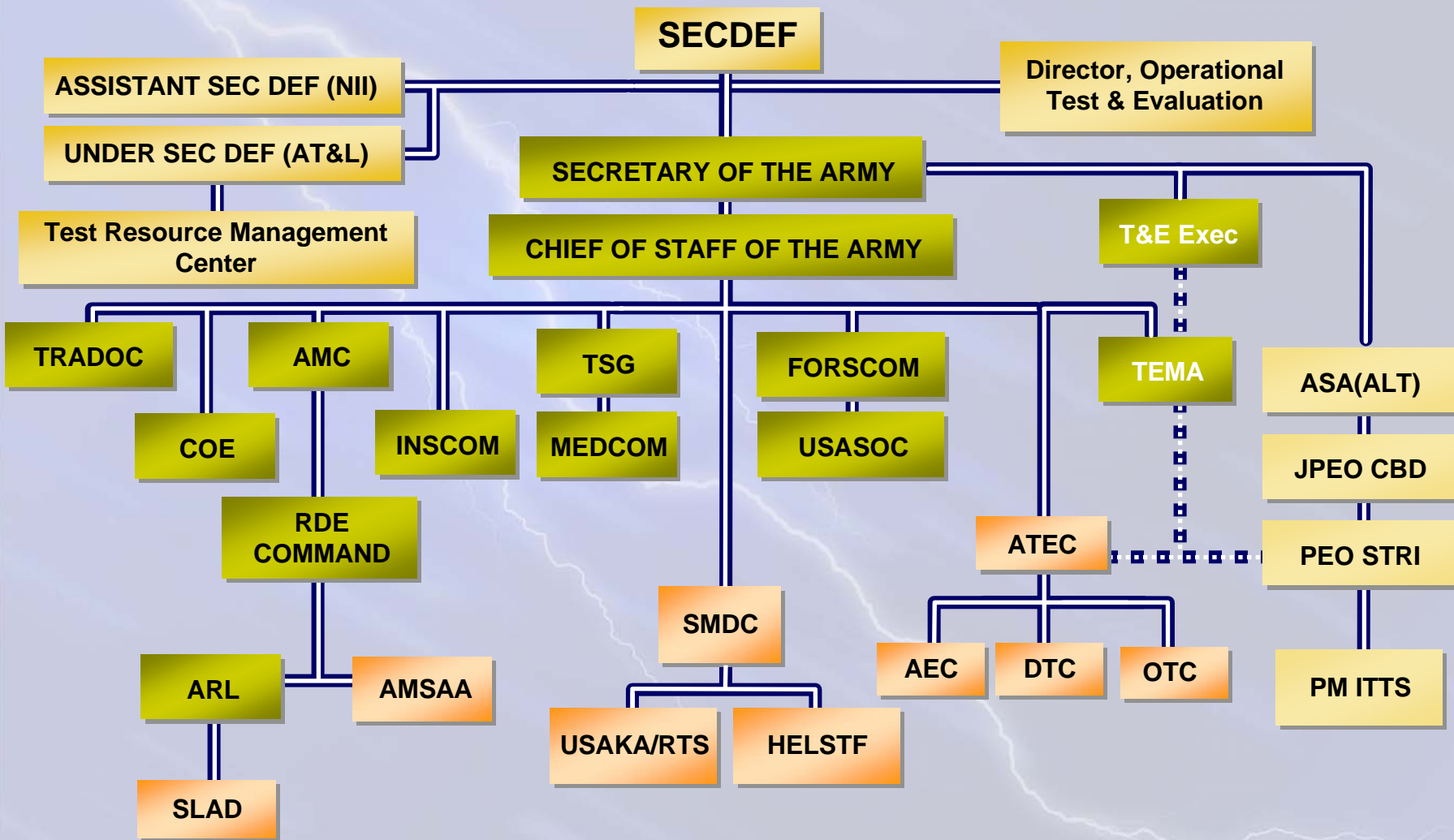
- AND we
- Fly 'em
  - Drive 'em
  - Fix 'em





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## Army T&E Community







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## What we have developed recently

### Low Cost Movers



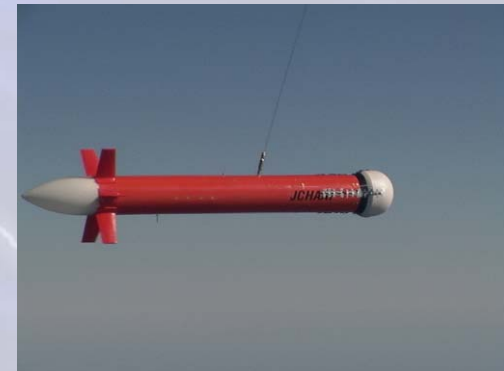
### Threat Vehicle Surrogate Targets



### Virtual Targets



### UAS-Ts



### JCHAAT

*Things we plan to develop/purchase in the next five years*

## Precision Targets



Fully Mission Capable Threat Targets

## RPVTs



Rotary Wing Targets

Looking at technology areas to enhance current capabilities



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*An Individual Product we plan to develop/purchase during the next five years*

## Precision Targets



*Develop state-of-art signature technologies and applications for use on existing targetry or new targetry development efforts to support Army requirements.*

### **Develop concepts that:**

- Minimize cost
- Maximize signature fidelity – visual and thermal
- Minimize logistic requirements – reduce handling cost, easily transportable, easy to assemble, recyclable
- Maximize utility – adaptable to CCD&O technologies



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*An Individual Product we plan to develop/purchase during the next five years*

## Fully Mission Capable Threat Ground Targets



*Acquire and field fully mission capable latest version, Foreign Threat Mobile Ground Targets (MTB, IFV, and APC) to meet emerging requirements for threat representative missions.*

### **Capabilities will include:**

- Operational Turrets
- Communications
- Shoot-back capability
- Operational Sights
- Smoke (VEESS, launchers)
- Ancillary Equip



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*An Individual Product we plan to develop/purchase during the next five years*

## Remotely Piloted Vehicle Targets



*Provide targets with ancillary devices and contractor support services for STRAC mandated live-fire crew gunnery weapon qualifications and missile engagement events.*

Government Owned/Contractor Operated Aircraft.



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*An Individual Product we plan to develop/purchase during the next five years*

## Rotary Wing Targets

**Most Likely  
Not This**



*present realistic, threat representative, helicopter targets for use by Test and Evaluation and by Training groups worldwide.*



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## SUMMARY

### **TMO:**

- ALWAYS LOOKING FOR BETTER, FASTER, CHEAPER PRODUCTS FOR OUR CUSTOMERS
- RECOGNIZED LEADER OF AERIAL AND GROUND TARGETS
- READY TO RESPONSIBLY SUPPORT T&E AND SPECIAL TRAINING REQUIREMENTS

**NEED INDUSTRY TO CONTINUE PROVIDING STATE OF THE ART TECHNOLOGIES FOR ADAPTATION AND INCORPORATION INTO TARGETRY**