



# Drone/UAS Operator Certification Program

FAA has enacted a new Small UAS Rule (Part 107). Are you planning to rollout Drones/UAS for your adjuster/inspector teams? Vale Training Solutions can help.

## Vale Drone/UAS Operator Certification

Vale Training Solutions provides specialized training for insurance property inspectors by providing flight instruction on how to safely manage your compliance and safety while operating in and around the structures/obstructions that are inherent to inspection sites. An unmanned aircraft system (UAS), sometimes called a drone, is an aircraft without a human pilot on board and is controlled from an operator on the ground.

## About the Training Program

Vale offers complete training on best practices and safe use of UAS while flying UAs for obtaining imagery of roofs and buildings. This training includes:

1. Review of detailed best practices when flying UAS
2. FAA safety rules in accordance with the new small UAS rule (part 107)
3. Training using Drone Complier software to ensure that the operator is flying in an authorized area
4. Flight support training and certification standards
5. Safety compliance
6. Technology and data management
7. Review and training of the proper pre-flight inspection process

## Who Needs Training?

All persons who will be flying UAS for aerial inspections of roofs or buildings, including adjusters, engineers, field underwriters, and public adjusters.

## Why is Training Necessary?

The insurance and engineering industry have an immense need for data and visual imagery that UAS provide. Using UAS reduces the risk of fall-related injury to the site inspectors and improves the efficiency of their inspection. By obtaining the Vale "UAS Operator Certification" for your inspection teams, you will know that your UAS operators are familiar with the UAS hardware and have hands on flight training. This is particularly important since they will be working around buildings and structures. With this training you can rest assured they are fully trained in the safe flight operations, pre-flight check procedures, and able to confirm that they are not operating in a restricted FAA flight zone.

## Benefits of the Training Program

Train your adjustors and inspectors in order to have consistent, fully informed and legally compliant operations. Drone Complier software is provided with the training program and assures (via GPS technology) that the operator is not in a restricted zone.

It is your responsibility to ensure your team understands and abides by the new rules (Rule 107 is 152 pages). The NEW Small UAS Rule (Part 107), including all pilot and operating rules, will be effective on August 29, 2016. This rule provides significant changes to FAA regulations, allowing the use of small unmanned aircraft (weighing less than 55 pounds).

For a complete copy of Part 107 please go to: [www.faa.gov/uas](http://www.faa.gov/uas)

Flight training and pre-flight training reduces the risk of injury to your operators and those around them. Drone Complier will allow you to house all of the gathered video data in a single secured warehouse in the cloud.

## How to obtain the Vale UAS Operator Certification

Vale is currently offering four-day training classes. Students who successfully complete the class will obtain the Vale UAS Operator Certification. Students do not have to hold a remote pilot airman certificate with a small UAS rating to attend class. They can fly under the supervision of the Vale instructors. It is recommended that students who attend have at least 4-5 hours of flight time on a UAS flight simulator or have flown UAS for 4-5 hours.



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## Background of the New FAA Small UAS Rule (Part 107)

Part 107 of this new rule:

- Establishes a remote pilot in command position.
- A person operating a small UAS must either hold a remote pilot airman certificate with a small UAS rating or be under the direct supervision of a person who does hold a remote pilot certificate (remote pilot in command).
- To qualify for a remote pilot certificate, a person must:
  1. Demonstrate aeronautical knowledge by either:
    - Passing an initial aeronautical knowledge test at an FAA-approved knowledge testing center; or
    - Hold a part 61 pilot certificate other than student pilot, complete a flight review within the previous 24 months, and complete a small UAS online training course provided by the FAA.
  2. Be vetted by the Transportation Security Administration.
  3. Be at least 16 years old.

- Visual line-of-sight (VLOS) only; the unmanned aircraft must remain within VLOS of the remote pilot in command and the person manipulating the flight controls of the small UAS. Alternatively, the unmanned aircraft must remain within VLOS of the visual observer.
- Operations in Class B, C, D, and E airspace are allowed with the required ATC permission.
- Requires pre-flight inspection by the remote pilot in command.

These are only a few among the list of requirements in the 157 pages of FAA new small UAS Rule (Part 107).

### When is the Service Available?

The first classes are scheduled to be held at the Arlington, TX campus starting on September 12, 2016. Interested persons should register online at [valetrainingsolutions.com](http://valetrainingsolutions.com) or call Vale Training Solutions at 1-800-233-7095.

### About Vale Training Solutions

More than 60 years of experience in training professionals in insurance, auto repair, construction, estimating, and claims handling at every stage of their career.



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