

**BY ORDER OF THE COMMANDER
AIR FORCE MATERIEL COMMAND**

**AIR FORCE MATERIEL COMMAND
MISSION DIRECTIVE 404**



23 OCTOBER 2023

AIR FORCE TEST CENTER (AFTC)

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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(Ms. Luci Slygh)

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This mission directive implements AFI 38-101, *Manpower and Organization*, and defines the mission of the Air Force Test Center (AFTC). This mission directive applies to AFMC Regular Air Force, AFMC civilian employees, assigned Air Force reservists and those with a contractual obligation to abide by the terms of its issuance. This mission directive does not apply to Air National Guard, Air Force Reserve Command, or United States Space Force units. Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with AFI 33-322, *Records Management and Information Governance Program*, and disposed of in accordance with the Air Force Records Disposition Schedule located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the OPR using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. HQ AFMC/A1 is the waiver authority for compliance items in this publication. Submit requests for waivers through the chain of command to the publication OPR for consideration. This mission directive may not be supplemented.

SUMMARY OF CHANGES

The formatting of this document was updated to align with guidance in AFI 38-101, *Manpower and Organization*.

1. Mission. Develop, test, and evaluate air, space, and cyberspace systems to deliver war-winning capabilities.

2. Command.

2.1. The AFTC Commander is responsible to the Commander, AFMC.

2.2. The AFTC Commander exercises command over:

2.2.1. The 412 Test Wing (TW) Commander who is also the Installation Commander, Edwards AFB, CA.

2.2.2. The 96 TW/CC who is also the Installation Commander, Eglin AFB, FL.

2.2.3. The Arnold Engineering Development Complex Commander who is a wing-equivalent Commander and the Installation Commander, Arnold AFB, TN.

3. Responsibilities. The Commander, Air Force Test Center:

3.1. Provides a national aerospace ground test complex to conduct preflight tests, engineering analyses, and technical evaluations for research, system development, and operational programs of the Air Force and Department of Defense, other government agencies, industry, and allied nations.

3.2. Accomplishes authorized airframe, power plant, and avionics flight and ground test Aircraft-Propulsion-Avionics and Electronic Warfare programs, including logistics tests, on manned and unmanned aerospace vehicles, weapons, subsystems and components.

3.3. Plans and directs Development Test & Evaluation (DT&E) for US and allied air armament and navigation/guidance systems, and Command and Control systems.

3.4. Plans, conducts, analyzes, and reports on flight and ground DT&E of manned, unmanned remotely controlled/piloted, and autonomous systems using uniquely modified aircraft and facilities.

3.5. Provides DoD and national leaders with essential performance information on weapons, aircraft survivability and Command and Control systems.

3.6. Plans, conducts, analyzes, and reports on DT&E of offensive and defensive cyber capabilities as well as Cybersecurity DT&E over a diverse set of AF, DoD, and other mission partner weapon systems, subsystems, hardware and software programs, and business enterprise applications.

3.7. Supports the HAF and MAJCOM by developing and advocating for capability-based requirements for the test and evaluation of weapon systems, to include the operations, sustainment, and base operating services required to accomplish developmental test missions.

3.8. Provides test support for conducting independent Operation Test and Evaluation of airframe, power plant, and avionics flight and ground test Aircraft-Propulsion-Avionics and Electronic Warfare programs, including logistics, manned and unmanned aerospace vehicles, weapons, subsystems and components.

3.9. Supports the planning, development, operation, and sustainment of the Joint Simulation Environment, including the Digital Test and Training Range and Integrated Platform efforts.

3.10. Supports the Multi-Domain Test Force by providing test environments that aim to bridge air, land, maritime, cyberspace, space, and electromagnetic spectrum domains and use these environments to support joint, all-domain test and evaluation.

3.11. Organizes, trains, and equips the Center's test-ready forces, including advocating for resources for the USAF Test Pilot School and other test institutions supporting USAF and USSF, and mission support workforces, directly impacting AFMC's capacity to successfully deliver on acquisition program commitments and future AF capabilities, including medical and combat-ready forces and forces for supported combatant commanders.

3.12. Provides for management of air, ground and sea range capabilities and resources to meet Major Range and Test Facility Base responsibilities to support national defense interests.

KATHY L. WATERN, SES, DAF
Director, Manpower, Personnel and Services

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

AFI 38-101, *Manpower and Organization*, 29 August 2019

Prescribed Forms

None.

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AFTC—Air Force Test Center

DT&E—Developmental Test and Evaluation

TW—Test Wing

Office Symbols

412 TW/CC—412 Test Wing Commander

96 TW/CC—96 Test Wing Commander

AEDC/CC—Arnold Engineering Development Complex Commander

HQ AFMC—Headquarters Air Force Materiel Command

HQ AFMC/A1—Headquarters Air Force Materiel Command Manpower, Personnel and Services Directorate

HQ AFMC/A1M—Headquarters Air Force Materiel Command Manpower and Organization

Terms

None.