



NORFOLK
DRONE TRAINING
ACADEMY.



NORFOLK
CONSTABULARY





[ABOUT US.]

Norfolk Constabulary conduct over 1900 deployments a year making us one of the busiest forces for drone demand.

We provide drone support to major national and international events in both a drone and counter drone capacity.

We are innovative leaders of testing, flying and developing new technology. This includes exploring the expansion of permitted flight parameters currently in the UK, with application of emergency services operations.

We are licensed as part of a Recognised Assessment Entity (RAE) to deliver the CAA GVC qualification.

THE DRONE TRAINING ACADEMY.

The training academy is situated within a countryside location, yet easily accessible and close to major route networks.

The recently developed site offers a dedicated classroom and workshop for theoretical and technical learning. There are ideal spaces for practical training, replicating a variety of scenarios which drone pilots may face.

Providing coastline, restricted airspaces and an urban/rural mix, Norfolk is well suited for operational flight training. These conditions can be encountered within the 10-day tactical training course.



Drones will reduce the carbon footprint in aviation

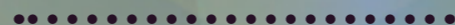
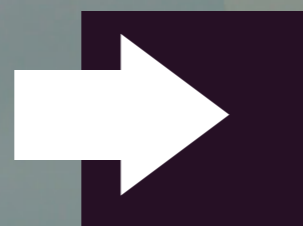


Recent advances in drone capability means they can fly in all weather conditions

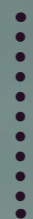
**WHAT WE
OFFER.**



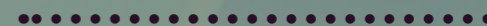
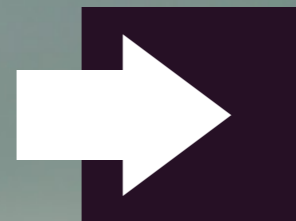
**CLASSROOM
THEORY
TRAINING**



**PRACTICAL
FLIGHT
TRAINING**



**FLIGHT TEST
QUALIFICATION**



**BESPOKE
TACTICAL
TRAINING**





OUR COURSES.



GVC
2.5-day course



GVC & Flight Training
5-day course



GVC & Tactical Training
10-day course



Continued Professional Development

GVC 2.5-DAY COURSE.

INCLUDES:

- ➔ Classroom theory training
- ➔ Flight test qualification

Days 1 & 2 consist of theoretical learning and testing. Following this, the student will return for a short practical flight examination.

This course is appropriate for competent students who require re-classification or have relevant experience towards qualification standards.

GVC & FLIGHT TRAINING

5-DAY COURSE.

INCLUDES:

- Classroom theory training
- Practical flight & safety training
- Flight test qualification

This course is a blend of theory and practical flight with the aim to enhance competency within increasingly intense conditions and emergency safety procedures.

This achieves a safe standard of flight for those intending to fly regularly with competent ability to react to emergency eventualities.

GVC & TACTICAL TRAINING

10-DAY COURSE.

INCLUDES:

- Classroom theory training
- Practical flight & safety training
- Flight test qualification
- Bespoke tactical training with potential live deployment

This course encompasses the 5-day course to enhance flight competence. The second week develops tactical skills within extended parameters, including: increased distances, situational awareness and external pressures.

This is tailored for Police and Fire operators who will fly drones at public order, firearms and high demand incidents.

Continued Professional Development.

This is a 1-day course available to all organisations, with the aim of refreshing overall competency and legislative awareness.

Several CPD days will be available annually, offering a variety of modules including: theoretical, technical and practical applications.

INCLUDES: (variety of)

- Updates on legislation
- Scenario based training
- Emergency procedures
- Technical developments



[**CASE**
STUDIES.]



MISSING PERSON.

OVERVIEW

A 75-year-old male had been missing for over 24 hours in harsh coastal marsh terrain. Search attempts, including: 60 people from The Police, Fire Service, Coast Guard, RNLI and Low Land S&R, plus both Coast Guard and Police helicopters had proved negative. Both Police and Fire Service drones were deployed to conduct a more thorough search of the terrain.

REC 3x TIME: DATE:



CHALLENGES

Primarily, the principal risk was the concerned person's exposure to adverse conditions for an extended period. Furthermore, additional risks were imposed by the incoming tide, creating a limited time scale.

The rough terrain created visibility challenges over an extensive area of around 4 Kilometres.

RESULTS

To combat this, the drone flew at a lower altitude, which allowed for visuals at a higher level of detail within the water and reeds. In particular, the pilot was able to identify tracks into the area, leading to the concerned person.

This ability therefore formed a more methodical sweep of the terrain providing more confidence within the search party.

As a result, the drone pilot pinpointed the concerned person 715m away in the marshland and was able to guide a rescue party towards him.

FIREARMS THERMAL.

OVERVIEW

Police received a report during hours of darkness stating three males had threatened another group, producing both a machete and a knife during the incident.

The suspects had since fled the scene, a seating area within a public park. Further intelligence suggested the suspects had entered a nearby house.



CHALLENGES

The drone was initially required to conduct aerial searches of the park to locate the suspects. Given the size of the park and time of night, officers on the ground would have taken significant time at an increased risk to search the area.

As the incident developed the drone was tasked with providing aerial containment of the property where the three suspects were believed to be located. The premises offered a number of geographical complications for attending officers, including large hedgerows obstructing views and the close vicinity of a main road.

RESULTS

By utilising the drone's thermal capacity, the park was quickly searched and any persons within were swiftly and safely cleared by officers. The officers were then able to quickly relocate to the property location as provided by ongoing intelligence.

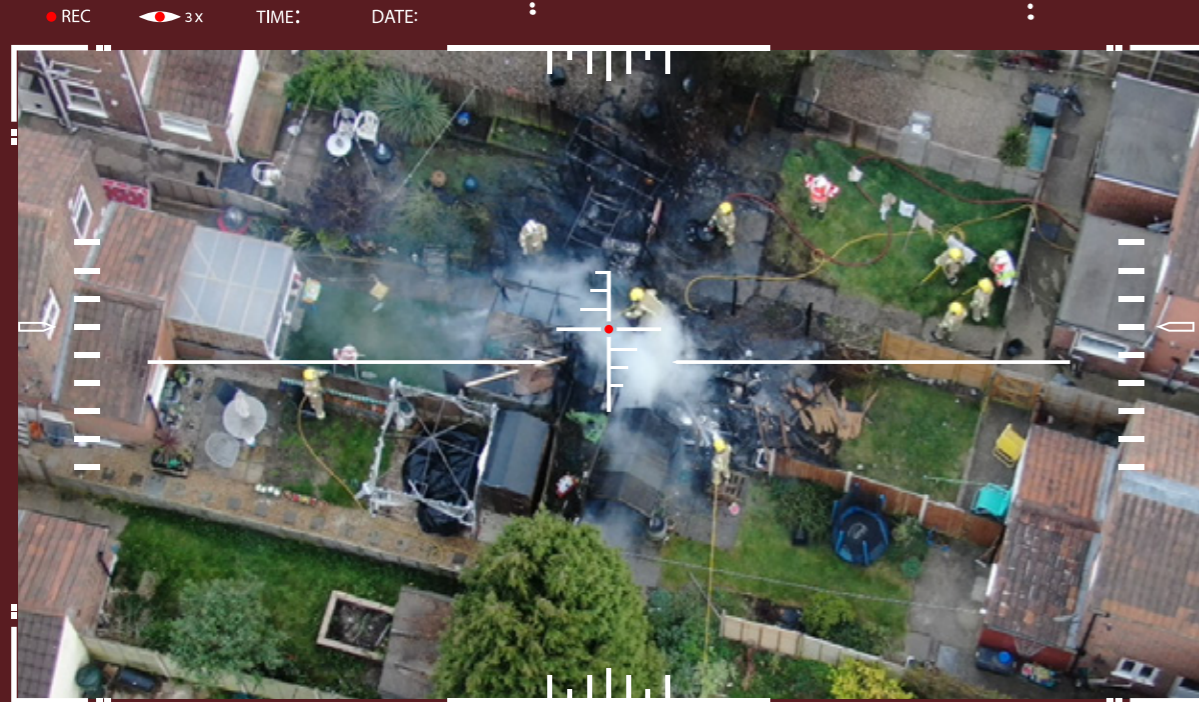
As officers attended the address, two suspects attempted to escape through the rear garden and across neighbouring premises, unseen by officers on the ground due to thick hedgerows. Thermal imaging on the drone tracked the suspects across numerous properties. Meanwhile, the pilot was able to direct officers into position to intercept the suspects for a safe and effective arrest.

FIRE.

OVERVIEW

A Police unit had encountered a fire within the rear gardens of a row of terraced houses. The fire was becoming more aggressive and beginning to spread to neighbouring gardens and outbuildings.

Fire service had been called and were already travelling to the location.



CHALLENGES

Upon arrival of the drone, fire officers requested aerial coverage of the fire, utilising thermal imaging to highlight hotspots and identify areas of potential spread.

RESULTS

Potential areas of spread were pinpointed with such efficiency that the firefighters were able to concentrate their attention to limit damage to neighbouring properties and outbuildings.

USE DRONES IN:

Public
safety

Efficient Search &
Rescue, Missing Person

Counter
measured
for hostile
reconnaissance

Evidence
gathering

WHY TRAIN WITH US:

Police led
training from
operational pilots

Knowledgeable
& experienced
trainers

Opportunity to
get operational
flight experience
(10-day course)



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GET IN
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