

MARYLAND AIR NATIONAL GUARD (MD-310)
Baltimore County, Maryland
(Federal Facility)

Site Location

The 175-acre Maryland Air National Guard (MANG) is an active military facility located on grounds adjoining Lockheed Martin (338 acres) and with Martin State Airport (747 acres) where it shares taxiways and runways. The base sits in the southeast portion of Baltimore County between Frog Mortar and Stansbury Creeks of Middle River, merging to the southeast with the Chesapeake Bay.

Site History

The Glen L. Martin Aircraft Company first occupied the Baltimore County site in 1929. They were primarily in the business of design, manufacture and testing of aircraft. By 1932 they were producing the B-10, which was followed by the China Clipper, PBM flying boats, the B-26 bomber and the Martin Mars. After WWII, Glen L. Martin produced jet powered aircraft and the Martin 202 and 404 commercial transports.

By 1955, the Maryland Air National Guard (MANG) began leasing property at this Baltimore County site with the arrival of the 104th Tactical Fighter Group (TFG) equipped with the F-86 aircraft. By October 1962, the 104th TFG was reorganized and re-designated the 175th TFG. In 1970 the F-86 aircraft were replaced with A-37 aircraft and by October 1987 the A-10 had replaced the A-37.

Today, land use at the base includes: runways, maintenance sheds, hangers, mess halls, recreational centers, offices, vehicle maintenance buildings, fuel storage facilities, and ammunition depots.

The major support operations performed at the Base include: aircraft refueling, defueling, and deicing, and aircraft and aircraft ground equipment maintenance.

Aircraft maintenance operations include activities such as corrosion control, nondestructive inspections, fuel cell maintenance, engine maintenance, hydraulics, wheel and tire maintenance, and aircraft washing. Aircraft ground equipment maintenance operations include fluid changes, brake repair, lubrication, axle and drive train repair, body repair and welding, and minor painting and washing. Facilities maintenance operations include structural maintenance and repairs, painting, chemical treatment (through and outside contractor) with pesticides, with fertilizers and with herbicides, and lawn mowing and utility maintenance. There are approximately 450 full-time employees at the base (30 state employees and 420 military personnel). An additional 2,500 part-time ANG employees are divided into two groups that come on base for the first and second weekend of each month to alternately support A-10 and C-130 missions.

Environmental Investigations and Actions

In July of 1988, an Installation Restoration Program Preliminary Assessment (IRP-PA) study was completed identifying 15 potential spill/waste sites. The PA recommended 12 sites for further investigation. Of the 12, eight were managed under the Waste Management Administration's Oil Control Program, and the remaining four [Sites 6, 9, 10 & 12] sites proceed to (Remedial Investigation Feasibility Study) RI/FS under CERCLA. By 1999, an additional Area of Concern (AOC) was added; AOC "A" a jet engine test pad was to be studied for the potential of having drums buried beneath it.

Site 6 consists of a .3 acre Old Aircraft Washrack where maintenance personnel washed aircraft with cleaning agents such as industrial detergents, Varsol, and 115/145-octane aviation gasoline from approximately 1956 through 1975. Site 9 is a 50 – 70 foot diameter former location of a bermed and unlined fire training area that was used from 1975 through 1979. The site is currently covered by buildings and by the aircraft-parking apron. An estimated 2,970 gallons of spent solvents, waste oils, slop wastes, other flammable wastes and fire-extinguishing agents may have been released onto the ground during the period the site was in use. Site 10 is a 50 – 70 foot diameter former location of a bermed and unlined fire training area that was used from 1957 through 1975. Spent solvents, waste oils, slop wastes, and other flammable substances used for

the fire-training exercises were stored in drums at the site between training events. An estimated 10,000-gallons of flammable liquids might have been released onto the ground during the 18-year period this site was in use. Site 12 is a structure that was previously used for test-firing aircraft weapons.

AOC "A" is a 40-foot by 40-foot area of the jet engine test pad used for testing C-130 and A-10 jet engines at the base. The site is being studied to determine the potential release of hazardous substances from suspected buried drums beneath the concrete pad.

Current Status

Sites 6, 9, 10 & 12 have each undergone a Remedial Investigation and a Feasibility Study. AOC "A" has progressed to completion through the Site Investigation stage of the IRP process. A work plan for a Remedial Investigation of AOC "A" is in development.

Planned or Potential Future Action

The base has requested that Sites 6, 9, 10 & 12 be considered for closure and the State has requested the base either complete site evaluation for unrestricted use or develop a set of Institutional Controls. AOC "A" will continue to be evaluated through the IRP process. The Maryland Air National Guard expects to have all IRP sites closed out by September 2004.

Facility Contacts

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Site Repositories

Baltimore County Public Library
Towson Branch
320 York Road
Baltimore, MD 21204

Baltimore County Public Library
Essex Branch
1110 Eastern Blvd.
Baltimore, MD 21221