



U.S. ARMY



U.S. ARMY OPERATIONAL TEST COMMAND

U.S. Army Operational Test Command (OTC) Overview

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OTC Overview

Mission

The U.S. Army Operational Test Command, in collaboration with our Test and Evaluation partners, conducts independent operational testing to inform acquisition and fielding decisions for the Army and select multi-service Warfighting systems.



Realistic Combat Environment



Realistic Future Threat



Actual Soldiers

OTC executes the Army's Title X Operational Test Mission

The term “operational test” means the field test, under realistic combat conditions, of any item of (or key component of) weapons, equipment, or munitions for the purpose of determining the effectiveness and suitability of the weapons, equipment, or munitions for use in combat by typical military users.

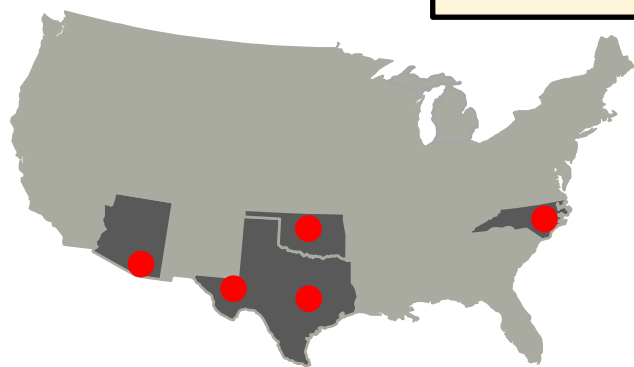
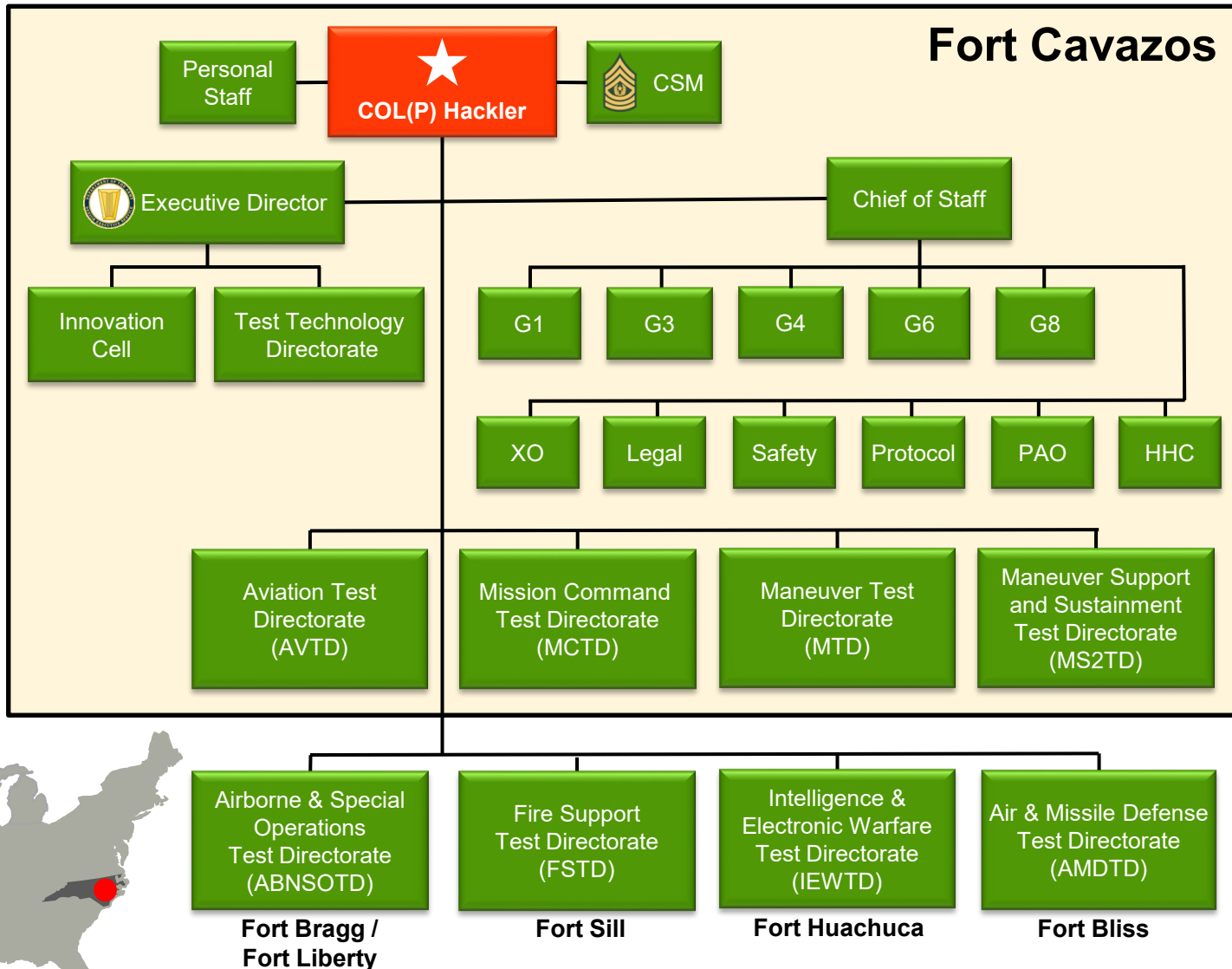
(U.S. Code, Title X, Subtitle A, Part I, Chapter 4, § 139)



OTC Organization

All of OTC	Current
Civilian	345
Military	230
Contractor (Annual Average)	331
TOTAL	906

Fort Cavazos	Current
Civilian	245
Military	115
Contractor (Annual Average)	223
TOTAL	583





We are Part of a Larger Team

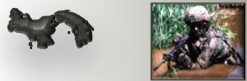
Fort Greely, AK

*Cold Regions Test Center
Full-Spectrum Cold Regions
Natural Environment Testing



Panama

*Tropic Regions Test Center
Full-Spectrum Tropical Regions
Natural Environment Testing



Dugway Proving Ground, UT

*West Desert Test Center
Low Population; CB Surety
Material & Testing



Yuma Proving Ground, AZ

*Yuma Test Center
Indirect Fire, Air Delivery, RW
Aircraft Armaments, C-IEDs,
Natural Environments



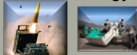
Fort Huachuca, AZ

*Electronic Proving Ground
Quiet Electromagnetic Environment



DCG-DT White Sands Missile Range, NM

*White Sands Test Center
Air & Missile Defense, Nuclear
Effects, Directed Energy, NLOS
Missiles



DCG-OT Fort Cavazos, TX

Operational Test Command
Full-Spectrum Operational Testing



Aberdeen Proving Ground, MD

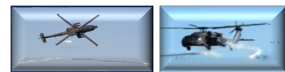
HQs, Army Test and Evaluation Command

Army Evaluation Center
*Aberdeen Test Center
Automotive, Live Fire, Direct Fire, Engineer
Equipment, Soldier Systems



Redstone Arsenal, AL

Redstone Test Center
LOS Missiles & Rockets, Guidance
Systems, Shoulder-Fired Weapons,
Aircraft Systems, Sensors



LEGEND

- CFT Coordinator
- Test Center
- Installation Senior Commander
- Operational Test Directorate
- ★ Headquarters
- * Major Range and Test Facility Base (MRTFB)
- ⚡ ATEC Direct Support Cell/LNO

These are the people, equipment and ranges necessary to test emerging capabilities, and enable rapid Army Modernization, to ensure the Operational Force has what it needs, when they need it, to fight, and win!



OTC's Role in Test and Evaluation

ATEC Test Centers



Operational Test Command



Army Evaluation Center



Produces Technical Test Data

Tests from a Fixed Facility

Test Design and Execution is Dynamic

Test-Fix-Test Model

Focuses on the Systems Ability to meet Capabilities Document Requirements

Close Cooperation Between Contractors and Developmental Testers

PMs have the Flexibility on the Amount of DT Conducted

Produces Operational Test Data

Tests at the Soldiers Home Station

Test Design and Execution is Dynamic

Focuses on the Systems Value Added to the Warfighter

Production Representative Test Articles

Typical Military Users (Soldiers)

Realistic Combat Environment

Restrictions on the Role of System Contractors

Produces an Assessment/Evaluation Report

Focuses on the Continuous Evaluation of the System

Evaluates System using all Available Data

Works with the IPT to Develop Data Requirements to Support Evaluation

Chairs the ATEC System Team (AST)



Information to Senior Army Leaders



OTC's Economic Impact within Killeen Area

Civilian Workforce

- Of the 245 OTC civilians who work at Fort Cavazos:
 - Their total combined annual salaries equate to \$32.5 million dollars and
 - Roughly 36% are eligible to retire this year.
- Over the last 12 months, 65 civilians have already retired within the local area or have taken positions elsewhere and OTC has been able to fill ~86% of those positions.
 - Many of those new to OTC are recent college graduates or former retired military members.

Contractor Workforce

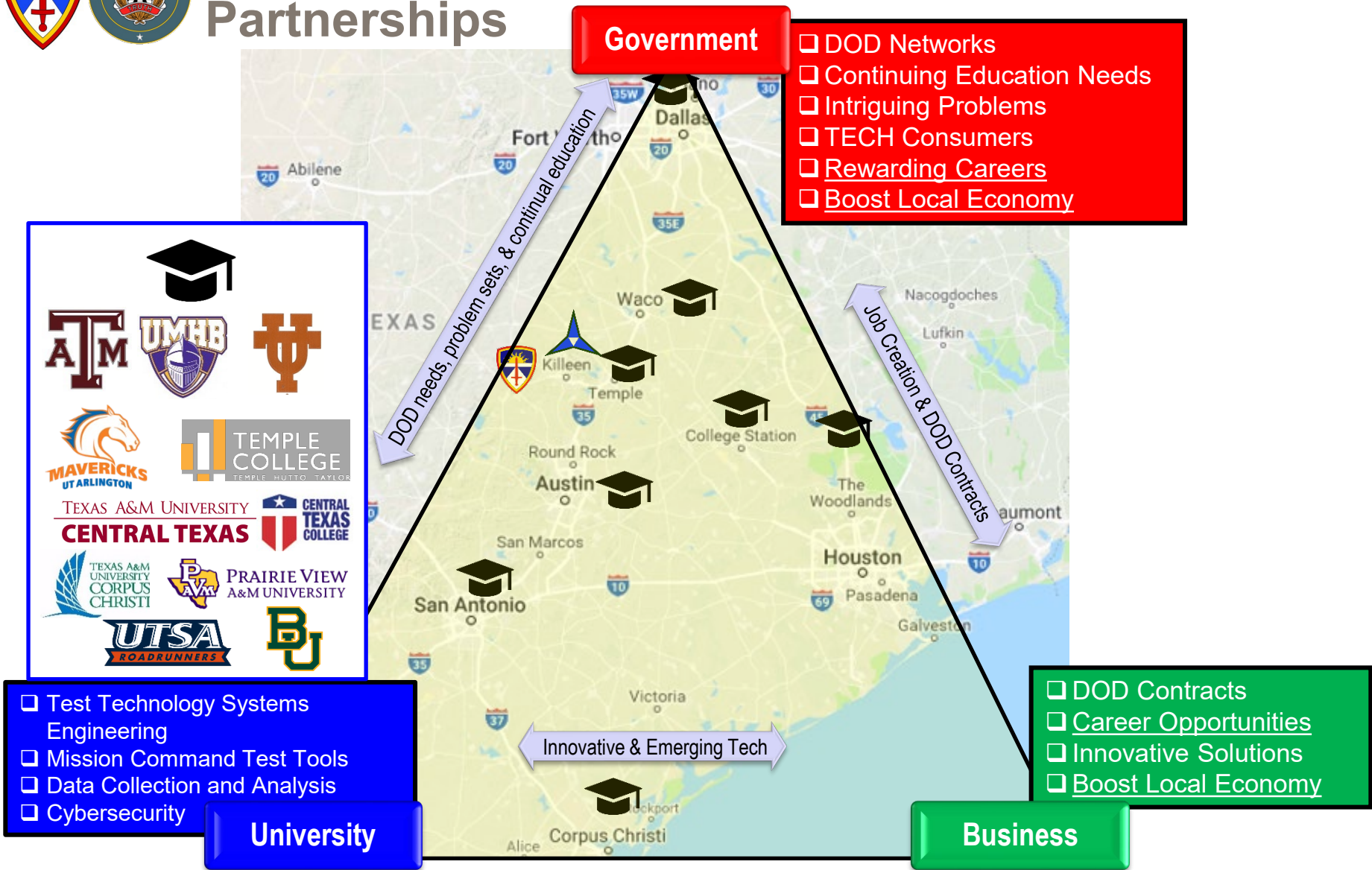
- An average of 223 contractors support OTC at Fort Cavazos through 4 different vendors at an average annual cost of \$22 million dollars.

Contract Vendor	Support Provided	Average Annual Cost
Westech International, Inc.	Database administration & data collection personnel	\$10,705,000
Yulista/GaN Joint Venture.	Test technology support	\$6,700,000
Caelum Research Corporation	Information technology helpdesk support	\$4,591,000
Legacy Management Solutions	Mailroom support	\$180,000





Partnerships



DOD and Universities have a symbiotic relationship that create opportunities for a more prosperous Central Texas.





Summary

- OTC conducts independent operational tests to provide the necessary body of evidence for decision makers on the readiness to field equipment
- Operational testing adds the Soldier's voice to the Acquisition Process
- Operational testing is distinctly military, unique and detailed testing of new equipment with new units, new tactics at locations wherever the Army may send us
- OTC is partnered with academic, industry, and science & technology communities to enable the Army's Modernization Enterprise

OTC's objective is to ensure that the Army is getting the right equipment for the Soldier on the battlefield and that we are good stewards of the taxpayer's money.