

# PROFESSIONAL DRONE TRAINING

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8th October 2021

# Presentation Aims

To tell you a bit about us

A bit about drones

And how they can save  
you time and money



# A Bit About Us

Company Formed 3 years ago

Jonathan Shelbourne

Liam McGrath

Trained over 300 people in that time

2 Offices

# 2 Offices



Head Office, Banchory,  
Aberdeenshire



Central Office, Business First,  
Paisley, Renfrewshire

# Training Throughout The UK



# Training Structure

- It should be noted that a high percentage of people we train have never flown a drone in their life. Before the course officially starts we issue clients with training drones for use indoors to get them acquainted with the controls
- These drones are lightweight and have rotor guards. This means even if they hit something they will cause no damage.



# Training Structure

- The course is run over 3 days with 2 days of classroom work to cover 10 modules, Air Space, Air Law, Meteorology etc etc
- This is followed by 2 exams – 95% multiple choice
- Next a days flying where you will fly various drones from small to large. Following this there is a flight assessment
- Having passed your exams and flight assessment you will be issued with two qualifications
- Your A2 Certificate of Competence and your GVC Certificate.
- These are the only 2 qualifications available at the moment so you will be fully qualified and CAA Approved.

# Summary

- You will learn a great deal during this course
- It will feel like being fed by a hose pipe
- On completion you will be one of the best trained operators in the UK





# A Bit About Drones

- Drones come in various specifications, sizes and prices.
- Do not think that you have to spend fortunes or buy the most complicated drone to get great results.
- Professional Drone Training **DO NOT SELL DRONES.** This puts us in an unbiased position to look at your requirements and advise accordingly.
- Drones are now being used in various industries.
- Surveying, Inspection, Construction, Security/Police, Farming, Deliveries and Council's.
- Technology has made them very easy to fly and control.

# Saving Time and Money

- If you require to inspect something which is difficult to access you have a few options.
- Depending on the height you could maybe use a cherry picker, which can be expensive to hire with an operator and may require closing off an area.
- Again, depending on height, you may choose to get a scaffolding firm to install scaffolding and then get the inspection done, hoping all will be well with the concerned area until the scaffolding is erected.
- This is time consuming and expensive.
- Alternatively you arrive on site with your drone and in a matter of minute, ascertain the extent of the problem.

# Examples

- This Cell mast had been worked upon by a contractor 2 days previously and one of the antenna had stopped transmitting.
- It was thought that the inspection hatch at the top of the tower had been left open.
- The contractor had no one available to check for several days.
- A drone was used to check and within a matter of minutes it was clear that this was not the problem.
- The hatch had been secured and closed by the contractor.....

# Examples



# Examples



# Examples



# Examples



# Examples





# Examples

- This example is an old sewing mill which has been partly taken over by a skip company.
- The main old build, however, has been derelict for around 30 years
- Local residents had reported that they had seen “stuff” blowing off the roof.
- It was deemed far too dangerous to send men onto the roof even if they could have got access
- This is a short clip from the original video. The quality has been reduced for the purpose of presenting to 1080p. The original was much sharper at 4k.

# Examples



# Saving Time and Money

- You may be wondering what drone was used to shoot this footage?
- This.....



# Saving Time and Money

- No!!!
- This.....



# The Future/ Present

- Drones are becoming more widely used from deliveries by Amazon....



# The Future/ Present

- To medical supplies to the remote Scottish Islands.



# The Future/ Present

- To Air Taxi's and Tourism Flights, currently already happening in China.



# The Future/ Present





# The Future/ Present



# The Future/ Present

- And with Christmas Just around the corner....

# The Future/ Present

- Even Santa.....





# Questions

Thanks for your attention and we will now be happy to take any questions you have.