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 **AYAMA**



INTERNATIONAL WILDLIFE CONSULTANTS

 **MICROSENSORY<sup>®</sup>**

GREAT  
WESTERN  
EXOTICS

## Welcome to Vowley

With its proud heritage dating back into pre-history, falconry has long been the Sport of Kings. From the huge entourages of Ghengis Khan, to the courts of Frederick II, rulers have smoothed the paths of nationhood with gifts of falcons and shared hunting trips. Nowadays falconry finds ardent support throughout the Gulf and has been inscribed by UNESCO on the Representative List of the Intangible Cultural Heritage of Mankind.

No longer dependent on taking falcons from the wild, falconers now breed their own birds and this has led to the developments of different hybrids, breeds and bloodlines for hunting and racing. Flat racing to the lure or 'Telwah' has become a passion in the Middle East for the last decade or more. As Britain is one of the top countries for breeding high quality falcons it seems appropriate for us to host our own races especially for youngstock before they are shipped out to the Gulf for the start of the racing season in November.

We have developed Vowley on a 110-acre site specifically for falcon training and racing. It is managed by Charlie Hewitt-Dean and his partner Karen and has accommodation for visiting staff and falconers with a capacity of up to 90 falcons in training at any one time. We have a professional full length 400 metre Telwah course for Flat Racing with laser timing accurate to 1/1000s of a second. We also have two further training courses for the Telwah. Our course for Hunt Racing is 400 x 400 metres, again with additional training fields.



*Falcons on the pavilion weathering lawn*

*Photo credit - Tim Wilson*

Some of the best racing and hunting falcons in the world will be going through their paces during the Finals at Vowley. Many are the property of Royal Families from Dubai, Abu Dhabi, Qatar, Saudi Arabia, Bahrain and Kuwait. You will see Peregrines, the big arctic Gyrfalcons, Sakers and hybrids between them, bred, trained and flown by professional falconers. During the Hunt Race falcons' stoop from 120 metres at speeds of 220 kph chasing the robotic prey in sizzling flights right over your head. This is the only place in Europe where you can see these top falcons appearing in public.

Despite restrictions on travel because of the virus, we have a strong programme of entries this year. Please follow the guidelines for social distancing, be sensible and we hope you enjoy a sporting day out seeing these fantastic falcons.

#### **Dr Nicholas Fox, OBE**



*Nick Fox and his horse Buckskin, hawking with the Northumberland Crow Falcons.*

*Photo credit – Verity Johnson*

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## OUR SPONSORS

### DUBAI FALCON CENTER

Dubai Falcon Center is renowned in the Emirates for its Flat Race winning falcons. The main prizes are sponsored by DFC.

Owner, Hussain Lootah, is unable to attend due to travel restrictions but Martin Nicholas will present the prizes as a representative of DFC.

*[www.nalg.ae](http://www.nalg.ae)*



### AYAMA

Based in Spain, Ayama manufacture GPS tracking devices for falcons and other birds and for hunting dogs. Ayama is managing the timing for the Flat Racing, an important specialist task and is sponsoring the Flat Race Trophy, a beautiful bronze falcon head sculpted by Al Glasby, OBE.

*[www.ayama.com](http://www.ayama.com)*



## OUR SPONSORS



[www.rofalconry.com](http://www.rofalconry.com)

### WINGBEAT

Based in Wales, Wingbeat designed the robotic prey used in the Hunt Races and subsidises the models used by the competitors today for both training and racing.



INTERNATIONAL WILDLIFE CONSULTANTS

[www.falcons.co.uk](http://www.falcons.co.uk)

### IWC

International Wildlife Consultants is sponsoring the Hunt Race Trophy and providing staff and logistical support for the event.

## GREAT WESTERN EXOTICS

[www.gwexotics.com](http://www.gwexotics.com)

### GREAT WESTERN EXOTICS

Great Western Exotics offer an established, specialist led avian veterinary service. Their team of vets are available 24 hours a day 365 days a year to meet the veterinary need of your bird(s). Located in Swindon with first class hospitalisation, medical, diagnostics and surgical facilities for birds of prey.

Supporting Vowley this weekend is Tom Dutton BVM&S CertAVP(ZM) DipECZM(avian) MRCVS ECZM and RCVS Specialist.



[www.microsensory.com](http://www.microsensory.com)

### MICROSENSORY

Design and development of GPS, GSM, satellite and radio tracking equipment for wildlife, falconry, hunting dogs, fleets, pets and people. Specialising in Solar GPS telemetry.

## CORPORATE HOSPITALITY

### HONEYBROOK ANIMAL FOODS



[www.honeybrookfoods.co.uk](http://www.honeybrookfoods.co.uk)

Started over 25 years ago from our CEO Nick Havemann-Mart's need for a quality and nutritious source of food for his falcons, Honeybrook has grown to become one of the world's premium falconry and reptile companies. We are a family company owned & run by professionals for the benefit of enthusiasts.

### WINGBEAT



[www.rofalconry.com](http://www.rofalconry.com)

Wingbeat, under the management of Benjamin Fox, produces the roprey models used in the Hunt Race. Come to the Wingbeat tent to catch up with the latest in product design, purchase parts or discuss piloting issues.

### FOX FALCONS



[www.falcons.co.uk](http://www.falcons.co.uk)

Fox Falcons breeds domestic falcons for racing and hunting in the Middle East. The breeding facility is one of the oldest established in Europe. We have been breeding falcons since 1975, supplying the Royal Families of the United Arab Emirates and the Royal Family of Bahrain for 23 years.

## PRIZES

Dubai Falcon Center are kindly sponsoring cash prizes totalling £15,000. Owner Hussain Lootah, a professional falconer based in Dubai, regularly wins falcon races throughout the Middle East and is keen to support the development of International falcon racing.

First place winners of the Flat race and Hunt race will also receive a trophy! The trophy for the Flat (Telwah) race is kindly sponsored by Ayama, and the trophy for the Hunt race is kindly sponsored by International Wildlife Consultants.

### FLAT RACE PRIZES

**First place: £5,000 and Trophy**  
Second place: £1,500  
Third place: £500

### HUNT RACE PRIZES

**First place: £5,000 and Trophy**  
Second place: £2,000  
Third place: £1,000



The trophies are sculpted by Alan Glasby OBE and produced in solid bronze by his son Andrew. Valued at £500 each they are worthy trophies to be cherished by the winners for a lifetime.

[www.ag-sculptures.co.uk](http://www.ag-sculptures.co.uk)



## THE TEAMS

It is a team effort to produce a racing falcon. Although some of the Breeders are private individuals, some are owned by royal families who show a keen interest in the pedigrees and bloodlines. The Owner of each falcon may be a private individual, or a company, or a syndicate. Breeders produce anything from a handful of falcons each year, to several hundred. Most youngstock are shipped out to the Gulf in late summer ready for training. Some of the falcons racing at Vowley are available for purchase while some are cherished private birds.

Once the young falcons are near fledging, they are handled by Falconers who teach them all the basic flying skills and fitness that they need for racing. The earliest young falcons are ready to race by late August.

Pilots are needed for the Hunt Race and they must be experts at flying radio-controlled aircraft. They need good eyesight, fast reactions and nerves of steel. When a falcon is stooping at you at over 200 kph the ground comes up very fast. Many are wrung out after a good flight and need to sit down under a tree for a little while to recover!

While a Team can field falcons for several Owners, the Pilots, like jockeys, can only fly for one team. Some teams here today are fielding over a dozen top falcons and the competition is intense.



*Competing team from the falcon races, 2019. Left to right: John Dickson, Kathryn Dickson, Anthony Rawlings, Kris Ulens.*

*Photo credit – Adam Barnard*

## GENERAL RACING RULES

1. The Trainer is the person acting individually or leading a team of people who have trained one or more falcons together throughout the training period.
2. The Team is the Trainer and support crew who have trained one or more falcons together for a race on behalf of one or more Owners.
3. A Team cannot include two independent Trainers.
4. In the Flat Race the Falconer is the Team member luring and retrieving the falcon.
5. In the Hunt Race the Falconer is the Team member slipping and retrieving the falcon.
6. A Team can engage one or more Pilots but a Pilot cannot fly for more than one Team in any given race.
7. The Owner is the Owner of the Falcon at the start of the race.
8. An Owner can own more than one falcon and a falcon can have multiple owners.
9. The Owner of the falcon is the entity who wins the prizes.
10. The Breeder is the person or stud that hatched the Falcon.
11. The falcon must have a means of attaching a GPS tag supplied by the race management.
12. Each entry on the race card must include: The Falcon's name, ring or microchip number, species (including hybrids), gender, age, the Falconer's name, the Trainer's name, the Owner's name and the Breeder's name. A wild-caught Falcon shall be listed as 'wild-caught' under Breeder's name. For Hunt races, the Pilot's name must also be included.

13. Open Races are open to falcons only, of any species, gender or ages.
14. The Contestants must provide their own insurance for any claims whatsoever against them.
15. The Organisers shall not be responsible for any injury or loss to any Falcon, howsoever caused.
16. The Falcon must carry a non-removable official registered ring or microchip identifying it as the individual described in its legal papers.
17. If offered for sale the Falcon must have any legal documents required to make the sale.
18. The Owners' Racing Colours may be displayed on hoods or the uniforms of participants. Pilots and Falconers may wear sponsorship liveries, logos or racing colours.
19. The Order of Flying will be declared one hour before the start of the competition drawn from a hat by the Timekeeper. Wherever possible no two falcons from one Team will be flown consecutively.
20. If the weather changes during the course of the competition, no allowance will be made to any competitor except that the Timekeeper may decide to temporarily halt the competition or cancel it altogether because conditions are unsafe, for example low fog, storm or heavy rain.
21. The wind strength at two metres must not exceed Force 5 i.e. 38km/hr, 24 miles/hour or 10.7 m/s and the temperature must not exceed 28°C.
22. The winner is the Falcon with the lowest time score.
23. The Timekeepers must have no declared interest in any of the competitors.

24. If the Falcon wanders off, the Timekeeper will decide whether or not to fly the next Falcon.
25. If a Lost Falcon is still not recovered, the Trainer of the next Falcon has the right to refuse to fly because of risk to his own Falcon. In this case his Falcon will be moved to the last position in the Flying Order.
26. All filming and media rights belong to the organisers of each event.



*Mauri, a white Gyr Fox Falcon competing in the Telwah Race at Vowley 2019.*

*Photo credit – Adam Barnard*

## THE FLAT RACE

The Flat Race originated in the Middle East as an extension of training falcons in the desert. The Falconer is placed in the Starting Box and unhoods the falcon who sees a second falconer swinging a lure or *telwah* made of dried bird wings. As she leaves the starting box the falcon breaks the first beam and the clock starts. The Finish beam is set at either 300 metres or 400 metres and the falcon flies low and fast up the course, so close to the ground that she can use 'ground effect' to enhance her wing strokes. Competitors watch the clock closely.



*Amy Coldron releasing her brother Joel's Gyr Saker falcon 'King Robert' at the Vowley Races 2019.*

*Photo credit - Adam Barnard*

The race is all about timing and only a few thousandths of a second make all the difference between winning and second place. Most of the falcons racing at Vowley are young birds, still developing and yet to reach their full potential, but they give buyers a good indication which ones to snap up and continue racing over the winter in the Gulf.

## FLAT RACING RULES

### These rules are in addition to the General Racing Rules

1. The Flat Races can include events for different ages or species of Falcon and for different classes of competitors.
2. The race distance is normally 400 metres along a smooth, level track.
3. The start and finish lines are infra-red or radar beam gates connected together to record timings to 0.001 seconds accuracy and screened at 0.01 seconds accuracy.
4. The Falcon must pass through both start and finish gates.
5. The start gate is 5 metres wide and the Falconer must stand no closer than 5 metres from the beam and no further than 20 metres from the beam.
6. The finish gate is no more than 30 metres wide and 30 metres high at the beam.
7. The Falconer can call the Falcon using only the lure (tilwah) and must stand behind the finish gate.
8. The dress of the Falconer can be any type specified by the race Organisers.
9. On unhooding the Falcon, the Falconer must keep his hand static. Attempts to launch the Falcon from the hand will disqualify the entry.
10. A Falcon which fails to start after two minutes from being unhooded will be disqualified.
11. If a Falcon fails to complete the course within three minutes it will be disqualified.
12. If the Falcon wanders off, the Timekeeper will decide whether or not to fly the next Falcon.



# AYAMA

AYAMA has been making Telemetry systems for 45 years. In 1993 AYAMA launched its specialist telemetry for Falconry and Pigeon Racing in Spain and Europe. For the last 37 years AYAMA has been improving, developing and advancing falconry telemetry, to where we are today with GPS and the soon to be released, Micro GPS.


The company is based in Barcelona, Spain and have recently moved to a new factory and electronics laboratory, enabling them to make more of their equipment in house, with 3D printers and more specialist equipment. The team of specialist staff offer the best service and the most advanced telemetry products around the globe.

AYAMA offer Telemetry products across several platforms including Wildlife Tracking and Working Dogs. The **AYAMA POINTER and AYAMA POINTER TRACK (GPS)** handsets are small, lightweight, touch screen and wearable, so no need to leave it behind in the car. You can attach it to your belt, falconry vest or simply put it in your pocket. The collapsible Yagi antenna makes this unit very compact, extremely accurate, and with its colour touch screen, it makes it so simple and easy to use.

The **AYAMA POINTER TRACK (GPS)** handset shows the maps live on the screen, and also incorporates traditional radio tracking, so there is no need for a separate radio telemetry system, as it is all built in to one small unit.

AYAMA has a wide range of transmitters suitable for every requirement, some that last 60+ Days, through to their smallest transmitter that weighs just 2.3gms and is 4 inches long and at the pinnacle is the incredible **SAHARA GPS** Transmitter. The AYAMA transmitters are extremely versatile and all offer Leg or Spring Clip mounting.

AYAMA successfully sponsors many Sky Trial Events in Europe and are extremely pleased to be sponsoring the inaugural Falcon Races in the UK as the official timing partner. AYAMA is offered in the UK and other Countries by **FALCONRY MANAGEMENT SERVICES**.



## FLAT RACE ENTRIES



Name: **Nebula**  
Species: Gyr x Peregrine  
Sex: Female Year: 2020  
Ring No: 101 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Bella**  
Species: Saker  
Sex: Female Year: 2019  
Ring No: 582232

Team Name: **East Sussex Falconry**  
Owner: Elliot Guy  
Falconer: Elliot Guy  
Trainer: Elliot Guy  
Breeder: Nigel Jefferies

Qualifying Time..... Final.....



Name: **Odin**  
Species: Gyr  
Sex: Male Year: 2020  
Ring No: 3996FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



## FLAT RACE ENTRIES CONTINUED



Name: **Dapper**  
Species: Peregrine x American Kestrel  
Sex: Male      Year: 2018  
Ring No: 1DOGROSEFALCONST

Team Name: **Valinor**  
Owner: Nathalie Denolf  
Falconer: Nathalie Denolf  
Trainer: Nathalie Denolf  
Breeder: Zoe Jones

Qualifying Time..... Final.....



Name: **The Gentleman**  
Species: Rusticolus x Peregrinus  
Sex: Male      Year: 2004  
Ring No: 22992w

Team Name: **O'Neil**  
Owner: Jacob O'Neil  
Falconer: Jacob O'Neil  
Trainer: Jacob O'Neil  
Breeder: Mr W Bennett

Qualifying Time..... Final.....



Name: **Felix**  
Species: Hybrid Falcon Pere/Lanner  
Sex: Male      Year: 2012  
Ring No: 1394

Team Name: **South West Team**  
Owner: Paul Tuckwell  
Falconer: Paul Tuckwell  
Trainer: Paul Tuckwell  
Breeder: North East Falconry

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **Gamora**  
Species: Gyr x Peregrine  
Sex: Female Year: 2020  
Ring No: 109 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Luna**  
Species: Saker  
Sex: Female Year: 2019  
Ring No: 199

Team Name: **James Woodward**  
Owner: James Woodward  
Falconer: James Woodward  
Trainer: James Woodward  
Breeder: Francisco Gonzalez Garcia

Qualifying Time..... Final.....



Name: **Barika**  
Species: Gyr  
Sex: Female Year: 2020  
Ring No: 0278FOX X

Team Name: **Hewes Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Ben Hewes  
Trainer: Ben Hewes  
Breeder: Fox Falcons

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **Gwynne**  
Species: 7/8th Gyr x Saker  
Sex: Female Year: 2020  
Ring No: 0275FOXX

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Kika**  
Species: Peregrine  
Sex: Female Year: 2020  
Ring No: 3121

Team Name: **Dryburgh Falcons**  
Owner: Ryan Dryburgh  
Falconer: Ryan Dryburgh  
Trainer: Ryan Dryburgh  
Breeder: Dryburgh Falcons

Qualifying Time..... Final.....



Name: **Megan's**  
Species: Peregrine  
Sex: Male Year: 2020  
Ring No: 038Pedigree-Falcons

Team Name: **Pedigree Falcons**  
Owner: Pedigree Falcons  
Falconer: Mr James Brown  
Trainer: Mr James Brown  
Breeder: Pedigree Falcons

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **Trinity**  
Species: Gyr  
Sex: Female Year: 2019  
Ring No: 001-Sulter-x

Team Name: **British Falcon Breeders**  
Owner: Gerard and Gemma  
Falconer: Gerard Sulter  
Trainer: Gerard Sulter  
Breeder: Gerard Sulter

Qualifying Time..... Final.....



Name: **Mantis**  
Species: Gyr x Peregrine  
Sex: Female Year: 2020  
Ring No: 100 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Saar**  
Species: Gyr/saker  
Sex: Male Year: 2013  
Ring No: 13524xFalconmews

Team Name: **Carl Bewick**  
Owner: Carl Bewick  
Falconer: Carl Bewick  
Trainer: Carl Bewick  
Breeder: Peter Gill

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **King Robert**  
Species: Gyr saker  
Sex: Male      Year: 2014  
Ring No: 149m&j raptors 10w

Team Name: **Team Falconrytube**  
Owner: Joel Coldron  
Falconer: Joel Coldron  
Trainer: Joel Coldron  
Breeder: Mick Kane

Qualifying Time..... Final.....



Name: **Nos**  
Species: Gyr  
Sex: Female      Year: 2020  
Ring No: 3930FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **The Morrigan**  
Species: Rusticolus x Cherrug  
Sex: Female      Year: 2017  
Ring No: 6xajccfalcons

Team Name: **O'Neil**  
Owner: Jacob O'Neil  
Falconer: Jacob O'Neil  
Trainer: Jacob O'Neil  
Breeder: Andy Close

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **The Tortoise**  
Species: Tri-bred – Gyr x Saker x Peregrine  
Sex: Male      Year: 2015  
Ring No: 7lrw15w

Team Name: **Alwathba Falcons**  
Owner: Alwathba Falcons  
Falconer: Henry Selby  
Trainer: Shane Griffiths  
Breeder: Alwathba Falcons

Qualifying Time..... Final.....



Name: **Kiddo**  
Species: Gyr  
Sex: Female      Year: 2020  
Ring No: 005sulterx

Team Name: **British Falcon Breeders**  
Owner: Gerard and Gemma  
Falconer: Gerard Sulter  
Trainer: Gerard Sulter  
Breeder: Gerard Sulter

Qualifying Time..... Final.....



Name: **Mocha**  
Species: Saker  
Sex: Female      Year: 2015  
Ring No: 0541 SNPWS.V

Team Name: **Sister Mocha**  
Owner: Ryan Stocks  
Falconer: Ryan Stocks  
Trainer: Ryan Stocks  
Breeder: Kieran Daragan

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **Silver Machine**  
Species: Peregrine  
Sex: Female Year: 2020  
Ring No: 042Pedigree-Falcons

Team Name: **Pedigree Falcons**  
Owner: Pedigree Falcons  
Falconer: Mr James Brown  
Trainer: Mr James Brown  
Breeder: Pedigree Falcons

Qualifying Time..... Final.....



Name: **Casper**  
Species: Gyr x Saker  
Sex: Male Year: 2020  
Ring No: 111532x

Team Name: **Lakes Falconry**  
Owner: Gareth Dargue  
Falconer: Gareth Dargue  
Trainer: Gareth Dargue  
Breeder: Gareth Dargue

Qualifying Time..... Final.....



Name: **Lupin**  
Species: Gyr  
Sex: Male Year: 2020  
Ring No: 3950FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....

## FLAT RACE ENTRIES CONTINUED



Name: **Fyfa**

Species: Peregrine x Barbary

Sex: Female Year: 2019

Ring No: 1 NBC 19 V

Team Name: **Dickson Falcons**

Owner: NBC Environment

Falconer: Megan Dickson

Trainer: John Dickson

Breeder: Kath Dickson

Qualifying Time..... Final.....





## THE HUNT RACE

The Hunt Race is designed to test the hunting skills of pursuit falcons. Many of the contestants are actual hunting birds, and some are young ones learning their flying skills before being taken hunting. The chase relies on robotic prey flown by skilled pilots controlling them from the ground. The prey are specialist designed by Wingbeat Ltd for falcons.

The Falconer and Pilot stand inside the 120 x 120 metre Landing Square facing the wind for a quick take off. On the first horn the Pilot launches the Roprey and the Falconer hoods off his falcon which is carrying an altimeter. The Pilot must tempt the falcon to chase it high into the sky as quickly as possible and the falcon must have an impressive climb rate. When the falcon reaches 120 metres high (400 feet) the second horn is sounded and the Pilot dives

immediately closely followed by the falcon in a vertical stoop. As they reach only 50 metres above the ground the third horn is sounded and the Pilot pulls out, putting huge G forces onto the model and the falcon. Both are now close to the ground and the falcon is hot onto her prey. But the Pilot must evade her attacks for thirty seconds without getting caught. If he succeeds, the fourth horn sounds and the falcon must quickly catch her prey in the air and come down inside the Landing Square. As they touch down the fifth horn sounds and the clock is stopped.



*Falconer Anthony Rawlings and Pilot Kris Ulens competing in the Hunt race 2019.*

*Photo credit – Adam Barnard*



*Falcon pursuing a Wingbeat Rocrow at Vowley.*

*Photo credit – Adam Barnard*

The Hunt Race is designed to be a sporting contest. Things can and do go wrong. There is no guarantee that the best falcon will win on the day. She may be clocking a winning time and then, at the last moment, come down outside the Landing Square and incur time penalties.

## THE ROPREY

The Hunt Race is only possible due to modern developments in materials technology. The roprey were designed by Wingbeat Head Designer Remy Van Wijk and Dr Nick Fox, and trialled over six years by the Northumberland Crow Falcons.



For Hunt Racing, contestants must all use the same factory fuselage and wings but are permitted to make any other changes they'd like, and this can aid overall product development for everyone. However, simply fitting a more powerful motor by no means ensures success. There has to be a fine balance between predator and prey. If the prey is too weak the falcon will catch it too easily, but if it is too strong, she may be demotivated.

Contrary to popular conception, these falcons are not starved. They are fed to full athletic muscle development and are completely free high in the sky. They could fly 400 km in a day and end up in Denmark by evening if they wanted to! But their instinct to chase is strong and they 'lock on' to their prey and seldom take their eyes off it. The prey must be robust and flexible enough to withstand multiple catches and falls from the sky, yet at the same time not be so hard that the falcon could be injured. The wings and body are made from resilient expanded polypropylene and the electric ducted fan motor is hidden in a jet tube deep inside the body where the fan blades cannot contact the falcon. If parts are broken, they are usually repaired easily, or if not, they are replaced. The head and neck are made of soft foam and, on landing, the falcon will 'kill' her prey by biting its neck. Sometimes a titbit of meat is placed there but for experienced falcons this is unnecessary; they will give chase regardless.

Although developed initially for training falcons, these robotic birds can be designed as many species, such as duck or crows. They can even become Peregrines or Goshawks and used to humanely chase seagulls away from airfields and landfill sites.



## HUNT RACING RULES

**These rules are in addition to the General Racing Rules and apply to the Hunt Races**

1. Any qualifying Falcon may be entered into 'Open classes'.
2. The Pilot is on the same side as the Falcon and can be an in-house Pilot or a freelance Pilot, the same as jockeys in a horse race.
3. The Pilot can fly for more than one Falcon in the same Team.
4. The Pilot can fly for more than one Team in Qualifying races, but not in Finals.
5. The Roprey is supplied by the Pilot or the Trainer, not by the competition Organisers. The wings, fuselage and tail of the model must be unmodified factory models supplied by Wingbeat. The motors, electronic controls, batteries, heads and airbrake springs can be modified from factory issue. The transmitter can be any model. Any feathers added to the model must be non-detachable and must not extend more than 5 cm beyond the end of the tail. No modification will be allowed if, in the opinion of the judges, the model risks injury to the Falcon or spectators.
6. The model Roprey can carry any amount of logos.
7. In the event that the model malfunctions for any reason, this is the fault of the competitor, not the Organiser.
8. If the Falcon wanders off and the Pilot runs out of battery and is forced to land, the Falcon is declared 'Lost' and is disqualified. The Timekeeper will then consult the GPS location of the Falcon and decide whether or not to fly the next Falcon.
9. In the event of any cheating, irregularity or uncertainty the Timekeeper's decision will be final.

10. The standard Landing Square is 120 x 120 metres marked out by corner posts and white tape 30 cm above ground level so that the falcon cannot go underneath.
11. The Falcon must be fitted with a standardised GPS tag with a barometric altimeter transmitting the height reading down to the Timekeeper in real time.
12. The classes will be 120, 200, 300, 400 and 500 metres altitude for the top height.
13. The model can be any colour but only one size in each class. So, the 120, 200, 300 and 400 metre competitions will usually be the standard V2 size model, and the 400 and 500 metre classes will usually be the larger V1 Robara model.
14. The model can include an altimeter allowing the Pilot to know the height of the model.
15. Only the Falconer, the Pilot and the Timekeeper are allowed inside the Landing Square.
16. The competition starts with the Falconer and the Pilot standing inside the Landing Square facing the wind. They can be any distance apart.
17. The Pilot can be in any position in relation to the Falcon as long as both are within the Landing Square.
18. The braces on the Falcon's hood can be open but the hood must be on, with the Falconer's free hand at his side. When the Falconer and the Pilot are ready to slip, they must both raise their hands to signal to the Time keeper.
19. Once both hands have been raised, the Timekeeper sounds the start horn and the clock starts. The Pilot launches the Roprey and the Falcon is unhooded.



20. In the event that the Pilot has a mis-launch, one more attempt is permitted provided that the Falcon has not left the Falconer's fist. Once the Falcon is in the air the flight is underway and cannot be repeated. In the event of a mis-launch, the clock continues running from the initial horn time.
21. The Pilot can do anything he likes to encourage the Falcon to reach the top height as quickly as possible and use any part of the sky, including outside the Landing Square.
22. When the Falcon reaches the top height, the Timekeeper sounds the second horn.
23. The Pilot must then immediately dive to encourage the Falcon back down as fast as possible. When the Falcon has descended past 50 metres altitude the Timekeeper sounds the third horn.
24. At this point there is a break of 30 seconds during which time the Roprey can do anything it likes but must not get caught. The reason for this is to reduce the risk of the Falcon being injured by hitting the Roprey in a hard stoop, and to provide spectators with the excitement of an aerial combat at close quarters, 3 demonstrating the flying skills of the Falcon.
25. After 30 seconds the Timekeeper sounds the fourth horn and continues the time clock. The Falcon must catch the Roprey in the air in the shortest time possible after the fourth bell. The fifth horn sounds at the moment the Falcon touches the ground holding the Roprey. This is the Finish.
26. The winner is the Falcon with the shortest total time between the first (start) horn and the fifth (finish) horn. The logged time includes the mandatory 30 second chase period between the third and fourth horns.
27. If at any time the falcon touches the prey but does not bind to it, the hunt can continue.

28. If the falcon catches the prey and keeps hold of it before the third horn, the falcon is disqualified.
29. If the falcon catches the prey between the third and fourth horns and lands with it before the fourth horn it incurs time points equivalent to the number of dogfight seconds left times ten.
30. All parts of the model must be clear of the ground at the moment that the Falcon catches it.
31. The Pilot may use the airbrake.
32. If the Roprey hits the ground without the Falcon having touched it, the Falcon is disqualified.
33. If the Falcon hits the Roprey to the ground but does not bind to it, the clock continues until the Falcon has landed on the Roprey on the ground.
34. The decision as to whether or not the Falcon is holding the Roprey on landing is made by the Timekeeper who may consult action replay footage.
35. If the Falcon carries the Roprey and lands outside the Landing Square, the Falcon incurs 30 seconds time faults.
36. If the landing of the Falcon with the Roprey on the ground outside the Landing Square cannot be seen by the Timekeeper the landing time shall be determined from the GPS recording.

## HUNT RACE ENTRIES



Name: **Bingo**  
Species: Peregrine  
Sex: Male      Year: 2014  
Ring No: 0189L2554BEC120

Team Name: **Glewstone Boat Falcons**  
Owner: Daniel Webb  
Falconer: Daniel Webb  
Trainer: Daniel Webb  
Breeder: Walter Badnerach

Qualifying Time..... Final.....



Name: **Wicket**  
Species: 7/8th Gyr x Saker  
Sex: Female      Year: 2018  
Ring No: 3793FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Ivory**  
Species: 3/4 Gyr Saker  
Sex: Female      Year: 2019  
Ring No: 26 NBC

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



## HUNT RACE ENTRIES CONTINUED



Name:

**Valentina Moscow's Machiavellian**

Species: Gyr x Saker

Sex: Female Year: 2020

Ring No: 18ROY.L20W

Team Name:

**The Ludicrously Luscious Lumpies**

Owner: Roy Lupton

Falconer: Charlie Butler

Trainer and Breeder: Roy Lupton

Qualifying Time..... Final.....



Name: **Swallow**

Species: Gyr x Peregrine

Sex: Female Year: 2014

Ring No: 1282FOX14W

Team Name: **Fox Falcons**

Owner: Dr Nick Fox OBE

Falconer: Fox Falcons

Trainer: Fox Falcons

Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Juno**

Species: 3/4 Gry Saker

Sex: Male Year: 2018

Ring No: 108505W

Team Name: **Hewes Falcons**

Owner: Ben Hewes

Falconer: Ben Hewes

Trainer: Ben Hewes

Breeder: Jeff Prince

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Betty**  
Species: Barbary  
Sex: Female Year: 2018  
Ring No: 186 Peel V

Team Name: **Team Lyddon**  
Owner: Simon lyddon  
Falconer: Simon lyddon  
Trainer: Simon lyddon  
Breeder: Andrew Peel

Qualifying Time..... Final.....



Name: **Ziggy**  
Species: Gyr / Saker  
Sex: Male Year: 2020  
Ring No: 1537 Desert Falcons

Team Name: **Pinky & the Brain**  
Owner: Jimmy Robinson  
Falconer: Jimmy Robinson  
Trainer: Jimmy Robinson  
Breeder: Martyn Paterson

Qualifying Time..... Final.....



Name: **Loki**  
Species: Gyr x Saker  
Sex: Male Year: 2020  
Ring No: 13 Gorman Falco 20

Team Name: **NBC Environment**  
Owner: Anthony Rawlings  
Falconer: Anthony Rawlings  
Trainer: Anthony Rawlings  
Breeder: Dave Gorman

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Aurora**  
Species: Gyr/Saker  
Sex: Female Year: 2016  
Ring No: 1DBFALCONSW

Team Name: **Glewstone Boat Team**  
Owner: Dan Webb  
Falconer: Dan Webb  
Trainer: Dan Webb  
Breeder: Dean Britton

Qualifying Time..... Final.....



Name: **Slipstream**  
Species: 7/8th Gyr x Saker  
Sex: Male Year: 2014  
Ring No: 1242FOX14W

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **The Tortoise**  
Species: Tri-bred GyrxSakerxPeregrine  
Sex: Male Year: 2015  
Ring No: 7lrw15w

Team Name: **Alwathba Falcons**  
Owner: Alwathba falcons  
Falconer: Henry selby  
Trainer: Shane Griffiths  
Breeder: Alwathba falcons

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **James the Judicator the 1st**  
Species: Gyr x Peregrine  
Sex: Male      Year: 2017  
Ring No: 12ROY.L17W

Team Name:  
**The ludicrously Luscious Lumpies**  
Owner: Roy Lupton  
Falconer: Charlie Butler  
Trainer and Breeder: Roy Lupton

**Qualifying Time**..... **Final**.....



Name: **Odin**  
Species: Gyr  
Sex: Male      Year: 2020  
Ring No: 3996FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

**Qualifying Time**..... **Final**.....



Name: **Nebula**  
Species: Gyr x Peregrine  
Sex: Female      Year: 2020  
Ring No: 101 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

**Qualifying Time**..... **Final**.....

## HUNT RACE ENTRIES CONTINUED



Name: **Duffer**  
Species: Gyr/Lanner  
Sex: Male      Year: 2019  
Ring No: 019martinjonesw

Team Name: **Team Lyddon**  
Owner: Matt Price  
Falconer: Matt Price  
Trainer: Matt Price  
Breeder: Martin Jones

Qualifying Time..... Final.....



Name: **Nos**  
Species: Gyr  
Sex: Female      Year: 2020  
Ring No: 3930FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Mouse**  
Species: Peregrine  
Sex: Male      Year: 2020  
Ring No: IBR93103V

Team Name: **Pinky & the Brain**  
Owner: Oliver Tomlinson  
Falconer: Oliver Tomlinson  
Trainer: Oliver Tomlinson  
Breeder: Karl Jennings

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Ragnar**  
Species: Gyr  
Sex: Male      Year: 2018  
Ring No: 1 JD Falcons W

Team Name: **Arctic Falcons**  
Owner: Jonathan Ames  
Falconer: Jonathan Ames  
Trainer: Jonathan Ames  
Breeder: Jonathan Ames

Qualifying Time..... Final.....



Name: **Belladonna**  
Species: Peregrine x Lanner  
Sex: Female      Year: 2011  
Ring No: KEV A 524 12.0 11 001

Team Name: **Glewstone Boat Falcons**  
Owner: Nathalie Denolf  
Falconer: Nathalie Denolf  
Trainer: Nathalie Denolf  
Breeder: Gebruers Roger

Qualifying Time..... Final.....



Name: **Mantis**  
Species: Gyr x Peregrine  
Sex: Female      Year: 2020  
Ring No: 100 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Basheera**  
Species: 15/16 Gry Saker  
Sex: Female Year: 2020  
Ring No: 0283 FOX X

Team Name: **Hewes Falcons**  
Owner: Dr Nick Fox  
Falconer: Ben Hewes  
Trainer: Ben Hewes  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Himself**  
Species: Gyr x New Zealand Falcon  
Sex: Male Year: 2017  
Ring No: 3767FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name:  
**Kuli High Ambition Dancing Dragon**  
Species: Gyr x Saker  
Sex: Male Year: 2017  
Ring No: 15ROY.L17W

Team Name: **Disqualified Again**  
Owner and Falconer: Holly Cale  
Trainer: Tom Dutton  
Breeder: Roy Lupton

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **OH NO**  
Species: Gyr  
Sex: Female Year: 2020  
Ring No: Al 2464 Wathba A

Team Name: **Alwathba Falcons**  
Owner: Alwathba Falcons  
Falconer and Trainer:  
Henry Selby & Shane Griffiths  
Breeder: Alwathba Falcons

Qualifying Time..... Final.....



Name: **Gwynne**  
Species: 7/8th Gyr x Saker  
Sex: Female Year: 2020  
Ring No: 0275FOXX

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Khaleesi**  
Species: Gyr  
Sex: Female Year: 2016  
Ring No: 012 FALCON UK 16 X

Team Name: **Dickson Falcons**  
Owner: NBC Environment  
Falconer: Megan Dickson  
Trainer: John Dickson  
Breeder: Falco UK

Qualifying Time..... Final.....



## HUNT RACE ENTRIES CONTINUED



Name: **Storm**  
Species: Gyr x Saker  
Sex: Male      Year: 2014  
Ring No: 2DPCS01443742044

Team Name: **NBC Environment**  
Owner: Richard Henderson  
Falconer: Richard Henderson  
Trainer: Richard Henderson  
Breeder: Mr J M Davies

**Qualifying Time**..... **Final**.....



Name: **Dakhyia**  
Species: Gyr x New Zealand  
Sex: Female      Year: 2020  
Ring No: 3998FOXW

Team Name: **Fox Falcons**  
Owner: Fox Falcons  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

**Qualifying Time**..... **Final**.....



Name: **Bubba**  
Species: Gyr/Pere  
Sex: Male      Year: 2018  
Ring No: 21 Mcknight 18

Team Name: **Team Lyddon**  
Owner: Simon Lyddon  
Falconer: Simon Lyddon  
Trainer: Simon Lyddon  
Breeder: Macknight Falcons

**Qualifying Time**..... **Final**.....

## HUNT RACE ENTRIES CONTINUED



Name: **Gamora**  
Species: Gyr x Peregrine  
Sex: Female Year: 2020  
Ring No: 109 DICKSON

Team Name: **NBC Environment**  
Owner: NBC Environment  
Falconer: Anthony Rawlings  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Bella**  
Species: 15/16th Gyr x Saker  
Sex: Female Year: 2020  
Ring No: 0293FOXX

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Stell**  
Species: 7/8th Gyr x Saker  
Sex: Male Year: 2018  
Ring No: 3791FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Fyfa**  
Species: Peregrine x Barbary  
Sex: Female Year: 2016  
Ring No: 1 NBC 19 V

Team Name: **Dickson Falcons**  
Owner: NBC Environment  
Falconer: Megan Dickson  
Trainer: John Dickson  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Black Thing**  
Species: Gyr/Peregrine  
Sex: Female Year: 2018  
Ring No: 28MCKNIGHT18

Team Name: **Team Lyddon**  
Owner: Matt Price  
Falconer: Matt Price  
Trainer: Matt Price  
Breeder: Mcknight Falcons

Qualifying Time..... Final.....



Name: **Tatiana the Russian Rectifier**  
Species: 17ROY.L17W  
Sex: Female Year: 2017  
Ring No: 17ROY.L17W

Team Name:  
**The Ludicrously Luscious Lumpies**  
Owner: Roy Lupton  
Falconer: Charlie Butler  
Trainer and Breeder: Roy Lupton

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Lupin**  
Species: Gyr  
Sex: Male      Year: 2020  
Ring No: 3950FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

Qualifying Time..... Final.....



Name: **Sahara**  
Species: 3/4 Gyr x Saker  
Sex: Female      Year: 2019  
Ring No: 25 NBC

Team Name: **NBC Environment**  
Owner: Anthony Rawlings  
Falconer: Anthony Rawlings  
Trainer: Anthony Rawlings  
Breeder: Kath Dickson

Qualifying Time..... Final.....



Name: **Jack**  
Species: Peregrine  
Sex: Male      Year: 2020  
Ring No: IBR3102V

Team Name: **Pinky & the Brain**  
Owner: Oliver Tomlinson  
Falconer: Oliver Tomlinson  
Trainer: Oliver Tomlinson  
Breeder: Karl Jennings

Qualifying Time..... Final.....

## HUNT RACE ENTRIES CONTINUED



Name: **Piggy Twinkles**  
Species: Gyr  
Sex: Male      Year: 2020  
Ring No: Al 2460 Wathba A

Team Name: **Alwathba Falcons**  
Owner: Alwathba Falcons  
Falconer and Trainer:  
Henry Selby & Shane Griffiths  
Breeder: Alwathba Falcons

**Qualifying Time**..... **Final**.....



Name: **Beca**  
Species: Gyr x New Zealand Falcon  
Sex: Female      Year: 2020  
Ring No: 4009FOXW

Team Name: **Fox Falcons**  
Owner: Dr Nick Fox OBE  
Falconer: Fox Falcons  
Trainer: Fox Falcons  
Breeder: Fox Falcons

**Qualifying Time**..... **Final**.....

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