

Technical Training Schools: U.S. Army

Introduction

U.S. Army Aviation Center of Excellence, the 1 – 13th Aviation Regiment, Fort Rucker, Alabama Fort Rucker, named Army Aviation Center of Excellence in 2008, serves as the headquarters for Army Aviation. While the garrison command manages the daily operations of the Fort Rucker community, the Aviation Branch Headquarters develops, coordinates and deploys Aviation operations, training and doctrine. The U.S. Army Aviation Center of Excellence also hosts various Army tenant organizations.



The 1st Battalion, 13th Aviation Regiment manages new recruits fresh out of basic training here to receive their military occupational specialty identifier before reporting to their first duty station. The battalion orchestrates and implements the majority of enlisted training at Fort Rucker. The 6th Military Police Detachment and B Company and 46th Engineering Battalion are also assigned to 1-13th. Fort Rucker's military and civilian firefighters are assigned under the 6th MP Detachment.

Courses of instruction include Utility Helicopter Repairer 15M, Observation Helicopter Repairer 15V, Air Traffic Control Specialist 15Q, Aviation Operations Specialist 15P, and the Aircraft Pneudraulics Systems Repairer Course 15H. Additionally, the battalion teaches and certifies aviation life support equipment technicians.

The curriculum encompasses job skills training, physical training, common task training, and military customs and courtesies. Training for the ATC students is further enhanced through virtual simulation. The battalion also provides operational and administrative support for graduate level aviation students returning for advanced aircraft transitions and all international students here for flight training.

The Headquarters and Headquarters Company manages the Enhanced Tower Simulator (ETOS), the newest and most advanced air traffic control simulator in the U.S. Army. The ETOS gives ATC students a realistic experience of what it is like inside an ATC tower. As the primary trainer for the tower 1-13th Avn. Rgt. trains the Army's ATC personnel. phase of ATC training in the Army, ETOS is used to train Soldiers in initial entry training on how to safely and expeditiously move aircraft to, from, and through designated airspace in a simulated, virtual environment.



Most of the training uses virtual landscape with high fidelity images of aircraft and the airfield, including the runway, hangars, nearby trees, and ground vehicles. The weather system, vehicles, stars, lights, sun, and rain are just like the real thing, and voice recognition software helps students to learn. ETOS can simulate almost every aircraft in the U.S. military inventory and civilian commercial aircraft. The training at Fort Rucker can apply to ATC operations at military airfields or civilian airports worldwide.

At Civil Air Patrol, the volunteer auxiliary of the U.S. Air Force, we're helping develop tomorrow's aerospace workforce.

Aviation Learning Center at Fort Rucker

The **Aviation Learning Center (ALC)** is an academic asset to the student aviator. We provide diverse host of training aids, study materials, computers, study areas, and instructor expertise. The following is a list of many of the aviation materials we have to offer:

ALC MATERIALS

- Videotapes & DVDs – on aircraft systems (AH-64, UH-60A/L, CH-47D, OH-58, TH-67 and related Aviation subjects
- Interactive Media Instruction – for the UH-60, AH-64, OH-58
- Publications – Technical Manuals, Field Manuals, Army Regulations, DA Pamphlets

EQUIPMENT

- Aircraft Cockpit Trainers -two interactive start-up cockpits (TH-67, UH-60A/L), AH-64D Front and Back seat interactive trainers and four static cockpit trainers (CH-47D, OH-58A/C, OH-58D, UH-60A/L
- Twenty Three computers with Aviation Mission planning System (Falcon view), fifteen have internet and Military network connected computer with CD Writers
- Three Video 8 Players for play back of AH-64 flight videos
- Two Microsoft Simulator trainers for VFR/IFR flight training
- OH-58C/TH-67 system components Trainings

Links to more Information click below:

<http://usmilitary.about.com/od/enlistedjobs/a/96u.htm>

Army Development Test Command:

http://www.atcc.army.mil/DTC/who_atcc_is.htm

US Army Schools/Locations:

<http://www.army.mil/info/armylife/careermanagement/schools/>

Link to References click below:

[Army course references](#)



Courtesy: US Army, About.com