



U.S. AIR FORCE

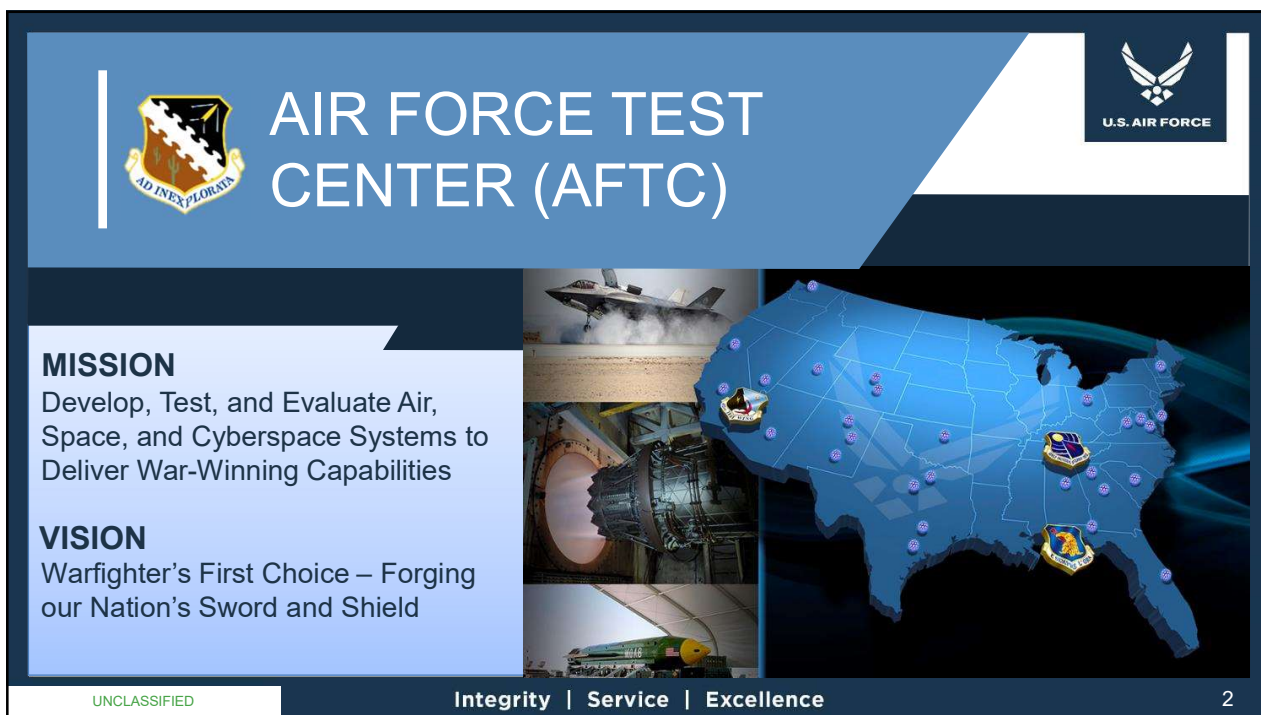
Arnold Engineering Development Complex

Mission Overview




UNCLASSIFIED Integrity | Service | Excellence

1




U.S. AIR FORCE



AIR FORCE TEST CENTER (AFTC)

MISSION
Develop, Test, and Evaluate Air, Space, and Cyberspace Systems to Deliver War-Winning Capabilities

VISION
Warfighter's First Choice – Forging our Nation's Sword and Shield



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2

Air Force Test Center



18,000
Military, civilian and contractors employed across 31 locations

\$2 Billion
Annual budget, BOS at three major installations

\$31 Billion
in DoD facilities & test ranges

164
Ground test facilities

116
Aircraft



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3

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Test and evaluate systems to meet the demands of the National Defense Strategy.

- Aerodynamics
- Aeropropulsion
- Hypersonic systems
- Altitude rocket motors
- High-speed sled
- Space simulation
- Navigation warfare
- Radar cross section
- Advanced analysis
- Modeling & simulation









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4

4



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MISSION: Test and evaluate systems to meet the demands of the National Defense Strategy.



68
TEST CELLS

55
CELLS ACTIVE

6
AIRCRAFT

- ① Moffett Field
- ② Edwards AFB
- ③ Hill AFB
- ④ Kirkland AFB
- ⑤ Holloman AFB
- ⑥ White Sands Missile Range
- ⑦ Peterson AFB
- ★ ⑧ AEDC HQ – Arnold AFB
- ⑨ Eglin AFB
- ⑩ Wright-Patterson AFB
- ⑪ AEDC White Oak, MD

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5

5

What We Provide



- Timely, objective, independent, & accurate DT evaluations
- Professional test expertise and state of the art facilities
- Our greatest contribution is finding problems that lead to design improvements early in the acquisition process
 - Large potential cost avoidance over the lifetime of the weapon
 - Problems found/fixes early in the developmental process cost a fraction of the cost to fix the problem in production or deployment
 - Fewer latent defects means more reliable weapon systems, more lethal warriors, and greater security for the US and its allies

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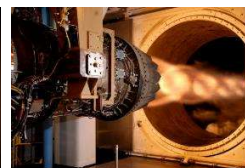
Summary



- National/world-unique facilities and capabilities
- World-class technical and craft workforce
- Timely, objective, independent, & accurate DT evaluations
- Problem solving partner
- Dedicated to developing advanced military, exploratory, and commercial aerospace systems in support of the NDS

WE'RE FAITHFUL TO
GEN. ARNOLD'S VISION:

AN AIR &
SPACE FORCE
SECOND TO
NONE!



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7