Unmanned Aircraft Systems Usage Survey

Unmanned Aircraft Systems Potential Usage for the City of Boulder

The City of Boulder is exploring the use of Unmanned Aircraft Systems (UAS). The following questions site ways other cities use them. Let us know what you think!

Public Safety

Please rate the importance of this type of use to both our community and to you personally.

1) Search and Rescue: Reconnaissance and assist during an emergency, both for water and land operations.

To our Community

( ) Not Important　　　( ) Less Important　　　( ) Important　( ) More Important　　( ) Very Important

To you Personally:

( ) Not Important　　　( ) Less Important　　　( ) Important　( ) More Important　　( ) Very Important

Comments: _____

2) Fire Detection: Use heat sensing cameras to identify and mitigate small fires before they become big fires.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

3) Fire Fighting: Use aerial view to understand fire dynamics and develop or update mitigation strategies.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

4) Toxic and Unknown Substances: Incident response in cases of possible exposure to toxic chemical or unknown substances.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

5) Mobile Communication: Add mobile infrastructure to systems to improve communication in austere environments.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

6) Planning: Pre-planning for fire mitigation strategies, fuel loading, defensible features and modeling.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

7) Active Shooter / Active Harmer Situations: Use UAS to support capture and mitigation of a terrorist attack, threat, or act of large scale harm.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

8) Explosives: Use UAS instead of putting an officer in harms way in the case of a suspected or known explosive.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

9) Investigations: Areal imagining, crime scene documentation, accident reconstruction, 3D modeling.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

Facilities and Infrastructure

Please rate the importance of this type of use to both our community and to you personally.

10) Inspections: Surveys and assessments of properties and assets including: power transmission infrastructure, communications infrastructure, water and waste containment, treatment and transport structures, property and landscape.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

11) Security: Flights and boundary patrols of secure properties and assets.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

12) Modeling: Flights to assist with 3D modeling for large scale infrastructure and transportation projects.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

13) Municipal works projects: Planning for large scale transportation, utilities or other public works activities.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

Resilience

Please rate the importance of this type of use to both our community and to you personally.

14) Disaster Recovery: Inspect and assess properties and assets post disaster; damage assessments.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

15) Emergency Response: Reconnaissance for wildfire, flood and other natural disaster operations.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important ( ) More Important ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important ( ) More Important ( ) Very Important

Comments: _____

16) Modeling: Overflights to assist with 3D modeling and post-disaster change detection.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important ( ) More Important ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important ( ) More Important ( ) Very Important

Comments: _____

Parks & Recreation

Please rate the importance of this type of use to both our community and to you personally.

17) Inspections and Maintenance: Survey and assess property and landscapes.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

Open Space and Mountain Parks

Please rate the importance of this type of use to both our community and to you personally.

18) Research and Monitoring: Conducting research regarding vegetation type and health, wildlife, streams and reservoirs.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

19) Enforcement and Investigations: Detection of illegal and hazardous activities on protected watershed lands.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

20) Inspections and Maintenance: Surveys and assessments of properties and assets including: trail, landscape, and wildlife and related management infrastructures.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

21) Search and Rescue: Emergency search for system users.

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

Communications

Please rate the importance of this type of use to both our community and to you personally.

22) Story Telling and Marketing: Capture videos and still photographs of Citywide events (Ex. BoulderBoulder)

To our Community

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

To you Personally:

( ) Not Important   ( ) Less Important   ( ) Important   ( ) More Important   ( ) Very Important

Comments: _____

(untitled)

23) Please provide any additional ideas or feedback you may have.

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Thank You!

Thank you for taking our survey. Your response is very important to us.