

# **Interagency UAS Training Roles**

Replaces: Interagency UAS training roles: qualifications, requirements, and standards

The following three roles have been identified to ensure effective USFS/DOI Interagency (IA) UAS training:

- UAS Inspector
- UAS Instructor ("fully qualified" by IAT definition)
- UAS Flight Evaluator

All Inspectors, Instructors and Flight Evaluators will be identified on an Interagency/Contract UAS Master Instructor List.

## **UAS Inspector**

UAS Inspector Pilots are Interagency designated remote pilots who perform UAS final flight evaluations (check rides). Flight evaluations are required when a Remote Pilot completes the training for certain aircraft, payloads, or missions.

- Current aircraft, payloads, and missions requiring a final flight evaluation from a UAS Inspector Pilot:
  - All aircraft within the Interagency UAS Fleet
  - Aerial ignition payload
  - ELOS/BVLOS
  - Nonstandard operating procedures as required (NSOP)

## **Inspector Position Requirements**

- FAA Part 107 Remote Pilot certified.
- Current Interagency OAS-30U pilot card.
- Subject matter expert (SME) in UAS policy and operations.
- Previously qualified Interagency Instructor and UAS Evaluator. \* Meet IAT training and currency requirements.
- Follow the established Interagency processes for final flight evaluations.

\*Requirement may change per agency policy.

Request for Inspector designation:

USFS:

- Letter provided to the Branch Chief Pilot Standardization and FS UAS Program Manager by the Regional Aviation Officer, Regional Aviation Safety Manager or Regional UAS Specialist.

DOI:

- Inspectors other than OAS, will be nominated by the bureau NAM or NAM designee.

## Inspector Responsibilities

UAS Inspectors:

- Are responsible for overseeing and performing final flight evaluations.
- Provide documentation on standardized forms according to Interagency standards and procedures.
- Mentor, endorse, or recommend potential Flight Evaluators and Instructors.
- Collaborate with Interagency UAS management to develop and improve training content.

## UAS Instructor

An instructor's role is to provide consistent instruction of course material and ensure course objectives are met. UAS Instructors are fully qualified. They can create and manage classes in the IAT system. Instructors oversee unit and flight exercises during UAS trainings. **An instructor must be Fully Qualified in the IAT system and will be designated for each course offering.**

### Instructor Position Requirements:

- FAA Part 107 Remote Pilot certified.
- Current Interagency OAS-30U pilot card.
- UAS Instructors must complete the required [UAS IAT Agency/Contractor Lead Instructor checklist 2021 v.12](#).
- IAT “fully qualified” Instructor qualification (see Part 3 of the [Interagency Aviation Training Guide](#)).
- OAS-30U FS/DOI Remote Pilot Card for the designated make and model of UAS, payload or mission being instructed.
- The nominee has shown desire, potential and interest in the growth and positive development of the Interagency UAS Program.

Request for Instructor designation:

USFS:

- An instructor candidate must be nominated by the Regional Aviation Officer, Regional Aviation Safety Manager or Regional UAS Specialist.

DOI:

- A UAS Instructor must be nominated by the NAM or designee, or by an OAS Inspector with NAM approval.

## Instructor Responsibilities

UAS Instructors:

- Teach and or provide oversight of Interagency-approved UAS courses.
- Maintain IAT Instructor currency.
- Actively participate in Interagency UAS approved training.
- As needed, organize a training cadre of qualified UAS Evaluators or other SMEs as required, for classes they are leading.
- Schedule UAS Inspectors for check rides or training.
- Upon course completion, close courses in IAT and distribute certificates.

# UAS Flight Evaluator

UAS Flight Evaluators assist Instructors and Inspectors by teaching and/or conducting flight training, exercises to evaluate a trainee's progress. They are selected based on their skill, teaching ability and dedication to the Interagency UAS Program. Instruction conducted under the supervision of a Flight Evaluator is intended to develop knowledge, skill and abilities needed prior to a final flight evaluation.

**Final flight evaluations for Interagency UAS Remote Pilot carding can only be completed by an Interagency UAS Inspector or with the guidance and written approval of an Interagency UAS Inspector.**

## Evaluator Position Requirements

- FAA Part 107 Remote Pilot certified.
- Current Interagency OAS-30U pilot card.
- The nominee has shown desire, potential and interest in the growth and positive development of the IA UAS Program.

Request for evaluator designation:

USFS:

- A Flight Evaluator must be nominated the Regional Aviation Officer, Regional Aviation Safety Manager or Regional UAS Specialist.

DOI:

- Nominated by the NAM or designee.

## Evaluator Responsibilities

UAS Flight Evaluators:

- Are subject matter experts on Interagency policy and the aircraft they are qualified (carded) to fly.
- Assist with ground, classroom, and flight training, as required by an instructor. An Evaluator will teach and or provide oversight of Interagency approved UAS training content related to flight and flight control systems for Interagency aircraft, payloads, and missions.
- Serve as student mentors who provide guidance and feedback during Interagency approved flights or training exercises.
- Utilize approved and current curriculum.
- Ensure all evaluations and tests are recorded to Interagency standards.
- Recommend additional training or final flight evaluations.
- May conduct final flight evaluations **with a UAS Inspector's approval.**

**Interagency Contract UAS training roles:** qualifications, requirements, and standards.

## Defining Interagency Contract UAS Training Roles

The following three roles have been identified to ensure effective Interagency UAS training.

- UAS Interagency Inspector
- Qualified Contract UAS Lead Instructor
- UAS Contract Flight Evaluator

All Inspectors, Instructors and Flight Evaluators will be identified on an [Interagency/Contract UAS Master Instructor List](#).

## Interagency UAS Inspector

UAS Inspector Pilots are Interagency designated remote pilots who perform UAS final flight evaluations (check rides). Flight evaluations are required when a Remote Pilot completes the training for certain aircraft, payloads, or missions.

- Current aircraft, payloads, and missions requiring a final flight evaluation from a UAS Inspector Pilot:
  - All aircraft within the Interagency UAS Fleet
  - Aerial ignition payload
  - ELOS/BVLOS
  - Nonstandard operating procedures as required (NSOP)

## Interagency UAS Inspector Position Requirements

- FAA Part 107 Remote Pilot certified.
- Current Interagency OAS-30U pilot card.
- Subject matter expert (SME) in UAS policy and operations.
- Previously qualified Interagency Instructor and UAS Evaluator.
- Meet IAT training and currency requirements. Requirement may change per agency policy.
- Follow the established Interagency processes for final flight evaluations.

Request for Inspector designation:

USFS:

- Letter provided to the Branch Chief Pilot Standardization and FS UAS Program Manager by the Regional Aviation Officer, Regional Aviation Safety Manager or Regional UAS Specialist.

DOI:

- Inspectors other than OAS, will be nominated by the bureau NAM or NAM designee.

# Interagency UAS Inspector Responsibilities

UAS Inspectors:

- Are responsible for overseeing and performing final flight evaluations.
- Provide documentation on standardized forms according to Interagency standards and procedures.
- Mentor, endorse, or recommend potential Flight Evaluators and Instructors.
- Collaborate with Interagency UAS management to develop and improve training content.

## Interagency Contract UAS Instructor

A Contract UAS Instructor's role is to provide consistent instruction of course material and ensure course objectives are met. Contract UAS Instructors are IAT fully qualified, they are able to create and manage classes in the IAT system. Contract UAS Instructors oversee unit and flight exercises during UAS trainings. **A Contract UAS Instructor must be Fully Qualified in the IAT system and will be designated for each course offering. Contract UAS Instructors are held to the same IAT Instructor Training requirements as Interagency UAS Instructors. Contract UAS Instructors** are responsible for the Contract UAS Flight Evaluators that are assisting the class or when conducting flight training.

## Interagency Contract UAS Instructor Position Requirements

- FAA Part 107 Remote Pilot certified.
- UAS Instructors must complete the required [UAS IAT Agency/Contractor Lead Instructor checklist 2021 v.12](#).
- IAT “fully qualified” Instructor qualification (see Part 3 of the [Interagency Aviation Training Guide](#)).
- OAS-30U FS/DOI Remote Pilot Card for the designated make and model of UAS, payload or mission being instructed or obtain a Cooperator Letter of Approval issued by the Interagency UAS Program Leads.

Request procedures for Contract Instructor designation:

- Approval by USFS UAS Program manager or DOI OAS UAS Division Chief.

## Interagency Contract UAS Instructor Responsibilities

Contract UAS Instructors:

- Teach and or provide oversight of Interagency-approved UAS courses.
- Maintain IAT Instructor currency.
- Actively participate in Interagency UAS approved training.
- As needed, organize a training cadre of qualified UAS Evaluators or other SMEs as required, for classes they are leading.
- Schedule UAS Inspectors for flight evaluations or training.
- Upon course completion, close courses in IAT.

# Contract UAS Flight Evaluator

UAS Contract Flight Evaluators assist Instructors and Inspectors by teaching and/or conducting flight training, exercises to evaluate a trainee's progress. They are selected based on their skill, teaching ability and dedication to the Interagency UAS Program. Instruction conducted under the supervision of a Contract UAS Flight Evaluator is intended to develop knowledge, skill and abilities needed prior to a final flight evaluation.

**Final flight evaluations for Interagency UAS Remote Pilot carding can only be completed by an Interagency UAS Inspector or with the guidance and written approval of an Interagency UAS Inspector.**

## Contract Flight Evaluator Position Requirements

- FAA Part 107 Remote Pilot certified.
- Current Interagency OAS-30U pilot card or a Cooperator Letter of Approval issued by the Interagency UAS Program Lead.

Request procedures for Contract Flight Evaluator designation:

- Approval by USFS UAS Program manager or DOI OAS UAS Division Chief.

## Contract UAS Flight Evaluator Responsibilities

Contract UAS Flight Evaluators:

- Are subject matter experts on Interagency policy and the aircraft they are qualified to fly.
- Assist with ground, classroom, and flight training, as required by a Contract Instructor. A Contract Flight Evaluator will teach and or provide oversight of Interagency approved UAS training content related to flight and flight control systems for Interagency aircraft, payloads, and missions.
- Serve as student mentors who provide guidance and feedback during Interagency approved flights or training exercises.
- Utilize approved and current curriculum.
- Ensure all evaluations and tests are recorded to Interagency standards.
- Recommend additional training or final flight evaluations.
- May conduct final flight evaluations **with a UAS Inspector's approval.**