



Worthing International Birdman
Worthing Town Centre Initiative
2nd Floor
7 Chapel Road
Worthing
West Sussex BN11 1EG
United Kingdom

Dear Prospective Birdman or Birdwoman,

Worthing International Birdman
Saturday & Sunday 18th & 19th August 2012

Thank you for your interest in taking part in the 2012 Worthing International Birdman competition.

Please find enclosed the competitor information pack and entry form; this will need to be completed and returned to the above address at your earliest convenience. The closing date for entries will be **Friday 19th May 2012** allowing the selection of competitors and confirmation of a place to be communicated in time to prepare for the competition.

The Serious Competitors will be competing over both days of the Worthing International Birdman for the chance to win the **Jackpot prize of £10,000**. However there are many guaranteed prizes that will definitely be won over the weekend.

For safety reasons there is a maximum of 2 flyers per entry; however the Kingfisher entries may include 1 helper in their performances prior to flying.

There is a limited number of Aviators each day and entry is not guaranteed until written confirmation is received from the organisers.

Good Luck!

Sharon Clarke
Worthing Town Centre Manager



Competitor Information Pack 2012

Classes & Descriptions

<u>Serious Classes</u>	<u>Prizes</u>
<p>Condor Class</p> <p>The Condor Class is for modified hang gliders or similar craft where the wingspan does not exceed 30ft (9.14 metres). Condor Competitors are allowed two attempts, one on each day of the competition. Those competitors who do not fly on both days will miss the opportunity to accumulate points which is the mechanism for determining the Class Prizes. The Jackpot distance for this class is a flight exceeding 100m over the prescribed Jackpot course.</p> <p>Leonardo da Vinci Class</p> <p>The Leonardo da Vinci Class is for self/team-designed and built innovative craft where the wingspan does not exceed 30ft (9.14 metres). Leonardo Competitors are allowed two attempts, one on each day of the competition. Those competitors who do not fly on both days will miss the opportunity to accumulate points which is the mechanism for determining the Class Prizes. The Jackpot distance for this class is a flight exceeding 100m over the prescribed Jackpot course.</p> <p>Aviators may elect to change classes and aircraft on the first day but must remain in their changed class. Judges will inspect craft and reserve the right to move competitors into the most appropriate class following this inspection. Aviators in the serious classes will fly in the same time frame after the Kingfisher Class so they fairly experience similar weather conditions.</p> <p>There will be equal money prizes for 1st, 2nd, 3rd, in each class, decided on total points gained over both days.</p>	<p>1st £750</p> <p>2nd £400</p> <p>3rd £300</p> <p>1st £750</p> <p>2nd £400</p> <p>3rd £300</p>

<u>Fun Classes</u>	<u>Prizes</u>
<p>Kingfisher Class</p> <p>The Kingfisher Class is for fun flyers and is a great way to earn money for charity. Individuals or teams of two can enter this category; the prizes are not awarded for distance but for the entertainment value of the flight, craft and costumes.</p> <p>Prizes will be awarded to the most entertaining fancy dress or comic entrant in this Class. Points will be given for entertainment value. A panel of judges will allocate marks to the costume and props, the pre-launch routine to music and crowd reaction.</p> <p>The Entry in this Class which, in the opinion of the judges, achieves 'the funniest moment' will be awarded a special Trophy.</p>	<p>1st £500</p> <p>2nd £250</p> <p>3rd £100</p>
<u>Other Prizes</u>	<u>Prizes</u>
<p>2012 International Birdman</p> <p>This Prize will be awarded to the competitor in the Leonardo or Condor Class who achieves the furthest individual flight during the competition.</p>	<p>£1,000</p>
<p>Longest in the Air</p> <p>Awarded to the Aviator in the eligible classes who remains in the air the longest time. This will be paid at £15 per second aloft with a maximum prize of £250 for a flight of 16 seconds or Longer.</p>	<p>Maximum Prize £250</p>
<p>Jackpot Prize</p> <p>For the furthest flight <u>exceeding the measured</u> 100m; this can be achieved on either day of the competition. This prize is open to Aviators in the Condor and Leonardo da Vinci classes only. If more than one aviator exceeds 100m then the Jackpot will be awarded to the aviator who achieves the furthest distance. There will only be one Jackpot prize on offer if 2 or more Aviators achieve the same distance then the prize will be shared. This prize will only be awarded if a challenge distance is exceeded and will be increased annually if not won.</p>	<p>£10,000</p>

Benchmark Athlete	
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One Athlete each day will be selected to set the benchmark used to determine if an Aviator has achieved flight. There are no prizes for the Benchmark Athletes but this is an opportunity to take part in the event without the need for lots of preparation.	
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Notes

- The £10,000 Jackpot is only awarded if one or more aviators in the eligible classes exceed the measured 100m. If 2 or more aviators achieve the same distance over 100m the prize will be shared. If the Jackpot prize is not won it will rollover year on year.
- In the event of any distance ties in the Leonardo da Vinci or Condor classes the longest time in the air achieved will decide the points awarded. In the event of a 'dead heat' in either class, equal place points will be awarded with the next highest scoring entrants dropping one place. In the event of any ties in the Kingfisher Class, and all other Classes and Competitions connected with the event, the prizes will be shared.
- The Worthing International Birdman Trophy will be awarded to the Aviator who achieves the furthest flight on either competition day along with a £1,000 prize.
- A special award will be made to all competitors who achieve a distance greater than that set at the beginning of each day of the competition by the Benchmark athlete leaping into the water.
- The Worthing Town Centre Initiative reserves the right to amend the above Classes and prizes.
- To enable aviators to raise funds to develop their craft a reasonable amount of advertising will be permitted on the clothing and craft.

Worthing International Birdman 2012 Application Form

Competitor Name(s).....

Company Name:
(Corporate Flyers only)

Class you wish to enter (See Rules and Regulations for further information)
PLEASE TICK ONE BOX

Please Tick	CLASSES	DEFINITIONS
	Condor Class	Serious Class for modified hang glider and similar craft max 30ft wingspan
	Leonardo da Vinci Class	Serious Class for self/team designed & built craft max 30ft. wingspan
	Kingfisher Class	Comic / Colourful / Charitable / Entertaining Entries
	Benchmark Athlete *	To set the distance to determine if flight has been achieved (FREE ENTRY)

Please enclose your entry fee with your application; this will be returned if a space is not available for you.

Entry fee enclosed – Please Tick: 1 Person £25 2 Persons £50

*No charge for Benchmark Athletes

Cheques made payable please to Worthing Town Centre Initiative.

Please also enclose a head and shoulders picture of each person who will fly.

One application needed per entry but if 2 persons are flying a signed indemnity will be required from both parties.

Changes to flying partners can only be accepted up to 14 days prior to the event

Serious Aviators will be entitled to two helpers on the platform to help manoeuvre the craft; however only the pilot(s) will be permitted over the flight line marked on the platform. One helper is permitted per Kingfisher entry regardless of the number of flyers; the helper can be included in the platform performance but cannot cross the flight line. **No one under the age of 16 years old will be permitted onto the platform or into the flight preparation area.**

Worthing International Birdman 2012 Indemnity Form Flyer 1

Personal Details (Please use BLOCK CAPITALS)

Title (please circle) Mr Mrs Miss Ms Other (please specify):

Forename: Surname/Family Name:

Address:

..... Post/Zip Code:

Telephone: Mobile:

Email: Date of Birth:

I enter this event at my own risk. I have read and agree to be bound by the rules of the Worthing International Birdman 2012 competition. I will not hold the Worthing Town Centre Initiative or any sponsor responsible for any accident, injury, loss or damage to myself or my property arising from participating in this event. If my application is successful I will be responsible for arranging my own personal injury insurance.

I understand that the Worthing International Birdman Event will be filmed and photographed by the media and personnel appointed by the Organisers and Sponsors. Footage and photographs will appear in the Press, on websites and be transmitted on television. Any filming / photographs will be kept and may be used by the Worthing Town Centre Initiative and Sponsors for promotional purposes.

Details submitted on this form will be retained on a database for this event and future events.

If you do not wish this to be the case please tick the box.

Signed..... Date.....

If entrant is over 16 but under 18 years of age a Parent or Guardian must also sign

Signed..... Date.....

Worthing International Birdman 2012 Indemnity Form Flyer 2

Personal Details (Please use BLOCK CAPITALS)

Title (please circle) Mr Mrs Miss Ms Other (please specify):

Forename: Surname/Family Name:

Address:

..... Post/Zip Code:

Telephone: Mobile:

Email: Date of Birth:

I enter this event at my own risk. I have read and agree to be bound by the rules of the Worthing International Birdman 2012 competition. I will not hold the Worthing Town Centre Initiative or any sponsor responsible for any accident, injury, loss or damage to myself or my property arising from participating in this event. If my application is successful I will be responsible for arranging my own personal injury insurance.

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Details submitted on this form will be retained on a database for this event and future events.

If you do not wish this to be the case please tick the box.

Signed..... Date.....

If entrant is over 16 but under 18 years of age a Parent or Guardian must also sign

Signed..... Date.....

About Your Craft/Costume

Name and describe your craft/costume (please use a separate sheet for any designs or further information that may support your application):

.....
.....

How long do you estimate it will take to make?

Who will build it?

Will it be sponsored (please give details)?

.....

Details of music to be used for platform performance

.....

Charity

Do you intend raising funds for a Charity or a good cause? YES NO

If Yes, which Charity or good cause?

.....

How much do you estimate raising? £.....

Any other information you would like included in the information we will be publishing prior to the event

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RULES AND REGULATIONS

1.0 Serious Classes

- 1.1 The £10,000 Jackpot Prize and the furthest distance and time aloft prizes are available to those entering the Condor or Leonardo da Vinci classes only.
- 1.2 The Leonardo da Vinci Class is for innovative, self-built and designed flying machines. The Condor Class is for modified hang gliders and aircraft of similar design.
- 1.3 A guide to determining whether an aircraft is entered into the Leonardo da Vinci Class or the Condor Class may be its means of control. If control of the aircraft is achieved principally through moving control surfaces or deforming the wings etc., directly or remotely, while the position of the Aviator's body remains largely unchanged, then the aircraft shall automatically qualify for the Leonardo da Vinci Class. If the aircraft is based on an A-Frame design and control is achieved principally by movement of the Aviator's body weight then the aircraft would normally qualify for the Condor Class, unless it has been designed and self-built from the first principles and is sufficiently different from hang gliders presently available on the open market.
- 1.4 Further advice on which Class to enter will be available through the Organisers will have expert help on hand to decide which Class is most appropriate and fair to all competitors if doubts exist.
- 1.5 All Aviators shall be allotted a 'launch window' of 5 minutes for the Serious Classes and 2 minutes for the Kingfisher Class. Weather conditions, tide and progress of the competition may mean these windows might have to be reduced; however, every effort will be made to avoid this happening. A clock display will show time remaining and a bell will sound when there is 1 minute left. Aviators who do not take off within their launch window without good reason will forfeit the right to receive any awards, including prize money.
- 1.6 The launch window countdown clock will commence once the Aviator is on the launch ramp and the GREEN flag is displayed. Competitors who launch without clearance will be disqualified from the competition. The countdown may be paused by the Organisers if the Aviator is hampered by events outside his control or where a safety issue arises.
- 1.7 Depending on the number of Kingfisher entries each day entrants in the serious classes may be granted more than 5 minutes to trim and launch their craft. Again the clock display will show the time remaining and warning will be given when 1 minute remains.
- 1.8 Aviators in the Saturday competition may decide to withdraw, either before the competition starts, or by withdrawing from the launch platform before their launch window expires. However, unless conditions on the day dictate otherwise, all entrants will be required to fly on the Sunday.

- 1.9 The Jackpot Prize will be awarded to the Aviator who, with his/her craft, flies the furthest **Forward Distance** inside the prescribed course and exceeds the challenge distance set, currently 100m. There will be only one Prize available and both days flights for entrants in the Leonardo da Vinci and Condor Classes are eligible. The prescribed course, which is at right angles to the take-off edge of the launch platform, will be marked by buoys at approximately the 50, 75 and 100 metre marks from the launch platform. All other prizes and points to decide the winners and placings will be awarded for Actual Distance flown. The Jackpot Prize will only be awarded should an aviator exceed the challenge distance as calculated using the events triangulation method.
- 1.10 Forward Distance flown is measured as the shortest distance from the take-off edge of the launch platform to an imaginary line that is parallel to the take-off edge of the launch platform and passes through the point at which the Aviator ceases to fly.
- 1.11 Actual Distance flown is measured as the shortest distance between the centre of the take-off edge of the launch platform to the point of splash down at which the Aviator ceases to fly.
- 1.12 Longest Time in the Air is measured to 1/10 second from the time that both the Aviator's feet/ wheels etc. leave the launch platform to the time that the Aviator ceases to fly.
- 1.13 The Aviator will be deemed to "cease to fly" when they stop moving forward, have any significant part of their legs or body immersed in the water, or when additional force is gained from any swimming stroke, push or jump from any obstacle.
- 1.14 Contact with the water by parts of the aviators body or craft will not count against a competitor during a flight and is discounted in all measurements. Video footage will be available to the Judges in the event of any dispute.
- 1.15 The Distances flown are measured using three electronic angle measurers and one theodolite set up on the 100 metre Jackpot line; the units use triangulation to accurately pinpoint the competitors' landing position. On splashdown the angles are recorded electronically by the three measurement stations and are entered into the Birdman computer which instantly displays the horizontal distance flown in any direction and calculates any small margin or error which can occur through fluctuating tide swell. Judges decisions are made solely on this published and proven method of measurement.
- 1.16 Organisers will not enter into any correspondence on measurements and results following the competition.
- 1.17 **Not permitted is the use of any of the following:** auxiliary lifting devices (e.g. kites, balloons, Para-gliders [sail wing], assistance from other sources (e.g. cars, boats, rockets, catapults), or stored energy devices for propulsion.
- 1.18 Competitors may use a flying machine with fixed, rotary, or ornithopter (flapping) wing design but **the wing span may not exceed 30ft (9.14 metres).**

1.19 The flying machine may be propelled by an airscrew or other device, driven through a system of gears, pulleys or chains.

1.20 The flying machine must be powered and launched by the sole efforts of the entrant(s).

2.0 Jackpot Prize

2.1 To achieve the £10,000 Jackpot Prize the aviator must be in an eligible class and fly the furthest beyond the challenge distance of 100m. If 2 or more aviators achieve 100m then the winner will be determined by the aviator who achieves the longest distance. The Aviator's shoulders will need to pass the 100m line to for the Jackpot distance to be achieved. The forward distance measurement as defined in 1.9 will be the only measurement considered by the judges on determining if the Jackpot distance has been achieved.

3.0 Kingfisher Class (entertaining / Comic / Fancy Dress – non-serious entries)

3.1 The judges will be looking for humour, originality or topicality in the costume, props and pre-flight routine. Although not essential, some sort of prop 'flying machine' is encouraged as part of your ensemble and will usually guarantee press coverage. Entries will be judged prior to launch and before the safety briefing therefore it is important that aviators arrive in advance of the check in desk closure **1 hour 15mins** before the start of flying. Pre-flight routines will take place on the launch platform; these routines can include dance, song or mime but **may not exceed 60 seconds** in duration. Please ensure that your routine only takes place within the guarded part of the platform, any competitors putting themselves, or their helpers, at risk by performing outside of the prescribed area will either have points deducted or will be disqualified. Pre-recorded music or details of the track you wish to perform to will need to be provided on CD or other digital storage device in advance of the event. Entrants not providing music details will have a track selected for them by the organisers. Marks will be awarded by the judges for costume, pre-flight routine, the launch, flight, landing and crowd reaction.

4.0 All Classes

4.1 A £25 entry fee towards safety arrangements and administration is payable for a single entrant and a fee of £50 payable for two aviators. Fees must be received with your application. Monies will be returned if a place is not found for you. The organisers reserve the right to refuse any sponsorship which may, in their opinion, contravene any agreements made with other

4.2 There is a maximum of two competitors for each attempt. The fee for two competitors taking part in the same entry is £50. Please enclose a head and shoulders photograph of each competitor.

4.3 Worthing Town Centre Initiative will take all reasonable steps to provide a safe venue and take reasonable care in organising the event. In particular:

4.3.1 **Pre Flight Safety Briefing**

Attendance at the pre-flight safety briefing is a condition of entry. Any competitor missing the safety briefing for whatever reason will not be permitted to compete. All competitors must comply with the instructions given at the briefing.

4.3.2 **Safety Checks**

If wings are attached to the body of the competitor, a quick release device is required and will need to be demonstrated and approved by Worthing Town Centre Initiative or its appointed Safety Officers before clearance to fly is granted.

Sometimes the design of your flying machine may present a risk of injury through colliding with, or falling on, parts of your own craft, particularly during a hard landing. Protective measures such as foam padding on potential contact areas will be required if in the opinion of the organisers such a risk exists. Some lifejackets which might 'ride up' on contact with the water are not advised for protection in this regard. Headgear with simple chin straps are also not advised for the same reason.

4.3.3 Worthing Town Centre Initiative will appoint Judges and Safety Officers and their decision with regard to the safety of craft, permitting competitors to fly and the awarding of prizes will be final.

4.3.4 The number of entries will be fixed by the Worthing Town Centre Initiative using a calculation of the depth of water.

4.3.5 **Buoyancy Aids**

A limited number of buoyancy aids will be provided by the organisers, but wearing buoyancy aid is not compulsory and the decision of the competitor(s). Competitors may wear their own buoyancy aids but these must comply with British Standards and will be subject to inspection and the approval of the Worthing Town Centre Initiative or its appointed Safety Officers. If you need to use buoyancy aids please ensure the Worthing Town Centre Initiative are informed of this at least 2 weeks prior to the event.

4.3.6 **Launch Platform**

Only competitors and their registered helpers will be allowed on the launch platform. A handling team will be provided to carry craft up the ramp to the launch platform and hold the craft in position. The handling team may run forward supporting the craft, but pushing will not be allowed except by the competitor. No persons under the age of 16 will be permitted onto the platform or into the flight preparation area.

The launch platform is west facing, there will be no provision made for an east facing launch. The run-up distance available will be approximately 4.58m (15 feet). The width of the platform will be approximately 3.66m (12 feet), and approximately 3.66m (15 feet) above the pier decking. The

average height above sea level during flying will be approximately 10.67m (35 feet). Competitors must take instruction from the Platform team and Aviators deemed to be launching in a direction that may cause injury to the competitor or to the public will not be cleared for flight.

4.3.7 **Wind Conditions**

NO flying attempts will be allowed while the wind speed continually exceeds 20 knots.

- 4.4 The competitor will take reasonable care for his/her own safety. In particular:
- 4.4.1 Competitors **MUST** be able to swim at least 50 metres unassisted.
 - 4.4.2 Competitors must heed the instructions of Stewards, Marshals and Safety Team at all times. Worthing Town Centre Initiative reserves the right to disqualify competitors who fail to comply with such instructions.
 - 4.4.3 Competitors should take adequate measures to protect themselves and their property from accident, injury, loss or damage.
 - 4.4.4 Competitors are advised to bring warm clothing to wear over their costume, whilst awaiting their turn to launch. It is also advised that you are met from at the Beach Office area following your flight by someone with shoes and a towel.
- 4.5 All competitors must be over 16 years of age. Any competitor under 18 years must have written parental or Guardian consent (see Entry Form). Parents or Guardians will be contacted to confirm their consent.
- 4.6 Aviators will be marshalled by the Launch Captain and must take off within their allotted Launch Slot which will be communicated each day:
- 4.6.1 Maximum time slots for launching craft are as follows –
 - Serious Classes – 5 minutes
 - Kingfisher Class – 2 minutes, including up to 60 seconds of music
- 4.7 All competitors must satisfy the Judges that their attempts are in accordance with the letter and spirit of the Rules of the Worthing International Birdman.
- 4.8 Competitors are encouraged to raise funds for charities and good causes through sponsorship. Street collections by competitors and their teams are not permitted. The Charities being supported will usually provide sponsorship forms for use.
- 4.8.1 Whilst all competitors are encouraged to use the event to raise funds for good causes, particularly in the Kingfisher Class, this is not insisted upon. The organisers appreciate that considerable time, effort and expense go into the construction of quality flying machines, comedy props and routines. Consequently as much help as possible will be given, where appropriate, to publicise Aviators' own supporters.

- 4.9 Competitors that are considered to be under the influence of alcohol or in the view of the judges are considered to be in an unfit state will not be permitted on to the Launch Platform and will forfeit their right to enter.
- 4.10 Competitors will be permitted helpers on the Launch Platform.
Serious aviators can have 2 helpers
Kingfishers can have 1 helper

The organisers reserve the right to ask helpers to wear a buoyancy aid or harness.

4.11 The Organisers reserve the right to refuse entry to any competitor wearing inadequate or unsuitable attire.

4.12 **The Worthing Town Centre Initiative or Judges reserve the right to alter/amend the Rules at any time prior to the competition commencing.**

4.13 The Judges' decision will be final in relation to all matters.

THE ORGANISERS RESERVE THE RIGHT TO REFUSE ANY ENTRY AND ALTER, CANCEL OR ABANDON THE COMPETITION AT THEIR DISCRETION. NO REFUNDS WILL BE MADE TO COMPETITORS IF THE EVENT IS ABANDONED WITHIN 48 HOURS OF THE COMPETITION START TIME.

Note 1: Access to the Launch Platform is via a section of the Pier walkway which is restricted in terms of width. Any craft with a large wing span will have to be carried to the area adjacent to the Launch Platform and assembled.

Note 2: The dimensions of the Launch Platform given in 4.3.6 above are approximate and intended to aid competitors' preparations. It is not a detailed specification.

Note 3: All contestants will be responsible to take out their own personal accident insurance.

ENTRY FORMS AND ALL CORRESPONDENCE PLEASE SEND TO-

**INTERNATIONAL WORTHING BIRDMAN
Worthing Town Centre Initiative
2nd Floor
7 Chapel Road
Worthing
West Sussex
BN11 1EG 01903 203252**

**FOR FURTHER INFORMATION PLEASE VISIT:
www.worthingbirdman.co.uk or email
sharon@worthingtowncentre.co.uk**