



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 14th & 15th August 2010

Thank you for your interest in taking part in the 2010 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 30th April 2010** allowing the selection of competitors and confirmation of a place to be communicated in time to prepare for the competition.

The **Leonardo da Vinci & Condor Classes** for the serious contenders will be competing over both days for the chance to win the **Jackpot prize of £30,000**.

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



Worthing's flying high!

Competitor Information Pack 2010

Classes & Descriptions

	Leonardo da Vinci Class	Condor Class
<p>Leonardo da Vinci Class and Condor Class</p> <p>Both classes will take place over both days. The Leonardo da Vinci Class is for self/team-designed and built innovative craft and the Condor Class is for modified hang-glider and similar craft. Each Aviator is allowed two attempts, one on each competition day. Aviators in the Leonardo da Vinci Class only may choose not to launch on the first day if conditions are unfavourable, but will lose the Saturday points towards their total. All competitors must attempt a flight on the Sunday if conditions permit. With the permission of the Organisers, Aviators may elect to change classes and aircraft on the first day but must remain in their changed class. Aviators in both classes will fly in the same time frame after the Kingfisher Class so they fairly experience similar weather conditions. There will be equal money prizes for 1st, 2nd, 3rd, in each class, decided on total points gained over both days. The Condor class historically has more entrants and so a 4th and 5th Prize have been added to this category.</p> <p>The International Birdman Trophy will be awarded to the Aviator who achieves the longest flight over the both days of the competition. The winner will also receive additional prize money of £500.</p> <p>The order of flight for Aviators on the first day will be determined by a random draw which will be held in public at least 2 weeks before the event. The Condor & Leonardo Class Winners, along with the aviator with the longest flight, from the previous year's competition will be able to choose to launch <u>next</u> during the first days flights – if more than one aviator requests the same time slot the distance achieved in the previous year will determine priority.</p> <p>Points will be awarded for the top eight placings only in each class, according to actual distance flown. The Furthest will be awarded 12 points. 2nd Furthest 10 points. 3rd Furthest 8 points, 4th Furthest 6 points, 5th Furthest 4 points, 6 Furthest 3 points, 7th Furthest 2 points and 8th Furthest 1 point.</p> <p>In the event of a tie the Aviator who achieves the longest time in the air over both days shall be the winner of their Class. If only one flight is possible for any reason the points achieved for that one flight shall be the final score.</p> <p>The order of flight on the second day of competition in both classes will be decided by the first day distances, with the furthest flight being last to launch and the shortest flight being the first to launch.</p> <p>When distances are tied the longest time in the air will take the later launch time. The three Aviators achieving the longest flights on the first day of the competition shall be allowed to change their designated launch slot at any time on the second day if they wish, choosing to launch <u>next</u> during the serious Classes.</p> <p>If two or three Aviators request the same launch time slot the Aviator who achieved the longest flight on the first day has first choice.</p>	<p>1st £500</p> <p>2nd £400</p> <p>3rd £300</p>	<p>1st £500</p> <p>2nd £400</p> <p>3rd £300</p> <p>4th £200</p> <p>5th £100</p>

<p>Longest Time in the Air Leonardo da Vinci Class and Condor Class Only</p> <p>Awarded to the Aviator who remains aloft for the longest period.</p> <p>For every full second in the air up to and including 19 seconds.</p> <p>For 20 full seconds or more in the air. A maximum purse of £750 is available for this prize.</p>	<p>£30 Each Second Aloft</p> <p>Max. £750</p>
<p>Longest Flight</p> <p>Awarded to the Aviator who achieves the longest flight over the both days of the competition</p>	<p>£500</p>
<p>Jackpot Prize</p> <p>For the furthest flight exceeding 100 metres achieved on either day of the competition, open to Aviators in the Leonardo da Vinci Class and Condor Class only.</p>	<p>£ 30,000</p>
<p>Kingfisher Class</p> <p>The Kingfisher Class is open 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 alone but also for the entertainment value of the flight, and craft and costumes.</p> <p>First and Second Prizes will be awarded to the most entertaining fancy dress or comic entrant in this Class. Points will be given for entertainment value, both for costume and props, the pre-launch routine to music and crowd reaction. A panel of judges will decide these prizes and their decision is final.</p> <p>The Entry in this Class which, in the opinion of the judges, achieves 'the funniest moment' will be awarded a Trophy.</p> <p>Peoples Choice Award</p> <p>The public will be invited to vote on their favourite Kingfisher entry and the entrant receiving the most votes will be awarded a prize and Trophy</p>	<p>1st £500</p> <p>2nd £250</p> <p>£100</p>

<p>Corporate Class</p> <p>The Corporate Class is open to individuals or teams of two who wish to compete as fun flyers. A prize and Trophy for the best Corporate Entry will be awarded using the same criteria as the Kingfisher Class.</p>	<p>£500</p>
<p>Benchmark Athlete</p> <p>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.</p>	

Notes

- The £30,000 Jackpot Prize will be awarded to the Aviator achieving the longest distance **exceeding** 100 metres on the Jackpot course. In the event of a distance tie, the Aviator whose winning flight was longest aloft will win. In the event of a 'dead heat' after taking into account all these elements then the Jackpot Prize will be shared between the winners. The Jackpot prize will only be awarded if 100 metres is exceeded.
- In the event of any distance ties in the Leonardo da Vinci and 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, engraved and held for one year, will be awarded to the Aviator who achieves the longest distance flight on either competition day.
- 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 an athlete leaping into the water.
- The Worthing Town Centre Initiative reserves the right to amend the above Classes and prizes.
- Kingfisher entries will not be permitted to advertise for commercial organisations; however branding for charities and not for profit organisations will be acceptable. Corporate entries will be able to advertise their organisations and will be included as a sponsor for the event.

Worthing International Birdman 2010 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 2010 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 2010 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 2010 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 International Worthing 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.....

Supporting Information for the entry

Please use BLOCK CAPITALS and supply as much information as possible as this will be used to write your Media profile which will be used by the Press and Commentators.

About You

Occupation (s)

.....

Do you have a background in Aviation (please give details)?

.....

.....

Would you be prepared to appear on TV, radio, Press launches etc? (please circle a response)

YES

NO

A press pack including entrants name, costume and contact number are circulated to the media if you do not wish your details included please tick here

The International Birdman Event

Have you previous experience as a Birdman/Birdwoman?

YES

NO

If Yes, please state years entered, best distance and list prizes

.....

If No, please state how you heard about International Birdman and why you wish to enter?

.....

.....

.....

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? £.....

Please note that Kingfisher entries can promote Charities or Not for Profit organisations whilst flying but commercial organisations can only be advertised on corporate entries. Organisers reserve the right to cover corporate advertising on Kingfisher flyers.

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 Leonardo da Vinci and Condor Classes

- 1.1 The £30,000 Jackpot Prize and the furthest distance and time aloft prizes are available to those entering the Leonardo da Vinci Class and Condor Class 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 Leonardo da Vinci and Condor 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 Condor and Leonardo da Vinci classes may be granted more than 5 minutes to trim and launch their craft. Again the clock display will show the time remaining and a bell will sound at 1 minute remaining.
- 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 100 metres. There will be only one Prize available and both days flights are eligible for entry. 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 Forward distance measurement of 100 metres 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 1/1000 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 theodolites that are set up level with the launch platform and on the 100 metre 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 £30,000 Jackpot Prize of flying the furthest beyond the 100 metre mark, the Aviator's head and shoulders must cross over the challenge distance inside the prescribed course. 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 TV 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. Pre-recorded music or details of the track 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 £50 entry fee towards safety arrangements and administration is payable for a single entrant and a fee of £75 payable for two aviators. Fees must be received with your application. Monies will be returned if a place is not found for you. A fee of £250 is payable where a craft is clearly Trade sponsored and performing an advertising role whilst in the air. The organisers reserve the right to refuse any Trade entries which may, in their opinion, contravene any agreements made with other Official Sponsors of the event or have not paid the corporate entry fee.

4.2 There is a maximum of two competitors for each attempt. The fee for two competitors taking part in the same entry is £75. Please enclose a head and shoulders photograph of each competitor.

4.3 Worthing Town Centre Initiative will take every 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 what ever 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 being cleared to fly.

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 a buoyancy aid 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.

The launch platform is west facing, there will be no provision made for an east facing launch point this year. 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 and Marshals 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.
- 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 –
Leonardo da Vinci Class and Condor Class – 5 minutes Kingfisher Class – 2 minutes, including up to 60 seconds of pre-recorded sounds.
- 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; the Condor and Leonardo da Vinci categories can have 2 helpers and the Kingfisher and

Corporate flyers 1 helper per craft. Helpers may need to sign an indemnity form. If the organisers feel this is appropriate and they will not be permitted into the flying zone. The organisers reserve the right to ask helpers to wear a buoyancy aid.

- 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 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