VOLATUS AEROSPACE

INTRODUCTION

Volatus is a member of the Transport Canada BVLOS knowledge working group and works closely in a subject matter expert, advisory role in supporting the development of BVLOS Ground School standards to safely integrate BVLOS drone operations into Canadian airspace. Transport Canada has established various standing committees from industry to assist in developing the regulations for BVLOS training of pilots. Volatus proudly sits on two.

To this end, Volatus has created a preparatory BVLOS Pilot Training course to follow and build upon our Transport Canada approved training products for Basic & Advanced RPAS pilot training in Canada and training for the FAA Remote Pilot Certificate in accordance with FAA's Small UAS Rule (Part 107).

We provide all levels of pilot flight school to assist pilots in acquiring the necessary knowledge and hands-on training. There are over a hundred organizations claiming capability as RPAS pilot training centres. However, less than fourteen organizations have had their curriculum and methods audited and approved by Transport Canada. Volatus has had this level of audit completed.

There are over sixty-three thousand RPAS pilots certified by Transport Canada – almost six thousand are certified as ADVANCED operators. In addition, Volatus has specifically trained over 20% of the total ADVANCED pilots in Canada.

FUTURE PROOFING BVLOS FLIGHT OPERATIONS

Presently, Transport Canada continue to approve SFOC applications for routine, low risk BVLOS operations that are accompanied by high quality SORA documentation. Our BVLOS Preparatory Training focuses on providing knowledge and strategies combined with industry best practices for procedures and processes and current regulatory information required to conduct safe and compliant BVLOS operations across Canada.

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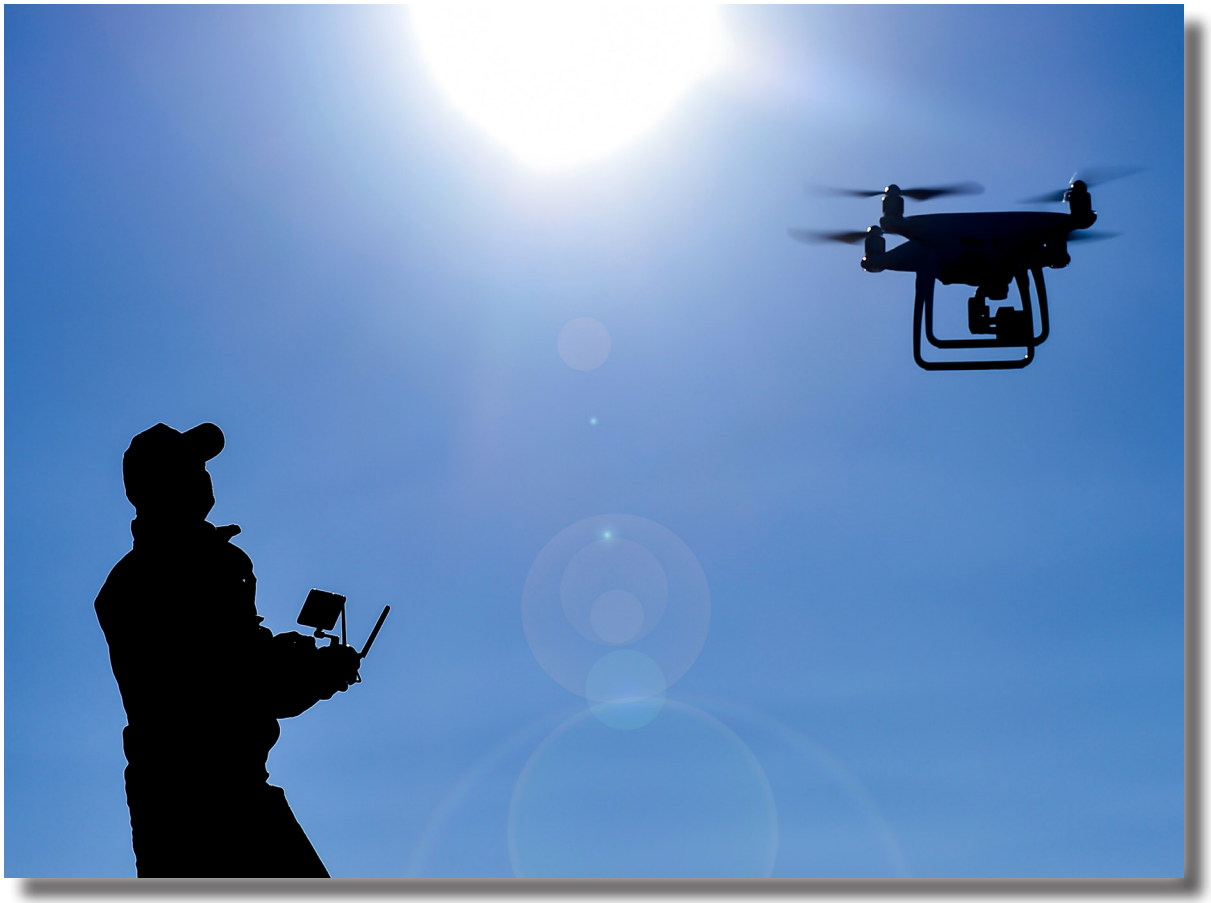
STUDENT ELIGIBILITY

For BVLOS training you are required to hold the RPAS Advanced Pilot certificate. Additionally, we recommend you have a minimum of 100 hours of advanced RPAS piloting experience in various challenging conditions, hold a ROC-A license, and can demonstrate a good knowledge and understanding of flight planning, general aviation and crew management.



ADVANCED | EXPERIENCED | ROC-A

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HANDS-ON TRAINING FOR ALL UAV PLATFORMS

We believe it is vital that BVLOS training be comprehensive and hands-on, allowing the student to experience operating both multi-rotor and fixed-wing aircraft while applying their knowledge to the safety and regulatory planning processes. Competent team management and communication are vital for BVLOS operations.

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BECOME A LEADER IN CANADA BVLOS OPERATIONS

TRAINING DETAILS

STEP #1 (Full Day)

Part 1
The Transport Canada Roadmap to BVLOS Operations

Part 2
BVLOS Equipment and Systems, Operational Limitations, Detect & Avoid

STEP #2 (Full Day)

Part 3
Maintenance Manuals, Logbooks & Standard Operating Procedures

Part 4
SORA and SFOC Processes, Meteorology & Comms, Flight Planning

STEP #3 (Full Day)

Part 5
In-field BVLOS (EVLOS) Practical Operations & Procedures

Part 6
Debrief & Review, Certificate of Completion

The practical training provides in-field experience at pre-determined locations. Students will plan and conduct a complete BVLOS mission from start to finish while under the supervision of a skilled instructor (and with dual control systems and extended visual line of sight for maximum safety and risk mitigation). Our mobile field units contain all the necessary RPAS and safety/emergency equipment for BVLOS/EVLOS. In addition, the student can experience conducting simulated live BVLOS operations with a wide range of RPAS types.

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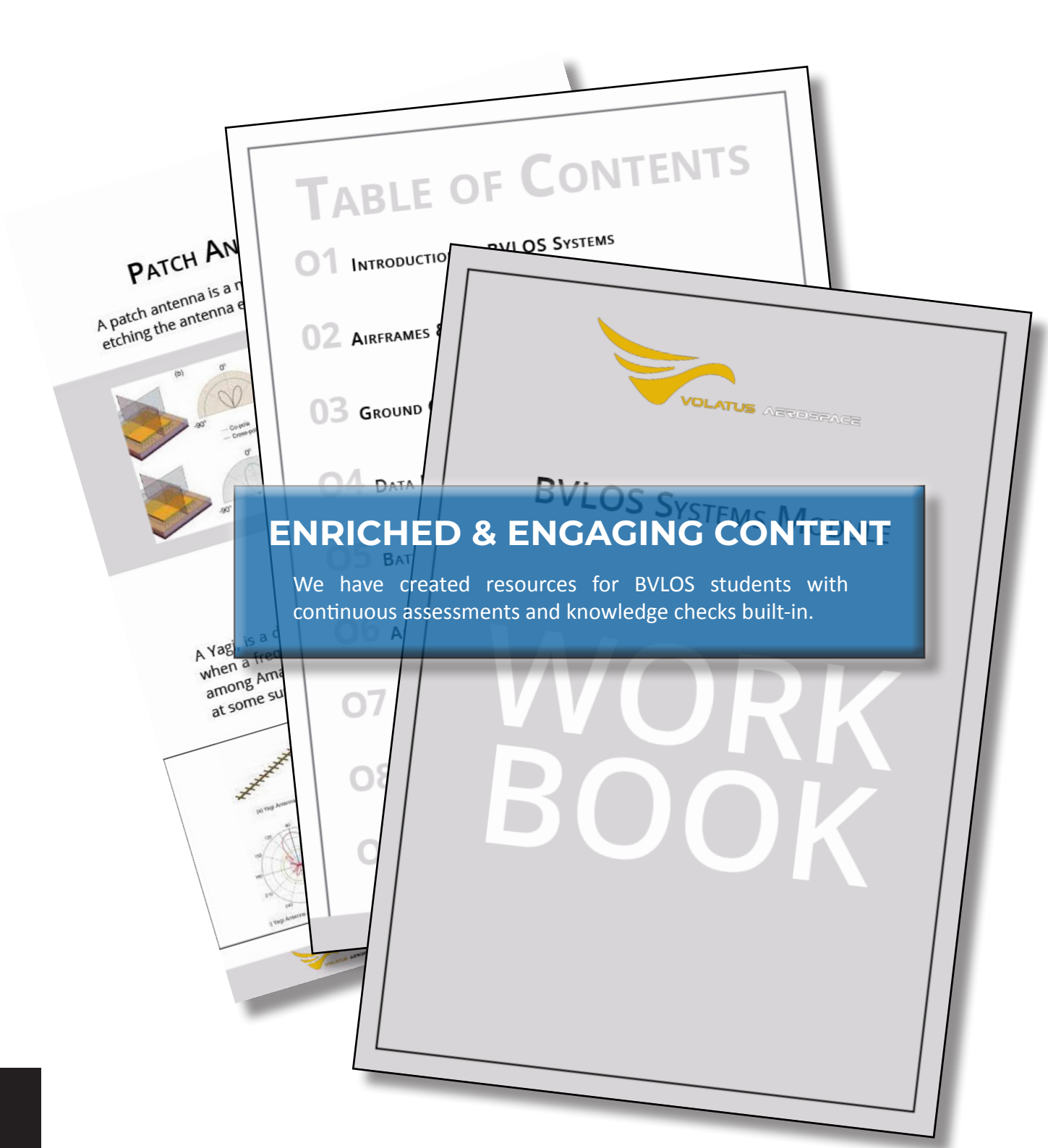

WORKBOOKS

Each Module of the BVLOS Pilot Training Course will have a student workbook. These workbooks allow students to take notes during lectures, check their understanding of the material, and reference material for later when working in the field.

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PRESENTATIONS

Each Module of the BVLOS Pilot Training Course has a presentation with teaching aids for hands-on, in-class learning. In addition, the presentations come with teacher notes and resources that have been carefully collated.

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