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Counter Unmanned Aircraft System (CUAS) Operational at Los Alamos

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Managed by Triad National Security, LLC for the U.S. Department of Energy's NNSA

Proliferation of the Drone Threat



National Terrorism Advisory System
Bulletin
www.dhs.gov/advisories

November 9, 2017 1:00PM EST

SUMMARY OF TERRORISM THREAT TO THE U.S. HOMELAND

Since 2015, the Department of Homeland Security (DHS) has used this Bulletin to highlight the continuing terror threat to the U.S. Homeland. The United States is engaged in a generational fight against terrorists who seek to attack the American people, our country, and our way of life. An informed, vigilant and engaged public remains one of our greatest assets to identify potential terrorists and prevent attacks.

ADDITIONAL DETAILS

- We continue to face one of the most challenging threat environments since 9/11, as foreign terrorist organizations exploit the Internet to inspire, enable, or direct individuals already here in the homeland to commit terrorist acts. Homegrown terror suspects increasingly rely on technology, such as end-to-end encrypted social media applications, to avoid detection.
- Terrorist groups are urging recruits to adopt easy-to-use tools to target public places and events. Specific attack tactics have included the use of vehicle ramming, small arms, straight-edged blades or knives, homemade explosives, and poisons or toxins.
- Some terrorist groups overseas are using battlefield experiences to pursue new technologies and tactics, such as unmanned aerial systems and chemical agents that could be used outside the conflict zones. Additionally, terrorists continue to target commercial aviation and air cargo, including with concealed explosives.
- Violent extremist media encourages individuals worldwide to launch attacks using all means possible. Continued U.S. and partner successes in disrupting and defeating terrorists on the battlefield may encourage homegrown terrorists to carry out acts of violence in the homeland instead of attempting to travel overseas to fight or in retaliation for apparent losses.
- Additionally, foreign terrorist fighters who have acquired training and battle-tested terrorism experience may flee from

DURATION
This Bulletin will expire on
May 9, 2018
at 1:00PM EDT

TYPES OF ADVISORIES

Bulletin
Describes current developments or general trends regarding threats of terrorism.

Elevated Alert
Warns of a credible terrorism

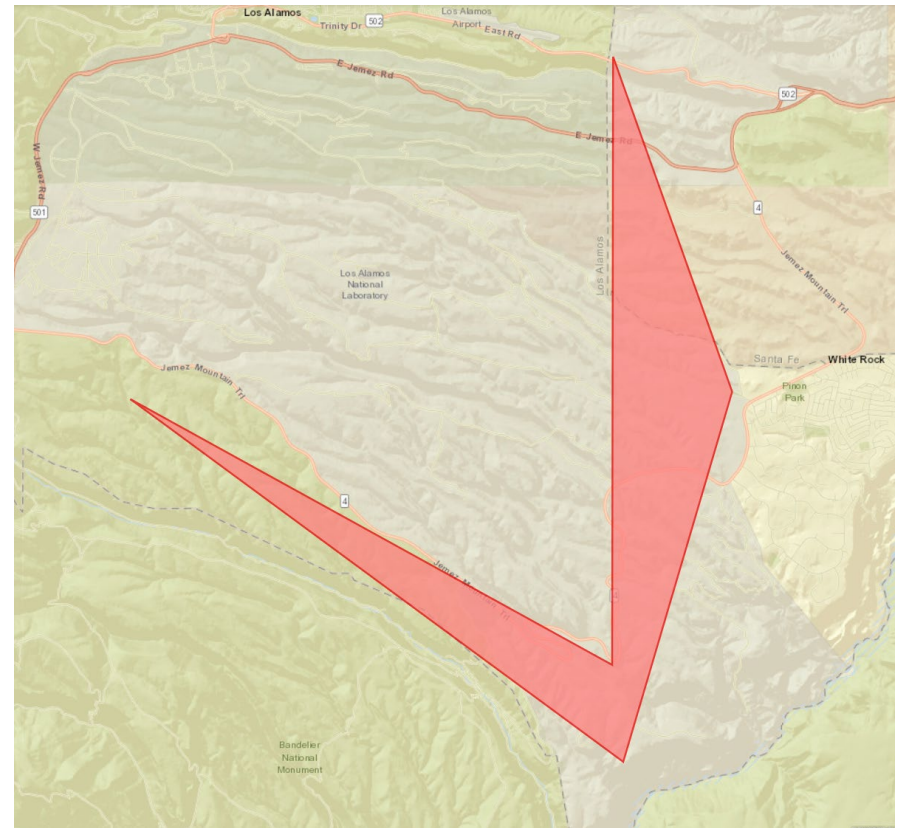
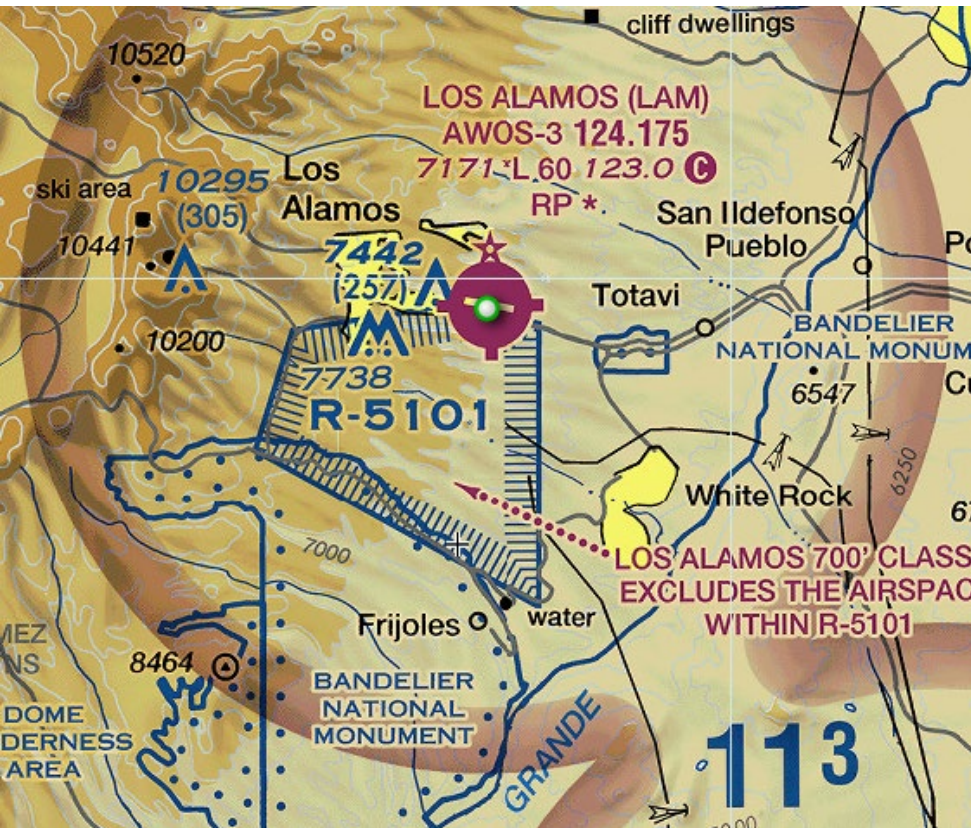


Overview

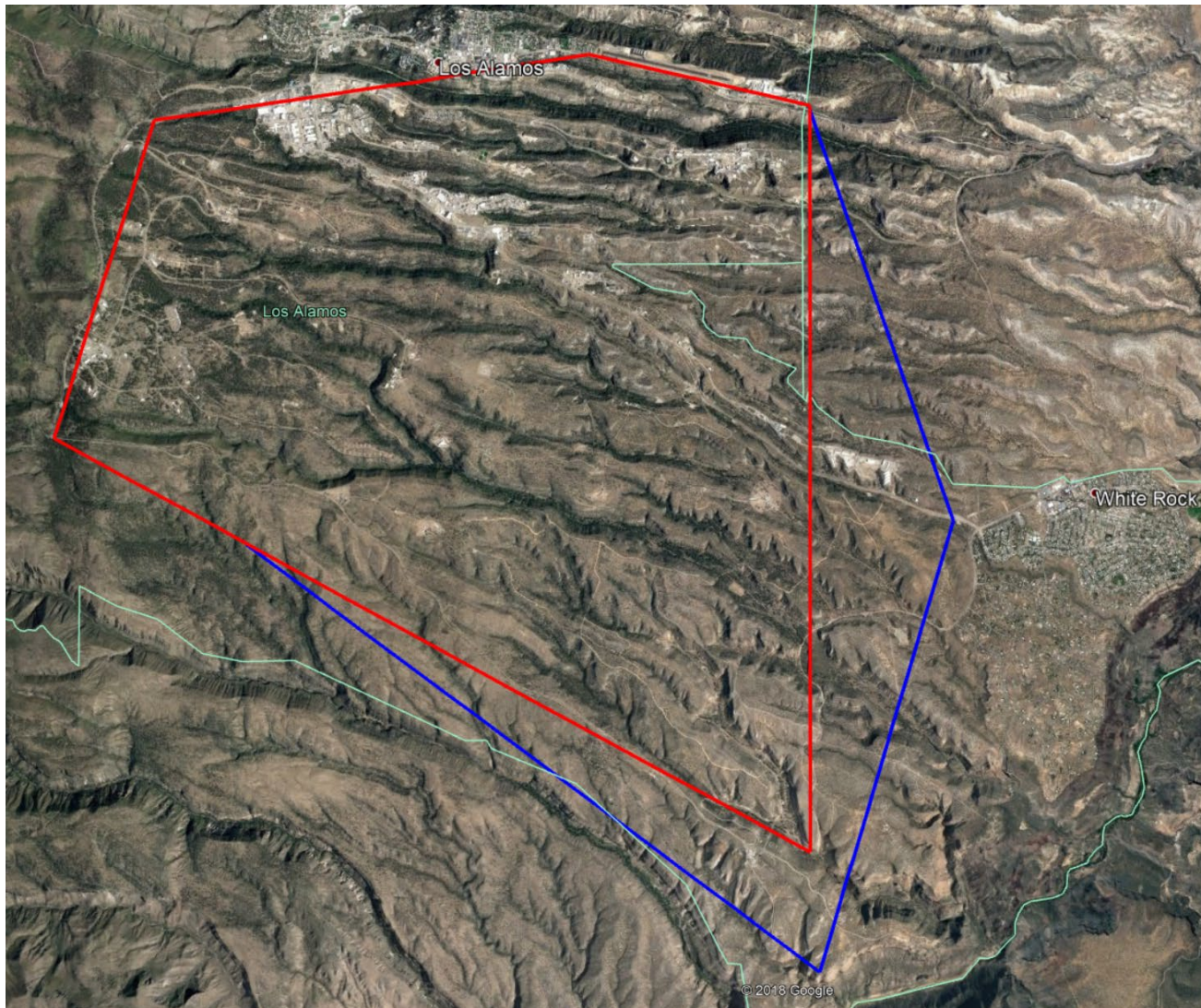
- **Los Alamos National Laboratory, in collaboration with the National Nuclear Security Administration (NNSA) and the Federal Aviation Administration (FAA), has deployed a system to counter all unauthorized unmanned aircraft systems (UAS) over its restricted airspace and designated “No Drone Zone.”**
- **The system is government authorized and is currently in an operational testing and evaluation phase.**

**ALL AIRSPACE OVER THE LOS ALAMOS NATIONAL LABORATORY
IS PROTECTED AGAINST UNAUTHORIZED DRONE OR UAS
FLIGHTS.**

LANL Restricted Airspace R-5101 and No Drone Zone



R-5101 and NDZ Combined



Objective

- **Provide advanced “fair warning” explaining Laboratory air space restrictions and CUAS operations to any and all UAS owners and operators in Northern New Mexico.**
- **Inform all appropriate community and local government stakeholders that the Laboratory will activate a CUAS system.**

Target Audiences

- **County Officials**
 - LAPD/LAFD
 - County Manager and School Superintendent
- **Any and all aerial “drone” or UAS owners and operators.**
- **Local and regional stakeholders**
 - Local news media
 - Laboratory employees
 - Local residents

Key Message

- The Laboratory is authorized by Federal Law to detect and track UAS systems in our airspace.
- If the UAS poses a threat, the Laboratory will disrupt control of the system, seize or exercise control, confiscate, or use reasonable force to disable, damage or destroy the UAS.

SECTION 3112 OF THE NATIONAL DEFENSE AUTHORIZATION ACT (NDAA)

AUTHORITY: MITIGATE AS DEFINED BY THE SECRETARY OF ENERGY, IN CONSULTATION WITH THE SECRETARY OF TRANSPORTATION, THAT AN UNMANNED AIRCRAFT SYSTEM OR UNMANNED AIRCRAFT POSES TO THE SAFETY OR SECURITY OF A COVERED FACILITY OR ASSET.

Key Message

- If you fly your drone over Los Alamos National Laboratory, in all likelihood you will lose your drone.
- Before you fly, it is a pilot's responsibility to know the Laboratory's airspace restrictions.
- Maps are available from the Federal Aviation Administration (FAA).

THE LABORATORY DOES NOT WANT TO INTERFERE WITH NORMAL COMMERCIAL OR HOBBYIST DRONE FLIGHTS, BUT WILL PROTECT ITS ASSETS FROM ALL UNAUTHORIZED UAS FLIGHTS.