

Unmanned Aircraft System Digital Investigations (UAS DI) Concept of Operations (CONOPS)

Background

By providing comprehensive UAS digital forensic data, (b) (5) [redacted]
[redacted]
UAS digital investigation support, in the form of technical assistance, (b) (5) [redacted]
[redacted] not only strengthens the fabric protecting the National
Airspace System (NAS), (b) (5) [redacted]
[redacted]

(b) (5) [redacted]
[redacted]

(b) (5) [redacted]
(b) (5) [redacted]
[redacted]

Documented UAS incidents have increased across the country year after year and the volume of UASs in the U.S. market (b) (5) [redacted]. Although the FAA has historically assisted internal and external requests for UAS digital forensics, the FAA does not have a specialized and dedicated unit. (b) (5) [redacted]

[redacted] With the passing of the FAA Reauthorization Act of 2018, the FAA was charged with establishing and enhancing NAS safety programs. (b) (5) [redacted]
[redacted]

Vision

(b) (5) [redacted]
[redacted]

(b) (5)

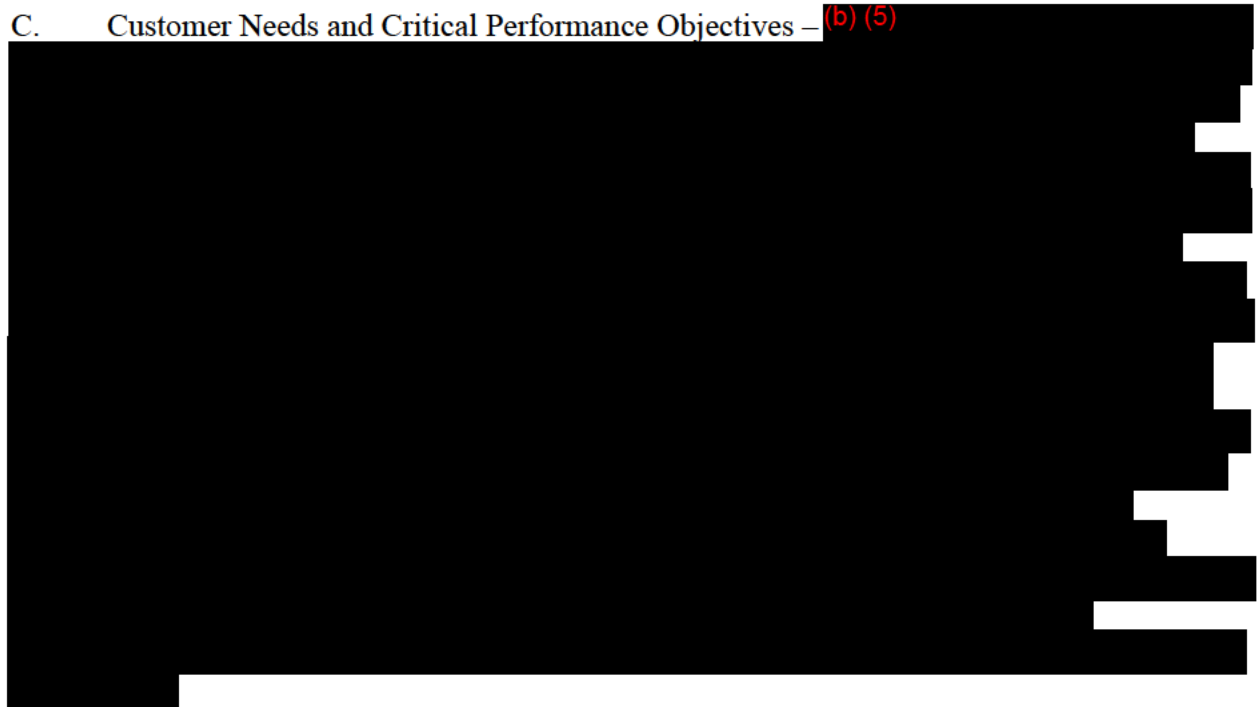
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A. Organization – The UAS DI program would be well suited within the AXI-400, Technical Investigations Division until program growth or ASH/AXI restructuring priorities create a standalone unit.

B. Laws, Regulation, and Authority – The UAS DI program authority is derived from 14 Code of Federal Regulations (CFR) 107.7 (b); 49 United States Code (U.S.C.) § 46104(a)(4); 49 U.S.C. § 40113; and 49 U.S.C. § 46101(a)(2).

C. Customer Needs and Critical Performance Objectives – (b) (5)

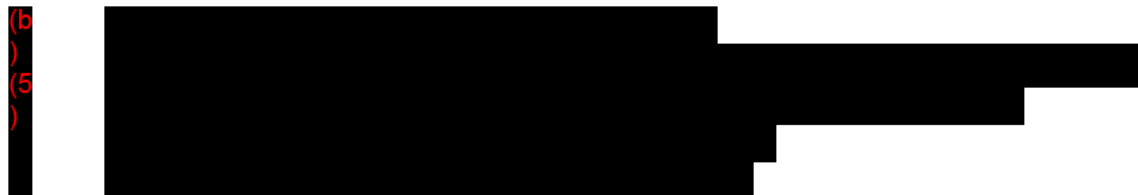


The FAA is looked upon as the global leader in NAS safety, innovation, and integration. (b) (5)



Priorities

(b) (5)



D. Program Management, Materials, Facilities, Resources

Program Management

(b) (5)
[Redacted]

Materials

(b) (5)
[Redacted]

Facilities

(b) (5)
[Redacted]

Resources

(b) (5)
[Redacted]

E. Professional Development

Training

The UAS and UAS digital investigation fields are constantly evolving. To remain current with the fields, personnel assigned to the UAS DI program conducting technical work will require specialized training and certification to support regulatory and (b) (5). ASH investigative employees are required to testify and/or provide depositions that often rely on the

backbone of steadfast practices supported by comprehensive policy and training. (b) (5)

[Redacted]

(b) (5)
[Redacted]

Industry Involvement

(b) (5)
[Redacted]

(b) (5)
[Redacted]

(b) (5)
[Redacted]

F. Program Limitations

(b) (5)
[Redacted]

[Redacted]

G. Support and Sustainment (Life cycle)

(b) (5)

