

June 2010

Armament Ejection Test Facility (AETF) Improvements

Dayton T. Brown Inc. is proud to announce that the entire building that houses our Armament Ejection Test Facility (AETF) has undergone several improvements!

This AETF, located just north of the main testing lab in Bohemia, NY is considered to be the premier facility of its kind in the US. The facility was constructed in the 1970's for the purpose of testing armament equipment including all bomb racks and launchers and spare parts. The facility has become the bench mark for the Navy and the Air force in evaluating bomb rack and launcher performance.



The ATEF specializes in bomb rack and launcher ejection testing and includes data acquisition systems capable of collecting multiple channels of store separation test data to determine whether or not a safe store separation will occur from the aircraft in actual use. The improvements to the facility include modern amenities to make visitors more comfortable and productive.

There are various improvements that were made to the AETF. Improvements include the updating of our data acquisition systems and ejection system collection software. The present data acquisition system is capable of recording 128 channels of test data during a normal ejection and capture events that occur within milliseconds extending out to several seconds. Through the use of our up-to-date data collection systems, we are ready for your testing needs.



We continue to evolve with changing technologies on the cutting edge of bomb rack design, and continue to serve the fleet with existing field units. Also included in the update of our facility are improvements of the heating and cooling systems, as well as the development of a bomb rack/launcher work shop also located in the facility.

The customer's facilities area was improved with a modern meeting room complete with a small kitchenette and wheel-chair accessible facilities. The improvements were all incorporated in our drive to provide our customers with the utmost in service and testing.



The building's improvements have been helpful to both our customers and our staff. A more comfortable setting has been created by adding more room for our customers in a separate setting than the work area. Also, our staff has a new work shop facility to help the process of performing tests quickly and efficiently.

Improving our test facility is just another way DTB strives to be your choice when it comes to testing!