

# Operations Under a Blanket COA

- Standard Blanket COA issued for all operators' 49 USC 44807 Grant of Exemption.
- Class G airspace at or below 400 feet Above Ground Level (AGL) in the National Airspace System (NAS).
- Specific restrictions to operations
  - (1) 5 nautical miles (NM) from an airport having an operational control tower; or
  - (2) 3 NM from an airport having a published instrument flight procedure, but not having an operational control tower; or
  - (3) 2 NM from an airport not having a published instrument flight procedure or an operational control tower; or
  - (4) 2 NM from a heliport.

Blanket COA, 44807 Grant of Exemption, Class G Airspace at or below 400 AGL  
 FAA Form 7711-1, Certificate of Authorization

| DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION   |   |
|---|---|
| CERTIFICATE OF WAIVER OR AUTHORIZATION  |   |
| ISSUED TO   | Any Operator with a valid 49 U.S. Code (USC) 44807 Grant of Exemption   |
| This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.  |   |
| OPERATIONS AUTHORIZED   | Operation of Unmanned Aircraft System(s) (UAS) in accordance with the operators' 49 USC 44807 Grant of Exemption in Class G airspace at or below 400 feet Above Ground Level (AGL) in the National Airspace System (NAS). |
| LIST OF WAIVED REGULATIONS BY SECTION AND TITLE   | N/A   |
| STANDARD PROVISIONS   |   |
| 1. A copy of the application, made for this certificate shall be attached and become a part hereof.<br>2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration (FAA), or of any State or municipal official charged with the duty of enforcing local laws or regulations.<br>3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.<br>4. This certificate is nontransferable. |   |
| Note: This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.  |   |
| SPECIAL PROVISIONS  |   |
| Special Provisions A to G, inclusive, are set forth on the attached pages.<br>This Certificate of Waiver or Authorization (COA) is valid for two years from the issuance of a 49 USC 44807 Grant of Exemption and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.   |   |
| BY DIRECTION OF THE ADMINISTRATOR   | BY DIRECTION OF THE ADMINISTRATOR   |
| FAA Headquarters<br>(Region)  | DARYL L. GRANT<br>DARYL L. GRANT<br>GRANT<br>(Signature)  |
|   | Acting Manager, UAS Policy Team<br>(Title)  |

FAA Form 7711-1 (7-74)

Blanket COA, 44807 Grant of Exemption, Class G at or below 400 feet AGL February 2024

# Operations Under a Blanket COA

- Notice to Air Mission (NOTAM) requirement
- Reporting Requirement
- **If operations cannot be conducted under these conditions, the 44807 Exemption holder will need to apply for a Jurisdictional COA.**

Blanket COA, 44807 Grant of Exemption, Class G Airspace at or below 400 AGL  
 FAA Form 7711-1, Certificate of Authorization

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| OPERATIONS AUTHORIZED   | Operation of Unmanned Aircraft System(s) (UAS) in accordance with the operators' 49 USC 44807 Grant of Exemption in Class G airspace at or below 400 feet Above Ground Level (AGL) in the National Airspace System (NAS). |
| LIST OF WAIVED REGULATIONS BY SECTION AND TITLE   | N/A   |
| STANDARD PROVISIONS   |   |
| 1. A copy of the application, made for this certificate shall be attached and become a part hereof.<br>2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration (FAA), or of any State or municipal official charged with the duty of enforcing local laws or regulations.<br>3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.<br>4. This certificate is nontransferable. |   |
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| BY DIRECTION OF THE ADMINISTRATOR<br>FAA Headquarters<br>(Region)   | DARYL L. GRANT<br><small>Signature</small><br>GRANT<br><small>(Signature)</small><br>Acting Manager, UAS Policy Team<br>(Title)   |

FAA Form 7711-1 (7-74)

Blanket COA, 44807 Grant of Exemption, Class G at or below 400 feet AGL February 2024

# CAPS Portal – Applying for a COA

Need when applying for a Jurisdictional COA

Jurisdiction - Specific area not covered by the Blanket COA.

Blanket COA States:

“2. For all UAS requests not covered by the conditions listed above, the Grant of Exemption holder must apply for a new Air Traffic Organization (ATO) COA at <https://caps.faa.gov/coaportal>.”

# Applying for the CAPS Account



[LOG OUT](#)

## COA Application Processing System (version 2.2.8.5.f)

[Home](#) [Civil COA](#) [COA Reports](#) [Log Out](#)

Welcome Joel Jones



[Start a new Civil COA](#)

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[View Approved Civil COAs](#)

[Search Existing Civil COAs](#)

[Renew a Civil COA](#)

[Create Report for Civil COA](#)

[Continue Saved Report for Civil COA](#)

[View a Submitted Report for Civil COA](#)

[View Approved Civil COA from COA Online](#)

**Attention: CAPS is restarted every day at 7:00 AM EST. If you are working in the application just prior to either of those times, please save your work and exit the application. The system should be available again within a few minutes of restarting.**

**Attention: If you are requesting a waiver to 91.113 for Beyond Visual Line of Site operations using other than visual observers or a chase plane, do not submit an application unless you have been instructed to do so by AJV-115. For more information on a 91.113 waiver, please submit an email to 9-UAS-91.113Waivers@faa.gov.**

PRIVACY ACT STATEMENT: This statement is provided pursuant to the Privacy Act of 1974, 5 USC § 552a.

The authority for collecting personally identifiable information (PII) through the COA Application Processing System (CAPS) website is contained in 14 CFR Part 107 which permit small UAS operators to apply for certificates of waiver to allow a small UAS operator to deviate from certain provisions of 14 CFR part 107 if the Administrator finds the operator can conduct safely the proposed operation under the terms of a certificate of waiver. In addition, it permits operators to request authorizations to enter controlled airspace (Class B, Class C, or Class D airspace, as well as the lateral boundaries of the surface area of Class E airspace designated for an airport). The principal purpose for which information collected is intended to be used is to complete the COA process and receive a response. Failure to provide the required information will prevent the FAA from granting a certificate of waiver or authorization which is required by 14 CFR part 107 to be completed prior to operation of the small UAS. The information collected to complete the COA process and issue the unique identifier is included in a Privacy Act System of Records known as DOT/FAA 854, titled "Requests for Waivers and Authorizations Under 14 CFR Part 107 - 81 FR 50789 - August 2, 2016." Records from this system of records may be disclosed in accordance with the routine uses that appear in Department of Transportation (DOT)/FAA 854, available at <https://www.transportation.gov/individuals/privacy/privacy-act-system-records-notices>.

# Requesting Account

- Create a login at <https://caps.faa.gov/coaportal>
- Fill out Certificate of Operation (COA) Application Processing System (CAPS) Access Request Form
- Prepare Email from <https://caps.faa.gov/coaportal> to [9-AJV-115-UASOrganization@faa.gov](mailto:9-AJV-115-UASOrganization@faa.gov)
  - State in email " To Whom it May Concern,
  - In accordance with the Blanket COA issued along with Exemption Number {FAA-20XX-XXXX-XXX} and the instructions listed within the CAPS website I am submitting the "CAPS Access Form" to allow us to register for the COAPortal on CAPS.FAA>Gov for COA request to be issued for our ag spray operations when a client's field is within the prescribed boundaries defined within the Blanket COA.

The Registration N-number of my UA is NXXXXX. I have attached a copy of my UA Aircraft Registration Card and Current Exemption. "

1. Attach Filled out CAPS Access Request Form
2. Attach Image of Drone Registration
3. Attach Current Exemption you are operation under
4. Ensure names match between Aircraft Registration form 8050-3 and on your Exemption

# Form 8050-3

## Certificate of Operation (COA) Application Processing System (CAPS) Access Request Form

The Certificate of Waiver or Authorization (COA) Application Processing System (CAPS) is a web application developed in support of the Federal Aviation Administration (FAA) Modernization and Reform Act of 2012 (FMRA), PL 112-95, § 333 & 334. The FMRA directs the FAA to safely integrate Unmanned Aircraft Systems (UAS) into the National Airspace System (NAS). CAPS provides an interactive on-line application process to request a COA for a specific flight operation, or a blanket COA, which permits nationwide flights under standard restrictions.

In order to gain access to CAPS and complete a COA, please complete this form and submit in accordance with the instructions provided at <https://caps.faa.gov>.

If you are not sure about which type of waiver or authorization is needed for your UAS operation, please visit [www.faa.gov/uas](http://www.faa.gov/uas).

### Section 1: Proponent Information

|                     |              |
|---------------------|--------------|
| Date                | Name         |
| Public/Civil Entity | COMPANY NAME |
| Telephone           | Email        |

Is requester a contractor for a public entity?  Yes  No If Yes, proceed to Section 2. If No, proceed to Section 3.

### Section 2: Contractor Requests

|   |   |
|---|---|
| Contractors must submit this form along with a signed letter from the authorizing agency for public requests. | <p><b>Example #1:</b> This letter is to authorize (Contractor Name), of (Company Name), (Company Address), on-line access to the (Public/Civil Entity) COA documents and process.</p> <p><b>Example #2:</b> This letter is to authorize (Contractor Name), of (Company Name), (Company Address), on-line access to the (Public/Civil Entity) COA documents, process, and to serve as the primary point of contact in all COA matters.</p> |
|---|---|

### Section 3: Permissions

I am requesting the ability to draft, update, and commit COAs on behalf of the (Public/Civil Entity) listed above. I will be applying for the following COA type (select all that apply):  Civil  Public - non DOD  DOD

### Section 4: UAS Operation(s)

|   |  |
|---|--|
| <p><b>Area of Responsibility (AOR)</b><br/>Please indicate the county and state where the UAS will operate.</p> <p><b>Provide us with a reason why you are using a UAS.</b></p> <p><b>Example #1:</b> I will submit COA applications for the (Name of University) which is developing a UAS program to address law enforcement and emergency response applications.</p> <p><b>Example #2:</b> I am a UAS operator and the UAS Tier 1 Projects Officer for Marine Corps Systems Command and will be conducting flight demonstrations for VIP visitors. (SES and Flag officers). I will need to establish an account in order to create COA requests.</p> <p><b>Example #3:</b> I will submit COA applications for the (Name of University) which is developing a UAS program for the purpose of research and development. Initially research efforts will focus on agricultural applications but eventually will move into other areas of UAS technology development and applications.</p> <p><b>Example #4:</b> I just started working UAS Airspace issues for the Air Force Special Operations Command. I will need to establish an account in order to create COA requests.</p> | <p>Nationwide Agricultural Lands</p> <p>I will submit COA applications for COMPANY NAME when UAS Part 137 operations are within stated proximity to airports or helipads as defined by the Blanket COA issued with Exemption Number 20365.</p> |
|---|--|

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# Account Created

ATO will create an account and provide a login.

-This will require setting up and Authenticator with Google or Microsoft

# To Create a COA Request

- Must Set up a Drone within the Portal
- Know the coordinates of the operations
- Have Specific Portions of your Operations Manual Ready

# Adding Drone to the Account

## COA Application Processing System (version 2.2.8.5.f)

Home Civil COA ▾ COA Reports ▾ Log Out



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[Continue Saved Report for Civil COA](#)

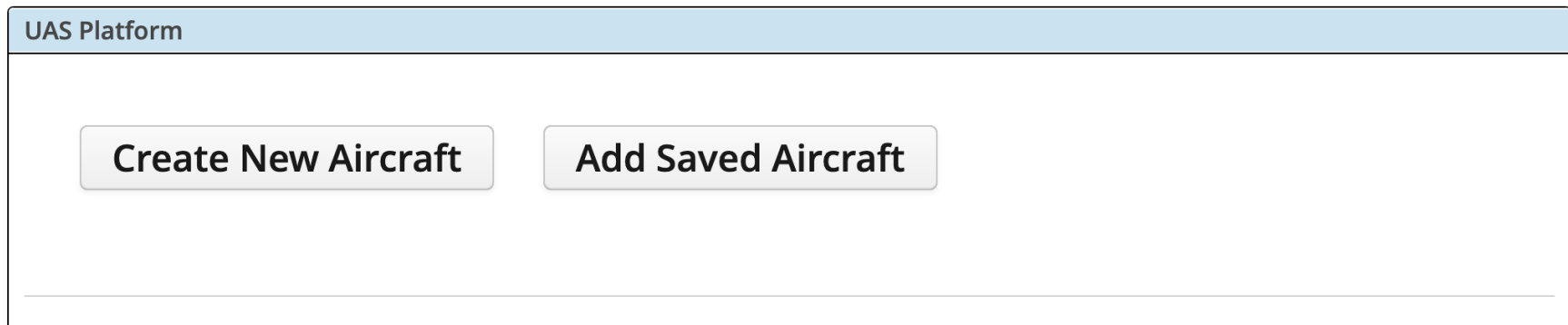
[View a Submitted Report for Civil COA](#)

[View Approved Civil COA from COA Online](#)

# Select UAS Platform

| Civil UAS COA Case   | Proponent Information   |
|--|---|
| Draft #: 321475<br>Case Status: DRAFT<br>Submitted: --/--<br>COA Number: TBD   | Submitted Date: <input type="text" value="9/25/24"/> 44807 Exemption #: <input type="text" value=""/> !                 |
| <ul style="list-style-type: none"><li>✖ Proponent Information</li><li>✓ UAS Platform</li><li>✖ Operational Information</li><li>✖ Observer</li><li>✖ Flight Operations Map</li><li>Review Documents</li><li>Preview COA</li></ul> | Select an existing Proponent: <input type="text"/> ▼  |
|  | or Create a new Proponent by filling out the form below.  |
|  | Company: <input type="text" value=""/> !  |
|  | Contact: <input type="text" value=""/> !  |
|  | Address: <input type="text" value=""/> !  |
|  | Address 2: <input type="text" value=""/>  |
|  | City: <input type="text" value=""/> ! State: <input type="text" value=""/> ▼ Postal Code: <input type="text" value=""/> |
|  | Telephone: <input type="text" value="xxx-xxx-xxxx"/> ! Email: <input type="text" value=""/>                             |

# Select “Create New Aircraft”



# Fill Out Details with your Registered Drone

Home Civil COA COA Reports Log Out

### Civil UAS COA Case

Draft #: 308615  
Case Status: APPROVED  
Submitted: 2024-06-19  
COA Number: 2024-CSA-15003-44807

### UAS Platform Description

Aircraft Type/Model\* : DJII/Agras T30  
Aircraft Registration\* : N787CS

#### Performance Characteristics

|                      |                        |                      |                   |
|----------------------|------------------------|----------------------|-------------------|
| Climb Rate (ft/min)* | Descent Rate (ft/min)* | Turn Rate (deg/min)* | Bank Angle (deg)* |
| 400                  | 400                    | 1,200                | 5                 |

#### Cruise Speed (KIAS)

|          |    |
|----------|----|
| Maximum* | 22 |
| Minimum* | 0  |

#### Operating Altitudes

|               |        |
|---------------|--------|
| Maximum: MSL* | 0      |
| Minimum: MSL* | 12,000 |

|                       |          |                         |          |
|-----------------------|----------|-------------------------|----------|
| Approach Speed (kts)* | 0        | Gross Takeoff Wt (lbs)* | 176.91   |
| Range (nm)*           | 1.5      | Endurance (HH:MM)*      | 00:14    |
| Launch Method*        | vertical | Recovery Method*        | vertical |

### Avionics/Equipment

Equipment Suffix Type\* : U

Transponder\* :  Yes  No

|   |   |                                   |   |
|---|---|-----------------------------------|---|
| GPS*                                    | <input checked="" type="radio"/> Yes <input type="radio"/> No | On*                               | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Moving Map Indicator (Command Station)* | <input checked="" type="radio"/> Yes <input type="radio"/> No | Off*                              | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Tracking Capability*                    | <input checked="" type="radio"/> Yes <input type="radio"/> No | Standby*                          | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| TCAS/MCAS (Collision Avoidance)*        | <input type="radio"/> Yes <input checked="" type="radio"/> No | Ident*                            | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| ELT*                                    | <input type="radio"/> Yes <input checked="" type="radio"/> No | Mode S*                           | <input type="radio"/> Yes <input checked="" type="radio"/> No |
|   |   | Mode C*                           | <input type="radio"/> Yes <input checked="" type="radio"/> No |
|   |   | Transponder Returnable In Flight* | <input type="radio"/> Yes <input checked="" type="radio"/> No |

# Airworthiness

### Civil UAS COA Case

Draft #: 308615  
Case Status: APPROVED  
Submitted: 2024-06-19  
COA Number: 2024-CSA-15003-44807

- Proponent Information
- UAS Platform
  - UAS Platform Description
  - Airworthiness**
    - Lost Link/Mission Procedures
    - Lost Communications Procedures
    - Emergency Procedures
    - Lights
    - Spectrum Analysis Approval
    - ATC Communications
    - Electronic Surveillance
    - Aircraft Performance Recording
  - Operational Information
  - Observer
  - Flight Operations Map
  - Review Documents
  - Preview COA

### Airworthiness

One response is required

#### FAA Type Certificate

UAS under FAA approved list for Agriculture

Attach FAA Certificate

Upload

| Filename      | File Type       | Mime Type  | View |
|---------------|-----------------|------------|------|
| IMG_1462.jpeg | Faa certificate | image/jpeg | View |

Delete Selected

OR

#### If No FAA Certificate (Public Aircraft Only)

Refer to FSIMS 8900.1 Volume 16 for Public Aircraft Airworthiness Guidance

Attach Certificate Documentation

# Lost Link/Mission Procedures

**Civil UAS COA Case**

Draft #: 308615  
 Case Status: APPROVED  
 Submitted: 2024-06-19  
 COA Number: 2024-CSA-15003-44807

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Proponent Information  
 UAS Platform  
 UAS Platform Description  
 Airworthiness  
 **Lost Link/Mission Procedures**  
 Lost Communications Procedures  
 Emergency Procedures  
 Lights  
 Spectrum Analysis Approval  
 ATC Communications  
 Electronic Surveillance  
 Aircraft Performance Recording  
 Operational Information  
 Observer  
 Flight Operations Map  
 Review Documents  
 Preview COA

**Lost Link/Mission Procedures**

Activation Time (seconds)

**Options**

Hover  
 Orbit  
 Turn around, directly come back to base  
 Turn around, return on previous flight path  
 Turn around, return on flight path  
 Turn around, fly to rally point at provided lat/lon

**Altitude**

Maintain Current Altitude  
 Climb  
**Climb amount (ft):**

**If Link re-established**

Continue  
 Return

🔗 Attach Lost Link Procedures

**Attached Files**

| <input type="checkbox"/> | Filename                                      | File Type           | Mime Type   |
|--------------------------|---|---------------------|---|
| <input type="checkbox"/> | Drone Crop Services Operations Lost Link.docx | Lost link procedure | application/vnd.openxmlformats-officedocument.wordprocessingml.document |

# Lost Communication Procedures

### Civil UAS COA Case

Draft #: 308615  
Case Status: APPROVED  
Submitted: 2024-06-19  
COA Number: 2024-CSA-15003-44807

- Proponent Information
- UAS Platform
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### Lost Communications Procedures

**Loss of Communications**

Between Observer and PIC using:

Between PIC and ATC using:

PIC will use:

**Loss of Visual Sight with UAV**

PIC will contact:  ATC  Observer

PIC will use:

[Attach Lost Communications Procedures](#)

**Attached Files**

| Filename          | File Type | Mime Type | View |
|-------------------|-----------|-----------|------|
| No files attached |           |           |      |

# Emergency Procedures

### Civil UAS COA Case

Draft #: 308615  
Case Status: APPROVED  
Submitted: 2024-06-19  
COA Number: 2024-CSA-15003-44807

### Emergency Procedures

[Attach Emergency Procedures](#)

Upload

Attached Files

| <input type="checkbox"/> | Filename     | File Type           | Mime Type  | View                 |
|--------------------------|--------------|---------------------|------------|----------------------|
| <input type="checkbox"/> | IMG_1598.jpg | Emergency procedure | image/jpeg | <a href="#">View</a> |

Delete Selected

- Proponent Information
- UAS Platform
  - UAS Platform Description
  - Airworthiness
  - Lost Link/Mission Procedures
  - Lost Communications Procedures
  - Emergency Procedures**
  - Lights
  - Spectrum Analysis Approval
  - ATC Communications
  - Electronic Surveillance
  - Aircraft Performance Recording
- Operational Information
- Observer
- Flight Operations Map
- Review Documents
- Preview COA

# Lights

| Civil UAS COA Case   | Lights   |
|--|--|
| <p>Draft #: 308615<br/>Case Status: APPROVED<br/>Submitted: 2024-06-19<br/>COA Number: 2024-CSA-15003-44807</p>  | <p style="text-align: center;">**Refer to 91.209 of FAR</p> <p>Landing* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Position/Navigation* <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Anti-collision* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Infrared (IR)* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> |
| <ul style="list-style-type: none"><li>✓ Proponent Information</li><li>▼ UAS Platform<ul style="list-style-type: none"><li>✕ UAS Platform Description</li><li>✓ Airworthiness</li><li>✓ Lost Link/Mission Procedures</li><li>✓ Lost Communications Procedures</li><li>✓ Emergency Procedures</li><li><b>Lights</b></li><li>Spectrum Analysis Approval</li><li>ATC Communications</li><li>Electronic Surveillance</li><li>Aircraft Performance Recording</li></ul></li><li>✓ Operational Information</li><li>✓ Observer</li><li>✓ Flight Operations Map</li><li>Review Documents</li><li>Preview COA</li></ul> |  |

# Spectrum Analysis Approval

| Civil UAS COA Case   | Spectrum Analysis Approval  |           |           |           |      |                   |  |  |  |
|--|---|-----------|-----------|-----------|------|-------------------|--|--|--|
| Draft #: 308615<br>Case Status: APPROVED<br>Submitted: 2024-06-19<br>COA Number: 2024-CSA-15003-44807  | NTIA/FCC Approval Required  |           |           |           |      |                   |  |  |  |
| <ul style="list-style-type: none"><li>Proponent Information</li><li>UAS Platform<ul style="list-style-type: none"><li>UAS Platform Description</li><li>Airworthiness</li><li>Lost Link/Mission Procedures</li><li>Lost Communications Procedures</li><li>Emergency Procedures</li><li>Lights</li><li><b>Spectrum Analysis Approval</b></li><li>ATC Communications</li><li>Electronic Surveillance</li><li>Aircraft Performance Recording</li></ul></li><li>Operational Information</li><li>Observer</li><li>Flight Operations Map</li><li>Review Documents</li><li>Preview COA</li></ul> | Data Link* <input checked="" type="radio"/> Yes <input type="radio"/> No<br>Control Link(s)* <input checked="" type="radio"/> Yes <input type="radio"/> No<br>Operations utilizing Radio Control (R/C) as described in Title 47 CFR 95* <input checked="" type="radio"/> Yes <input type="radio"/> No   |           |           |           |      |                   |  |  |  |
|  | NTIA/FCC Authorization (if Necessary)   |           |           |           |      |                   |  |  |  |
|  | <p><b>B I U x<sub>2</sub> x<sup>2</sup></b> [Icons] [Background] [Foreground] [Font] [Size]</p> <hr/> <p>Attach Spectrum Analysis</p> <p>Upload</p> <table border="1"><thead><tr><th>Filename</th><th>File Type</th><th>Mime Type</th><th>View</th></tr></thead><tbody><tr><td colspan="4">No files attached</td></tr></tbody></table> <p>Delete Selected</p> | Filename  | File Type | Mime Type | View | No files attached |  |  |  |
| Filename   | File Type   | Mime Type | View      |           |      |                   |  |  |  |
| No files attached  |   |           |           |           |      |                   |  |  |  |

# ATC Communications

| Civil UAS COA Case  | ATC Communications   |  |  |
|---|--|--|--|
| Draft #: 308615<br>Case Status: APPROVED<br>Submitted: 2024-06-19<br>COA Number: 2024-CSA-15003-44807 | <b>VHF</b>   |  |  |
|   | Transmitter*   | Receiver*  | Guard (Emergency Frequency)*                                     |
|   | <input type="radio"/> Yes<br><input checked="" type="radio"/> No | <input type="radio"/> Yes<br><input checked="" type="radio"/> No | <input type="radio"/> Yes<br><input checked="" type="radio"/> No |
|   | <b>UHF</b>   |  |  |
|   | Transmitter*   | Receiver*  | Guard (Emergency Frequency)*                                     |
|   | <input type="radio"/> Yes<br><input checked="" type="radio"/> No | <input type="radio"/> Yes<br><input checked="" type="radio"/> No | <input type="radio"/> Yes<br><input checked="" type="radio"/> No |

- ✓ Proponent Information
- ▼ UAS Platform
  - ✖ UAS Platform Description
  - ✓ Airworthiness
  - ✓ Lost Link/Mission Procedures
  - ✓ Lost Communications Procedures
  - ✓ Emergency Procedures
  - ✓ Lights
  - ✓ Spectrum Analysis Approval
  - ATC Communications
  - Electronic Surveillance
  - Aircraft Performance Recording
- ✓ Operational Information
- ✓ Observer
- ✓ Flight Operations Map

# Electronic Surveillance

| Civil UAS COA Case   | Electronic Surveillance   |
|--|---|
| Draft #: 308615<br>Case Status: APPROVED<br>Submitted: 2024-06-19<br>COA Number: 2024-CSA-15003-44807  | <b>Onboard Aircraft</b> <hr/> <p>EO/IR* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Terrain Detection* <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Weather/Icing Detection* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Onboard Radar* <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Electronic Detection Systems* <input checked="" type="radio"/> Yes <input type="radio"/> No</p><br><b>Ground Based</b> <hr/> <p>Radar Observation (ATC, etc.)* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> |
| <ul style="list-style-type: none"><li>✓ Proponent Information</li><li>✓ UAS Platform<ul style="list-style-type: none"><li>✗ UAS Platform Description</li><li>✓ Airworthiness</li><li>✓ Lost Link/Mission Procedures</li><li>✓ Lost Communications Procedures</li><li>✓ Emergency Procedures</li><li>✓ Lights</li><li>✓ Spectrum Analysis Approval</li><li>✓ ATC Communications</li><li><b>Electronic Surveillance</b></li><li>Aircraft Performance Recording</li></ul></li><li>✓ Operational Information</li></ul> |   |

# Aircraft Performance Recording

| Civil UAS COA Case  | Aircraft Performance Recording  |
|---|---|
| <p>Draft #: 308615<br/>Case Status: APPROVED<br/>Submitted: 2024-06-19<br/>COA Number: 2024-CSA-15003-44807</p>   |   |
| <ul style="list-style-type: none"><li>✓ Proponent Information</li><li>▼ ✓ UAS Platform<ul style="list-style-type: none"><li>✗ UAS Platform Description</li><li>✓ Airworthiness</li><li>✓ Lost Link/Mission Procedures</li></ul></li></ul> | <p>Flight Data Recording* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Control Station Recording* <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Voice Recording* <input type="radio"/> Yes <input checked="" type="radio"/> No</p> |

# Be sure and save your progress

- If you get logged out progress is lost

|        |          |                      |              |                      |
|--------|----------|----------------------|--------------|----------------------|
| Submit | Previous | <u>Save As Draft</u> | Cancel Draft | <u>Save and Next</u> |
|--------|----------|----------------------|--------------|----------------------|

# Filling COA Requestion – Proponent Info

| Civil UAS COA Case  | Proponent Information   |
|---|---|
| <p>Draft #: 321475<br/>Case Status: DRAFT<br/>Submitted: --/--/----<br/>COA Number: TBD</p>   | <p>Submitted Date <input type="text" value="9/25/24"/> 44807 Exemption # <input type="text" value=""/> !</p> <p>Select an existing Proponent <input type="text"/> ▾</p> <p>or Create a new Proponent by filling out the form below.</p> <hr/> <p>Company <input type="text"/> !</p> <p>Contact <input type="text"/> !</p> <p>Address <input type="text"/> !</p> <p>Address 2 <input type="text"/></p> <p>City <input type="text"/> ! State ! <input type="text" value=""/> ▾ Postal Code ! <input type="text"/></p> <p>Telephone <input type="text" value="xxx-xxx-xxxx"/> ! Email ! <input type="text"/></p> |
| <p>✕ Proponent Information</p> <p>✓ UAS Platform</p> <p>✕ Operational Information</p> <p>✕ Observer</p> <p>✕ Flight Operations Map</p> <p>Review Documents</p> <p>Preview COA</p> |   |

# Select Your Drone or add a New One

**Civil UAS COA Case**

Draft #: 321475  
Case Status: DRAFT  
Submitted: --/--/----  
COA Number: TBD

- ✕ Proponent Information
- ✓ UAS Platform
- ✕ Operational Information
- ✕ Observer
- ✕ Flight Operations Map
- Review Documents
- Preview COA

**UAS Platform**

[Create New Aircraft](#) [Add Saved Aircraft](#)

Aircrafts included in this COA

| Aircraft Type | Climb Rate | Turn Rate | Min Cruise Speed | Max Cruise Speed | Gross Takeoff Weight | Aircraft Registration |    |
|---------------|------------|-----------|------------------|------------------|----------------------|-----------------------|----|
| DJI/Agras T30 | 400        | 1,200     | 0                | 22               | 176.91               | N787CS                | Vi |

# Operation Information

| Civil UAS COA Case  | Operational Information  |
|---|--|
| <p>Draft #: 308615<br/>Case Status: APPROVED<br/>Submitted: 2024-06-19<br/>COA Number: 2024-CSA-15003-44807</p> | <p><b>Location</b></p> <p>Latitude<br/>44 ° 15 ' 1.2 " N</p> <p>Longitude<br/>90 ° 51 ' 19 " W</p> <p>Altitude<br/>100 AGL</p> <p>Time of Day<br/><input type="radio"/> Day <input type="radio"/> Night <input checked="" type="radio"/> Both</p> <p><b>Description of Operations:</b></p> <p>Part 137 Forestry Spraying operations in the managed forests around the airport property of BCK. It is noted that BCK is un-towered and has a nonprecision instrument approach. IAW our Blanket COA we need an ATO COA issued along any D-Notams for our operations area that fall within 3 NM of the airport.</p> <p>Please note and review, we have been issued an amended 44807 exemption 20365a(attached) with new Conditions and Limitations in regards to operations with multiple UA, no Visual Observer, and Night operations. Depending on location, our operation meets the required Conditions to operate with no visual observer and at night.</p> <p><b>Operations Area (Attach VFR Chart with Coordinates)*</b></p> <p><b>Class of Airspace</b></p> <p><input type="checkbox"/> A <input type="checkbox"/> B (Requires FAA HQ Approval) <input type="checkbox"/> Under Mode C Veil <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input checked="" type="checkbox"/> G <input type="checkbox"/> G (With an operational ATC Tower)</p> <p><b>Flight Conditions</b></p> <p><input checked="" type="radio"/> VFR <input type="radio"/> IFR</p> |

# Observer

| Civil UAS COA Case  | Observer   |
|---|--|
| <p>Draft #: 308615<br/>Case Status: APPROVED<br/>Submitted: 2024-06-19<br/>COA Number: 2024-CSA-15003-44807</p>   | <p><b>Line of Sight Observer</b></p> <p><input type="radio"/> Yes<br/><input checked="" type="radio"/> Other <input type="text"/></p> <p><b>Observer Location</b> <input type="text" value="Placed to observe airspace above operations area as needed."/></p> |
| <ul style="list-style-type: none"><li>✓ Proponent Information</li><li>✓ UAS Platform</li><li>✓ Operational Information</li><li><b>✓ Observer</b></li><li>✓ Flight Operations Map</li><li>Review Documents</li><li>Preview COA</li></ul> | <p><b>Transponder</b> <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="checkbox"/> Mode C</p>  |

# Flight Operations

**Civil UAS COA Case**

Draft #: 308615  
 Case Status: APPROVED  
 Submitted: 2024-06-19  
 COA Number: 2024-CSA-15003-44807

- ✓ Proponent Information
- ✓ UAS Platform
- ✓ Operational Information
- ✓ Observer
- ✓ Flight Operations Map
- Review Documents
- Preview COA

**Flight Operations Map**

Draw onto Map: None ▾ Base Layer ▾ Layers ▾ Collapse ▾

© OpenStreetMap contributors.

Add a New:  ▾ Location Format: D°M'S" ▾

| Operational ID | Type     | Latitude   | Longitude  | Radius | Points | Floor | Ceiling | M |
|----------------|----------|------------|------------|--------|--------|-------|---------|---|
| A1             | Waypoint | 44°15'11"N | 90°51'19"W | 3      |        | 0     | 100     | C |

# Review Documents

### Civil UAS COA Case

Draft #: 308615  
Case Status: APPROVED  
Submitted: 2024-06-19  
COA Number: 2024-CSA-15003-44807

- ✓ Proponent Information
- ✓ UAS Platform
- ✓ Operational Information
- ✓ Observer
- ✓ Flight Operations Map
- Review Documents**
- Preview COA

### Review Documents

[Review Documents](#)

Upload

Attached Files

| <input type="checkbox"/> | Filename   | File Type           | Mime Type                                   |
|--------------------------|--|---------------------|---|
| <input type="checkbox"/> | FAA-2023-0001_Drone Crop Services_Exemption No. 20365A.pdf               | Auxiliary document  | application/pdf                             |
| <input type="checkbox"/> | 2024-CSA-15003-44807 Remnant Tech Inc dba Drone Crop Services signed.pdf | Disseminate coa     | application/pdf                             |
| <input type="checkbox"/> | IMG_1598.jpg   | Emergency procedure | image/jpeg                                  |
| <input type="checkbox"/> | IMG_1462.jpeg  | Faa certificate     | image/jpeg                                  |
| <input type="checkbox"/> | Drone Crop Services Operations Lost Link.docx                            | Lost link procedure | application/vnd.openxmlformats-officedocmer |
| <input type="checkbox"/> | BCK 3NM ops-s.pdf  | Auxiliary document  | application/pdf                             |

Delete Selected

# Preview

| Civil UAS COA Case   | Preview COA  |                             |                   |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
|--|--|-----------------------------|-------------------|--|--|----------------------|------------------------|----------------------|-------------------|-----|-----|-------|---|---------------------|--|---------------------|--|----------|----|---------------|---|----------|---|---------------|--------|
| Draft #: 308615<br>Case Status: APPROVED<br>Submitted: 2024-06-19<br>COA Number: 2024-CSA-15003-44807  | <h3>Proponent Information</h3> <p>Submitted Date: 6/25/24 44807 Exemption #: 20365</p> <p>Company: Remnant Technology Inc d/b/a Drone Crop Services</p> <p>Contact: Joel Jones</p> <p>Address: 13478 Amber Ln</p> <p>Address 2:</p> <p>City: Farmington State: AR Postal Code: 72730</p> <p>Telephone: 9493787393 Email: joel@dronecropservices.com</p> <h3>UAS Platforms</h3> <h4>DJI/Agras T30</h4> <h4>UAS Platform Description</h4> <p>Aircraft Type/Model*: DJI/Agras T30 Aircraft Registration*: N787CS</p> <table border="1"><thead><tr><th colspan="4">Performance Characteristics</th></tr><tr><th>Climb Rate (ft/min)*</th><th>Descent Rate (ft/min)*</th><th>Turn Rate (deg/min)*</th><th>Bank Angle (deg)*</th></tr></thead><tbody><tr><td>400</td><td>400</td><td>1,200</td><td>5</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">Cruise Speed (KIAS)</th><th colspan="2">Operating Altitudes</th></tr></thead><tbody><tr><td>Maximum*</td><td>22</td><td>Maximum: MSL*</td><td>0</td></tr><tr><td>Minimum*</td><td>0</td><td>Minimum: MSL*</td><td>12,000</td></tr></tbody></table> | Performance Characteristics |                   |  |  | Climb Rate (ft/min)* | Descent Rate (ft/min)* | Turn Rate (deg/min)* | Bank Angle (deg)* | 400 | 400 | 1,200 | 5 | Cruise Speed (KIAS) |  | Operating Altitudes |  | Maximum* | 22 | Maximum: MSL* | 0 | Minimum* | 0 | Minimum: MSL* | 12,000 |
| Performance Characteristics  |  |                             |                   |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| Climb Rate (ft/min)*   | Descent Rate (ft/min)*   | Turn Rate (deg/min)*        | Bank Angle (deg)* |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| 400  | 400  | 1,200                       | 5                 |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| Cruise Speed (KIAS)  |  | Operating Altitudes         |                   |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| Maximum*   | 22   | Maximum: MSL*               | 0                 |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| Minimum*   | 0  | Minimum: MSL*               | 12,000            |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |
| <ul style="list-style-type: none"><li>Proponent Information</li><li>UAS Platform</li><li>Operational Information</li><li>Observer</li><li>Flight Operations Map</li></ul> Review Documents<br><b>Preview COA</b> |  |                             |                   |  |  |                      |                        |                      |                   |     |     |       |   |                     |  |                     |  |          |    |               |   |          |   |               |        |

# Submit

|        |          |               |              |               |
|--------|----------|---------------|--------------|---------------|
|        |          |               |              |               |
| Submit | Previous | Save As Draft | Cancel Draft | Save and Next |

# ATO Follow-up

- If all information is correct –
  - 7-14 Days you receive and Email with the approval
- If ATO has questions they may email or call you for more information.