

U.S. ARMY TEST AND EVALUATION COMMAND (ATEC)

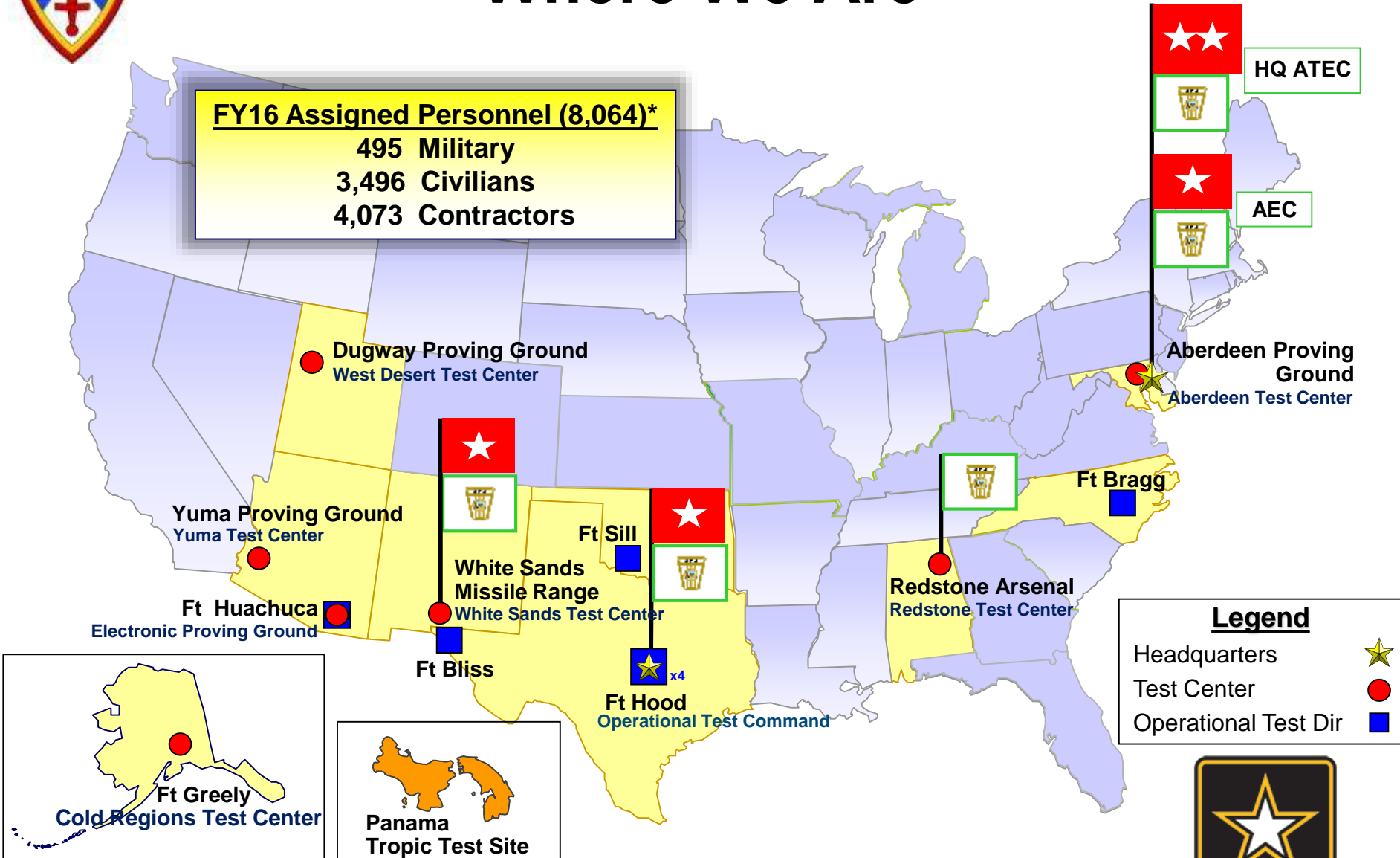
Major General Daniel L. Karbler
Commanding General ATEC

Command Overview
4 October 2016





Where We Are



U.S. ARMY



Attraction, Attention & Advancement/Achievement

- Workforce planning and shaping
 - Identifying needs, gaps and determining priorities
- Professional development
 - Building the bench
- Leadership development
 - Creating effective Army leaders
- Employee engagement (E2)
 - Improving employee motivation, morale and retention
- Communication and collaboration
 - Synchronizing communication and partnering
- Career Developmental and Broadening Assignments

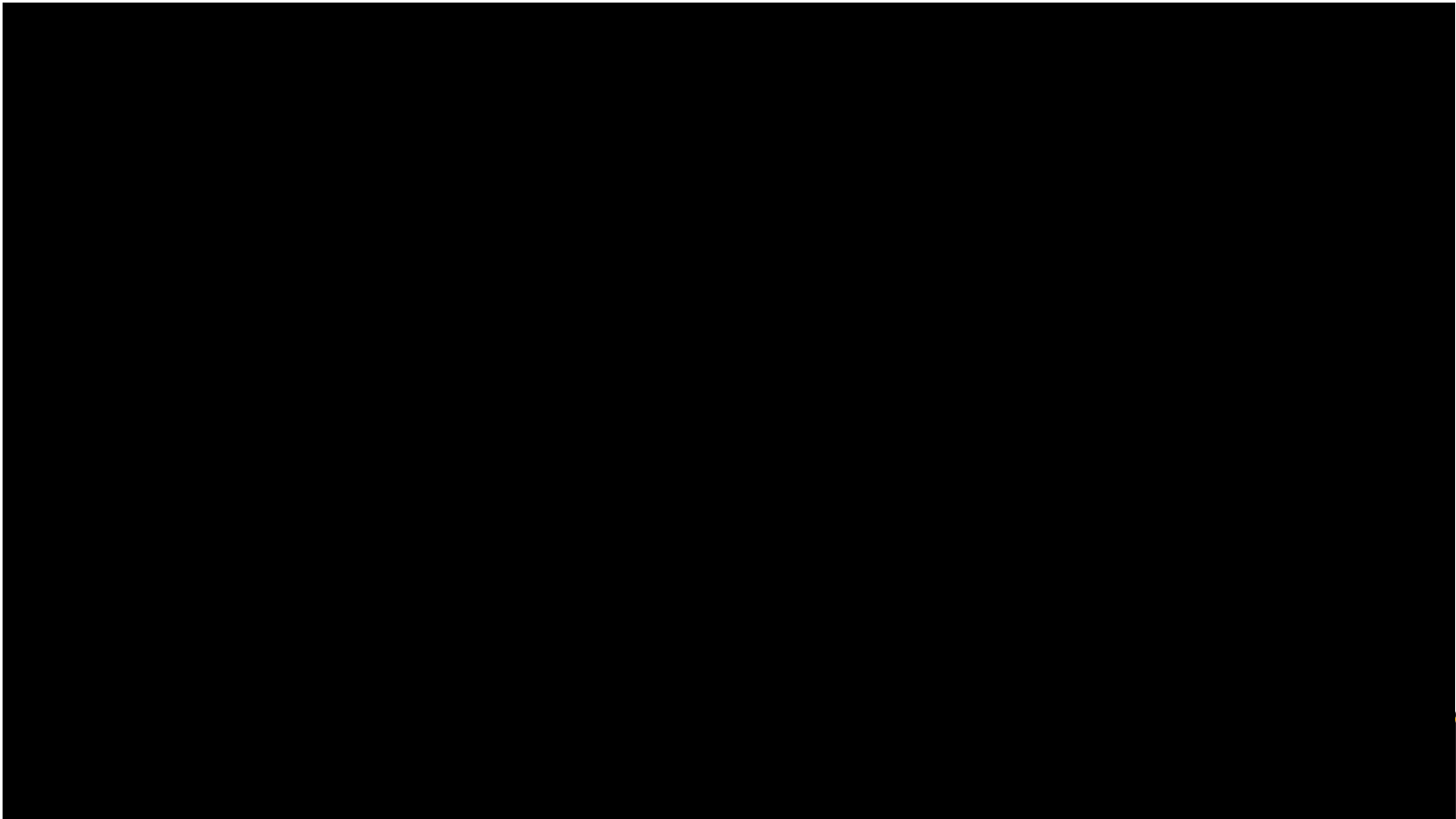
FY16 Use of Defense Acquisition Workforce Development Funds (DAWDF) \$4.3M

DAWDF uses: hiring; recruiting; outreach programs; functional & leadership development; training





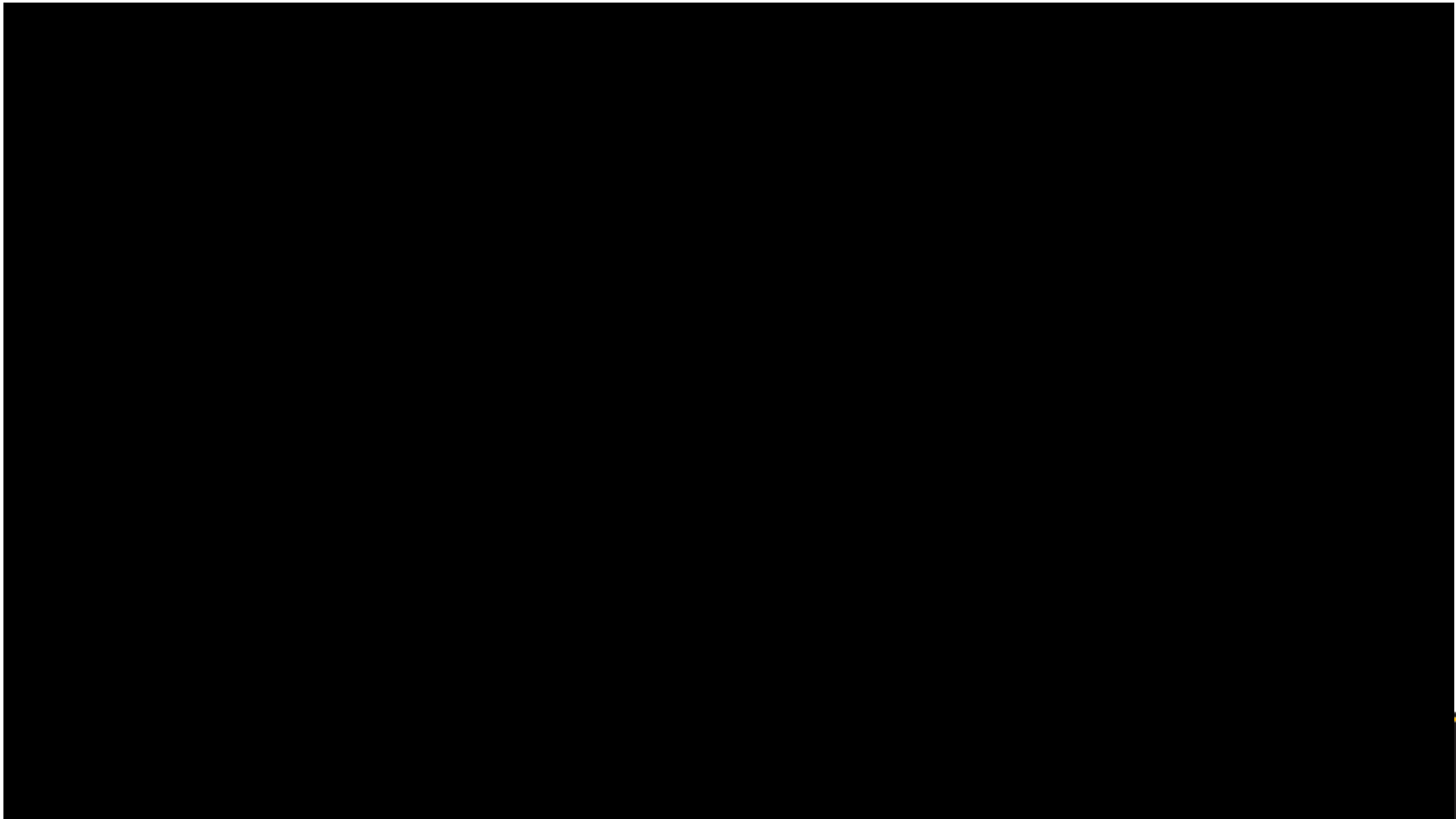
FIRST Lego League January 2016





Team APG Greening

12-16 September 2016





Testing & Evaluation Workforce of the Future

Attraction, Attention & Advancement/Achievement

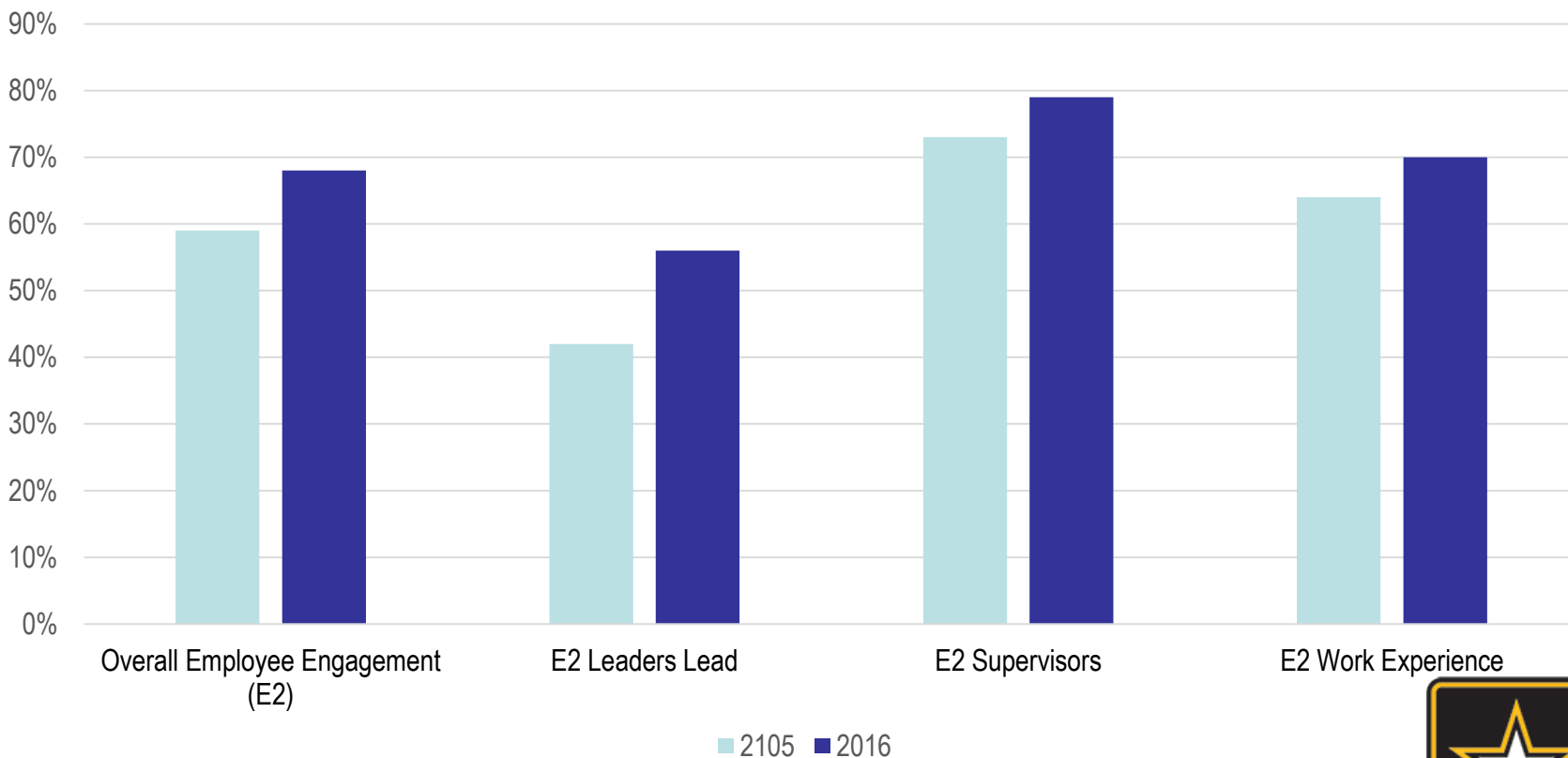




Continuing the March Forward

FEVS Survey Results show positive momentum

Employee Engagement (E2)



2016 ATEC E2 Index increased by 9% and exceeds President's Goal





Ahead

Technological Innovation Challenges

- Speed of technological advancement
- Identifying necessary competencies to match the needs of emerging technologies
 - Artificial intelligence
 - Semi- to full-autonomous- Manned-Unmanned Teaming --- Robotic Systems
 - Cyber- Cybersecurity and Electromagnetic Affects (CEMA)
 - SMART use of data (Big Data)



The Amazon challenge \$1M to build Artificial Intelligence capable of 20 minutes conversation





Truth in Testing!





Mission, Vision, End State

*Mission**

A TEC plans, integrates and conducts developmental testing, independent operational testing and independent evaluations and assessments to provide essential information to acquisition decision makers and commanders.

Vision

To be a team of highly skilled test and evaluation professionals focused on informing equipping decisions for today's and tomorrow's Warfighter.

End State

The Army possesses a versatile mix of adaptable Soldiers and units equipped with proven materiel based on decisions informed by independent evaluations of technically proficient and versatile developmental and operational tests.





Who We Are

Full Spectrum Testing

- Only test organization in DoD to encompass all phases of testing; developmental, operational & evaluation

Major Contributor

- Testing and Evaluating over 500 systems
- 1100 test events working daily

Large, complex organization

- ~8,100 personnel (57 Ph.D.s) (28 Colonels)
- 2,400 STEM professionals (61% of the civilian workforce)
- 21 Locations, 16 States, Operating on 5.5 million acres (1/3 Army's Land mass), Army's only nuclear reactor
- Mostly reimbursable; competitive, efficient, operationally-focused
- Over \$5.5 Billion capital investment in facilities/instrumentation

Value-added

- Testing everything from Riflesto National Missile Defense...except medical and uniforms

