

SACAA/1553ATO



**BEYOND VISUAL  
LINE OF SIGHT  
(BVLOS) COURSE  
2024**



## BVLOS ADMISSION REQUIREMENTS 2024



### Beyond Visual Line of Sight (BVLOS)

A BVLOS operation is one in which the remote pilot cannot maintain direct unaided visual contact with the remotely piloted aircraft to manage its flight and to meet separation and collision avoidance responsibilities visually.

Dear Student,

Thank you for choosing Ntsu Drone Academy to do your BVLOS course.

#### **Admin requirements:**

The following documents are required from each student:

- ❖ Completed Student Information Form (Sent via email before the start of training)
- ❖ Copy of RPC which the correct endorsement on the license.
- ❖ Copy of medical certificate.
- ❖ Access to a laptop capable of running simulation software (Mission Planner).

## Bvlos Course Delivery

Learning Style: Virtual/Classroom and Practical  
Duration: 5 days (3 theory and 2 practical)

## 2024 BVLOS SCHEDULE

22 January - 26 January

19 February - 23 February

11 March - 15 March

15 April - 19 April

20 May - 24 May

24 June - 28 June

22 July - 26 July

19 August - 23 August

16 September - 20 September

14 October - 18 October

18 November - 22 November

## Bvlos Theory Training

Day 1 – 3 will consist of the following ground school:

- RPAS Air Law Part 101
- Meteorology
- Factors affecting aircraft and performance
- Wireless links
- Human Factors
- Radiotelephony
- Threat and Error Management (TEM)
- Ground and airborne collision Avoidance
- Control of the RPA(A)
- Navigation Procedures

Bvlos theory training can be delivered in the following two ways depending on your preference,

- Online training using Zoom.
- In person training.

Once the theory is completed, a theory exam needs to be written and passed with a minimum of 75%. Once the exam has been passed, we will begin the Practical training.



## Practical Training

BVLOS Practical Training Information (Day 3 – 4).The following will be covered during Day 3 and 4 of the Bvlos course,

- Mission loading and verification
- Monitoring RPS for
  - C2 link quality/degradation
  - Power reserves
  - RPA status monitoring
- Normal and cross-wind take-offs and landings
- Maximum performance (Short field and obstacle clearance take-offs, short-field landings)
- Abnormal and Emergency Procedures:
  - Loss of orientation
  - Recovery from flight at
  - Recovery from unusual attitudes using
  - Flight instrumentation
  - Abnormal and emergency procedures; and
  - Maneuvers.

## Bvlos skills test:

For a Pilot to be assigned to BVLOS rating he/she should have completed the following:

- Pass the BVLOS theoretical exam with a pass mark of at least 75%;
- Pass the Bvlos skills test with an Approved SACAA examiner in order to be assigned as PIC in BVLOS operations;





Official reseller



## CONTACT US:

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