



Major Systems Tested at AEDC



Virtually every high technology flight system in use by the Department of Defense today has been tested at AEDC. Add to this all of NASA's manned space programs and many satellites and space probes plus some commercial aircraft and the systems that AEDC has played a role in developing and deploying can readily be recognized by most Americans. AEDC has also played a role in the development of many systems that have been research projects only or aircraft or missiles that stood guard, defending the United States and our allies that have been retired from active duty. This list covers most major systems tested at AEDC, but is not all-inclusive.

Fighters

F-4 Phantom II, F-5 Freedom Fighter, F-14 Tomcat, F-15 Eagle/Strike Eagle, F-16 Fighting Falcon, F/A-18 Hornet, F/A-18 E/F Super Hornet, F-20, F-22 Raptor, F-105, Thunder Chief, F-111 Aardvark, F-117A Nighthawk, LAVI (Israel)

Attack

A-6A Intruder, A-7 Corsair II, AV-8A Harrier, A-10 Thunderbolt II, A-37A Dragonfly

Bomber

B-52 Stratofortress, B-58 Hustler, B-1 Lancer, B-2 Spirit, FB-111

Transports/Tankers/Special Mission

C-130 Hercules, C-141 Starlifter, C-5 Galaxy, C-17 Globemaster III, KC-10 Stratotanker, E-3A (AWACS) Sentry, EF-111 Raven, V-22 Osprey

Trainers

T-37 Tweet, T-38 Talon, T-46, Dornier Alpha Jet

Experimental/Prototype

YA-9, YF-17, Microfighter, YF-23, Joint Strike Fighter (X-32/X-35)

X-Planes

XB-70 Valkyrie, X-29, XT-4 (Japan), X-15, X-24A, X-24B, X-24C, X-30 National Aerospace Plane, X-33 (Lockheed Martin Skunk Works), X-43, X-37

Unmanned Aircraft

Firebee, Global Hawk

Commercial

Boeing 747, Boeing 767, Airbus

Air-to-Air Missiles

Advanced Medium Range Air-To-Air Missile (AMRAAM), Sidewinder

Cruise Missiles

Air Launched Cruise Missile, Ground Launched Cruise Missile, Navy Tomahawk Cruise Missile, Short Range Attack Missile (SRAM)

Intercontinental/ Submarine-Launched Ballistic Missiles

Polaris, Poseidon, Trident, Atlas, Titan, Minuteman, Peacekeeper,

Other Missiles Tested

Quail, Army Sergeant, Bomarc, Hedi, Little John, Maverick, Navy Standard Missile, Nike-Zeus, Patriot, Army Pershing, Snark, Sprint, Thor-Delta, Walleye, ASROC

Manned Space Programs

Mercury, Gemini, Apollo, Skylab, Dynasor, Space Shuttle, MOL (Manned Orbiting Laboratory), International Space Station

Satellites and Space Probes

NAVSTAR Global Positioning Satellite, Transedge, U.S. Pam, Star 12-48, Discoverer, Voyager, FLTSATCOM, Intelsat VI, Miniature Vehicle, Eris, Sagittar, Pathfinder, Space Probe, Viking

Space Launch Rockets

Atlas, Saturn V, Scout, Titan II, Titan III, Titan 34D, Vanguard, EELV

Gas Turbine Engines

Pratt & Whitney TF33 (B-52, KC-135) F100 (F-15/F-16) F119 (F-22/JSF) 4084, 4090, 4098 (Boeing 777)

General Electric

J45 (F-38, F-5, A-37) F101 (F-16, B-1) F110 (F-16, F-14) F404 (F-117A, F/A-18) F414 (F/A-18 E/F) TF39 (C-5)

Rolls-Royce Trent 800 (Boeing 777)

Orneda Iroques - (AVRO CF-105 Arrow)

Test before flight.

