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United States Army

## Redstone Technical Test Center (RTTC)









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# Resources

## Ranges, Road Courses and Facilities

### FAAD/Air Defense Test Site

The Air Defense Test Site is located on the southern end of Redstone Arsenal. Constructed in 1986, the site was chosen for its northern European style terrain and availability of restricted air space. The ranges available to the site are 13 km within Redstone Arsenal and 29 km+ may be coordinated with the Huntsville Air Traffic Control Facility. The site has two concrete pads that have been surveyed and are supplied with electrical and telephone support. These pads can be used to place equipment and test vans.

Overview

Ranges, Road  
Courses & Fac.

High Performance  
Computer (HPC)

Unique Equipment  
& Tools

Fiber Optic  
Networks

Personnel/Tech  
Expertise



Aerial view of the lower pad showing the terrain and several test trailers

Each pad has the ability for on site test instrumentation for GPS (Global Positioning System), recording of test data, real time data presentations, LOS (Line of Site) slaving to GPS data. Along with this site's northern European terrain, there are numerous areas for low-level fixed wing flight and rotary wing masking and unmasking. These features

give this site a unique ability to support various types of testing from FAAD (Forward Area Air Defense) to UAV (Unmanned Aerial Vehicle) and RPV (Remotely Piloted Vehicle). The site is also used for aircraft detection, acquisition, and vulnerability from air defense systems and ground-based sensors.



The Avenger Air Defense System  
with a commanding view of the local terrain

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