



The U.S. Customs and Border Protection (CBP), Office of Air and Marine (OAM) operates the highly capable and proven Predator B unmanned aircraft system (UAS) in support of law enforcement and homeland security missions at the nation's borders. OAM selected the Predator B, manufactured by General Atomics Aeronautical Systems, for its unique combination of operational capabilities, payload capacity, mission flexibility, potential to accommodate new sensor packages, and its safety and performance record with other federal agencies.

The UAS program focuses operations on the CBP priority mission of anti-terrorism by helping to identify and intercept potential terrorists and illegal cross-border activity.

It also supports disaster relief efforts of its Department of Homeland Security partners, including the Federal Emergency Management Agency and the U.S. Coast Guard.

The remotely-piloted Predator B allows OAM personnel to safely conduct missions in areas that are difficult to access or otherwise too high-risk for manned aircraft or CBP ground personnel.

CBP first employed the Predator B in support of law enforcement operations on the Southwest Border in 2005 and along the Northern Border in 2009. OAM operates Predator Bs from Libby Army Airfield in Sierra Vista, Ariz., and Grand Forks Air Force Base in ND.

OAM also operates a maritime variant UAS called the Guardian. OAM's Guardian aircraft fly from Naval Air Station Corpus Christi in Texas and along the Northern Border Region. OAM expects to

### Performance and Weight:

- **Maximum Speed**  
240 knots (276 mph)
- **Service Ceiling Altitude**  
50,000 feet
- **Endurance**  
Up to 20 hours
- **Maximum Gross Weight**  
10,500 pounds

### Other System Components

- Fixed and mobile ground control stations
- Electro-optical/infrared sensors, which allow for crewmembers to maintain awareness of targets in all environments.
- Surface Search Radar/Ground Moving Target Indicator

employ the Predator B throughout the border regions with command and control from a network of ground control stations across the country. The Predator B's capability to provide high-quality streaming video to first responders, and to assess critical infrastructure before and after events, makes it an ideal aircraft to support emergency preparations and recovery operations.

The UAS provided emergency support for multiple hurricanes and floods since 2008. Video recorders document suspect activities for evidentiary use.

