

# Unmanned Aircraft Program & Privacy Protections

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**Homeland  
Security**

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Science and Technology



# Unmanned Aerial Vehicles (UAVs)





# Unmanned Aircraft Systems (UAS)





# UAV versus RC Airplane



## UAV

- Commercial
- Government
- Private Company
- Requires FAA Certificate of Authorization (COA)

## Remote Control Airplane

- Personal Use
- FAA Advisory Circular 91-57



# First Published UAS Privacy Impact Assessment



Privacy Impact Assessment  
for the

## Robotic Aircraft for Public Safety (RAPS) Project

**November 16, 2012**

**DHS/S&T/PIA-026**

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# Beneficial Uses

- Exigent Circumstances
  - Search & Rescue Operations
  - Firefighting & HAZMAT Response
- Border Surveillance
- Disaster Response/Recovery
- Critical Infrastructure Surveillance
- Crop Dusting
- Land Surveying
- Wildlife Monitoring





# FAA Modernization and Reform Act of 2012

H. R. 658

## One Hundred Twelfth Congress of the United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Tuesday,  
the third day of January, two thousand and twelve*

### An Act

To amend title 49, United States Code, to authorize appropriations for the Federal Aviation Administration for fiscal years 2011 through 2014, to streamline programs, create efficiencies, reduce waste, and improve aviation safety and capacity, to provide stable funding for the national aviation system, and for other purposes.

*Be it enacted by the Senate and House of Representatives of  
the United States of America in Congress assembled,*

#### **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

(a) **SHORT TITLE.**—This Act may be cited as the “FAA Modernization and Reform Act of 2012”.



# Mitigation Strategies

- Fair Information Practice Principles (FIPPs)
  - Data retention and destruction times
  - Purpose Specification
  - Notice
- Oversight
- Community Outreach





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