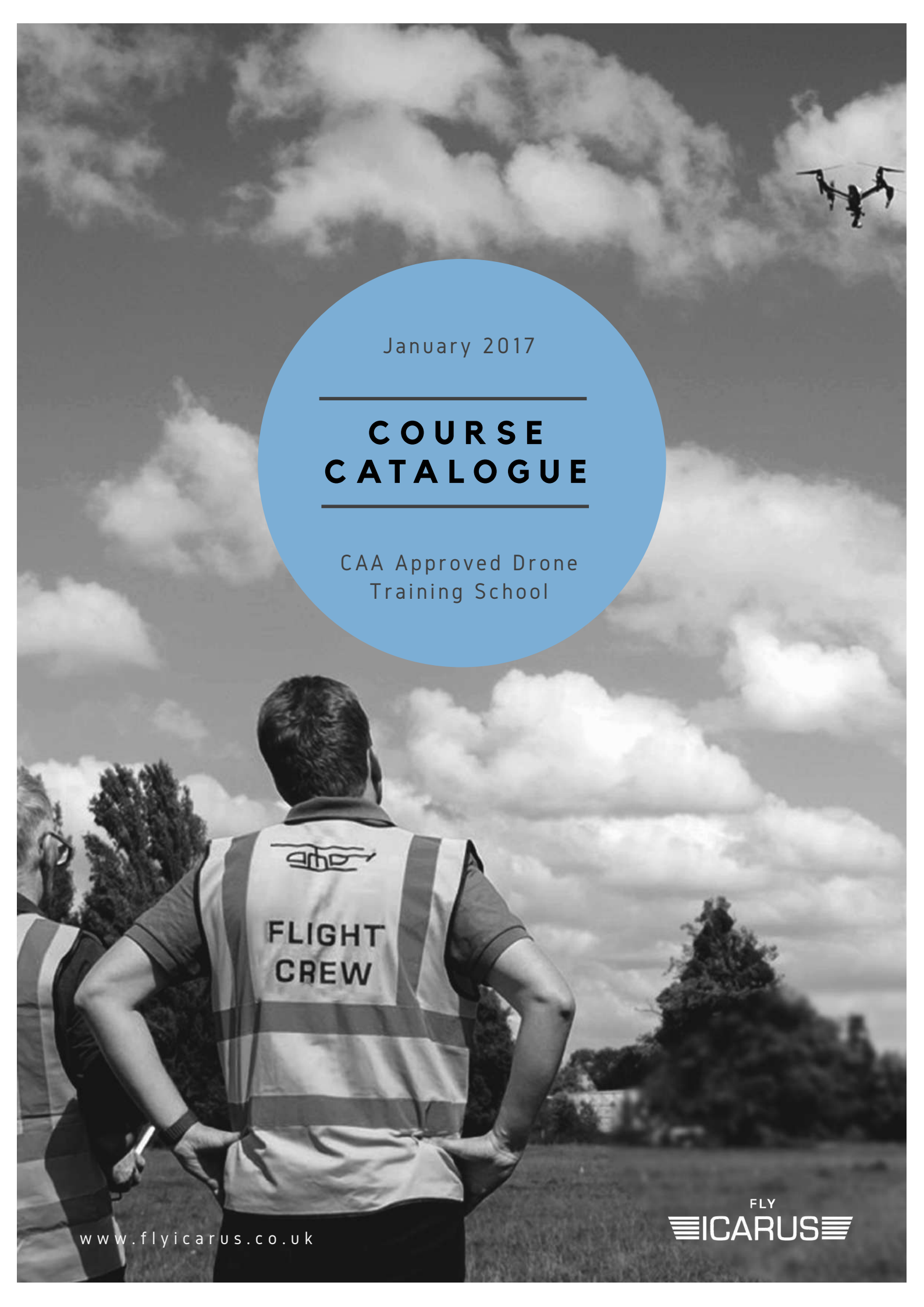


A black and white photograph of two people from behind, wearing high-visibility flight vests. The vest in the foreground has 'FLIGHT CREW' printed on it. They are standing in a field, looking up at a drone flying in a cloudy sky. A large blue circle is overlaid on the center of the image, containing text.

January 2017

COURSE CATALOGUE

CAA Approved Drone
Training School

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ABOUT US

We are headed up by Matt Williams, a former Military Helicopter Instructor with thousands of manned and unmanned flying hours, the rest of the team have been flying drones for years, clocking up thousands of unmanned flying hours and becoming some of the best operators in the world.

Our unique blend of experience and skill have allowed us to create the most trusted and well regarded drone training course in the UK.

Our team are dedicated to the evolution of the unmanned aviation industry through safety-centered education.



Matt Williams
Managing & Course Director



Gail Restrict
Operations Director; Training



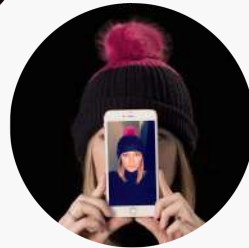
Callum Bannister
Operations Director



Adam Georgiou
Productions Manager



Tom Pattison
Deputy Chief Instructor



Lauren Baker
Operations Manager



Ella Shepard
Receptionist

We're committed to developing you into more than just a safe operator by guiding you through this niche industry's best practices to becoming a respected operator and a successful business too. Our range of additional courses, from night approval to photography, can ensure you stay ahead of the competition by continually developing your skill set and business expertise.

We pride ourselves on giving the best experience and service, and consciously keep classes small so we can get to know each of our students and their needs and ambitions as best as possible. When you attend our course, you become part of the family.

WHY CHOOSE FLY ICARUS?

We will guide you through every step to your Permission for Commercial Operation (PfCO).

All training compiled by former Military Pilots and delivered by experienced operators.

Matt Williams, Managing Director



WHY DO I NEED A PERMISSION FOR COMMERCIAL OPERATION?

If you plan to fly your drone for commercial gain, you will require a Permission for Commercial Operation (PfCO) from the UK Civil Aviation Authority.

The PfCO is evidence that you have insurance, flight safety and competence flying for commercial gain without a PfCO is illegal and dealt with by the Police.

This applies to everyone, across all industries and every aircraft ie:

*A **Photographer** wishing to take aerial landscape and wedding photos with a DJI Phantom 4, to sell as prints.*

*A **Surveyor** wishing to inspect high structures for damage with an AscTec Falcon 8, as part of their report.*

*An **Estate Agent** wishing to take aerial property photos with a 3DR Solo, to use in marketing.*

*An **Emergency Service** wishing to use a DJI Inspire 1 with thermal imaging, for surveillance or fire monitoring*

It sounds pretty scary, but we promise it isn't!

It's now even easier to gain your PfCO by attending one of our renowned ICARUS courses across the UK. You'll be taught all you need to know and more, by our expert Instructors. Our ICARUS course was developed by a former Military Helicopter Pilot and is the only syllabus to include extra crucial information on the UK military Low Flying System, and LiPo battery safety. We are also one of very few courses where you can complete the theory and practical elements from the same convenient location.

THE ROUTE TO PFCO (FORMERLY PFAW)



As of 25 August 2016, the Civil Aviation Authority (CAA) has renamed the Permission for Aerial Work (PFAW) to Permission for Commercial Operation (PFCO). When searching for operators or courses related to commercial permissions and PFAW, please search for the new name (PFCO).

Current PFAW holders are only affected when it comes to renewing their permissions, in which case any references to PFAW should be replaced with PFCO. There is no need to resit or resubmit paperwork immediately.

COURSE OVERVIEW

Our Training School teaches three main courses; ICARUS Standard, ICARUS Pro and Night Approval.

We also offer a Top Up Course, which acts as a Fast Track for licensed pilots.



What is the Course?

The aim of the ICARUS STANDARD is to enable UAV Pilots and staff associated with UAV flight operations to achieve the level required to operate these aircrafts safely and in the regulatory and operational environments that they are most likely to encounter.

PHASE 1 of the ICARUS course is two days of Ground School Training and consists of CAA Approved Sub 20Kg Commercial SUAS Theory Course followed by the Theory Exam. All course materials are provided.

PHASE 2 refers to the Operations Manual, which we will guide you to write yourselves. Or you may source this externally (We offer this service through another company called Open Sky Consulting OSC).

PHASE 3 Is the Operational Evaluation Flight Test. It is the mutually convenient day, to be arranged, to complete the practical assessment.

BOOK NOW

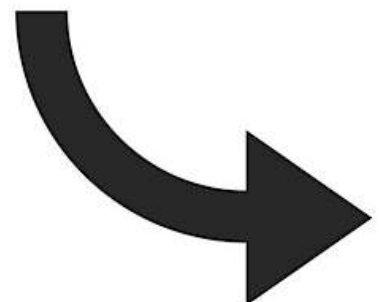
ICARUS STANDARD

THE PROCESS

PHASE 1 - SYLLABUS & THEORY EXAM (GROUND SCHOOL)

PHASE 2 - OPERATIONS MANUAL SUBMISSION & REVIEW

PHASE 3 - OPERATION EVALUATION & FLIGHT ASSESSMENT



COURSE OVERVIEW

9am ☐ ☐ 5pm

DAY 1	Intro & Air Law	Principles of flight	Meteorology	Airspace & Operating Principles	Ops Manual, Risk Assessment & LiPo Batteries
DAY 2	Human Factors	Operator responsibilities and Airmanship	Navigation	Flight Planning	UKLFS & Theory Exam
DAY 3 (ICARUS Pro Only)	Night Permissions Theory Course	Night Permissions Theory Course	OE Demo/ Ops Manual Workshop	SRG1320 Workshop	Small Practice Quadcopter & ICARUS Pro Enrolment



SYLLABUS AND THEORY EXAM

PHASE 1

Above is an outline of the ICARUS Theory Course syllabus; it shows the lessons you will undertake in order to learn the required information to be a competent and a safe Commercial Operator.

The theory course culminates with a multiple choice examination of 50 questions.

The pass mark for the exam is 80% - but do not be phased by this!

We will ensure that you have the required knowledge to pass the exam by the time you come to sit it.



OPERATIONS MANUAL SUBMISSION & REVIEW

PHASE 2



The second phase of the ICARUS Course is the completion of your Operations Manual - a legal requirement by the CAA. Basically it is one big risk assessment.

There are many horror stories out there when it comes to writing Operations Manuals but fear not, we are here to help you every step of the way. We will expose you to the CAA Operations Manual Template which is a good place to start. A copy of our Operations Manual will be on view during the ICARUS Course, to show an example of the level at which to pitch your Manual.

Remember, your Operations Manual is there to help you and should only contain information which is relevant to YOUR operations.

Key Points

You will receive a job request.
Plan it as if it were real.
Fully brief the examiner.
Fly your aircraft in GPS & ATTI.
Be prepared for 'emergencies'.



OPERATIONAL EVALUATION & FLIGHT ASSESSMENT

PHASE 3

The final phase of the ICARUS course will take the form of a client request for aerial work on a mutually convenient date.

We will send you a request, similar to one you would receive from a client.

It will then be over to you to use all of the tools and techniques you learned on the theory course. You will need to plan, execute and de-brief the task safely whilst remaining within the rules and regulations laid down by the CAA.

During the Operational Evaluation, you should expect a couple of emergencies to be given to you at some point by the examiner and you will need to demonstrate that you are reasonably comfortable flying your aircraft in 'ATTI' mode.

Finally, upon successful completion of your Operational Evaluation, your ICARUS Examiner will complete the required paperwork to recommend the issue of a PfCO to you by the CAA!



TESTIMONIAL

My three days with the Fly ICARUS team were educational and highly enjoyable. They were professional, knowledgeable and passionate about the industry in which they operate, and were keen to pass on all the information they could to us (beyond the minimum requirement set by the CAA). Learning is so much more effective, and fun, when it is done in the correct environment, with the correct atmosphere, and Fly ICARUS has it spot-on.

- Adam Blackmore-Heal , based in Surrey.



SUMMARY

ICARUS FULL COURSE
THEORY & PRACTICAL

INCLUDED

2 DAY ICARUS Theory Ground School Course.
Theory Examination.
ICARUS Operational Evaluation (Practical Exam).
Recommendation to CAA for issue of a PfCO.
Lunches & refreshments during Ground School.
One free theory examination re-sit if required.

NOT INCLUDED

Insurance
Safety Accessories
Fee to CAA

What is the Course?

For pilots wanting to earn their PfcO quickly and efficiently, the new ICARUS PRO course centres around pilots becoming aerial operation experts. Based on the layout of the ICARUS Standard Course, the ICARUS PRO PHASE 1 (Refer to page 6) has an additional Ground School day. The Ground School Training includes Night Permissions, Operations Manual Workshop, Operational Evaluation Demonstration and Small Training Drone.

The instructors will guide each pilot through their SRG1320 form and candidates will receive ICARUS PRO Merchandise, ID Card and the opportunity to be featured on the ICARUS PRO website. Featuring profiles of each professional pilot, the website will be used exclusively as a sharing platform. This online community is designed to encourage discussion, job sharing and flight safety.

PHASE 2 is included in the course As there is an Operations Manual Workshop.

As at the end of the third Ground School Day, each candidate will leave with a completed Operations Manual.

PHASE 3 remains the same as the ICARUS STANDARD and Is the Operational Evaluation Flight Test. It is the mutually convenient day, to be arranged, to complete the practical assessment.

BOOK NOW

ICARUS PRO


STANDARD


PRO

ICARUS THEORY COURSE



ICARUS THEORY EXAM



OPERATIONAL EVALUATION & FLIGHT ASSESSMENT



OPERATIONS MANUAL WORKSHOP



NIGHT APPROVAL COURSE



OPERATIONAL EVALUATION DEMONSTRATION



SRG1320 COMPLETION WORKSHOP



SMALL PRACTICE QUADCOPTOR (HUBSAN X4)



PROFILE ON ICARUS PRO WEBSITE



ICARUS PRO MERCHANDISE



ICARUS PRO FRAMED CERTIFICATE



ICARUS PRO PILOT ID CARD





TESTIMONIAL

From the very beginning of my enquiry, through emails and phone calls, the team at Fly ICARUS were incredibly friendly, helpful and professional. I thoroughly enjoyed my time on the ICARUS Pro Course and I was genuinely inspired by the training Delivered. Since completion I now know that I have full confidence to put all that I have learnt into safe practice.

- Jeff Young, based in Walthamstow, London



SUMMARY

ICARUS FULL COURSE
THEORY & PRACTICAL

INCLUDED

3 DAY ICARUS Theory Ground School Course.
Theory Examination.
Night Permissions.
Operations Manual (Workshop)
Merchandise and Pilot ID Card & Hubsan x4.
Operational Evaluation Demonstration.
ICARUS Operational Evaluation (Practical Exam).
Recommendation to CAA for issue of a PfCO.
Lunches & refreshments during Ground School.
One free theory examination re-sit if required.

NOT INCLUDED

Insurance
Safety Accessories
Fee to CAA



What is the Night Approval Course?

Fly ICARUS is proud to host a Night Approval course in the UK.

As the beauty of city lights grow when it gets dark, so do the risks. The CAA classifies 'night' as 30 minutes after sunset and 30 minutes before sunrise.

Fly ICARUS delivers specialist training for operators who wish to fly their drone at night for commercial projects.

Delivered by former Military Helicopter Pilots with over 3000 manned flying hours and 500 UAV flying hours, the course scrutinises safety to ensure minimal risk in limited or no light.

SYLLABUS

NIGHT APPROVAL

- Air law
- Human factors - including crew fatigue, location, conditions and even how eye anatomy affects operation.
- Operational processes to follow and special precautions to take to ensure safe and legal operation.
- Setting up the drone for flying correctly at night.
- Testing on a very realistic simulator, to save you waiting around for sunset.

BOOK NOW

TESTIMONIAL

Fly ICARUS are a very professional and approachable organisation. The pace was spot on with all questions welcomed and answered in a comfortable environment. The course content covered a comprehensive range of material to really make aware of the additional requirements of operating at night. The use of the flight simulator was also a very helpful tool to get a "hands-on" experience of the differences of flying drones in night conditions. I would certainly recommend it to any professional drone pilot eager to further their learning and operating capability.

- Arrun Saunders , based in Hampshire

PRICE LIST

We are proud to offer the best value for training anywhere in the UK.

We have the capabilities to offer bespoke course purpose designed for you. For further details please visit our website at www.flyicarus.co.uk or call our office at 0845 450 9300.



ICARUS Standard	999
ICARUS Pro	1699
Night Approval	499
Top Up Course (Fast track for licensed pilots)	699
Upgrade to Pro (ICARUS Standard pilot)	799
Pre-Flight Training (For Beginners)	240
Flight Training (Intermediate Practice & Tips)	240

FLY ICARUS
All prices include VAT.



CONTACT DETAILS



0845 450 9300/01491 526 700



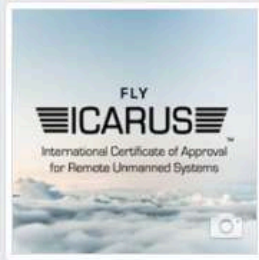
info@flyicarus.co.uk



Fly ICARUS (Aerial Motion Pictures), Stables 3, Howbery Park, Wallingford, OX10 8BA



SOCIAL MEDIA



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Fly Icarus

Published by Ella Shepard [?] · 19 January ·

Welcome to Aerial Motion Pictures home of CAA School Fly ICARUS.

The Fly ICARUS family cares deeply about the industry.

We are headed up by Matt Williams, a former pilot with thousands of manned flying hours. The team has been flying drones for years, clocking up hundreds of hours and becoming some of the best operators in the industry.



FACEBOOK

www.facebook.com/FlyICARUSIntl/



INSTAGRAM

[flyicaruslimt/aerialmotionpictures](https://www.instagram.com/flyicaruslimt/aerialmotionpictures)



TWITTER

[@aerialmotion](https://twitter.com/aerialmotion)

1 Like 1 Comment 1 Share

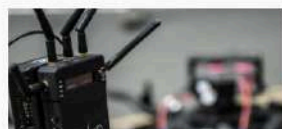
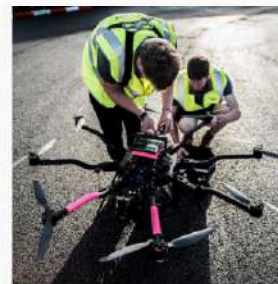
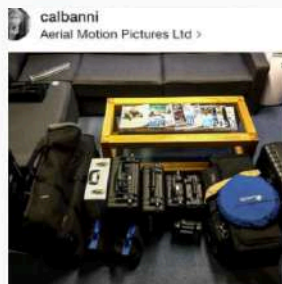


aerialmotionpictures

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We hope to see you soon!

THANK YOU!

FLY
ICARUS
International Certificate of Approval
for Remote Unmanned Systems



Setting the Standard for Aerial Operations. Fly Safe. Fly ICARUS.



**FLIGHT
CREW**

**FLIGHT
CREW**