

FAST FACTS: The Active Denial System (ADS)



U.S. Department of Defense
Non-Lethal Weapons Program

DID YOU KNOW?

ADS is explicitly designed to save lives

The Joint Force wants and needs Intermediate Force Capabilities like ADS

ADS is NOT like a microwave oven. It is LESS likely to cause injury than almost any other non-lethal weapon

More than 2,000 volunteers have experienced ADS

The DoD NLW Program has conducted multiple ADS media days and public displays in order to provide factual information on this game-changing technology to the general public

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FACTS

The DoD Non-Lethal Weapons Program is dedicated to developing safe and effective capabilities that minimize civilian casualties

Learn more:

<https://jnlwp.defense.gov/About/DOD-Non-Lethal-Weapons-Policy/>

ADS can provide U.S. forces with additional decision time and space to validate that a perceived hostile intent or act is, in fact, hostile

Learn more:

- <http://www.dvidshub.net/video/301663/active-denial-system-undergoes-demonstration#.UjoYYcakqk>
- [https://jnlwp.defense.gov/Portals/50/Documents/Multimedia/Active Denial Technology Videos/ads short vid.wmv](https://jnlwp.defense.gov/Portals/50/Documents/Multimedia/Active%20Denial%20Technology%20Videos/ads%20short%20vid.wmv)
- <http://www.dvidshub.net/video/304622/solid-state-active-denial-technology#.Umk9zsvD-pp>

ADS uses millimeter wave technology to cause a brief, but intense, heating sensation. The system's human effects safety is supported by years of peer-reviewed scientific studies and independent reviews

Learn more:

[https://jnlwp.defense.gov/Portals/50/Documents/Future Non-Lethal Weapons/HEAP.pdf](https://jnlwp.defense.gov/Portals/50/Documents/Future%20Non-Lethal%20Weapons/HEAP.pdf)

See what it is like to experience ADS:

VIDEO: <https://www.dvidshub.net/video/144407/active-denial-system#.UfGI1hXD-ew>

National and international journalists have experienced and reported on ADS since 2007

Learn more:*

- **60 Minutes (CBS):** <https://www.youtube.com/watch?v=Jl1w4g2vr7B4>
- **NBC:** <https://www.nbcnews.com/id/wbna20497575>
- **New York Times:** <https://thelede.blogs.nytimes.com/2007/01/26/pentagon-debuts-a-non-lethal-ray-gun/>
- **CNN:** <https://edition.cnn.com/videos/tech/2015/02/20/us-military-heat-ray-nws-orig.cnn>
- **Reuters:** <https://www.reuters.com/article/idUSN24424593>