

# SKYDIVE

## THE MAG



APRIL 2010  
[skydivemag.com](http://skydivemag.com)

The British Parachute Association Magazine

# Come skydive in Central Spain -

## Beginner and intermediate courses available

**The Freefall University** is an independent skydiving school based in Ocaña 20 minutes south of Madrid. We are located minutes away from the modern city of Aranjuez which has all the nightlife you can handle. We have our own equipment, qualified rigger, British Instructors, facilities and professional ethic.

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# FREEFALL UNIVERSITY

\* The FFU does not book your flights, when you book with us, we will advise of the flight cost and our ATOL protected travel agent will call you to make the flight reservation.

# SKYDIVE THE MAG



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**Your Mag team has been working hard the last few months and are proud to serve you a delicious banquet of unparalleled proportions**

As well as a fresh new look we have added regular columns to the menu and made it easier to find your way around. Your appetiser is the News Zone and BPA Zone, to keep you up to date, followed by a new Review Zone section, where readers review skydiving gear.

This leads on to a feast of fabulous features, as packed with stunning photos as ever but with a more funky design. An extra-special article, *3D Vision* is fitting for our relaunch, seeing old favourites through new eyes. In a world first, Bruno Brokken has created 3D skydiving images; just pop on the pink Cypres glasses kindly supplied by Airtec and the skydivers will jump out of the page. People in the Sport will titillate your tastebuds between the sumptuous courses perfectly cooked by Kate Cooper-Jensen, Hayabusa, and Mikey Carpenter.

For dessert, we have Kit Zone, with Rob Colpus rounding up all the latest product releases, followed by Safety Zone, a new column by Liz Ashley including incident reports and safety tips. Club Zone is your coffee and cream, then a new-flavoured Drop Zone Feature. Event Zone ends your meal with chocolate; here we highlight some of the most interesting events coming up for the season. The plate is finally wiped clean by the Puzzle, plus a quick look back in the archives before whetting your appetite for what's in store next issue.

If you're still hungry for more, we also have an amazing new presence online, check out skydivemag.com for news, a detailed international events calendar which you can personalise to suit your areas of interest and loads of space for every club to upload extra photos that we couldn't quite squeeze in The Mag.

Bon appetit!

*Lesley*

## SUBSCRIPTION FORM

We have lots of overseas subscribers, non BPA members who get The Mag because they like it. If you take out a magazine subscription and subsequently join the BPA as a full member your magazine cost is deducted from your BPA membership fee so you don't pay any extra.

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Some of the photos in this magazine may show skydivers without helmets or altimeters, or otherwise not obeying the BPA Operations Manual, in which case they were taken abroad. In the UK it is mandatory to wear a helmet and altimeter for obvious safety reasons. Students within The Mag are complying with BPA regulations.

Skydiving training and systems vary in different countries. If you are considering taking a skydiving course or qualification abroad, we recommend you first establish its relevance in the UK, through your CCI.



### Cover Photo:

The Euro Sequentials at Skydive Spain, photo by Kuri of Babylon shows a 4-way head-down star flying successfully through a 10-way star



# CONTENTS

## IN THIS ISSUE

Welcome	1
Subscribe	1
News Zone	5
BPA Zone	9
Review Zone	11



Big-ways for All	14
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Euro Sequentials	19
Zero to Hero	28



People in the Sport - Brian Vacher	33
3D Vision	36
Kit Zone	43
Safety Zone	47
Club Zone	51
DZ Feature - Skydive London	66
BPA Drop Zones	69
Event Zone	71
Advertisers Index	79
Puzzle	80
Time Zone	80

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Dates - 16 - 20 June 2010

Location: Empuria Brava

More Organizers - now including Volare and Skywalkers

More Altitude - lifts to 14,000'

More Energy - intense, 5 day event



photo par: [babylon-freefly.com](http://babylon-freefly.com)

Vallaud - Volare - Philippe Vallaud - Skywalkers - Fabian Raidel - Pete Allum - Philippe Vallaud - Skywalkers - Aria - Fabian Raidel - Pete Allum - Philippe Vallaud - Skywalkers - Volare - Philippe Vallaud - Skywalkers



LUCIE FENTON >>

For the latest news, visit the News Zone at [skydivemag.com](http://skydivemag.com)



## New DZ at Bridlington



AFF over Bridlington by Nick Davison

There has been a dropzone at Bridlington, on and off, for the last 40 years. 'Skydive Brid' closed in November 2008, after a fire destroyed the DZ. Well-known skydiver and advanced instructor Ray Armstrong is now the new DZ operator, having bought the centre. Ray has been successful in becoming Affiliated with the BPA and plans to reopen Bridlington dropzone from 1 April 2010. They will open every weekend flying a Cessna 206, and have another one available for boogies. Nick Davison will be on hand for coaching. They have plans for their first boogie to celebrate the 75<sup>th</sup> anniversary of the Yorkshire Birdman's first jump, which he did over East Leys Farm in 1935. The views at this dropzone are breathtaking so it's well worth a visit.

[skydivegb.com](http://skydivegb.com)

Andy Wright



## Open Bids for 2012 Mondial



The world air sports federation has opened bidding to host the 2012 FAI Parachuting Mondial. The 'Mondial' is a combination of every type of parachuting sport (except Paraski and Canopy Piloting), a total of four events for teams and individuals in FS, Artistics, CF and Style & Accuracy. The host gets full rights to income from ticket sales and/or sponsorship. TV coverage can be expected. The chosen venue will be close to a large populated centre and all events will take place at a central airfield or open area. Basic requirements are a grass landing zone 100 x 150m, spectator facilities, giant screen for live footage, parking and accessibility by public transport. The winning dropzone will be required to accommodate, feed and transport 600-700 athletes and officials.

During preparation of the bid, bidders may request guidance and advice from FAI/IPC in matters where IPC has specialised knowledge (e.g. venues, sports, schedule, etc.). Queries should be addressed to the IPC Sporting Code Working Group (via FAI at [info@fai.org](mailto:info@fai.org)). Final bids need to be sent to the IPC President, Graeme Windsor, by 30 June 2010.

[fai.org/parachuting](http://fai.org/parachuting)

## Mars Refuel Sports Funding



Mars Refuel Drink Fund has relaunched for 2010, giving away £10,000 a month from 1 March to 31 May to a variety of sporting individuals and teams. The thinking behind the fund is to overcome some of the barriers to exercise by offering £500 to selected applicants. Since its launch in 2008 the fund has attracted 9,068 applicants and helped 8,304 people by giving them cash to help with anything sporting including equipment, training and clubhouse restoration. Applicants must be UK residents, over 12 years old, and only one application is to be made per team, club or organisation. In December 2008, *Chix Trix* (Kirsten McAndrew and Laila Neathercoat), winners of the 2008 Freely B Nationals, were awarded funding for training through this scheme.

[marsrefuel.com](http://marsrefuel.com)



## Wii Love Skydiving

Nintendo Wii has released *Wii Sports Resort*, which includes a remarkably realistic skydiving game. Your Mii jumps out of a plane and has to link up with other Miis and have your photos taken to score points. You twist and turn the controller to move your skydiver across the sky. If you get your teammates' faces in the photos you get extra points. You can fly on your front, on your back and even head-down with a bit of practice! This game is fun and, as a skydiver, you'll love all the camera geeking!

[nintendo.co.uk](http://nintendo.co.uk)



## Online Judge Training

The Judges' Committee of the IPC has produced an Online Judging Course created as an introduction to all aspects of judging. The elements included are: Rules and Regulations; Disciplines (currently FS and Artistics, CP coming soon); and more than 50 videos of previously judged skydives, with notes on criteria, from international meets. There is a question section to test you have absorbed all of the information.

Even if you are not interested in being a judge, taking some time to read through the notes on scoring criteria will help you understand what the judges are looking for, which will be helpful for training and putting together routines in Artistics.

[ipc-judging.org.uk](http://ipc-judging.org.uk)



# REVIEW

## The Anatomy of Sports Injuries

By: Brad Walker

Cost: £16.99

From: amazon.com

Reviewer:

Liz Boniface,  
Health Professional

**One Liner:** A guide to understanding sports injury and how to reduce the risk

**VFM:** 8/10



One of the major drawbacks of exercise/sport is the risk of injury, and this is a big problem in skydiving. If you haven't experienced a skydiving injury, I'm sure you have witnessed or know someone who has. This book provides an insight into what you could be doing to help prevent injuries.

It starts with an explanation of how sports injuries are classified, with diagrams illustrating the physiology. There is then an excellent chapter on how to prevent sports injury including: warm-up, cool-down, FITT principles (frequency, intensity, time/type of exercise principles), overtraining, fitness and skill development, stretching and flexibility, and so on. This is a practical guide to how a training programme can influence the risk of injury, both positively and negatively. For example, 'exercise breaks the body down, while it is the rest and recovery that makes the body strong and healthy. Improvements only occur during the time of rest'. This statement highlights how important it is to have a balanced exercise and skydiving training schedule that includes rest. A common mistake is overtraining and not allowing the body to rest sufficiently. The book explains how to develop a balanced programme and discusses symptoms of overtraining.

The next chapter goes through sports treatment and rehabilitation. Specifically, what to do once you have an injury and how to regain fitness afterwards. It explains each stage from the first three minutes, to how to improve over the next three months. The rest of the book goes through a raft of different types of injury, from simple blisters to complex shoulder damage. An overview of each injury shows anatomy and physiology, causes, symptoms, potential complications, immediate treatment, rehabilitation and prevention, and long-term prognosis. There are examples of exercises to promote recovery, however the diagrams are quite small and difficult to follow. Furthermore some of the examples show poor technique so be very careful about following the rehabilitation exercises; however these are the only criticisms I have.

**Warning:** This book is only a guide. In the case of an injury, I can't stress enough how important it is to get a professional diagnosis and treatment programme to ensure a speedy recovery. What tends to happen is that you get one injury, which then leads to a succession of further injuries. However, if you want to increase your knowledge around injury prevention, and understand the risks involved with potential injuries, then this book is really going to help.

# NEWS ZONE

For the latest news, visit the News Zone at [skydivemag.com](http://skydivemag.com)



## Sugatandem

Amelle Berrabah, from the chart-topping pop group The Sugababes, did a successful tandem with the Red Devils at Netheravon. Amelle, 25, was raising money for Cancer Research UK in memory of her dad who died from the disease eight years ago. She commented after the jump, "I'd definitely do it again, it was amazing and out of this world."



## Location, Location Skydiver Location

Are you looking for your dream house? Phil Spencer and Kirsty Allsopp (pictured) are back for a brand new series of *Location, Location, Location* and are specifically looking for skydivers interested in buying a new house. This show is one of Channel 4's most successful and longest running programmes, now in its tenth year.

[location@iwcmedia.co.uk](mailto:location@iwcmedia.co.uk)  
0141 353 8409

## Safety Tip

Whenever you get into the aircraft make sure you know the landing direction in relation to the sun, this will help you make early decisions if you have a bad spot

## Supporting Skydivers in their Day Jobs

A US skydiver, Eric Lubow, has created a website containing a worldwide business directory for skydivers and their day jobs. His aim is to support skydivers and bring the community closer together. The database includes manufacturers, architects, accountants, printers and many more services. Eric invites skydivers to add their business details and tell their friends to do the same.



[supportskydivers.org](http://supportskydivers.org)





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Photo & artwork Willy Boeykens

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Martin Shuttleworth >>

For the latest news from the BPA, visit [bpa.org.uk](http://bpa.org.uk) or phone 0116 278 5271



# Coaching Roadshows

Minutes of BPA meetings once ratified may be downloaded from the BPA website

Don't miss out on these fantastic events. Absolutely everyone is welcome, so enjoy the benefits of being coached for free by some of our very best coaches and competitors. Make a date in your diary now.

*The Bad Lieutenants*



### Freely 24-25 April Cark

Al and Pixie Hodgson:  
Freestyle National Champs

### 29-30 May Hibaldstow

Dan Parker and Frazer Smith:  
World head-down record holders

### 24-25 July UK Para, Beccles

Frazer Smith and Chris Brook:  
World & British head-down record holders

### 25-26 Sept Dunkeswell

James Davies & Matt O'Riordan: The Bad Lieutenants!

*Weed Stoodley, Artistics Rep*

### CF 29 April-2 May Dunkeswell

2-11 April  
**Black Knights**  
(During their first progression open week)

### 29-30 May Hibaldstow

### 16-18 July Dunkeswell

### TBC UK Para, Sibson

*Steve Saunders, Comps Chair and CF Rep*

### FS 8-9 May UK Para, Beccles

Joel Gluth, Martin Soulsby, Richard Head and Laura Head

### 17-18 July Langar

Coaches TBC

*New dates are being arranged. Keep checking the brand-new website at [skydive-mag.com](http://skydive-mag.com) for details*

## NEWS IN BRIEF

### Renewal Reminder

To those members who have renewed - thank you! To those who haven't, last year's subscriptions expired on 31 March and must be renewed to jump on, or after, 1 April. A renewal form was in the February issue of *Skydive Mag*. You can download the form from the front page of the BPA website or call the office. The June *Skydive Mag* will only go to members who are current when we run the mailing data in May.

## COMPETITIONS

### 2010 World Championship Rules Online

World Championship 2010 rules are available for download at: [fai.org/parachuting/documents/sportingcode2010](http://fai.org/parachuting/documents/sportingcode2010) Any changes will be incorporated into the BPA's own rules, which the discipline reps were working hard on as this issue went to press: [bpa.org.uk/competition/national](http://bpa.org.uk/competition/national)

### Competitions Committee Update

We are looking forward to WPC for all the disciplines during August and wish all taking part the best of luck.

If any of the holders of the trophies or cups issued at the Nationals 2009 would be kind enough to send a photo of the items for the BPA trophy database we would be grateful. Please send to the office for the attention of the Discipline Reps. It was also decided that all competitors entering senior competitions must hold a full BPA membership. Foreign national competitors criteria still remains the same.

### Seminars - We Want You!

The Committee would like to see 'Coach the Coach' seminars continue and feels they are platforms that help junior teams of all disciplines get an early insight into top-class competitions. Suggestions as to what you would like incorporated in the syllabus would be brilliant. We are also looking at creating an additional coaching-specific fund for National winners.

## COMMUNICATIONS

### To the Next Level

The Communications Committee is developing a strategy to get the media and public more involved with the sport and is grateful for the continuing help of Becca Armstrong and Rich Rust, volunteer BPA media co-ordinators, as well as the new link with media company Archant Dialogue. We will also be making more use of emails to the membership. This is not the start of a mass spamming exercise, but will be limited to four or five emails a year. There is now a BPA presence on Facebook and Twitter. Martin Soulsby said: "It's time to take BPA communications into the 21<sup>st</sup> century. We look forward to more members joining us online!"

### Live Video Streaming

After the successful live video streaming from the AGM, the Communications Committee meeting will be shown live at 12:00 on Tuesday 20 April. Watch out for the link on the front page of the BPA website, technology willing! Of course, you will also be able to play the video online whenever it suits you. This is a trial done at no cost to test the the concept and, depending on feedback, could lead to streaming other meetings.

## New Ratings

### CS BI

Tony Strugnelli  
Nick Chaperon  
Seiriol Hughes  
Chris Davison  
Andy Myers  
Shane Hind  
Russell Scott  
Frank Millerick  
Tim Hanlon  
Ryan Brown

### Advanced Packer

Andy Callender (T)

### Tandem BI

Lee Rhodes  
Paul Blair  
Jim Scott  
Jonathan Ashe  
Barrie Bremner  
Ffinch Lauer

### AFF BI

Damian Hewitt

### CS Instructor

Kenny Craig  
Phil Webley  
Dave Holiday

### Advanced Instructor

Andy Duncan  
Hannah Swallow

### Instructor Examiner

Alex Wilson



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*Eliana Rodriguez*  
Arizona Airspeed



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GARY WAINWRIGHT >>

Readers' reviews of skydiving gear  
Submit your own product review at [skydivemag.com](http://skydivemag.com)

## The Sensei

Aerodyne has stepped into the cross-braced canopy market with the introduction of the Sensei. This canopy is a Brian Germain design and has apparently been in testing for about ten years.

### Personal Background

In 2003 I went to the very first World Cup of Canopy Piloting at Perris Valley, and two years later went to the next World Cup at Lake Wales. Although I enjoyed both events I made a few mistakes that made me realise that competitive swooping and recreational swooping are worlds apart. I have not competed in Canopy Piloting since. However since finishing filming 4-way at the end of 2008, I have been looking for a focus for my jumping again so I was very interested by the launch of this canopy.

### Specification

The Sensei is a 7-cell cross-braced design which has 21 chambers, ie, each cell is sub-divided into three. It incorporates a 'Fat Tail' design, which Aerodyne claims creates 'superior stability when manoeuvring with rear risers'. It comes with a choice of 450 or 350 HMA line. Interestingly the brake lines are made of Dacron. I have personally had 700lb HMA brake lines fail on me three times – and I religiously change them every 200 jumps – so I welcome this feature. If you are an out-and-out competition swooper, doing everything to reduce drag, you may not be so keen on this.

Aerodyne Research is now manufacturing the Sensei in sizes 81, 91, 101, 111 and 121 square feet, with the 71sqft in testing stage. See [flyaerodyne.com](http://flyaerodyne.com)

### Pack Volume

Cross-braced parachutes pack up bigger than non cross-braced ones because of the extra material involved in their construction, and this has traditionally caused problems for people buying their first cross-braced parachute. If you have been jumping a traditional 100 square feet canopy and you want to go cross-braced you have to go much smaller to get it in the same container. However Aerodyne is offering the Sensei in a new material called ZPX, which packs much smaller. The Sensei 101 that I was jumping was packed into an Icon I2 container, which normally only accepts a 104 'traditional' main. This may be a selling point for people looking for their first cross-brace.

I only did six jumps on the 101 but now have done about 50 jumps on the 91 at a 2.3 wing loading. The 91 I'm jumping is made of traditional ZP material and packs comfortably into a bag made for a 120.

### Openings

Fact – high-performance parachutes have high-performance openings. The design features that make a



'Swoop' swooping the Sensei by Chris Smith

canopy high-performance mean that you have to be much more aware of packing and body position on opening. Having said that, the Sensei is (so far) the best opening cross-braced canopy I have jumped.

The canopy 'hunts' for its heading on opening a little, but not as much as other cross-braces that I have jumped. I am quite happy jumping the Sensei with my regular camera helmet.

### Flight

The canopy feels a bit bigger than the posted square footage. I felt that the 101 was more like a Velocity 111 than a Velocity 103.

When you take the brakes off you really start to motor. The angle of attack is perhaps not quite

as steep as a similar sized Velocity but in full drive it's certainly very fast!

In deep brakes you can stay in the air for a surprisingly long time and it still feels very stable when flown this way.

It's very easy to perform harness turns. If you start a front riser turn, then lean into it, the canopy just falls from the sky. In fact, my favourite way to fly the canopy, when traffic allows, is to cruise around with my hands on the rears, and steer just using harness and rear riser input.

The front riser pressure can feel a little high if you are not used to cross-braced canopies but it is perfectly manageable and I didn't feel it was noticeably higher than other similar designs.

On rear risers the canopy feels more responsive than any other I have jumped. On this canopy it seems a great way of getting back from a long spot and they feel very powerful on landing.

**When you take the brakes off you really start to motor**

>>

The Sensei by Gary Wainwright



## Landing

Lets face it, this canopy is aimed at the high-performance landing crowd. And it lands very nicely indeed! A lot of speed can be generated through the landing approach and it just keeps on going.

Most people who have jumped this canopy say that the recovery arc is shorter than the Velocity. I found the recovery arc of the Sensei 91 to be shorter than the Velocity 96, but not by much. By today's standards, a 270 turn (my normal rotation) into land is quite conservative with a lot of competition jumpers doing at least a 450. I wonder whether the guys who are doing the bigger rotations would notice a bigger difference in recovery arcs.

It took me a few jumps to get to grips with the responsiveness of the rear risers – however I now love them! Also, I lengthened the brake line by about two inches as I felt that this gave me a more comfortable flare.

## Comparisons

The question people keep asking me is, 'Does it go further or faster than a Velocity?'. To me, the speed and distance feel very similar to the Velocity 96 – however this isn't a measured comparison. It would be very interesting to give it to a current competition jumper to get their feedback. There are some interesting comparisons made on [dropzone.com](http://dropzone.com) between the Sensei, Velocity and J VX.

I have not had the chance to try the Competition Velocity but have heard very good things about it. However, as the name suggests, this is aimed at competition swoopers and as such comes with 300lb line that needs to be replaced much more frequently, and a removable deployment system (RDS) as standard that is not recommended for terminal openings.

## Suitability

The only people who should be considering a canopy such as the Sensei are those people who are already flying high-performance canopies and want to make the next step. It is often said that these type of canopies only really come into their own at a wing loading of around 2lbs per square foot and higher. This is extreme and should not be taken lightly – the margin for error on these canopies, at these wing loadings, is small and you should carefully consider if this is the right choice for you.

There is a lot of information available about canopy flight these days. I recommend taking a course to ensure that you are flying safely and getting the

maximum performance from your current canopy. The Safe Flight School based at Empuriabrava, and Chris Lynch's *Wing Tips* courses offer excellent tuition in all aspects of canopy flight (not just swooping). I cannot recommend them highly enough!

## Summary

If you are looking for a very high-performance canopy with good openings and great landings then this could be for you. This is particularly true if you are looking for your first cross-braced parachute and don't want to downsize too much to fit it into your container.

**Review by Gary 'Swoop' Wainwright**  
gary\_wainwright\_uk@yahoo.com

## Swoop's Experience

British CP Team Member	2003 & 2005
Total jumps	6,500 jumps
Cross-braced canopies	2,500 jumps

### A potted canopy history

Manta 288	30 jumps
Glidepath Raider 220	120 jumps
Sabre 150	300 jumps
Stiletto 135	1,300 jumps
Xaos 21 – 108	400 jumps
Velocity 103	1,700 jumps
Velocity 96	250 jumps
Mamba 104	970 jumps

*I really enjoy being under canopy and my computerised logbook tells me I have jumped 72 different main canopies, which accounts for the other 1,400 jumps.*

Stacey Carl swoops a Sensei 81, photo by hubby Don Derby



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# Safety First



**Safety should be the number one priority at any event. These basic rules of the sky will go a long way to keeping you and others from danger. They apply to all big-way disciplines; FS, wingsuit, CF and freefly, with some additions outlined for each area.**



## Aircraft Safety

About five minutes before exit (or before 12,000 feet if going to high altitude), check your gear. Get and give pin checks. Check all handles, stow riser covers that may have come loose. Tuck pilot chutes in as needed. Check your teammates' gear if they request it – their safety is yours as well.

In the plane remain in your seat and keep as still as possible. If your bench needs to be raised prior to exit do this with minimum movement. Do not stand if you can sit or kneel. If going to high altitudes than do not talk after the oxygen has been turned on – use hand signals if needed. On jump run, only the plane captain, the pilot, and any designated person(s) may talk. Keep on oxygen as long as possible – even while walking to the door.

If the plane is at altitude be quiet. When the plane is at altitude, (or near to it), in formation and heading to the DZ then be ready to skydive and prepare for exit regardless of any non emergency-related signal from the pilot. Remember that exit may come at lower altitudes than planned, so be ready to skydive at any time.



## Freefall Safety

Break-off procedures will be rehearsed and opening altitudes may be assigned to participants. You must follow these procedures. Use an audible altimeter and set it accordingly. Make sure you understand if the assigned tracking altitudes are 'deployment' (ie, throwing of pilot chute) or 'in the saddle' (ie, canopy fully opened) as these can vary from area to area, and follow them accordingly. If you bring a canopy that prevents you from following these procedures then understand that you are putting yourself and your teammates at risk – bring the right canopy.

Open at the safe, correct assigned altitude. Warnings may be issued as needed, and then low and high pullers may be grounded.

Track like your life depends on it. It could. Use a flat track, not steep or 'diving'. Be aware of the people around you and in front of you – your tracking team counts on you to be safe.

If you go low and are unable to dock prior to break-off then you will become part of the first tracking team – know their track and deployment altitudes beforehand just in case, and follow them if needed.



## Canopy Safety

After canopy opening do not remove booties or any part of your equipment. Know where people are when you deploy and have your hands on or near your rear risers to be prepared for an avoidance manoeuvre.

Sliders may be collapsed and stowed, after you have cleared your airspace. Keep your head on a swivel at all times until back in the packing area. After landing turn around and face oncoming traffic while you gather your canopy. If you land in a congested area then move quickly to the nearest side after landing, while watching for incoming aerial traffic.

A wing loading between 1.25 and 1.75 (min and max) is a common recommendation so that all canopies will be flying at roughly the same speed and descent rate. Some events may recommend higher or lower wing loadings. Know your wing loading (with weights if applicable). If your loading is outside this range then notify the organisers and exercise additional caution.



# BIG-WAYS FOR ALL

**Set a plan that best fits the DZ, make sure everyone knows the plan, and then follow the plan**



## Landing Safety

No swoop, hook turn, or high-performance landings of any kind are allowed on large formation skydives for the safety of all. This includes camera personnel, organisers, and DZ staff. Manoeuvres on finals, such as spirals, S-turns, deep brakes, or turns over 90 degrees in the pattern, are not permitted.

Many dropzones prefer either a left- or right-handed pattern for canopy flight. Know the rules at your host DZ, be careful not to cross other traffic, and initiate your final turn at 300-500 feet to set up a predictable final leg.

One method of setting up a predictable safe landing pattern is as follows: all jumpers enter the pattern into wind at 1,000 feet over the target. They then turn left until 800 feet, turn left again (downwind leg) until 500 feet, and then initiate their final turn at 300-500 feet. Another method would be to allow people to choose the pattern they desire, but then state that no high-performance landings or turns of greater than 90 degrees will be tolerated on final.



## Flocks

I can't really see any differences between big-ways for flat flyers and what we are doing in the wingsuit world, as far as the basic safety considerations go. There are some minor differences with aircraft formations with multi-plane loads and skills within the formation but the similarities are massive. The safety stuff is identical, and all the advice Kate gives is exactly how we brief large flocks, so this article is well worth reading for people who want to do wingsuit big-ways.

Hopefully these articles can show people that there are very few differences between flat big-ways and large wingsuit formations, at least as far as the safety issues are concerned. There is also a huge overlap in the people flat flying and wingsuiting. Many belly flyers enjoy learning to wingsuit. Then it's fun to fly with others, leading to larger and larger formations, with jumpers who also have the skills to fly in FS big-ways.



**Mark Harris**

Plane Captain, US National Wingsuit Record 69-way

# Safety First

Set a plan that best fits the DZ, make sure everyone knows the plan, and then follow the plan.

Designated mandatory landing directions are often assigned on large formation dives. Know the areas and inspect a map of the landing zones before jumping. If the spot is long or if the winds do not allow a normal approach to the target then make your best effort to get to your assigned landing area but do not cross other areas and patterns to do so.

Always know where you will land by 1,000 feet. On any and all out landings (outside your designated landing area) initiate your final at 500 feet. This is an absolute rule.

Most dropzones require that you land in the same direction as the first person down, regardless of wind direction. It is better to have a large group land downwind or crosswind as a group than to have individuals choosing various landing patterns. Once again, if you are jumping a canopy that will not allow you to choose a slight downwind or crosswind landing then you are putting yourself and your teammates in danger.

Generally in the case of an off-landing, participants will be required to check in after getting back. Gather in groups (do not remain alone) and walk to the nearest road, where transportation should soon arrive.

## Safety Protocol

These rules have been successfully used on local, national and world records in multiple locations. They are for dives of all sizes, from 20 to 400, and with single or multiple aircraft. If you start personally incorporating these guidelines into every large formation jump you make, then you are taking steps to make yourself a safe competent flyer and showing others how to be safe as well.



**Kate Cooper-Jensen**  
Organiser, multiple FS World Records

*Photos by Willy Boeykens, Norman Kent, Ramsey Kent, Gustavo Cabana, Babylon, Eli Bolotin, Jim Stevenson, Erik Aasberg, and Bill Von Novak*

**Make sure you have killed off all docking speed to prevent momentum**



## Canopy Formations

For Canopy Formation jumpers then safety in the aircraft and under canopy is identical to the above. But we have a few more safety points to think about, as follows..

### Equipment Safety

Canopies need to be the same type and preferably



have a close wing loading to each other. A kill cone if packing without a bag, or a bag that will slide over the pilot chute to prevent it from re-inflating, needs to be fitted. Noise from sliders flapping prevents clear communication, so invest in a mesh slider to keep the noise down. Helmets need to allow good hearing and be snag-free, lines can catch so make sure the helmet can be released quickly.

RSLs should be disconnected as you need to be able to freefall clear of any mess before pulling your reserve; however AADs can be switched on. Make sure you get a good hook knife, the small orange plastic things can break easily. Mount them in several places – if you're wrapped in nylon the knife could be covered so you want more than one option. Wear clothing that covers your arms and legs – this can help to prevent line burns. Trainers should be loose enough that they can be kicked off in an entanglement.

### Packing

You need to make sure you can have consistent, on-heading openings. Many people use tail pockets on their canopies, as they make it easier

to pack for consistency. This form of packing does produce faster opening speeds. The other option is to use a bag, which allows a slower opening, but can increase the chance of having off-heading openings or line twists. The main thing is to choose an option that will give you consistent, on-heading openings because several people will be opening in close proximity.

### Freefall Safety

Exit with a good body position and wait a second or two before deploying – if you are docking on a large formation then you can increase the delay to five seconds. On opening look at the person exiting after you to make sure they have an on-heading opening, you may need to move out of their way before making your way to the formation.

### Canopy Safety Build

When waiting to dock, only make small movements to stay in place as you don't want to take anyone



else's airspace or collide. The dock needs to be smooth, so set up just behind the person who is docking before you and follow them in. Make sure you have killed off all speed to prevent momentum. When accepting a canopy check to see you have the correct line, a wrong line can cause a canopy to fly differently.

### Break-off

Just like freefallers tracking away from a formation, CF jumpers need to separate in a safe manner.

We use a starburst which looks very similar, but on a vertical rather than horizontal basis. The pilot will start by shouting, 'Starburst, starburst', which will be echoed down the formation. A count will start from 10; when it reaches '1' be ready to take feet out of lines and on 'zero', lines are dropped simultaneously and canopies are flown away as follows:

- canopies towards the top will apply brake away from each other
- centre canopies will fly straight
- canopies to the left will peel off left
- canopies on the right peel off right
- the bottom canopies will use risers to move downward.

At all times look around for canopies next to you.

### Break it Downs

Break it downs are performed by dropping the canopies in reverse order to the build. Anyone can shout, 'Break it down' but it is normally used if a problem has occurred. When hearing 'Break it down', wait for instruction as to whether the canopy you are holding needs to be dropped.

Once safely away, follow the instructions on landing uniformly as a team, as previously outlined.

**Maria Russell**

CF World Record 100-way



## Freefly Big-ways

All the safety procedures explained by Kate are also valid for head-down big-ways. So this article applies equally throughout for freeflyers, with one important addition for freefall safety. The sensitive safety point in big-way freefly is the break-off.



All freeflyers have to perform a 180° turn away from the centre of the formation, checking to see no-one is behind them, while keeping the head-down position and its freefall rate. They then start progressively but rapidly going away from the head-down position to the back-tracking position. At this point the freeflyer should check no-one is

above and correct the track heading, if necessary, according to traffic. Then the freeflyer performs a barrel roll to check their all-round airspace, again keeps tracking belly-to-earth, and again corrects the track heading accordingly if required.

This procedure seems simple to apply! However we have found that freeflyers do not perform this procedure at the same speed, creating level differences within the same break-off wave! The 180° head-down turn and the transition from head-down to back-tracking create these level differences if not performed in the same way, at the same speed. This procedure should be therefore trained by all freeflyers in a small group, before taking part in any large groups.

The aircraft safety and canopy safety procedures are identical as described previously for our fellow flyers on their bellies.

**Stéphane Fardel**

Organiser  
Euro Freefly Record



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# Euro Sequentials

- ? Can you fit a 4-way head-down round through a 10-way head-down round?
- ? Can you fly two 7-way head-down lines over and under each other?
- ? Can we bring 30 great flyers together in Europe to find out?

These were just a few of the questions we were asking ourselves, so we set out to get some answers...



The Euro Sequentials were inspired by many events in the United States but most predominantly by the Lodi Sequentials. This event has set the standard for multiple point freefly all over the world. The main organiser, Robby Bigley, was instrumental in the birth of both 4-way VFS and larger freefly sequentials. It was his vision, along with the rest of the Lodi crew, that set the bar for all of us to rise to. Tragically, Robby died last year shortly after we celebrated setting the 108-way head-down World Record. To commemorate Robby's memory and achievements we wanted to hold an event he would be proud of.

So, it was time for Europe to catch up. A date was set, invites sent and wheels put in motion. With the European style in freefly often being more focused on movement, we wanted to focus this event on the vertical. Fabian Raidel and Mike Carpenter were set as load organisers; both had participated in the Lodi Sequentials and other US events in the past and each had good ideas of their own for the future.



The interest generated was very positive with members of *Babylon*, *The Skywalkers*, *Volare*, *Tora-Tora*, *The Bad Lieutenants* and some more of Europe's best flyers confirming their attendance. Anticipation went through the roof when the event received an even bigger boost. The Bottrop wind tunnel in Germany wanted to show their support by sponsoring the event with an amazing two and a half hours of tunnel time, free to all participants of the Euro Sequentials as a warm-up prior to the event. The warm-up in itself was amazing, producing some of the most advanced 6-way and 8-way sequential 'dives' the tunnel had ever seen. Bottrop also went on to support the event further, covering all the evening meals and entertainment. This was red carpet treatment most participants had never experienced before at a skydiving event and was a great deal to get excited about.

Before we knew it, there we were, standing out in front of the Skydive Spain hangar, briefing the first jump. The group was split into two 14-ways, each with an assigned load organiser and cameraman. >>



Can you fit a 4-way head-down round through a 10-way head-down round? ✓



## Can you fly two 7-way head-down lines over and under each other? ✓



The first jump was designed to be a kind of warm-up but also to set the standard for what was to come. It was after that initial dirt dive that people realised what they were in for, 'That's the warm-up?!' It was clear the menu was full of very challenging dives that would push even the very best. The weather also provided a few of its own challenges, but the groups stood their ground and took each new test in their stride. What followed was some fantastic skydiving. Some classic head-up/head-down sequential dives mixed with some brand-new ideas.

Back to the question, can you fit a 4-way head down round through a 10-way head-down round? Physically, yes there is enough space. Practically, would it work? There was only one way to find out! We had started playing with the idea of vertical moves in the previous months in the tunnel and the sky, splitting a 6-way head down round into two 3-way rounds, flying one directly over the top of the other then joining the two rounds back again. To our surprise you could hardly feel the burble! With the increased wind speed and the decreased surface area of each flyer compared to belly formations, there is hardly any noticeable loss of air. I guess you could call it, 'a slight reworking of conventional ideas about formations'. So, the next step was one round through another!

Could we fly two 7-way head-down lines over and under each other? Once we knew that we were not restricted by burble issues, we could start to think in a new direction. The small round through the big round opened up a million new possibilities. One line over and under another requires a larger group to fly together. The small round was only a 4-way so it was quite manageable, but a 7-way line is not as easy to manoeuvre. As the lines were opposing in an open accordion (one person in the line facing one way, with the next person docked facing the other), half of the flyers in one line couldn't see the other. All this meant that referencing was very important and everyone had to fly together to make it work. Lines can easily end up stretched out even when not moving so it was exciting to see if we could do it. Et voilà! >>







Yes, a 4-way head-down round does fit through a 10-way head-down round - yes, you can fly two 7-way lines over and under each other - yes, there are 30 great flyers willing to risk attending a first of this kind of event and - no, this isn't the end of Euro Sequentials!

A big thank you to Bottrop for their unprecedented support, to Skydive Spain (Seville) for their fantastic facilities and great discounts on jumps, to Vector 3, Boogiemann and Go Pro for supplying some awesome goodies that were dished out among the participants, and finally to the event organisers, Andrew Lovemore, Piers Roberts and Andy Newell for putting together an awesome event, as well as load organisers Fabian Raidel and Mike Carpenter.

Mike Carpenter  
mike@volare-freefly.com



Can we bring 30 great flyers together in Europe to find out? ✓



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# From ZERO to HERO

**Hayabusa's Rolls Janssen describes how to begin your journey to become a Champion**

Imagine yourself being a world-class skydiver during a World Meet, fighting a fierce battle for the gold medals. On your ride to altitude in round ten, looking into the eyes of your teammates, seeing their confidence, you just know it's gonna be all right. You have trained so hard during all those years and now it's the moment of truth. You exit the plane and the team goes flat out! From the beginning till the end, just a perfect jump and you just know that you won this World Championships before opening your canopy! Emotions run high through your veins. Sharing the joy with your teammates and fans when you land, seeing the official score being posted by the judges. Everyone cheering, clapping and whooping. You are a World Champion!

If you are reading this with a grin on your face and you can feel the weight of the gold medal hanging around your neck, well, this might be an interesting start to become a Champion yourself. Because first it all starts with being able to see yourself as one of them!

This article is for the recreational skydiver, who feels they have star quality and is willing to make the necessary sacrifices to live the dream. It gives some advice about individual achievement, teamwork and how to get the best out of yourself in an efficient way. Also, it tells you about the possible obstacles on your way to success.

Ask people around you if they want to be a Champion and they probably will all say 'yes'. Ask them if they want to give up their social life, luxury, and spend years of focusing on one thing with no guarantee of success, and they will likely start to doubt. Let's be honest, to become a Champion isn't easy and the way to glory is hard and long. It will constantly require the very best from yourself and your teammates. You will have to put a tremendous effort into it for many years. But you know what, ask any World Champion if he or she thinks it was worth it and they will all reply the same - 'Yes!'



the way to glory is hard and long





## Requirements of a Champion

### 1 TALENT

Talent is, of course, very important to be able to achieve the top level in any kind of sport. Talent is just one simple word that contains many different aspects. To be remarkable in your specialty alone is simply to be a skilled practitioner. But a true Champion continually embraces every opportunity to learn. He or she is often humble, joyful and driven by a child-like curiosity. Some people talk about talent and just mean the physical part of it; the mental ability is often forgotten. One doesn't go without the other. I have met some super-talented people, flying-wise, but who had trouble with mental skills or had performance anxiety. I also met hard-workers, people with a great mental ability, who were willing to sacrifice it all but they just didn't have the flying skills. We have to understand that we need to learn and train them both, to become a great competitor.

### 2 TIME

Without investing enough time into your training, you can't reach the physical and mental level that it requires to get on top of the game. If we want to compete against the very best, we must get that necessary experience under our belt. It's not only spending time on the jumps; if you take it seriously, you'll have some homework to do as well. Analysing your jumps again, visualising the jumps for the next day and gathering data from other teams are just some examples. Also, keeping your body fit is important. For peak performance we don't need to be able to run a marathon or climb Mount Everest, but we do need a good basic condition. Doing twelve jumps a day for a long period in a row is mentally and physically exhausting. The better shape you're in, the easier it will be to perform well during the training camps. Plus the chance of getting little injuries is significantly smaller when you work out regularly.

### 3 MONEY

Unfortunately skydiving is an expensive sport. After a weekend of blue skies it seems that maybe you had a robbery on your bank account! We need to have enough money to pay for our jumps and tunnel time. In our sport winning doesn't carry a big cash prize to pay off your investments, even if you are a World Champion. We must find a way to finance our training to be able to achieve our goals. Without the required amount of money we simply can't train enough.

It will be clear that if you are missing one (or more) of these three requirements, you need to set new realistic goals. I'm not going to talk about how to find more time for training, or how to raise money for the team, because that should be a new article on its own. For now I'll pretend that you do have the time, money and talent, but that you don't have a clue how to organise your training in a smart and efficient way. >>



# Step by Step

## STEP 1

### Technical Training

If we start talking about flying your body itself, I can't emphasise enough that you need to start with all the fundamentals! The better your basic skills are, the better your foundation for your future. People have a tendency to rush these basic skills and go on only focusing on 4-way. During 4-way they run into moves they find hard to fly. They can't concentrate on making a specific move and remember their points and look for the keys at the same time. Flying your body should become second nature, without thinking of how to steer it. I strongly suggest to find a quality, top rate coach and start learning your skills in the wind tunnel! The wind tunnel is the ideal place to improve your skills. I know that 1:1 coaching costs much more than dividing tunnel time by four people, but you need to invest in a long-term plan. If not, you will get stuck at a certain level and then you will need to go back to the 1:1 sessions anyway. It's no shame to keep investing in (basic) skill techniques. With *Hayabusa* we still try to find room for improvements in this area. We know that this is helping us to become better individual flyers and thus we perform better as a team. Have a coach that also teaches you in freefall. Some techniques you simply can't train in the wind tunnel such as exits, sub-terminal moves, tracking and so on. If you are new into our sport, your coach can teach you also things that are not technique-related, such as safety matters or how to fly and land your canopy.

Once you trained your basic skills to a decent level, it's time to move up. The next logical step is to do 2:2 coaching. Continue this until you both have a good level and you have a good understanding of how to prepare the jumps. The following step is to train with the whole team together. Same goes here, have a coach to guide you through the first period. Make sure that you don't waste a lot of time and money by trying to figure it out by yourself. I see too many times that people try to save money by not taking a decent coach, but if you learn bad habits, how much did you really save in the end?

After a while, when you get more grown-up in briefing, engineering, flying and debriefing, it's good to spend time on your own. By not having your coach around, the team will be forced to think more independently. Here is a big opportunity to become a mature team. The team must find a good balance between working with a coach and having time on its own. This can vary depending on the kind of phase that you are at that time. Just avoid that your team gets insecure if the coach isn't around. Normally the more you have worked together, the more confident you will be when you're on your own. Don't be afraid of making mistakes, you only will learn from them.

## STEP 3

### Go Out and Compete!

The competition zone must become your new playground. It's here where all the action is. During competitions you will be confronted with many factors that you don't find in training. Stuff like competition anxiety, stress and distraction are just some examples of things that we need to learn how to deal with. Some competitions are not won by the best flyers, but by the team that is mentally the strongest. We all have been in a situation during an important meet where we say to ourselves, *'What am I doing here? I'm full of stress and can hardly enjoy this competition'*. This is because at that time we didn't train ourselves well enough in these conditions. By competing a lot, you'll have the chance to find out your weak and strong points. Analyse why you feel good or bad in specific circumstances. The more you find out about yourself, the stronger you'll get and the better you'll do during competitions. It's like holding a mirror in front of you; it takes a lot of honesty to find the right answers. A mental coach can be helpful with finding these answers as well. The ideal is to be really focused on your jump but still remain calm. Generally this kind of mental state allows you to perform at your very best. You'll find yourself making the best jumps ever!

As Craig Girard of *Arizona Airspeed* once told me, *"you have to learn to love the fight more than the win"*. This is something I absolutely agree with. But it took me some time to be able to do it. I had to calm myself down to a level where I could enjoy a fight. Actually the fierce battles with your opponents are the most memorable jumps you'll do during competitions. And you know what, even if you lose the battle you still had a good time, because you enjoyed the fight. Instead of just feeling bad that you lost, you get something positive in return. In competitions you will be confronted with yourself, and this is an important area where you can find big personal improvements.

## STEP 2

### Mental Training

Mental training is just as important as the technical. I notice the absence of mental training in our sport, even though more people start to recognise the benefit of it. For example, visualising is a great tool that can give us great progress without paying for it. If you would spend every day just 15 minutes going through your dive pool (exits – blocks – randoms) you'll be surprised how much this helps. You will have less brainlocks and the moves will be better, simply because you did them over and over again.

Even on the streets you can train your engineering skills. Take a licence plate in front of you, and work with the numbers/letters until you have five or six points and start engineering the jump. If you are more experienced with it, take your B-slot as well. Actually there are so many aspects of mental training, and so many ways of how to do it, it is impossible for me to write it down. I would recommend to find books about sport psychology or see a mental coach for more information about this subject.

## STEP 4

### Work Hard

So let's say you have the talent, time and money – is this a guarantee of success? No, for sure it's not, but it is a good start. Just as with all other sports it will demand the very best of you for probably many years. Even if you are a born competitor, are you a team player as well? How do you react when things aren't going that smoothly inside your team? How much can you take and are willing to sacrifice? There will be days that you're cold or sick, tired or angry, but still you have to train. The team is relying on you and you can't let them down. Being away from home for a big amount of time, living with a suitcase, sharing the kitchen, toilet, shower, living and bedroom with your teammates for many months – these are very normal situations for many professional skydiving teams.







“ The competition zone must become your new playground ”

Photos show Hayabusa by Danny Jacobs

**See Also:**  
April '07  
Efficiency Training  
Aug '08  
Team Dynamics  
Feb '09  
Time for a change

### Being Lucky

There is one factor that I didn't talk about and that's 'luck'. We all need to be a bit lucky to be able to live our dreams. Meet the right people at the right place at the right time. To find a group of people who have the same goals and are willing to work as hard as you might be difficult. But they are there! The same goes for finding sponsors or a dropzone that is willing to invest in a team. We all need to have our share of luck.

But if you are really passionate about this sport and persistent about keeping your dreams alive, you will succeed! Because many teams showed already that they could do it, so why can't you? Just keep believing in yourself and in your team, and never give up.

### Apply it Now

Even though this article is providing information for people who really want to bring out their star quality and maybe try to become professional skydivers, you can apply it to all levels and in every discipline. Even if you are jumping in A class! It's just a matter of how much time and money you can and want to invest, and the amount of talent you've got. The principles of how to improve your skills are the same.

I hope this article can be an inspiration to those who want to shine their star quality! Good luck – and go out and compete!

Roy 'Rolls' Janssen  
NMP-PCH Hayabusa  
roy@skydivehayabusa.com



**Next issue:**  
Putting a Team Together



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# PEOPLE in the SPORT

## BRIAN VACHER

Photo by Sheridan Vacher

**Interview with Brian Vacher, captain of the British Canopy Piloting team, owner of the Safe Flight Canopy School, and PD Factory Team member**



### **Tell us about your first skydive**

It was a tandem when I was 17, but I did my first static line in 1993 when I was 21, at Netheravon. Scary stuff. I have kind of erased the memory – I just remember lots of shouting.

### **How many jumps do you have?**

Just coming up to the 8,000 jump mark. About 1,500 video, about 4,000 hop 'n' pops, a couple of seasons doing 4-way with team V2, some (bad) freefly, a few crew jumps, around 20 base jumps and 23 cutaways.

### **Which areas do you most enjoy?**

All of them are great but particularly Canopy Piloting (CP) and Team Flying and also trying to get into traditional crew when I have time.

### **Why did you leave the UK to work in Spain?**

I was in the right place at the right time. I taught my first canopy course for some friends at a dropzone in Spain. This was at a time when canopy coaching was unheard of in Europe. The dropzone owner suggested I started something more permanent at his dropzone. Fed up with working in buildings in London with no windows, it wasn't a difficult choice to make. I moved to Empuria and started the Safe Flight School.

### **What qualities do you need to become a canopy coach?**

Like all disciplines, just because you are a good flyer doesn't mean you can teach. Good canopy coaches are hard to find because you need to have a good understanding of canopy flight, have a decent level of personal CP skills and have all those good qualities we look for and expect in an instructor. The complete package is not that common, although good people are always on the horizon.

### **How important is canopy flight training?**

Well, the statistics can answer that question really. If we look at where the safety problems lie, we have a majority of pilot error. Sure, some reports split it up into different things: low turns, landing problems, canopy collisions, but these are normally all unforced pilot errors.

Obviously CP incorporates a huge range of subjects other than how to flare a canopy properly and not turning low. Equipment and freefall-related problems are the minority. Yet, if people sat back and looked at how much money, time and training they invest in freefall and the tunnel compared to the investment of CP, we can see why we have the safety record we have.

### **What's the best piece of advice you have been given about skydiving?**

1. To listen to everything, but make your own informed decision. 2. Continually research everything there is to know. 3. Slow down.

### **What records do you hold?**

I hold the current UK and European Canopy Piloting Distance Record of 167.73m. I used to hold the UK Canopy Piloting Speed Record at 2.60 seconds, but Wez Westley rocked in that event in South Africa and posted a 2.347 seconds.



Canopy image by JC Colclasure



PD Factory Team by JC Colclasure

**Have you ever been on TV or in a film?**

In skydiving I have been on *They Think It's All Over* with VMax and I was one of the cameramen for *Drop the Celebrity*. In enduro riding, I am in a just-released DVD documentary of our 5,000km desert expedition to Mauritania and Mali, entitled *Salt and Gold*.

**What was the best thing about flying camera for VMax?**

Pulling high every jump, learning to fly my canopy and learning to manage the airspace with different canopy sizes and flying characteristics.

**What award did you win in 2001?**

'Omniskore Cameraman of the Meet', chosen by the FAI judges and Omniskore scoring system for the best, easiest to judge video. I won this at the 2001 World Meet. However, the footage I see posted in today's competitions has come a long way from that.

**What's been your most exciting competition?**

The Canopy Piloting World Cup in December 2009 – my first time representing the PD Factory Team and wearing team colours. The level of competitive spirit and support within the team is very powerful, which was underlined in the results with six PDFT members in the overall top ten.

**How did you join the PD Factory Team?**

Like any job interview, I went through a selection process. Initially, we had to submit an online written application that anyone in the sport could complete. A shortlist of 40 people then had to submit a five-minute video interview answering specific questions. Finally, 15 people were invited for a week-long interview in Florida in early January 2008. We went through personal interviews, group and individual presentations, team-building exercises and a mock CP competition before the final four were selected. It really gave us all an insight into what was involved.

**Tell us what being a member entails**

We have a responsibility to get out there and represent ourselves, our teammates, our business and our sponsors. We have some minimum coaching, training and competition commitments, but I continue to run the Safe Flight School side-by-side

in Europe. We are working to better both the Safe Flight School and Flight-1, which is the PD Factory Team business and focuses on four areas; education, competition, expeditions and demonstrations.

**What makes the team so successful?**

Definitely the people in it. Each team member is a very different individual, but all of us believe in what we are doing as a team and a business. The strength comes from working with such a highly skilled and professional group who constantly challenge each other and the direction of the sport.

**What are the team's plans for 2010?**

We have two training camps, national competitions throughout the summer, and hopefully a team expedition in Europe towards the end of the year. Most of us will be at the Canopy Piloting World Championships in Russia in August. Of course you can also get coaching from us and train with us throughout the year by visiting [safeflightschool.com](http://safeflightschool.com) and [www.flight-1.com](http://www.flight-1.com).

**Why were you chosen as UK team captain?**

I have competed in every World Cup and World Championships in CP since the first FAI World Cup in 2001 and I have been competing in other disciplines since 1999, so I imagine just because of my competitive experience.

**What is the future for CP?**

In the competition scene, I see it continuing to develop as quickly as it has over the past ten years, perhaps with more team events in the future. We will probably see swoop distances of over 200m at FAI competitions soon. On the education side, we are seeing a huge improvement worldwide of the average skydiver as information starts to filter out there, although there is still a long way to go. Proper education combined with defined and achievable qualifications are really the only way forward.

**Tell us something new about you**

Sheridan and I are expecting our first baby (boy) on 15 May this year.

**What do you do when you're not skydiving?**

Enduro riding (motocross) has been my passion over the past three years. The mountains around Empuriabrava have some of the best off-road riding terrain and I have spent some time riding in North Africa.

**What does the future hold?**

2010 is going to be a manic year – new baby, coaching all over Europe and in the US, a crew team, training, competitions and an expedition. We are also reworking our student and instructor teaching curriculum.

**Tell us about your most memorable skydive**

There are so many – that's the great thing about the sport. Helicopters, balloons, first base jump, first wingsuit, world competitions, medals, first jump with the PD Factory Team, speed and distance records...

**Where is your favourite place to jump?**

Skydive Empuriabrava is a fantastic dropzone and you can skydive, ride dirt bikes, mountain bike, and snowboard all in one week.

**Who are your skydiving heroes?**

Every person who excels in their chosen discipline. And also all my teammates.



Brian at the recent CP World Cup by Julia Severin

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## Other stuff coming up...

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# 3D Vision

**Bruno Brokken is one of the skydiving world's foremost, prolific and well-travelled cameraflyers and has been jumping for almost 30 years. During the last 22 he's concentrated full time on filming and photographing the world of parachuting; the people, competitions and major events, in search of his now famously beautiful images. Bruno's great technical knowledge is matched with a natural vision - seeing something special and extraordinary, combining colour, composition and drama, to achieve a true art form. Thus Bruno passionately creates a wonderful and lasting record of the sport he has dedicated his life to.**

His work includes numerous exciting film projects and thousands upon thousands of images, taking him to umpteen exotic locations, filming with the world's top skydivers. Bruno published his first book, *Exit*, in 2003, in which he presented many viewpoints in the story of skydiving, told via his eyes, capturing the passion in the lives of the flyers and the extraordinary nature of this sport.

As an open, down to earth, multi-talented and funny person, Bruno is unassuming. His aims have remained quite simple throughout his career: to



Bruno Brokken by Gaby Meis



Hoyabusu over Empuria

jump as much as he can, travel the world and enjoy his life with the friends he meets, whilst modestly producing the finest skydiving images, mostly for his own pleasure, but enjoyed by many.

A valued Cypres-sponsored Airtec team member, Bruno and Airtec have here collaborated to bring you these remarkable 3D photographs, a world first in parachuting publishing, to be viewed with the glasses supplied for their full 3-dimensional effect (actually 'stereoscopic', to give it the correct name).

I was struck when I saw the images for the first time. I had underestimated the effect it would achieve photographing skydiving in this way. They had a childlike effect on me, I must admit making me smile. They have a dynamic, tangible quality - like you could reach in and take hold, as if you were really there with the skydivers in the image.

Based on some time talking with this amazing Belgian gentle giant, here are some insights from the man himself about this work.

**To start, can you explain how you went about making these 3D pictures, the equipment you used and what inspired you to create these?**

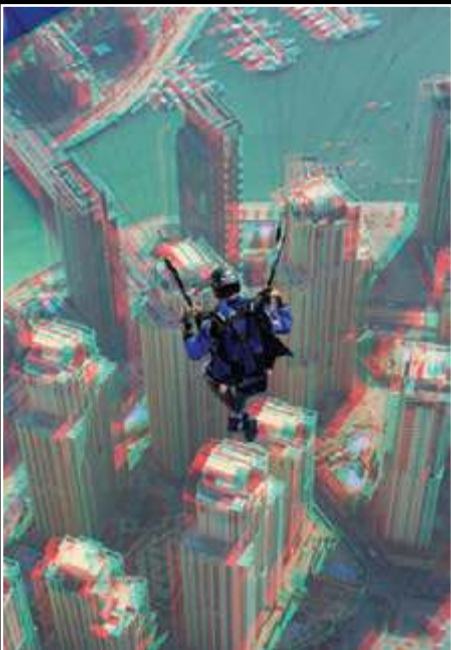
*I just wanted to try something different with pictures and 3D struck me as a good idea. I'd been thinking about it for a while, then last year I met Rob from Cypres and discussed it with him... and the idea to print 3D pictures in the skydiving magazines was born! Airtec agreed that they would produce the 3D goggles needed to view the images and here they are. I hope you like them!*

***I just wanted to try something different with pictures and 3D struck me as a good idea!***

*To take 3D pictures you need to take two pictures at exactly the same time (unless it's a stationary object), so basically I needed two cameras mounted side-by-side. Reinier Bos from Zkulls made the mount for me. I used a Bonehead Flat Top helmet, because of the big platform that it has on top of it,*

*then I used two cameras, both Canon 5Ds, mounted vertically to reduce the distance between the two*

*lenses. As normal, I used 50mm standard lenses and then used one shutter release for both cameras. The cameras had to be lined up perfectly, and using the same lenses and the same settings on both cameras and a shutter release that fired on both at the same time to take the two images simultaneously.*



Jonathan Taylor



Claudio Toranzo and Juanna Pelon



French 4-way

These photos are intended to be viewed with the 3D glasses provided



Brian Vocher



Afterwards in Photoshop I overlapped both pictures, filtering the reds out of one picture, and the blues and greens out of the other one. You end up with one image that, with the help of special glasses, you can 'see' as one 3D photo. You need to use the 3D glasses with two different colours, one in each eye, to view them correctly. So don't bother to steal the ones at your local cinema, because those are based on another system and won't work, they are polarised glasses.

**What are the positive points in taking photos in 3D and how is it particularly relevant to skydiving?**

In real life we see objects in 3D; but normal photos are flat, in 2D. So these images bring the viewer a bit closer to the way you see things in reality. Three-dimensional photography has been around almost as long as normal photography but, since skydiving is a 3D sport, it kind of brings the impression of height and depth more clearly to the viewer. For some photographic subjects, like skydiving in this example, it gives an impression that the pictures are more alive than the 2D versions.

**What do you think of the current craze in 3D movies? Do you see it taking a serious role in the future of photography or is it just a gimmick?**

A gimmick? Maybe... but then again Sony and other brands are coming out with 3D TVs soon! So there is huge worldwide interest in 3D stuff. Like I said, the concept has been around for a very long time, maybe with all the 3D movies and so on coming up we will also see more 3D photography. Right now there are some cameras on the market that have two lenses for 3D photography. For the moment they are small point-and-shoot ones but soon there may well appear higher-end cameras that do that... we'll see!

**How did you choose the photos here and will this be a regular feature of your work?**

I try to take pictures that will look good in 3D. Usually, a group of two or more skydivers behind each other is where the 3D effect comes out the best. It can be anything: an FS team with a cameraman above, some freeflyers, canopies. For sure I will be taking more 3D pictures but not applied to anything specifically, it will probably stay an occasional thing for me.

**I'm sure others will be inspired to try 3D. Can you offer us any insight, perhaps outline some of the technical issues that arose and say what you have learned via this project?**

I am still learning a lot about it, but I kind of know which shots will work and which ones not. I recommend that you research stereoscopic photography on the internet, then go play around on the ground a lot before taking two cameras into freefall! You can get programmes that transform two pictures into a 3D image but I prefer to use Photoshop for doing that. Watch out for some colours. With these type of pictures (anaglyphs is the technical term) there are some problems with some colours, especially the reds and oranges – they seem to flicker when viewed through 3D glasses so I try to avoid those colours.

**You've seen lots of changes in camera work already; what can you see in the future?**

3D will be more common on TV, stills cameras will become smaller, lighter, better and cheaper. My first digital camera had 6 Megapixels and cost over 1,200 euros. Now you get a very decent camera for that price.





Empuria Staff



**Being a prolific photographer, skydiver and swooper you have undoubtedly influenced lots of people. So, who inspires you, from past and recent times?**

*When I started jumping my instructor had the books Skies Call 1, 2 and 3 from Andy Keech. I could look at those over and over again. I have always enjoyed Norman Kent's work over the years. There are so many disciplines now in skydiving and fresh contributors but in freefly I like Kuri's pictures from Babylon and Max Haim takes great photographs. I love Gustavo Cabana's canopy formation pictures. I mention these because they are the cameraflyers I know, we meet often, but there are many many more really good cameraflyers around these days.*

**After so long and so many images, what are your most memorable jumps, photographically speaking?**

*Most memorable jumps?! Not easy, there have been so many! But I can give you a few. Just this last January in Dubai, the PD Factory Team flying in formation with stunt pilot Zultan Veres buzzing around. The big formation attempts like the World*

*Team and the canopy formation World Record. Yves Rossy crossing the Channel with his jet-powered wing! And of course, Yves attacking me under canopy with his (well, not his) Mirage fighter jet. Jumping with the Red Devils in central London. The North Pole jump with Patrick de Gayardon and my most recent, the Blue Hole jump in Belize, and there are many more...*

**To me you're one of the most positive skydivers around in your outlook on life, how do you maintain the passion and keep going?**

*If you like doing something it is easy to keep going. I've been skydiving for a long time. For the moment I still like it, so I guess I'll keep on with it.*

**What is your future in terms of skydiving and photographic work, after Exit will we see 3D appearing again in future books maybe?**

*I'm working on another photo book and would like to include some 3D pictures in there. Apart from that I'll continue to work in Empuriabrava filming*

*tandems and stuff and try to move around more to collect as many interesting pictures as possible. I will put 3D pictures very soon in my gallery on my website where I have many of my pictures and on the Airtec/Cypres website... so go and check them out!*

*Finally I would like to say that 3D skydiving photography is nothing new. A friend of mine from France, Chopy, has been doing it for years. Also I remember Tony Hathaway in Z-Hills showing me some 3D slides years ago. And just now I met Niels Brusgaard (from Larsen and Brusgaard) and he told me he tried 3D in freefall in the 70s. But it's never been printed in a skydiving magazine before!*

*Article and interview by Benigale Richards*

**With great thanks to  
Bruno Brokken [brunobrokken.com](http://brunobrokken.com)  
Rob 'Dutch' Kendall of [Airtec cypres.cc](http://Airtec.cypres.cc)  
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# 3D Vision





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ROB COLPUS >>



## AHead of the Game

**Tonfly, an Italian company working from Slovakia, has released a new open-faced camera helmet**

Called the 3X, this nicely-shaped carbon-fibre helmet boasts several innovative new features, the first of which is a sliding carbon-fibre top cover section upon which the camera is fixed. The sliding top allows the camera elevation angle to be altered up or down by seven degrees to suit different filming requirements and, with its *TM Zkulls* system, allows a perfect fit for new types of camcorders that are increasingly smaller and more powerful, said Tonfly.

An airbag is located in the rear inside, which can be inflated once the helmet is on, in order to produce a perfect fit. Tonfly is also proud of its soft ratchet straps, which connect the chin-cup to the helmet. Strap ratchets are normally made from a stiff plastic but Tonfly's soft and flexible straps allow the chin-cup to be tightened without the loss of flexible comfort in the fit. The ends of the straps fit into tunnels in the chin-cup, cleaning up the helmet's profile.

Audible ports are evident on both the left and right sides, or it's possible to have two audibles on the left side. The camera-mounting top cover is designed for the *Hypeye D Pro* camera switch, allowing all the cables to be routed internally.

The 3X weighs in at only 740 grams, is supplied in six sizes from XS to XXL and is available in all pantone colours, as well as a 'rubber soft-touch' finish.

[tonfly.com](http://tonfly.com)



The Tonfly 3X camera helmet features a sliding top section to position the camera for a range of angles



## Size Matters!

**Performance Designs (PD) has produced a new canopy size-comparison chart relating to its present range of products, as well as some discontinued but still popular older models**

In a newsletter, PD points out that some harness/container manufacturers have created container-sizing charts that show actual canopy size ranges in square feet. PD says that, in order to support these efforts, it has made various models and sizes of its canopies available to container manufacturers so that they can perform practical packing comparisons.

Typically, container manufacturers' charts show canopy size ranges in cubic inches for each container they produce, making container selection easy, provided the pack volumes of all canopies by all canopy manufacturers have been accurately arrived at by a standard method. The problem with this, says PD, is that accurate methods of measuring surface area and volume have never been agreed upon among parachute manufacturers. The Parachute Industry Association (PIA) attempted to create unbiased testing methods some years ago but even these methods are subject to an uncontrollable amount of variables, so much so that the same canopy can be measured for volume several times with several different results, even with the same person performing the test.

Similar problems result when comparing surface area - when measuring by span (side-to-side) and chord (front-to-back), the location of where the measurements are taken greatly affects the results. A tapered (or elliptical) canopy will have a smaller or larger measurement, depending whether the span measurement is taken from the middle of the wingtip, along the leading edge, or along the trailing edge. This makes comparing same- or similarly-advertised canopy sizes practically futile. They will likely be somewhat close, varying as much as 10-20 per cent, but for container-sizing purposes, this is a noticeable difference. What this means is that, unless you are comparing two canopies within a certain manufacturer's measuring method, you cannot reliably compare the advertised area of one to another! It is because of these variables and different interpretations that PD does not publish packing volumes for its canopies but prefers to use its own charts based on typical parachute sizes, as opposed to the pack volume method.

PD's chart can be used to directly compare how one particular PD canopy packs up compared to other PD canopies, new and old. Unfortunately PD's chart does not include any of the many canopies produced by their competitors, so container manufacturers will still be left with a problem until all canopies currently produced are included in a comparison chart such as PD's.

[performancedesigns.com/packingchart.asp](http://performancedesigns.com/packingchart.asp)



## Maximum Velocity

In a recent newsletter, Performance Designs (PD) announced that its *Removable Deployment System (RDS) & Removable Slider (RS)*, which comes standard on its top-of-the-swooper-range *Competition Velocity*, is now available to purchase for use on the standard *Velocity*.

PD's *RDS system* allows the serious swooper to detach the slider, bridle and deployment bag from the canopy after deployment and stow them down their jumpsuit front, or in a pocket. The system works via slider cutaway cables which detach the four slider rings from the slider itself. The four rings remain on the canopy's lines and are pulled down the risers after the slider has been detached. The bridle and D-bag are attached to the slider for deployment, rather than the top of the canopy (as is traditional), and so are detached along with the slider.

PD tells us that replacement parts are also available, stating; *"If someone were to misplace or damage one part of their system, they would have the option to replace only the part needed rather than the entire system."*

[performancedesigns.com](http://performancedesigns.com)



## Audio Audible

**Do you like to listen to your mp3 player on the way to altitude?**  
**Would you like to listen to your mp3 player in freefall?**  
**Would you like your audible altimeter to speak to you?**

If you answered yes to these questions then you need to get out more! Or perhaps the latest gizmo from those innovative boffins at Alti-2 Inc might just be for you. Coming hot on the heels of the company's *N3* data-crunching audible, reported in Kit News in April last year, the *N3A* (A for Audio) actually talks to you, instead of making bleeps.

At the first alarm altitude you will hear 'Breakoff, Breakoff' and then 'Deploy, Deploy' at the second alarm. The third flatline alarm remains the same and is not changeable for safety reasons. The canopy alarms work the same as on the standard *N3* except, instead of hearing the build-up tones and then a single beep for the first alarm, at the end of the buildup tones you hear the word 'Downwind' and, at the second alarm, 'Base' and then 'Final'.

It's possible to set up the *N3Audio* to announce altitude at every thousand feet (twelve... eleven... ten... etc), or this feature may be turned off. Set-up is quite simple says the company - your mp3 player and earphones are plugged into the *N3A* and the smart little device will pass the music through the earphones until it needs to talk to you, then it will cut the music off while it plays the alarm, or altitude wav file. The *N3A* does not have its own speaker so you must use headphones to hear the alarms.

The *N3A* sports an aluminium case with toughened glass and flush buttons. A lanyard and audio integration cable are included. It features 2,500 summary logs and 200 detailed log profiles, has an USB rechargeable battery and is waterproof in up to six feet of water for up to one hour. The unit can be connected to the Neptune Maintenance Utility via its USB. Altitude can be set to feet or metres, the speed can be set to mph or kmph, and it has eight selectable alarm groups. The *N3A* retails at the same price as the standard *N3*. Alti-2 was keen to point out that the *N3A* is not a replacement for the *N3* or an updated *N3* - it is an alternative product with a completely different set of features.

[alti-2.com](http://alti-2.com)

## Bagnatism

**A Belgian rigger has come up with what he claims is the solution to the age-old problems associated with the stowing of suspension lines on deployment bags using rubber bands or their equivalent**

Harry Swinnen has developed a parachute deployment bag, called the *mPOD*, which stands for *Magnetic Parachute Opening Device*. As the name suggests, Harry's idea is to replace the mouth-lock stow bands with a magnetic strip and the other stow bands with a 'stuff' pocket, as is common on reserve freebags. AAD manufacturers have assured him that the magnets will not affect the operating of an AAD. He claims that, at the end of 2009, more than 5,000 jumps had been put on his system.

Asked what the advantages are of this innovational concept, he summarised as follows:

- 1 No hassle changing broken rubber bands, as there are none to keep the bag closed.

- 2 There are no stiffener-plate tuck-in tabs (two on both sides, two on the bottom) to close the covering flap of the lines if you compare the bag to a *Lazy Bag*.
- 3 There's no need to use a stiffener plate on the bottom of the bag to strengthen the closure.
- 4 There's no need to use grommets on the bottom of the bag to keep it closed.
- 5 Stowing the packed canopy in the *mPOD* is easier and quicker.
- 6 Less risk of packing errors (especially by students) such as; usage of wrong rubber bands, making line stows outside the rubber bands too long (invoking a bag lock), or making line stows outside the rubber bands too short (creating a line dump).

'And what about the disadvantages?', we hear you shout. The list is quite short, Harry claims:

- 1 The bag is a little bit heavier, but this might be an advantage for people who have to wear a weight belt. An average *mPOD* weighs approximately 0.7 pounds (300 grams). This is about 50 per cent more than a normal rubber

band bag. On a rig with a tired pilot chute, the effect of this heavier weight is felt more quickly, *"but on the other hand, this may be a welcome early warning system to have your pilot chute replaced by a new one,"* Harry quipped.

[pgasus.be](http://pgasus.be)



Packing with the *mPOD* is quicker and easier than conventional deployment systems



The *mPOD* - a bag with no bungees!

2010  
april-june

# upcoming events

- 7.-11. April **Babylon Freefly Workshop**
- 23.-25. April **Fuxion Camp**
- 24.-25. April **Hot Weekender - Regan's Group**
- 8.-9. May **National League FS**
- 22.-23. May **Hot Weekender - Regan's Group**
- 2.-4. June **Swoop Flock**
- 4.-6. June **Fuxion Camp**
- 16.-20. June **Vector Festival**
- 26.-27. June **Hot Weekender - Regan's Group**



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LIZ ASHLEY >>

This new regular column aims to improve your safety by providing the latest knowledge, incidents and experience from around the country. It's great to learn from other mistakes and safer than making them yourself.

Liz Ashley, BPA Instructor and Rigger, will report on relevant incidents and look in particular depth at one of them. This is all about analysing the relevant equipment and decision-making issues in a little more detail, whether they're to do with wind limits, the age of your pilot chute or the differences between a Skyhook and a standard RSL. Liz will also give us some pearls of safety wisdom each issue in Safety Focus.

## Safety Focus

### Properly Connected

*"Big ring, middle ring, little ring... piece of string, yellow thing..."*

#### 3-Ring

The key to remembering how to assemble a 3-ring release system, or to check one on the flightline, is that each component only connects to the one next to it. So the little ring goes through the middle ring, and the middle ring goes through the big ring. But the little ring does **not** go through the big ring as well (see first 'wrong' photo). The 'piece of string', or retainer loop, then comes down through the little ring only, and passes through the grommet on the end of the metal cable housing. Finally the 'yellow thing' - the cutaway cable - goes through the loop to secure it all in place. (Photo: 'right' - side view)

#### RSL Connection

If there is an RSL (Reserve Static Line) then that has its own separate ring on the riser to attach to. It doesn't attach to any of the 3-rings and it mustn't go through them or around them. The RSL lanyard (often on velcro) must run cleanly to the reserve ripcord without going around either the main or reserve risers, and the small ring on the other end of the RSL then goes straight round the reserve ripcord, inbetween the guide rings if there are any.

As a short-term measure, if the jumper wants to disconnect their RSL for a jump but leave it still set up on the rig to be able to re-attach it later, it is important to securely tuck away the now-loose shackle end so it doesn't interfere with the main riser. If repeatedly jumping without an RSL, it is better to have your rigger remove it completely. A future Safety Focus will discuss the pros and cons of RSLs, as well as explaining the Skyhook option.

#### And Finally

There are dozens of ways to misassemble a 3-ring and/or RSL but only one correct way. If one side has been misassembled then the chances are that the same mistake could have been made on the other side too - so don't just check one side against the other as they might both be wrong!

Photos by Rick Boardman

✓ Right



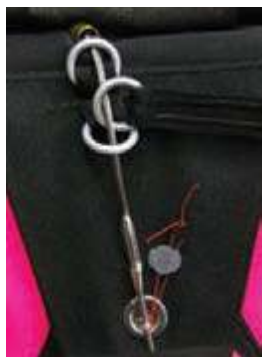
✓ Front View



✓ Side View



✓ RSL Correct



✓ Back View

✗ Wrong



✗ Small ring through big ring



✗ RSL on small ring



✗ RSL through 3-ring



✗ RSL not round ripcord

## INCIDENT REPORT

### Opening Shocker

A jumper (B Certificate) walked in from a jump complaining of a hard, diving opening on his large docile canopy. Common causes, such as bad body position, bad brake stowage and incorrect slider position, were all claimed not to have been the issue, so a rigger offered to watch him pack and give tips. It soon became clear that this was a fairly new and quickly progressed jumper who wasn't very confident in kit knowledge if put on the spot. After bagging the canopy, the jumper made a comment to the rigger about the importance of neat line stows, *"and the tab too, if it's visible"*. It turned out that on the previous pack job he had ended up with the tab from the end of one of the two draw-cords on the collapsible slider sticking out. Since this had never happened to him before, he wasn't sure what to do, so had neatly tucked it away in a mouthlock stow. This probably resulted in the slider becoming half collapsed on deployment, as the action of the bag lifting off the canopy would have pulled on the tab. The slider's job is to control the opening of the canopy; however this would have been hindered significantly by one half of it collapsing on opening! One side of the canopy would have inflated much quicker than the other, causing both the hard opening and the turn. On asking the jumper why he hadn't asked for help on the previous pack job, he replied that, since he had quite a lot of tunnel time he was jumping with people who had been in the sport a lot longer than he had, and so felt embarrassed when his basic skills on the ground didn't match up to his advanced skills in the air.

If in doubt, always ask!

#### REPORT IN CONFIDENCE

These kind of safety articles rely on people sending me their stories - so please do! Post to Liz Ashley, 49 York Road, Windsor, Berkshire SL4 3PA or email [eightwayliz@yahoo.co.uk](mailto:eightwayliz@yahoo.co.uk) - in complete confidence

## INCIDENT IN DEPTH

### On Thin Ice

*"I was doing a sunset 4-way at the end of a beautiful, but very cold, day's jumping. On exit the visor on my full-faced helmet immediately iced over and we funnelled. I wiped it with my glove, only to realise to my horror that the ice was on the inside and I couldn't clear it. I was effectively blind so had no idea where my teammates were and whether they could see me. By holding my altimeter right in front of me, I could just about read it, and I also had an audible. Meanwhile the other three jumpers' visors had also iced over but they'd managed to hang onto each other. One of them was wearing the only other audible on the jump, and in that knowledge the other two were hanging onto him! Break-off was interesting - although we tracked we couldn't be sure we were going away from each other, and one of us ended up pulling low. Under canopy only two of us managed to open our visors at first, with one managing it later after removing a glove. The last person managed to spot my bright canopy and follow my approach, going to half brakes when he thought he saw the flutter of my flare before piling in himself, visor still closed. We were all okay, but a bit shaken up by the experience."*

Cold weather jumping has a whole load of associated issues, as this jumper found out! The temperature drops by an average of 2°C for every thousand feet of altitude gained, although that can vary with other weather factors. If it's freezing on the ground, it can easily be -25°C at max, and that's before factoring in the 120mph wind chill. Some say there's no such thing as bad weather, only inappropriate clothing. Many jumpers wear lots of thin layers under their jumpsuit, along with glove liners under winter gloves. However going up dressed as Michelin Man isn't necessarily a good idea either, as it can restrict your motion. Always test on the ground to see whether you can make all the movements you'll need in the air. If wearing thick gloves, check that you can still locate and pull your handles (cutaway and reserve as well as main deployment) and consider whether you'll still be able to fit your hands through your steering toggles once the canopy is open.

#### Prevention

If wearing a full-faced helmet, avoid obvious mistakes like breathing warm air on it for the entire climb to altitude - you're asking for it to condense

***I wiped my visor with my glove, only to realise to my horror that the ice was on the inside***



*There's no shame in wearing a Pro-tec, shown by the Brit Chicks team photographed by Alan Thompson. Sometimes a Pro-tec is a safer choice.*



*Recent image of real jumper over South Cerney by Jez*

and even freeze once you leave the aircraft. Keep the visor open for the plane ride, and make sure you breathe in through your nose and out through your mouth once you close it on run-in. It's easy to spot as soon as your breath starts to fog it. The Operations Manual places a B Certificate minimum requirement on the use of full-faced helmets, a rule that is sometimes unpopular with A Certificate jumpers but there because of added complications such as this one. However possessing a B Certificate certainly doesn't mean that you 'should' wear a full-face, it just means that you're now considered experienced enough to choose for yourself. You can prevent the problem entirely by wearing an open-faced helmet, and if you don't have one then you can probably borrow a student Pro-tec from your dropzone. A snug-fitting neck warmer, pulled up over the mouth and secured under the chin-strap, can make up for the extra exposure. You may not look cool but at least you won't be cold! Another option is to wear a full-faced helmet but remove the visor and wear goggles

underneath instead. This still keeps your chin and neck warm and protected but hugely reduces the

chances of losing any vision due to icing or misting.

Some jumpers use anti-icing sprays, such as those used for motorcycle helmets, on the inside of their skydiving full-faced visors. However do check with the manufacturer of your particular helmet. Some, such as SkySystems who make the Factory Diver and Oxygn, actually pre-treat their visors and therefore specifically say NOT to put any other

product on the visor, even soap. Finally, there's no shame in deciding it's too cold to jump! While some of the prettiest jumps can be had over a lightly-frosted DZ, if it takes half an hour huddled round a hand-dryer to get feeling back in your fingers then maybe it's worth sitting it out.

#### Cure

Although the BPA Operations Manual says that wearing a helmet is mandatory, being under canopy with an iced-up visor that you can't open is a bit of an emergency situation! The last jumper in the scenario described could have considered removing his helmet completely under canopy as an emergency method of regaining vision - no CCI would argue with that decision. He could then have either perched it on his head or clipped it to his chest strap (or, as a last resort if he had to, dropped it).

If you choose to avoid cold weather issues by staying on the ground until the warmer months, then be aware of currency issues on your first jumps back after a layoff. Satisfy yourself that you can still deal with any emergency that may arise, and take it easy in freefall rather than challenging yourself with a complicated dive. If you don't have many jumps on your current canopy then it may be worth jumping something slightly larger at first. If in doubt, ask an instructor and don't be shy to run through some drills. If you're a student then you'll need your CCI's involvement after a layoff anyway, and this also applies to A Certificate jumpers after more than two months on the ground.

### And Finally

**I'll leave you with one last cold weather story, involving a jumper who slid in his landing before packing and going up again. Unfortunately he'd got wet mud on the closing loop, which froze solid after 20 minutes of climbing to altitude. Pull height came, and the container stayed firmly closed, as even once the pin was out, the now-rigid loop was able to hold the flaps closed for long enough to necessitate a reserve ride down to a safe landing.**

Stay safe  
Liz Ashley



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*Photo: Brit Chicks by Alan Thompson*



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## LANGAR

[skydivelangar.co.uk](http://skydivelangar.co.uk)

### ACHIEVEMENTS

**First freefall** Aurelie McKellican, Jonathan Francis, James Kerr, Jordan Roland

**Graduated AFF** Craig Stock, Ed Penny, Adrian Wilson **FS1** Daniel Vandenhende, Kev Brown, Lisa O'Kane

### JUMP NUMBERS

**50** Daniel Vandenhende, Kev Brown

### DON'T MISS

**Langar Boogie 1** 1-9 May with Jan's Beech 99

**Brian Vacher's Safe Flight School** 4-6 May

*First freefall for Aurelie McKellican by Tony Danbury*



*First lift in D-FLOH, 2000*



## Ten years ago

Hats off to the Langar runway snow-clearing team – their efforts meant we could take advantage of the blue skies when they arrived. The snowy DZ looked charming under canopy. Thanks to Brian Laithwaite who's organised skydives all winter.

25 February marked a milestone in our history. Ten years ago, our first Cessna Grand Caravan arrived at Langar, the start of our transition to an all-turbine operation. Four years later, a second Caravan replaced the venerable Cessna 206 (Charlie Echo) and we've gone from strength to strength ever since.

Plenty of you joined us for some night jumping action, raising 'ooohs' and 'aaahs' from the onlookers as glow sticks skated around the sky. Aurelie McKellican deserves a special mention – first freefall to 10 second delays in one day and a faultless performance.

Massive thanks to Keiron O'Rourke for our brand new website at [skydivelangar.co.uk](http://skydivelangar.co.uk) check it out and join our Facebook group for updates.

*Sarah Bailey*



*Three in a Row (Paul, Olivia and Audrey) by Airkix*



*Rachel and Martin get hitched, by Sandra Coast, Mountain Photography*

## LEWKNOR [londonparachuteschool.com](http://londonparachuteschool.com)

### Rachel makes an honest man of Martin?

Welcome back to the farm guys and gals – sorry for not being in the last issue but, as can be seen from the picture, I was just a little busy getting married to Rache!! We thank everyone who sent their best wishes and especially those who chose to come out to Whistler in Canada to watch it happen.

Everything is in place for the new season, G-EELS is returning, we have a huge AFF programme and a small amount of RAPS – if you consider 24 on the first course small!! Congratulations to James and Emma on the little James that is on the way (yes, I know it is terrifying) and the same to Rob Zealley and Emily who are expecting the pitter-patter of tiny Rob-like feet – why?!

*Martin Harris*

**"Why not take a long weekend in Cornwall during the summer and jump onto the beach?"**

Ben, Jan, Phil & Mark  
by Ross Houlston



## CORNISH

[cornishparachuteclub.co.uk](http://cornishparachuteclub.co.uk)

### All change!

For the new season we've made some changes. The business becomes another UK family-run DZ and we have brought our aircraft, G-AZRZ, the Cessna 206 from Hinton Skydiving Centre. Thanks to Geoff and Mike for their support over the past four years. We were glad the new engine arrived for the refit for the start of the season, many thanks to everyone involved.

We may also have a change of location. The landing zone will be moved to a larger area, further away from the sea. (We all agree this could be a good move!) Bodmin Airfield could prove to be very beneficial this year, as we can now use it with just 24 hours notice for our students and A-certificate holders.

Our beach jumps will be advertised on the website for suitably qualified jumpers. So why not take a long weekend in Cornwall during the summer, jump onto our spectacular airfield, then a sunset load onto the beach? The stunning beach at Perranporth is 3 miles long and 1.5 miles wide at low tide. Land on the beach, drop your kit and walk straight into the Watering Hole beach bar! Visit [cornishparachuteclub.co.uk](http://cornishparachuteclub.co.uk) for details, and [skydivemag.com](http://skydivemag.com) for more Cornish news and photos.



Ben lands on the beach by Dave Wood

Chris Wood

## CARK

[skydivenorthwest.co.uk](http://skydivenorthwest.co.uk)

### Surviving sub-zero temperatures!

With the weather still very cold, boarding Alpha Yankee was not for the faint-hearted! We couldn't believe that Tiff, Ady, Paddy, Joe, Steve and a few others actually camped out in tents and survived the sub-zero temperatures. Nothing to do with a little drink before bedtime, was it gang?!

We already have a few events planned and have moved our first Cark week to Saturday 29 May - Sunday 6 June. We will be organising extra-curricula activities, so bring the family down! With the forthcoming UKSL now confirmed 12-13 June, we will open on Friday 11 June so teams can make the most of the PAC XL 750. Jump prices will be discounted for teams practising, and the aircraft will be at your disposal all day. Give us a call if you're thinking of coming, especially if you need a cameraman as we'll ensure one is available.

Stu Morris

**"if you need a cameraman we'll ensure one is available"**

Dawn arrival by Stu Morris

#### ACHIEVEMENTS

CAT 8

Neil Cooper, Chris Raybone  
3200 JUMPS Steve Nolan

## HEADCORN

[headcornparachuteclub.co.uk](http://headcornparachuteclub.co.uk)

Alex by Lucy  
Smith-Willey



#### ACHIEVEMENTS

Cat 8, CH1 Nick Woods FS1 Nick Mentz

#### JUMP NUMBERS

50 Robert McIlvenny

#### DON'T MISS

Accuracy Grand Prix 1-2 May

Speed 10 comp - all welcome, 5-6 June

### Spring cleaning

Spring has reached Headcorn - or at least spring cleaning has - with lots of building and decorating projects. Our Caravan has returned after major maintenance, and modification was brought forward to ensure a trouble-free summer's flying - fingers crossed! The boys have been showing their expertise in bricklaying and 'knocking up' while the girls have decorated the classrooms. Skid Row is also on the agenda for a facelift, so we now just need some sun.

**"Chris Lynch was awarded a well-earned bronze medal of the Royal Aero Club"**

The Blue Skies award for our Student of the Year has deservedly gone to quiet, determined Matt Verrall. Chris Lynch was awarded a well-earned bronze medal of the Royal Aero Club. And Del Hopkins won the Plonker Award for driving his van across the grass area when it was waterlogged!

Ruth Cooper, Pete Sizer & Jane Buckle



Matt Verrall 'Student of the Year' by Clem

For more news from all UK clubs, visit the Club Zone at [skydivemag.com](http://skydivemag.com)



Grant, Chris & Trev on the first day out of the Caravan, photos by Mark Harris

## New plane, new team, new gear store

The Caravan arrived as planned and has been flying well, many thanks to all the pilots. Club members have come out en masse to take a look, with AFF student, Natalie Maxwell, from Scotland getting the furthest travelled prize. A BCPA event was socially great – shame about the wash-out weather. Thanks to all the students, you were great fun!

There has been a great deal of work behind the scenes. We now have a computerised manifest system, so goodbye to jump tickets. We also have a bigger reception and registration area. The bunkhouse is open again with

## UK PARA SIBSON

[skydivesibson.co.uk](http://skydivesibson.co.uk)

17 beds at just £5 a night. The Jump Shop will be arriving! Damien Hewitt will be based at Beccles and we will also have a full time shop at Sibson for all your skydiving gear. See [thejumpshop.co.uk](http://thejumpshop.co.uk) Jo Dawson will be running the manifest team and is looking for helpers, drop me a line if interested. Trev Dickson is running the tandem team, Paul Dorwood the AFF, Sarah Hall the video and Mark Harris the demo team. Thanks to everyone for their help. The guys from *Escondido* have also come on board and will be available for coaching at a bargain all-in price of £42 for a 2-way. Mark Harris continues wingsuit coaching with the *Top Gun* team, well done to Peter Colville for his first flight. I have to apologise to all our other great achievers as I have left the poster at the DZ! I'll make up for it next time.

Sarah has been elected Chairperson of the Social Committee; this was after a few beers, so I hope she remembers! The first social is on Easter Saturday.

We have a new members-only forum where you can post photos, videos and check out events, including Flocking, Docking, Blocking, Safe Flight School, Freely Weekend with Tim Porter, and our two Caravan weekends. To be invited to the UK Parachuting forum email me at [skydive@ukparachuting.co.uk](mailto:skydive@ukparachuting.co.uk)

Grant Richards



## NETHERAVON

[netheravon.com](http://netheravon.com)



DZ control bus by Phill Elston

## The big move

The whole operation has finally moved to the old AAC hangar at the far end of the airfield. Moving out after over 40 years took some doing – a big thank you to all who helped, especially all the JSPC staff who have worked hard to make the new building feel like home. Home is now very easy to spot, check out our DZ control bus!

The new centre opened mid February. Plenty of hardy souls braved the -27°C to get back in the air and plenty more came just to have a look round. Thanks to everyone who helped out so we could deal with such huge numbers. HEAT are running their popular canopy courses and we have some Skyvan weekends to look forward to. Keep an eye on [netheravon.com](http://netheravon.com) and [skydivemag.com](http://skydivemag.com) for events, news and photos.

Kath Salisbury

**DON'T MISS**  
Nemesis and Nimeton FS coaching weekends  
BCPA Southern 30 April - 3 May



Canteen by Phill Elston

## PARAGON

[paragonskydiving.co.uk](http://paragonskydiving.co.uk)

## Bye-bye Rob!

than a massive magnet for social misfits. Thanks Rob – that's something for us all to consider!

The General

**"parachuting is nothing more than a magnet for social misfits"**

Derek Thorne is in line to hit a major milestone in the birthday stakes (70). Good news Derek – you're only as old as the woman you're with, so that will knock a few years off for you – won't it Krys?!

The main DZ news is the retirement from the CCI's role by Rob Noble-Nesbitt. After eight years at Paragon, with seven of them planning his exit strategy, he's finally decided to spend more weekends with Maggie and relinquish his control of the weekend space cadets. Billy has offered to repay all that hard work and dedication with as many free jumps as Rob can manage. We genuinely wish you all the best for the future mate and please don't be a stranger. I asked Rob to reflect on his parachuting experience over 40 years. After thinking carefully he concluded convincingly that parachuting was nothing more



Rob Noble-Nesbitt by The General

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**"Friday nights see a new beer raffle for a free jump ticket"**



Freestyle exit by Mike McNulty

## HIBALDSTOW

[skydiving.co.uk](http://skydiving.co.uk)

Keep up to date with upcoming events – like our Skysaver weeks with jumps at £16 – at [skydiving.co.uk](http://skydiving.co.uk). and for more Hib news, go to [skydivemag.com](http://skydivemag.com)

Mike McNulty



Jenga record

## Raring to go!

Our bunkhouse has seen a new lick of paint and refreshment for the new season. A number of new rookie teams including *Shake, Rattle and Roll* and *Incognito*, are beginning their training, learning their slots, and dirtdiving like nutters. Hib bar has seen many returning jumpers like the Wakefield College military preparation

course and the York Uni students, with resident master of ceremonies Stu Ferguson leading the evening's games. Congratulations to Southy for breaking his standing-up-on-jenga-stack-while-building-it record! Friday nights see a new beer raffle for a free jump ticket – worth two slots if the winner manifests before 9am the following morning!

### ACHIEVEMENTS

CH1 Tim Hunt

### JUMP NUMBERS

50 Tim Hunt 100 Blyth Davis

600 Mike McNulty

1200 Jo Burns 2600 Blair Stent

## HINTON

[skydive.co.uk](http://skydive.co.uk)

## A shiny new hangar

Welcome to Chris 'Marksy' Marks, our new pilot, and his lovely girlfriend Natalee all the way from New Zealand and the USA. We have a lot of FS coaches at Hinton on a regular basis, many of who will happily pre-arrange jumping days with you. Call the DZ for information or to check if coaches are available. Our coached jumps are subsidised by the centre – £35 for a 2-way and £70 for a 4-way – so two slots for just £35 instead of £40!

We now have a shiny new hangar to keep our beautiful plane protected from the elements and we are putting in a new floor on the DZ control tower – Caroline, I am sure you will be pleased about that!



Damon Tai's 100<sup>th</sup> jump by Sean Astley

Find out about all the improvements making the DZ look amazing on [skydivemag.com](http://skydivemag.com)

Tally Ann Keith

### ACHIEVEMENTS

FS1 Hannah Corbet, Rich Madeley, Tom Anderson

AFF, Cat 8 & CH1 Jessica Heise

### JUMP NUMBERS

50 Claire Davies, Allen Russell, Bob Shears

100 Jenny Fitzstanley



Damon Tai and friends by Sean Astley

## SWINDON

[skydivelondon.co.uk](http://skydivelondon.co.uk)

## Snowdon summit

Brucie has purchased the remainder of the DZ from Tomo and Grant, and his power-hungry antics have seen new levels – he has now been nicknamed Kim Jong III and can be seen going east on Dakkalakka Street. He's invested in a mezzanine floor, freeing up the camera room and classroom. Big thanks to Luke, Buncey, Crazy Legs for their hard work and Em for the butties. Sarah and Joe have built a spangly new kitchen to replace the burger van.

Instead of a Christmas do, where we all get drunk and I get told off by the missus, Brucie and Em organised a trip to Snowdon. To say it was emotional is an understatement, with special mentions to Babs, Sara and Claire for just getting on with it while knee-high in snow on scree 300 feet high! Photos can be seen on Facebook – but Pieter will never forget the views!

By the time you read this Brucie will have turned 40 (I know, he looks older!), we look forward to celebrating. For more Swindon news, visit [skydivemag.com](http://skydivemag.com)

Dylan Griffith-Jones



Babs after walk by Janette



On top of peak two by Luke Shaw

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Oli Clark and Tom Derbyshire by Tom Owen

## PETERLEE

[skydiveacademy.org.uk](http://skydiveacademy.org.uk)

### DZ facelift

Now that the wind turbine threats seem to be under reasonable control, Ian's development plans are finally coming to fruition. The new hangar is taking shape and the reception area has been given a facelift. Now it hopefully won't be too long before we see the new accommodation and toilets – a day to celebrate for the fairer sex!



Hangar takes shape by Sue Scott



Steve Wood and Ralph Weatherburn by Paul Hardy

Welcome back to Andy Brumby, out of action lately due to a bad back. However, doesn't seem to have been bad enough to hold up his love life as he is now happily engaged, along with Steve Wood – but not to each other! Congratulations guys!

We're sorry to say goodbye to Ian Cessford, a tandem instructor at Peterlee, who's trekked from north of the border each weekend. Thanks for all your help Cess and we wish you blue skies working in Glenrothes back in bonnie Scotland. Paul Moore is discussing terms to come to work at Peterlee on a more permanent basis. Great news, Paul brings a wealth of experience and he's a local lad.

The 182 should be back very soon, we'll need it if last year's figures are anything to go by. John Horne has offered some intermediate coaching again this spring – not to be missed! Oh, and Dennis the dog has had his plums



Charles Adams by Paul Hardy

removed. Our thoughts are with you Dennis at this sensitive time. More Peterlee news and photos at [skydivemag.com](http://skydivemag.com)

Sue Scott

**"We're sorry to say goodbye to Ian Cessford"**

#### ACHIEVEMENTS

**First freefall** Charles Adams

**CH2 & JM1** Mike Lehan, Simon Minto, Nigel Peacock

#### JUMP NUMBERS

**50** Mike Lehan, Simon Minto, Nigel Peacock

**200** Harry Hill **400** Tom Owen

## WESTON

[skydiveweston.com](http://skydiveweston.com)

### Ash gets Skyvan rated

World Champion Sparky has taken over as AFF co-ordinator and already has all her students ploughing through their levels. If you've started your AFF and haven't jumped for a while, contact us or Sparky to continue. She can arrange tunnel coaching too. I've now passed my Skyvan course, so we hope to use the Skyvan, along with the Dornier on busy weekends.

Scotty completed his Skyvan groundschool and will also hopefully be qualified soon. Thanks to Tony De Bruyn! *Team Bodyflight* have started their quest for world domination with a series of training camps in Empuriabrava. They are planning an FS coaching weekend here in the summer. Good luck to them at the Bodyflight World Challenge.

Keep an eye on our website, join our Facebook group, and go to [skydivemag.com](http://skydivemag.com) for more Weston news and photos.

Ash Kemp

**"We hope to use the Skyvan, along with the Dornier on busy weekends"**

#### ACHIEVEMENTS

**Graduated AFF** Alex Lane, Chris Horbin, Mike Bunting, Kirk Wilson

#### JUMP NUMBERS

**100** Chris Mayhew

**200** Sam Lee

Sparky and Tex with Simon by Dorian Harwood



Team Bodyflight in Empuria by Alan Thompson



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Photo by Daniel Paquette

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**"torch the sky over Dunkeswell"**

**JUMP NUMBERS**

- 100 Guy Wells
- 300 Dan Guest
- 500 Paul Thompson
- 1000 Damo Hewitt

**DON'T MISS**

- Tim Porter's Tracking Weekend** 16-18 April (Limited slots)
- Chris Lynch's Canopy Training** 12-14 May (Registration £30 per day)

Twin Beech Boogie 09 by Andy Lovemore

## DUNKESWELL

[skydivethewell.com](http://skydivethewell.com)

### Ladies Formation Record

Team *Kinetic* have been organising freeflyers of all abilities and are available if you're looking to try something new or nail something that's not quite there yet! Congratulations to Pete Stone on having his metal removed and being on the mend after his cycling accident. Pete, stick to jumping, it's much safer!

2-5 April sees the girls' formation DZ record – party pictures next issue! Planes, planes and more planes, the rumours are true! Our super fast Beech 99 is planned to arrive in April and replace our Caravan. Summer 2010 will torch the sky over Dunkeswell! For more news and photos check out Club Zone at [skydivemag.com](http://skydivemag.com).

*Scoby*



Maddy 'Hippy' Kelly's 100th by Dan Guest

## TILSTOCK

[theparachutecentre.com](http://theparachutecentre.com)



Ian Rayner by Herbie Loureiro

**JUMP NUMBERS**

- 50 Katy Tsesmelis
- 6000 Chris Gilmore

**"With thirty-odd people arriving for the weekend, it's going to be a blast"**

### Welcome back Pat!

It was good to see CCI Pat Walters in the air again after an enforced layoff. By the time you read this, Tilstock on Tour 3 will be over.

Tilstock jumpers are descending on Empuriabrava for the annual early-season trip to the sun. We're coinciding with Regan's Hot Weekender 13 and Brian Vacher's Safe Flight School. With thirty-odd people arriving for the weekend, it's going to be a blast.

Katy Tsesmelis is taking over from me as club rep and she'll be looking for your news, stories, pictures and achievements. Good luck Katy, you'll need it!

*Colin Fitzmaurice*



Pat Walters back in the air by Herbie Loureiro

## RAPA

[jspcl-comdt@atgg.mod.uk](mailto:jspcl-comdt@atgg.mod.uk)

### Snow antics!

The year got off to a good start with all staff pre-training completed. Mother nature sent a foot of snow covering the DZ but it hasn't stopped the staff keeping busy, using the DZ vehicles to learn snowboarding!

We'll hold the Army and National canopy piloting event starting on 9 July, competitors are invited to train here beforehand. We welcome new staff members Ben, Tommy, Dean, Mark and Stu Storey. Mark Scobie and John Fay are leaving for pastures new, we wish them all the best.

*Andy Clark*



Rider Stu Storey and snowboarder Dean Hanbury, photo by Ben

# HAD A RESERVE REPACK RECENTLY? DID YOU GET....?

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# CLUB ZONE

For more news from all UK clubs, visit the Club Zone at [skydivemag.com](http://skydivemag.com)

## ACHIEVEMENTS

**Cat 8** Dean Crease, Matt Robinson, Alison Newton, Dom Leal, Paddy Thomas, Darren Cooper  
**FF1** James Langdale  
**600 Jumps** Paul 'Isaac' Newton



Our new hangar by Paul 'Isaac' Newton

The big build by Paul Newton



## UK PARA BECCLES [ukparachuting.co.uk](http://ukparachuting.co.uk)

### New dropzone is up and running

Tomo and Grant get stuck in by Paul Newton



We've had a great start to the year. Special thanks to all those die-harders who've been here to help, come wind, rain or snow! The new airfield is rocking now, going from a field to a fully operational DZ in just three short months. We now have an eight-bed bunkhouse, with shower facility too! Booking is advisable. The Skydive Café is up and running! There is even a farmers' market on the airfield twice a month.

We're really pleased to have the Jump Shop returning to UK Parachuting, with the main shop at Beccles, but also available at Sibson. A big welcome back to Damo and Sarah.

From canopy handling to wingsuiting we've got it all this year. Come and join us on Saturday 3 April for CH coaching and our Easter bash, at the Three Horse Shoes in Beccles. A prize for the best fancy dress should make for some interesting pictures. All event details are on Clubzone at [ukparachuting.co.uk](http://ukparachuting.co.uk)

Hannah Steele

## BLACK KNIGHTS

[bkpc.co.uk](http://bkpc.co.uk)

"book into one of the new luxurious bunkhouses"



Winter jumping at BKPC by Danny Rowlands

## ACHIEVEMENTS

**First freefall** Tracy McAlinden  
**Cat 8** Ian Hodgson, Jean-Philippe Dufraigne  
**FS1** Matt Wall, George Glass, Jason Hobbs, John Norrington  
**CF1** Zoe Farrell  
**CH2, JM1** Dave Belsire  
**JUMP NUMBERS**  
**50** Jayne Girdham  
**100** Mario Morbelli



Sirius by Chris Southworth

### Now open Fridays and midweek!

The DZ is now open Fridays along with one full week each month until the end of September. Easter weekend will see our first open week, dust the cobwebs off those tents or book into one of the new luxurious bunkhouses! Megan Bee is organising one of her shindigs, this time a Medieval fancy dress theme on Easter Saturday (3 April) - worryingly, the guys are looking forward to wearing tights! Dunc took up a dangerous winter hobby of sledging with the kids and ended up with his ankle in plaster - stick to safer stuff like skydiving! After last year's success, 4-way team *Sirius* (pictured), are very proud to be sponsored by BKPC, and

are moving up to AA. The team will train at BKPC and are always available for tips. *Karma* are also competing for a second year, stepping up a gear into single A with a new line-up.

Tony Strugnell, 747 pilot extraordinaire, worked hard for his CSBI and is now working towards his CSI. Another new kid on the block (well, old really) is cameraman Lee Rhodes who's going for his tandem rating.

The wind tunnel trips have been in great demand and are booking up fast - let Jeff know if you're interested.

After BKPC sponsoring three prizes for the general public at the AGM raffle, the winner of the AFF level 1 and tandem are booked in and raring to go, while the winner of the RAPS course is counting off the days to her 16<sup>th</sup> birthday!

Sam Davis



## COMPETITIONS AT NETHERAVON IN 2010

### BCPA Southern Regionals 1-3 May

Open to all BCPA teams, and non-affiliated teams are welcome to attend.

Events include accuracy and 3-way FS, followed by load organised jumps from the Skyvan.

### UK Skydiving League 22-23 May

The first competition of the 2010 UK Skydiving League calendar.

Even if you're not a hardened competitor with ambitions at the British Nationals, this is guaranteed to be a fun and 'sociable' event.

### 'The Armies' 7-13 August

Events include 4-way, freestyle, freestyle, canopy formation and accuracy.

Open to both military and non-military – an ideal training opportunity just before the 4-way Nationals! Priority at the weekend is given to those teams not available during the week.

### 8-way Speed 14-15 August

As well as the prize for the fastest time, there is also a 'drinkable' prize for the best subsequent formation.

### FS Scrambles 4-5 September

### Freely Scrambles 11-12 September

Minimum experience level is FS1/FF1. Register as individuals and you'll be put into mixed ability teams.

**The winning teams will be reimbursed all of their jump tickets; half reimbursed for the second placed teams.**



**Also, check out the events calendar at [www.netheravon.com](http://www.netheravon.com) for details of:**

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  - Load organising, including Skyvan weekends.
  - Wingsuit weekends with Tony Uragallo.
  - Safety weekends.
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- and much more...

Photograph: Army Nemesis by Ian Ridpath

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**May 22 - 24:** FREEFLY ORGANIZING WITH World Cup Champion  
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**June 26:** NJ POPS State Record

**June 19-20:** Sunpath Demo Weekend with Chris Talbert

### JULY 4TH WEEKEND

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Luis Prinetto organizing freefly

Roger Ponce organizing challenge RW

KARP CUP Memorial 4-Way Fun Meet

Fireworks

Party under the stars Saturday after jumping

**July 8 - 11:** ROGER PONCE INVITATIONAL Big-Way Sequentials

**July 24:** NJ SOS State Record

**July 30 - Aug 1:** CANOPY SKILLS COURSE  
Champion Canopy Pilot JEFF PROVENZANO

**Aug 21st:** CK FREEFLY MONEY MEET for all skill levels  
Organized by CK Freely's Jason Wright

**Aug 26 - 29:** RAINBOW BOOGIE Returns!

**September 4-6:** CROSS KEYS, THE MUSICAL  
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## BCPA

[bcpa.org.uk](http://bcpa.org.uk)

### BCPA on the Podium!

There was a huge BCPA presence at the BPA AGM due in no small part to all our students on the podium during the awards ceremony. Huge congratulations to *Enigma* who took AAA 4-way bronze, *Nimeton* for rookie 4-way gold and George Glass for New Skydiver of the Year! Surely a sign that the BCPA mean business! Our own talk about the modern BCPA was extremely well attended. Many thanks to all who contributed, it was good to get such positive feedback and valuable opinions on how we can improve.

In the last issue we were preparing for the first BCPA Indoor Skydiving Championship at Manchester Airkix. The event was truly awesome. Check out Club Zone at [skydivemag.com](http://skydivemag.com) for our review! Thanks to the many fabulous

coaches who volunteered time; Sparky, Andy Scott, Dave Honeybone, Nick Whiteley, Matt Gough, Ed Morley and Will Cooke.

#### INDOOR CHAMPIONSHIP POINTS

- 1 Warwick - 168
- 2 Loughborough - 92
- 3 Southampton - 72

As you read this more than 100 very lucky BCPA members are enjoying themselves at Perris, California. Everyone has their 'over' 21 ID ready! Congratulations to Chris & Jill Judd, who were married in a beautiful ceremony at the Mansion House in Edinburgh Zoo. There were some reports of animals breaking out from the zoo early next morning but I'm happy to confirm it was just BCPA members stumbling back to their hotel rooms!

*Garrick Taylor*



Partying at the AGM



Chris & Jill Judd get married



Will Cooke by Michaelangelo Siracusa

#### DON'T MISS

- Southerns** 30 Apr-3 May, Netheravon
- Scots** 28-31 May, Strathallan
- Northerns** 2-4 July, Hibaldstow
- BCPA Nationals** 14-18 July, Cark

## BRIDLINGTON

[skydivegb.com](http://skydivegb.com)



Nick Davison more stable than usual

### Brid is back!

Same place, different name and under new management! After the fire in 2008, the Yorkshire skies have been devoid of skydivers but, following a massive clean-up operation, we'll be gracing the air once again. Huge thanks go out to everyone who has helped and supported us during the past couple of months - particularly Steve 'Ninja' Perkins, who's been here every weekend painting and clearing the debris, Allan Darby who's clearing the overgrowing weeds and grass, and Steve Watts who's been providing machinery and is essentially a one-man demolition team on his own! We're still without a hangar but, after a bit of creative rearranging of portakabins - there's plenty of space. The raising of the windsock created a bit of a stir - a few of the old regulars saw it from the main road and paid us an excited visit. We hope to see all the regulars back for the fun and games we used to have here!

*Alec Flint*

## SOUTH CERNEY

[skydivesouthcerney.co.uk](http://skydivesouthcerney.co.uk)

### Time for a BBQ?

Our very own Biggles (Luke Roberts) was dragged kicking and screaming from the SMG and strapped to Paul Kendall for a tandem. Well done Luke. Congratulations to Wez Weston, Jez Cooper and Lewis Harmer on their A-Licence; Rachel Hayes and Stella Guidling on their C-Licence; and Imogen Parsons on her FS1 after just 32 jumps, fantastic! We're back in the swing at Cerney with progression briefs, packing lessons, FS & FF coaching most weekends. Who knows, we might even get to use the BBQ?!



Luke Roberts with Paul Kendall by Big Al

*Paul Gibbs*



First lift of 2010, by George Clack

#### ACHIEVEMENTS

- First freefall** Sandie Morgan
- FS1** Imogen Parsons
- FF1** Rachel Hayes

#### JUMP NUMBERS

- 2000** Matty Holford

# CLUB ZONE

For more news from all UK clubs, visit the Club Zone at skydivemag.com

## WILD GEESE

skydivewildgeese.com

### Martin's last word

The big news is the Irish Swoop Team (aka Rod McCrory) came a highly respectable 28<sup>th</sup> overall in the Dubai Parachute Championships and, after the first speed round, was ranked as high as 12<sup>th</sup>. I won't go on about how jealous we all are!

The first weekend of May sees the Wild Geese anniversary weekend, with a BBQ, an 8-way scrambles and formation loads, Gordon Hodgkinson and ex-national German 8-way Colm McGovern are confirmed as organisers.



Team Ireland

We wish our new arrivals well. Gooky & Jo welcome twins while Francis & Jade have a new baby, Isabelle. This is my last club news as I'm departing for London. It's time for someone else to realise they're late submitting the news and have to throw something together in a blind panic!

Martin McLaughlin

"how jealous we all are!"

#### ACHIEVEMENTS

First freefall

Remi Bond,  
Alex Biggerstaff



Self-portrait over Palm Islands by Rod McCrory

## CHATTERIS

ukskydiving.com

### Twin Otter has arrived!

Our Twin Otter has arrived at Chatteris! We are currently sorting out the paperwork and getting it ready for jumping – hopefully we'll have it up and running soon. Well done to Tim Hanlon who is now a CSBI. Also, welcome to Rowena Owen and G Watkins – the new additions to our full-time staff. Congratulations to Si Chipp for flying his 2,000<sup>th</sup> Nomad hour. Everyone enjoyed their winter breaks and are all refreshed for what we hope will be a great 2010.

Lorraine Dixcey

"We are all refreshed for what we hope will be a great 2010"



#### ACHIEVEMENTS

Cat 8 Greg Munday  
3000 Jumps, 36 hours  
freefall Lorraine Dixcey

Boxing Day balloon jump by Lorraine Dixcey

## POPS

pops.org.uk



Keith Lynch exits over BKPC by Jim Stevenson

### Dick Barton's last word

Training weekends for the SOS big-way record have been set; 17-18 April at Weston, contact Caroline on caroline@vinecot.fslife.co.uk and 1-2 May at Langar, contact Brian on brian@ac2bility.com.

POPS has more than 1,000 listed members. While many of these will no longer be active, and also given that some members joined (or were joined) on their 40<sup>th</sup> birthdays without expecting to participate, there are countless members who know that POPS can be interesting, challenging, rewarding and friendly while still remaining competitive.

The tenure of Top POP UK is normally three years. I have completed more than four years now and have warned everyone that I would shortly move permanently to live abroad. Unfortunately no-one has stepped up to replace me. This photo shows a skydiver making a very rapid exit and, much as I will never look as good as that, my exit is just as final.

Dick Barton

#### DON'T MISS

SOS Training 17-18 April, Weston  
SOS Training 1-2 May, Langar  
EuroPOPS 8-9 May, RAPA  
POPS World Meet 4-12 June, Reggio Emilia, Italy  
POPS UK 10-11 July, Weston

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# DROPZONE

## FOCUS



'Geordie', aka John Page, CCI of Skydive London, talks to Lesley Gale



Leonie Needham  
FS Coach



**Skydive London**  
Redlands Airfield  
Redlands Farm  
Wanborough  
Swindon SN4 0AA  
01793 791 222  
info@skydivelondon.co.uk  
skydivelondon.co.uk

### How long have you been CCI?

I started as CCI at Skydive London in 2005 and I have been there ever since.

### Why did Skydive London choose you?

I knew Brian Poole who was one of the owners at the time. He came to visit me at home and offered me the position. I wasn't the first choice!

### Who owns and operates the DZ?

The DZ opened as Skydive London in 2005, however it had been used by other people before the current operation was established. The DZ is now owned solely by Richard Johnson (Brucie), although in the five years he's been here he has had other partners. His approach is always to make the centre better. Having been here from the beginning, I see this every week. People say 'Rome wasn't built in a day', but Brucie wasn't on that job!

### Is Skydive London anywhere near London or is it a good marketing ploy?

Yes and yes. It's 62 miles - that's not that far away!

### What type of students do you mostly get?

Of course we get a lot of tandem students, but we still actively encourage RAPS and AFF.

### Do they come back for more?

Sadly not as much as we would like but, with discounts available on courses for those that have done tandems with us, we try our best.

### What aircraft do you operate?

A Gippsland GA8 Airvan. It's a piston, so if you're expecting a climb as quick as King Air or a Dornier then you're going to be a tad disappointed. Its climb comparison would be to a Cessna 206, but it is a lot more comfortable and with extra capacity. It takes seven or eight jumpers depending on the fuel cycle.

### Do you have any altitude restrictions?

We have a 10,000 feet altitude limitation due to operating in controlled airspace with a piston aircraft. When we had the Caravan in from UK Parachuting we were getting 13,000 feet, but the local ATC is not going to want our Airvan climbing in the air lane for prolonged periods of time.

### What is there for experienced jumpers?

We have quite a good social scene and, although we may not always have the right people on the DZ, you can guarantee that we can point you in the right direction.

### Tell me about your social scene

Local pubs are great, a small village that boasts several pubs is always a plus. We now have a home-built DZ fire pit, which is brilliant. The regulars really appreciate it because they contributed to it. Standing around drinking in the evening at a cold DZ can be a depressing experience - add a fire pit, some alcohol and tell a few stories, and it becomes quite good fun.

If you do become a regular at the centre, you are advised not to profess your love for an item of clothing then leave it lying around - that baby-blue jumpsuit is better travelled than most of us on the DZ.

DZ owner, Brucie  
(Richard Johnson)



### What are the most popular disciplines?

FS, but people tend to use us more to learn other skills such as instructional training and camera jumping.

### Do you offer coaching?

We can offer coaching, mainly towards FS1, and have been lucky enough to have Leonie Needham doing FS coaching with our newly qualified jumpers. This has been a great plus for the centre.

If I'm honest, I think that operating from 10,000 feet makes it a lot harder to progress. Equally, Brucie is a realist and will not think twice about advising people of the opportunities at other DZs.

### Do you welcome visitors?

Yes, I think that most people who have visited the DZ would agree that we try to make visitors very welcome.

### Can jumpers just turn up at the DZ?

By all means, people are welcome just to turn up, but if you want to do a shed-load of jumps, you may be disappointed. If you're passing by and just think 'I fancy a lob', then you'll find us very receptive. Of course, if you want us to bump ten of the tandems that we had booked in, just for you, then you may find we are a little sharp.

# Skydive London



The new Tailwind Café

*"If Brucie continues to improve the centre the way he has, and at the pace he has, nothing would surprise me in the future!"*

**You were on the BPA Council; was that on behalf of your DZ or as a personal interest?**

I was on Council for four years and was already a Council member before taking up my role at Skydive London. So I was certainly not on Council on behalf of the DZ. Anyone that knows me is well-aware I am very pro-BPA and want the best for all its members.

**Do you have any comments about Council?**

It's easy to criticise from the sidelines. Everyone on the Council has my respect merely for offering their time. I would also prefer to see more people voting - the jumpers at Skydive London know this only too well.

**What are the local attractions?**

The Houses of Parliament, Madame Tussards, Big Ben... Okay, maybe we aren't actually in London, so you could check out Swindon! It has a great outlet centre and the Cotswold Water Park is just up the road.

**How would you like to see the DZ develop?**

Perhaps this is pushing my luck following all the improvements made over the winter, but I think a Turbine aircraft would be great.

Over the closed season, the burger van has made way for the Tailwind Café (huge thanks to Joe and Sarah for this) and Buncie and Brucie have been reliving their Meccano days putting in the mezzanine floor.

If Brucie continues to improve the centre the way he has, and at the pace he has, nothing would surprise me in the future!

**Contact Skydive London:  
info@skydivelondon.co.uk**



Photos:  
Luke Ingram, Howard White, Steve Bunce  
Martin Heywood-Wakeman, Stuart Meacock

# ALTITUDE AWARENESS

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photos: Norman Kent

## VISO

- Visual altimeter
- Digital accuracy
- Datalogging for review
- Back-lit face
- Hand or wrist mounted
- Accessories available
- Long lasting batteries
- Playback of jumps
- Water-Resistant
- Freefall speed measurement
- Standard or Metric



## SOL

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- Digital accuracy
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# DROP ZONES

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01524 791 820  
bkpcinfo@googlemail.com  
bkpc.co.uk  
*Cessna 185, Turbine Porter*

## 2 Bridlington

**Skydive GB**  
East Leys Farm, Grindale Road,  
Bridlington, E Yorkshire YO16 4YB  
01262 228 033 / 07595 952 802  
info@skydivegb.com  
skydivegb.com  
*Cessna 206*

## 3 Cark

**North West Parachute Centre**  
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DZ: 01539 558 672  
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skydive-northwest@totalise.co.uk  
skydivenorthwest.co.uk  
*PAC 750XL*

## 4 Chatteris

**North London Skydiving Centre**  
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March, Cambs PE15 0EA  
DZ: 01354 740 810  
T: 0871 664 0113  
info@ukskydiving.com  
ukskydiving.com  
*Twin Otter, Nomad*

## 5 Cornish

**Cornish Parachute Club**  
Perranporth Airfield,  
Higher Trevellas, St Agnes,  
Cornwall TR5 0XS  
01872 553 352 / 07790 439 653  
cornishparachuteclub@hotmail.co.uk  
cornishparachuteclub.co.uk  
*Cessna 206, guest aircraft*

## 6 Dunkeswell

**Skydive UK Ltd**  
Dunkeswell Airfield, Dunkeswell,  
Devon EX14 4LG  
01404 890 222 / 07718 638 000  
info@skydiveukltd.com  
skydivethewell.com  
*Cessna Caravan*

## 7 Headcorn

**Headcorn Parachute Centre**  
Headcorn Airfield, Headcorn,  
Kent TN27 9HX  
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headcornparachuteclub.co.uk  
*Cessna Caravan, Islander*

## 8 Hibaldstow

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skydiving.co.uk  
*Dornier G92 twin turbine, SMG-92 single turbine, Cherokee 6*

## 9 Hinton

**Hinton Skydiving Centre**  
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Northants NN13 5NS  
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skydive.co.uk  
*PAC 750XL*

## 10 Jersey

**Skydive Jersey Ltd**  
States Airport, St Peter,  
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info@skydivejersey.net  
skydivejersey.net  
*Airvan, guest Turbines*

## 11 Langar

**British Parachute Schools**  
Langar Airfield, Langar,  
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01949 860 878  
info@skydivelangar.co.uk  
skydivelangar.co.uk  
*2 Cessna Grand Caravans, guest Skyvan*

## 12 Lewknor

**London Parachute School**  
The Byre, Woods Farm,  
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Berks RG40 3AE  
0845 130 7194  
info@londonparachuteschool.com  
londonparachuteschool.com  
*Islander, Cessna Grand Caravan*

## 13 Netheravon

**Army Parachute Association**  
Airfield Camp, Netheravon,  
Salisbury, Wiltshire SP4 9SF  
01980 628 250  
generalenquiries@netheravon.com  
netheravon.com  
*2 Cessna Caravans, guest aircraft*

## 14 Paragon

**Paragon Skydiving**  
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Perthshire PH2 7TB  
01821 642 454  
billy.gollan@btinternet.com  
paragonskydiving.co.uk  
*Cessna 182*

## 15 Peterlee

**Peterlee Parachute Centre**  
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Co Durham DH6 2NH  
0191 517 1234  
enquiries@skydiveacademy.org.uk  
skydiveacademy.org.uk  
*Airvan, Cessna 182*

## 16 Salisbury

**Skydive Southcoast Ltd**  
Hangar 3, Old Sarum Airfield,  
Old Sarum, Salisbury SP4 6DZ  
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info@skydivesouthcoast.co.uk  
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*Cessna 206*

## 17 Skydive Sth Cerney

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info@skydivesouthcerney.co.uk  
skydivesouthcerney.co.uk  
*Finist SMG*

## 18 St Andrews

**Skydive St Andrews**  
Osprey Road, Fife Airport,  
Glenrothes KY6 2SL  
0845 189 5865  
skydivestandrews@mail.com  
skydivestandrews.co.uk  
*Cessna 185, Turbo Cessna 206*

## 19 Strathallan

**Skydive Strathallan**  
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Perthshire PH3 1LA  
DZ: 01764 662 572  
T: 07774 686 161  
kbrady@btinternet.com  
skydivestrathallan.co.uk  
*3 Cessna 206, guest Turbine*

## 20 Swansea

**Skydive Swansea**  
Swansea Airport, Fairwood,  
Swansea SA2 7JU  
07779 019 655  
info@skydiveswansea.co.uk  
skydiveswansea.co.uk  
*Turbine Islander*

## 21 Swindon

**Skydive London**  
Redlands Airfield,  
Redlands Farm, Wanborough,  
Swindon SN4 0AA  
01793 791 222  
info@skydivelondon.co.uk  
skydivelondon.co.uk  
*Airvan*



## 22 Tilstock

**The Parachute Centre**  
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Shropshire SY13 2HA  
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skydive@theparachutecentre.com  
theparachutecentre.com  
*Cessna 206, Airvan*

## 23 UK Para Beccles

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Beccles Airfield, Ellough,  
Beccles, Suffolk NR34 7TE  
01502 476 131  
jump@ukparachuting.co.uk  
ukparachuting.co.uk  
*Cessna Caravan*

## 24 UK Para Sibson

**UK Parachuting**  
Sibson Airfield, Wansford,  
Peterborough PE8 6NE  
01832 280 490  
skydive@ukparachuting.co.uk  
skydivesibson.co.uk  
*Cessna Caravan*

## 25 Weston

**Skydive Weston**  
RAF Weston on the Green,  
Bicester, Oxon OX25 3TQ  
01869 343 201  
skydiveweston@fsmail.net  
skydiveweston.com  
*G92 Dornier, guest aircraft*

## 26 Wild Geese

**Wild Geese Skydive Centre**  
Movenis Airfield, 116  
Carrowreagh Rd, Garvagh, Coleraine,  
Co Londonderry, N Ireland BT51 5LQ  
028 2955 8609  
jump@skydivewildgeese.com  
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*Cessna 206, Cessna Caravan*

## BPA Overseas Affiliated DZs

### Cyprus

**Cyprus Parachute Centre**  
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Dhekelia Garrison, Cyprus,  
0035 724 744337  
info@skydivecyprus.com.cy  
skydivecyprus.com.cy  
*PBN Piston Islander*

### RAPA

**Rhine Army Parachute Association**  
Flugplatz, Bielefelder Strasse, 33175,  
Bad Lippspringe, Germany  
0049 5254 982 2378  
jpspl-comdt@atgg.mod.uk  
*Turbine Islander, Quest Kodiak, Dornier G92 on call*

## Parachuting Societies

### BCPA

**British Collegiate Parachute Assoc.**  
Contact: Sam Lee, BCPA Chairman  
07912 526642  
mail@bcpa.org.uk  
bcpa.org.uk  
*A community for university skydivers*

### POPSUK

**Parachutists Over Phorty Society**  
Contact: Dick Barton, Top POP  
9 Mansion House Mews,  
Pickwick Road, Corsham,  
Wilts SN13 9BB  
01249 701805 / 07860 559112  
dbarton@fsmail.net  
pops.org.uk  
*A society of skydivers over 40*

### SOS UK

**Skydivers Over Sixty**  
Contact: Niels Hanson  
Flat 14, 21 Victoria Sq, Clifton,  
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*A society of skydivers over 60*



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# EVENTS ZONE

For more event details, visit the Events Zone at [skydivemag.com](http://skydivemag.com)

## Sequential 200-way



Willy Boeykens

The Square One 200-way sequential event, 20-24 October 2010, at Skydive Arizona, Eloy, USA has been announced. The goal is to complete a two point 200-way, which would be an unofficial world record. The previous record, a two point 139-way, was organised by Guy Wright at Zephyrhills on 31 March 2007. There is not an official FAI world record category for big-way sequential as the clarification of what constitutes a second point is problematic.

The all-star line-up of organisers is Tony Domenico, Kate Cooper-Jensen, Larry Henderson, Doug Forth, Tom Jenkins, BJ Worth, Josh Hall, Pal Bergan, Dieter Kirsch, Milko Hodgkinson, Lesley Gale, Patrick Passe, Roger Ponce de Leon, and Alia Veselova. Multiple aircraft will be flying to 18,000 feet, using oxygen.

[p3skydiving.com](http://p3skydiving.com)

## Royal Aero Club Awards Ceremony



Royal Aero Club Awards ceremony 2009 by [fergusburnett.com](http://fergusburnett.com)

The 2010 Royal Aero Club Awards evening will be held on Tuesday 27 April at the RAF Museum in Hendon. This prestigious event celebrates the achievements of UK aviators and behind-the-scenes personnel from all aspects of sport flying. The awards will be presented by HRH the Duke of York. Guests will be able to look around the RAF Museum prior to the ceremony. Early booking is advisable.

Representing the BPA, *Volare* will receive a Royal Aero Club gold medal in recognition of their victory at the 2009 World Cup and European Championships. Also up for awards are Chris Lynch with a RAeC bronze medal and Ian 'Wobby' Robertson for a certificate of merit. Sparky will also receive the FAI Sabiha Gökçen medal.

[royalaeroclub.org](http://royalaeroclub.org)

## KEY

**BPA EVENTS**  
**CANOPY PILOTING**  
**FORMATION SKYDIVING**  
**CANOPY FORMATION**  
**STYLE & ACCURACY**  
**BOOGIES/FUN**  
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## APRIL

- 1-5 Easter Boogie**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 2-4 Safe Flight School**  
Hibaldstow • [safeflightschool.com](http://safeflightschool.com)
- 2-5 Easter Boogie**  
Seville, Spain • [skydivespain.com](http://skydivespain.com)
- 2-5 Girls Formation DZ Record**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 2-5 Easter Mini-boogie**  
Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)
- 2-11 BPA CF Roadshow**  
BKPC • [bkpc.co.uk](http://bkpc.co.uk)
- 3-4 World Challenge**  
Bodyflight Bedford • [worldchallenge.info](http://worldchallenge.info)
- 3-4 Flocking Weekend**  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)
- 3-5 Easter Boogie**  
Prostejov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)
- 3-11 Spring Boogie**  
Marche, Italy • [skydivemarche.com](http://skydivemarche.com)
- 4-10 Go Vertical Spring**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 5-9 Skysavers**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 6-9 Easter Open Week**  
BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)
- 7-11 Freely Workshop**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 8 STC & Riggers Meetings**  
BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)
- 9-11 Safe Flight School**  
Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)
- 9-11 Escape to Elsinore Boogie**  
Elsinore, USA • [skydiveelsinore.com](http://skydiveelsinore.com)
- 10-11 Sticker Fest**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 10-11 FS Scrambles**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 15-18 Back to the Future II**  
Eloy, USA • [skydiveaz.com](http://skydiveaz.com)
- 16-18 Tracking Weekend**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 16-18 Blocking Weekend**  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)
- 17-18 Canopy Handling & Accuracy**  
Headcorn • [headcornparachuteclub.co.uk](http://headcornparachuteclub.co.uk)
- 17-18 2-way FS Competition**  
Prostejov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)
- 17-18 SOS Big-way Training**  
Weston • [pops.org.uk](http://pops.org.uk)
- 20 BPA Council Meeting**  
BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)
- 22-25 Free 2 Fly**  
Rotterdam • [skydiverotterdam.com](http://skydiverotterdam.com)
- 22-25 Big-way Tune-up**  
Spaceland, Texas • [bigways.com](http://bigways.com)
- 22-25 Head-down Formation Skills**  
Teuge, Holland • [toratora.nl](http://toratora.nl)
- 23-25 Safe Flight School**  
Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)
- 24-25 FS Camp**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 24-25 BPA FF Roadshow**  
Cark • [skydivenorthwest.co.uk](http://skydivenorthwest.co.uk)
- 24-25 Hot Weekender**  
Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)
- 24-25 Season Opener Boogie**  
Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)
- 26-30 BPA Inst Course (Tan/AFF/Pre-Adv)**  
Hibaldstow • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)
- 27 Royal Aero Club Awards Ceremony**  
RAF Museum, Hendon • [royalaeroclub.org](http://royalaeroclub.org)
- 28-30 Safe Flight School**  
Dunkeswell • [safeflightschool.com](http://safeflightschool.com)
- 28-May 3 Progression Week**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 29-30 Wingsuit Course**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 29-May 2 Big-way Camp**  
Perris Valley, USA • [p3skydiving.com](http://p3skydiving.com)

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- Demo Gear Available



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Brackley, Northants NN13 5NS

Tel: 01295 812101

Email: [sales@dzsports.com](mailto:sales@dzsports.com)

For more event details, visit the Events Zone at [skydivemag.com](http://skydivemag.com)

- 29-May 2 Free 2 Fly**  
Texel • [paracentrumtexel.nl](http://paracentrumtexel.nl)
- 29-May 2 BPA CF Roadshow**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 30-May 2 Freely Camp**  
Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)
- 30-May 2 FS Scrambles**  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)
- 30-May 2 Animal House Boogie**  
Terni, Italy • [the-zoo.it](http://the-zoo.it)
- 30-May 3 Freely Weekend**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 30-May 3 BCPA Southern**  
Netheravon • [bcpa.org.uk](http://bcpa.org.uk)

## MAY

- 1-2 Accuracy Grand Prix**  
Headcorn • [headcornparachuteclub.co.uk](http://headcornparachuteclub.co.uk)
- 1-2 Bridge the Gap**  
Elsinore, USA • [skydiveelsinore.com](http://skydiveelsinore.com)
- 1-2 SOS Big-way Training**  
Langar • [pops.org.uk](http://pops.org.uk)
- 1-3 Funshine Boogie UK**  
Hibaldstow • [funshineboogie.com](http://funshineboogie.com)
- 1-3 8-way Scrambles**  
Wild Geese • [skydivewildgeese.com](http://skydivewildgeese.com)
- 1-3 Freely Weekend**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 1-3 Canopy Flight Workshop**  
Tortuga, Italy • [skydivetortuga.com](http://skydivetortuga.com)
- 1-4 2-way, 4-way, 10-way Comp**  
Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)
- 1-9 Langar Boogie 1**  
Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)
- 3-7 Skysavers**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 4-6 Safe Flight School (Basic/Adv)**  
Langar • [safeflightschool.com](http://safeflightschool.com)
- 4-7 Spring Open Week**  
BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)
- 6-9 100-way Camp**  
Perris Valley, USA • [p3skydiving.com](http://p3skydiving.com)
- 7-9 Freely Weekend**  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)
- 7-9 Freely Camp**  
Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)
- 8-9 EuroPOPS**  
RAPA, Germany • [pops.org.uk](http://pops.org.uk)
- 8-9 Big-way Introduction**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 8-9 BPA FS Roadshow**  
UK Para (Beccles) • [ukparachuting.co.uk](http://ukparachuting.co.uk)
- 8-9 National League**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 12-16 Wing Tips Canopy Flight Training**  
Dunkeswell • [gottaflychris@yahoo.co.uk](mailto:gottaflychris@yahoo.co.uk)
- 14-16 Freely Weekend**  
UK Para (Beccles) • [ukparachuting.co.uk](http://ukparachuting.co.uk)
- 14-16 Blocking Weekend**  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)
- 14-16 Safe Flight School**  
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- 14-16 FF Film Festival**  
Elsinore, USA • [skydiveelsinore.com](http://skydiveelsinore.com)
- 15-16 CF Grand Prix**  
South Cerney • [skydivesouthcerney.co.uk](http://skydivesouthcerney.co.uk)
- 15-16 40-ways**  
Spaceland, Texas • [bigways.com](http://bigways.com)
- 17-19 Freely Camp**  
Skydive Spain • [volare-freely.com](http://volare-freely.com)
- 17-21 BPA Inst Course (CSBI/TBI/AFFBI/Adv)**  
Strathallan • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)
- 17-23 Twin Beech Boogie 1**  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)
- 21-23 Safe Flight School**  
Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)

## 1-on-1 coaching with Volare

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[info@volare-freely.com](mailto:info@volare-freely.com)

## Funshine Boogie

The Funshine Boogies are back for 2010. This freely boogie concept was the brainchild of Mark Owen in 2008, his aim being to create an event for all levels of freeflyer, providing group and one-on-one coaching by top-level skydivers. Last year's event attracted jumpers



Andy Lovemore

from 12 different countries. There will be two Funshine Boogies in May. Funshine Boogie UK at Hibaldstow 1-3 May sees Dan Parker, James Davies and Matt O'Riordan coaching. Skydive Spain in Seville 29 May to 2 June is with Jim Harris, Mikey Carpenter, Fabian Raidel, Andy Lovemore, Håvard Flaot, James Davies and Killa. Sign up on the website to receive mailshots.

[funshineboogie.com](http://funshineboogie.com)

- 22-23 FS Weekend**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 22-23 Freely Scrambles**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 22-23 UKSL 4-way FS**  
Netheravon • [netheravon.com](http://netheravon.com)
- 22-23 Docking Weekend**  
UK Para (Sibson) • [skydivechoreography.com](http://skydivechoreography.com)
- 22-23 Hot Weekender**  
Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)
- 22-23 Speed Star Competition**  
Prostejov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)
- 22-24 Freely Weekend**  
Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)
- 22-24 Dutch Freely Big-ways**  
Texel • [toratora.nl](http://toratora.nl)
- 24-28 BPA Instructor Course (CSI)**  
Strathallan • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)
- 24-28 Big-way Camp 100**  
Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)
- 27-28 Wingsuit Course**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 28-31 BCPA Scots**  
Strathallan • [bcpa.org.uk](http://bcpa.org.uk)
- 28-31 Arizona Challenge**  
Eloy, USA • [skydiveaz.com](http://skydiveaz.com)
- 29-30 BPA Freely Roadshow**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 29-30 BPA CF Roadshow**  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)
- 29-31 Intermediate FS Challenge**  
Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)
- 29-Jun 2 International Boogie**  
Reggio Emilia, Italy • [bfu.it](http://bfu.it)
- 29-Jun 2 Funshine Boogie**  
Seville, Spain • [funshineboogie.com](http://funshineboogie.com)
- 29-Jun 6 Cark Week**  
Cark • [skydivenorthwest.co.uk](http://skydivenorthwest.co.uk)

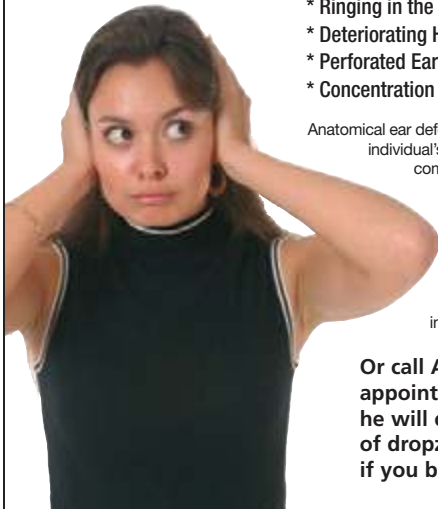
## JUNE

- 1-4 Summer Open Week**  
BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)
- 2-4 Flock & Swoop Camp**  
Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)
- 2-13 Aussie Record 100-way Attempt**  
Perris Valley • [aussie100way.com](http://aussie100way.com)
- 4-6 Freely Camp**  
Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)
- 4-6 FS Camp**  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)
- 4-6 Safe Flight School**  
Seville, Spain • [safeflightschool.com](http://safeflightschool.com)
- 4-12 POPS World Meet**  
Reggio Emilia, Italy • [pops2010.it](http://pops2010.it)
- 5-6 Speed Star 10-way**  
Headcorn • [headcornparachuteclub.co.uk](http://headcornparachuteclub.co.uk)

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For more event details, visit the Events Zone at [skydivemag.com](http://skydivemag.com)



## The Vector Festival

The 2010 Vector Festival is set for 16-21 June at Skydive Empuriabrava, Spain. There will be free organising from *Volare*, *Skywalkers*, *Babylon*, *Aria*, Fabian Raidel, Patrick Passe, Phillip Vallaud, Pete Allum and Stéphane Zunino from Fly your Body. The Vector tent, with education and giveaways, will be manned by the famous Bill Booth himself! There is a Film Contest, which is free to enter but promote the event sponsors - Vector, Skydive Empuriabrava and Turbolenza - and be between 15 seconds and two minutes long. The festival includes beach jumps, parties, raffle and live music.

[uptvector.com](http://uptvector.com)  
[skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 5-6 FF Scrambles

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 5-6 28-way Warm-up

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 5-6 Accuracy Grand Prix

South Cerney • [skydivesouthcerney.co.uk](http://skydivesouthcerney.co.uk)

### 5-6 Nordic Freely Babes

Göteborg, Sweden • [skydivesweden.se](http://skydivesweden.se)

### 5-20 In & Outdoor Freely

Aerograd Kolomna, Russia • [toratora.nl](http://toratora.nl)

### 7-11 Skysavers

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 7-11 Nordic Freely Project

Göteborg, Sweden • [skydivesweden.se](http://skydivesweden.se)

### 10 STC & Riggers Meetings

BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

### 11-13 Safe Flight School

Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)

### 11-13 48-way Sequentials

Raeford, USA • [bigways.com](http://bigways.com)

### 11-13 Freely Competition

Prostějov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)

### 12-13 Wingsuit Coaching

UK Para (Beccles) • [ukparachuting.co.uk](http://ukparachuting.co.uk)

### 12-13 UKSL 4-way FS

Cark • [skydivenorthwest.co.uk](http://skydivenorthwest.co.uk)

### 12-13 FS Weekend

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

### 12-13 Summer Sequentials

Hibaldstow • [skydivetheatreography.com](http://skydivetheatreography.com)

### 12-13 Freely Coaching

Molinella, Italy • [flygang.com](http://flygang.com)

### 15-22 Skyfest Boogie

Raeford, USA • [skyfestboogie.com](http://skyfestboogie.com)

### 16-20 Vector Festival

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 16-20 Freely Workshop

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 17-18 Wingsuit Course

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 18-20 Blocking Weekend

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

### 19-20 FS Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 19-20 CF Grand Prix

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 19-20 Swoop Competition

Molinella, Italy • [flygang.com](http://flygang.com)

### 19-20 Sunpath Demo Weekend

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

### 21-27 FS & CF Russian Cup

Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)

### 22 BPA Council Meeting

BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

### 22-25 Progression Week

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

### 22-27 Tent City Boogie

Hinton • [skydive.co.uk](http://skydive.co.uk)

### 26 NJ POPS State Record

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

### 26-27 BPA FS Roadshow

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

### 26-27 28-way Sequential

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 26-27 Hot Weekender

Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

### 27-Jul 4 Extreme Week

Voss, Norway • [ekstremutvikling.no](http://ekstremutvikling.no)

### 28-Jul 2 Kaleidoscope East-West

Aerograd Kolomna, Russia • [bigways.com](http://bigways.com)

### 28-Jul 2 Skysavers

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 9-11 Safe Flight School

UK Para (Sibson) • [safeflightschool.com](http://safeflightschool.com)

### 10-11 UKSL 4-way FS

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 10-11 Beaver Canuck Weekend

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

### 10-11 UK POPS

Weston • [pops.org.uk](http://pops.org.uk)

### 10-12 CF Nationals Reserve

BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)

### 14-18 Progression Week

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

### 14-17 CP Russian Cup

Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)

### 14-18 Go Vertical

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 14-18 BCNA Nationals

Cark • [bcpa.org.uk](http://bcpa.org.uk)

### 15-16 Wingsuit Course

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 16-18 BPA CF Roadshow

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

### 17-18 BPA FS Roadshow

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 17-18 Docking Weekend

UK Para (Sibson) • [skydivetheatreography.com](http://skydivetheatreography.com)

### 17-18 FS Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 12-13 Intermediate 12-way

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 17-24 BAG/RAPA Champs

RAPA, Germany • [jspcl-comdt@atgg.mod.uk](mailto:jspcl-comdt@atgg.mod.uk)

### 17-25 4 Fun Summer Boogie

Soulac, France • [airboss.nl](http://airboss.nl)

### 21-24 CP Nationals

RAPA, Germany • [jspcl-comdt@atgg.mod.uk](mailto:jspcl-comdt@atgg.mod.uk)

### 21-24 Russian Freely Record Attempt

Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)

### 24 NJ SOS State Record

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

### 24-25 Hot Weekender

Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

### 24-25 Freely Coaching

Molinella, Italy • [flygang.com](http://flygang.com)

### 24-25 BPA Freely Roadshow

UK Para (Beccles) • [ukparachuting.co.uk](http://ukparachuting.co.uk)

### 24-Aug 7 Aerograd Trip

Russia • [mattnomore@mail.com](mailto:mattnomore@mail.com)

## JULY

### 1-4 Power Play

Perris Valley • [danbc@skydiveperris.com](mailto:danbc@skydiveperris.com)

### 1-4 44-ways

Skydive Dallas • [bigways.com](http://bigways.com)

### 1-5 American Revolution Boogie

Skydive Dallas • [skydivedallas.com](http://skydivedallas.com)

### 2-4 Classics Nationals

Peterlee • [skydiveacademy.org.uk](http://skydiveacademy.org.uk)

### 2-4 BCNA Northern

Hibaldstow • [bcpa.org.uk](http://bcpa.org.uk)

### 2-4 Blocking Weekend

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

### 2-4 Safe Flight School

Empuriabrava, Spain • [safeflightschool.com](http://safeflightschool.com)

### 3-4 FF Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 3-4 Swedish Cup

Göteborg, Sweden • [skydivesweden.se](http://skydivesweden.se)

### 3-4 Pinch Jump

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 3-5 CF Nationals

BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)

### 3-11 Open Artistic Flight Meet

Bitburg • [toratora.nl](http://toratora.nl)

### 4-11 Voss 16-Way Experience

Voss, Norway • [ekstremutvikling.no](http://ekstremutvikling.no)

### 5-11 Russian Record 200-way Attempt

Aerograd Kolomna, Russia • [aerograd.ru](http://aerograd.ru)

### 8-11 Big-way Sequentials

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

## Freely Tip

When learning to back-track, pick out a point on the horizon and keep looking at it, for a good straight track

Tip by Stephanie Soria

# CYPRES 2

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For more event details, visit the Events Zone at [skydivemag.com](http://skydivemag.com)

## 26-30 Skysavers

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 26-Aug 1 Twin Beech Boogie 2

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

## 29-Aug 1 Canopy Piloting Course

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

## 30-Aug 1 Safe Flight School

BKPC, Cockerham • [safeflightschool.com](http://safeflightschool.com)

## 30-Aug 1 Blocking Weekend

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

## 31-Aug 8 International Xpiders Boogie

Prostejov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)

## AUGUST

### 1-6 FS, CF, Artistics World Meet

Menzelinsk, Russia • [fai.org/parachuting](http://fai.org/parachuting)

### 5 STC & Riggers Meetings

BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

### 5-6 Wingsuit Course

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 6-8 Summer Bonanza

Elsinore, USA • [skydiveelsinore.com](http://skydiveelsinore.com)

### 7-8 Docking Weekend

UK Para (Sibson) • [skydivechoreography.com](http://skydivechoreography.com)

### 7-15 The Army Championships

Netheravon • [netheravon.com](http://netheravon.com)

### 9-13 Euro Big-ways

Pyrlandia, Poland • [bigways.pl](http://bigways.pl)

### 9-13 BPA Inst Course (CSBI/TBI/AFFBI/Adv)

Langar • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)

### 12-15 Fly Vertical

Nuggets, Germany • [skydive-nuggets.de](http://skydive-nuggets.de)

### 12-15 Lapalisse Picnic Boogie

Lapalisse, France • [lapalisse-aero.com](http://lapalisse-aero.com)

### 14-15 Flocking Weekend

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

### 14-15 8-way Speed

Netheravon • [netheravon.com](http://netheravon.com)

### 14-15 FS Walk-up

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 14-16 4-way FS & VFS Nationals

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 16-20 BPA Instructor Course (CSI)

Langar • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)

### 17 BPA Council Meeting

BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

### 21 Freely Money Meet

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

## 21-22 Hot Weekender

Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

## 21-23 4-way & VFS Nationals Reserve

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 21-23 8-way/Artistics/Speed Nationals

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 21-29 Mountain Gravity

Ambri, Switzerland • [toratora.nl](http://toratora.nl)

## 26-29 Rainbow Boogie

Crosskeys, USA • [skydivecrosskeys.com](http://skydivecrosskeys.com)

## 28-29 Big-ways

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 28-29 FF Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 28-30 8-way/Arts/Spd Nats Reserve

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## 28-30 Mike Wills Speed 10 Comp

Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

## 28-Sep 5 Style & Accuracy World Meet

Montenegro • [fai.org/parachuting](http://fai.org/parachuting)

## SEPTEMBER

### 1-4 USA CP Nationals

Spaceland, Texas • [uspa.org](http://uspa.org)

### 4-5 8-way Speed Nationals

UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

### 4-5 FS Scrambles

Netheravon • [netheravon.com](http://netheravon.com)

### 4-12 Langar Boogie 2

Langar • [skydivelangar.co.uk](http://skydivelangar.co.uk)

### 5-10 Prostejov Big-way Project

Prostejov, Czech Republic • [jump-tandem.cz](http://jump-tandem.cz)

### 10-12 ESL Finals

Texel • [euro-skyleague.com](http://euro-skyleague.com)

### 10-24 USA Nationals

Chicago, USA • [uspa.org](http://uspa.org)

### 11-12 FS Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 11-12 Freely Scrambles

Netheravon • [netheravon.com](http://netheravon.com)

### 11-12 Speed 10-way

Nuggets, Germany • [skydive-nuggets.de](http://skydive-nuggets.de)

### 16-17 Wingsuit Course

Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

### 18-19 FF Weekend

Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

### 18-19 Accuracy & CF Grand Prix

BKPC, Cockerham • [bkpc.co.uk](http://bkpc.co.uk)

## The Armies 2010 Not just for the Military!

The annual Armed Forces Parachute Championships will take place during 7-15 August 2010 at Netheravon. The 'Armies', as it is known, is open to both civilian and military jumpers of any experience level, including students. The competition includes 4-way FS, Freely (A and B), Freestyle (A and B), Accuracy, CF (2-way and 4-way) and 8-way Speed. The event runs for a whole week, but to make it easier for civilian competitors to take part and complete their rounds, they have priority at the weekends. The bar will be lively each night, and evening entertainment includes a hog roast, barbecue and curry night, a fancy-dress party and fireworks display. Further details will be published on the website. Any questions, give the DZ a call.



[netheravon.com](http://netheravon.com)

21-27 POPS USA Nationals  
Raeford, USA • [jumpraeford.com](http://jumpraeford.com)

25-26 Big-way for Beginners  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

25-26 Hot Weekender  
Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

25-26 BPA Freely Roadshow  
Dunkeswell • [skydivethewell.com](http://skydivethewell.com)

30 STC & Riggers Meetings  
BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

30-Oct 3 Empuriabrava 16-way Trophy  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

30-Oct 3 Chicks Rock Boogie  
Elsinore, USA • [skydiveelsinore.com](http://skydiveelsinore.com)

## OCTOBER

2-3 FS Scrambles  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

7-10 Big-way Camp  
Perris Valley, USA • [p3skydiving.com](http://p3skydiving.com)

8-10 Diamond 25 Flocking Weekend  
UK Para (Sibson) • [skydivesibson.co.uk](http://skydivesibson.co.uk)

8-10 Diamond 25 Docking Weekend  
UK Para (Sibson) • [skydivechoreography.com](http://skydivechoreography.com)

8-12 Spanish Nationals  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

9-10 FF vs FS 8-way Speed  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

12 BPA Council Meeting  
BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

14-15 Wingsuit Course  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

14-17 100-way Camp  
Perris Valley, USA • [p3skydiving.com](http://p3skydiving.com)

15-23 Equinox Boogie  
Ramblers, Australia • [ramblers.com.au](http://ramblers.com.au)

20-24 200-way Sequential  
Eloy, USA • [p3skydiving.com](http://p3skydiving.com)

23-24 Hot Weekender  
Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

30-31 Halloween Frostbite Friendly  
Hibaldstow • [skydiving.co.uk](http://skydiving.co.uk)

## NOVEMBER

8-12 BPA Inst Course (CSBI/TBI/AFFBI/Adv)  
Hibaldstow • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)

11-12 Wingsuit Course  
Empuriabrava • [skydiveempuriabrava.com](http://skydiveempuriabrava.com)

15-19 BPA Instructor Course (CSI)  
Hibaldstow • [trudy@bpa.org.uk](mailto:trudy@bpa.org.uk)

20-21 Hot Weekender  
Empuria • [regan@skydiveempuriabrava.com](mailto:regan@skydiveempuriabrava.com)

25 STC & Riggers Meetings  
BPA Offices, Leicester • [bpa.org.uk](http://bpa.org.uk)

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Scott Campos wearing the "Player" Photo: Juan Meyer



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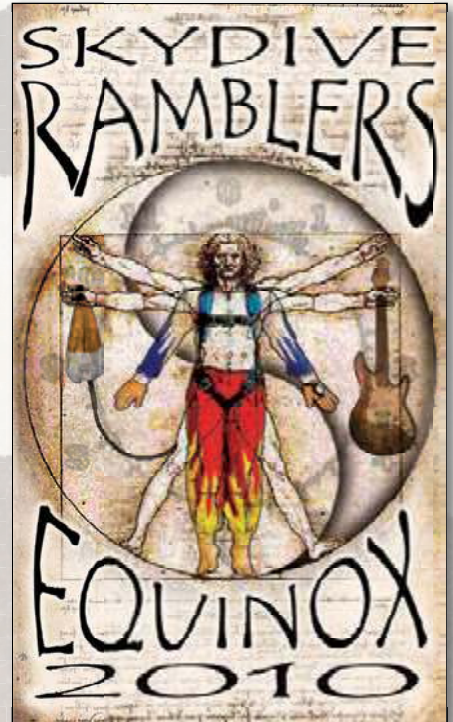
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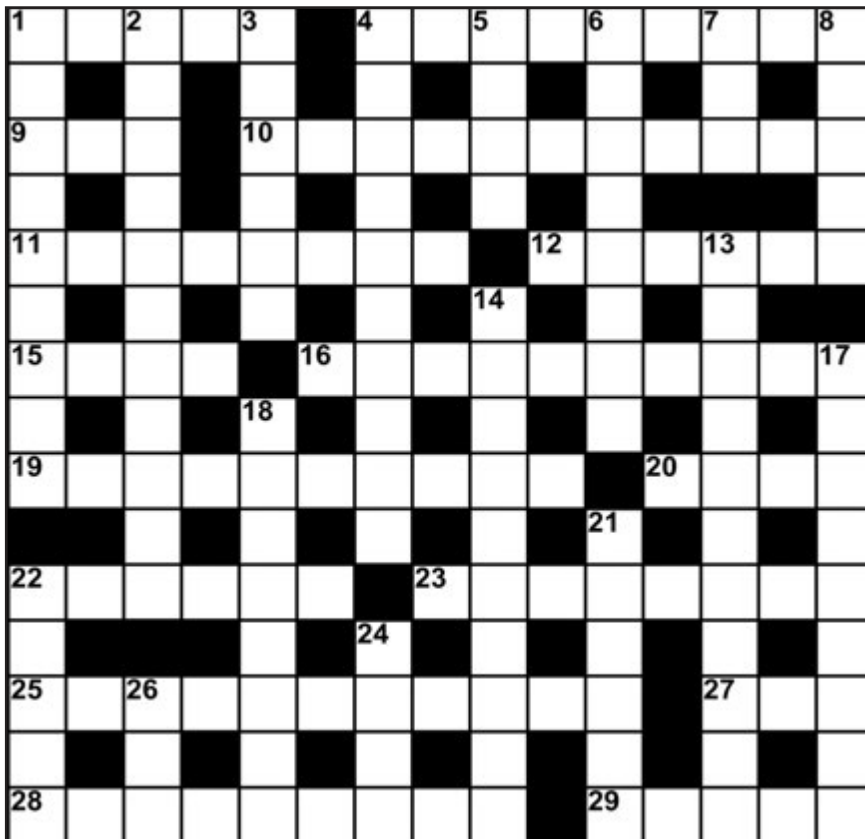
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# PUZZLE

# TIME ZONE



PAUL BOORER >>



## MAIN (CRYPTIC)

### Across

- 1 Happen to have carbon copy in our case (5)
- 4 Taken a dive, dusky ref's gone ape (9)
- 9 Initially subordinate's instant response (3)
- 10 In favour of pot? Pull back and flip (7,4)
- 11 A Roman way to speak deceives flighty woman (8)
- 12 Struggling with BBC say, showing signs of a fight (6)
- 15 Dalí's surreal put down (4)
- 16 Curled up in Dutch lilo, 'e took it easy (7,3)
- 19 It aids smooth passage as tribes sail abroad (10)
- 20 Skydiving nut (from Brazil) (4)
- 22 My eels wriggling in a proper manner (6)
- 23 Well adjusted weapon in bad holster (8)
- 25 Link to a casino is irregular (11)
- 27 Will offered much of this, with nothing in it (3)
- 28 Irish John consumes fizzy drink by the barrel in US dropzone (9)
- 29 Cool Americans turn back home counties failure (5)

### Down

- 1 Things that check pet's smell returned by the French (9)
- 2 Licence to produce artifice etc (11)
- 3 Show the error of Australian vehicle trailing game controller (6)
- 4 Direct approach of heterosexual Flynn (8,2)
- 5 Money you earn on and off (4)
- 6 Cooked cod, nuked with the tail on (8)
- 7 The opposite of - to do (3)
- 8 Not very clever? Work in dye-mixing (5)
- 13 When inflation is low it's un-supportive in liquid situations (8,3)
- 14 Change into a later amendment (10)
- 17 More than one rig rips tubing descent (9)
- 18 Shaking cola - risk bubbles in the pipes (8)
- 21 Deserved to be educated but headless (6)
- 22 Shipboard sailor's navigational markers (5)
- 24 Wise men, not wholly wonderful (4)
- 26 Brother or sister's small dropzone (3)

## RESERVE (QUICK)

### Across

- 1 Take place
- 4 Made an extreme dive (9)
- 9 Word of respect
- 10 Acrobatic manoeuvre (7,4)
- 11 Female flyer
- 12 Mangy
- 15 Placed down
- 16 Relaxed (7,3)
- 19 A flap at edge of canopy
- 20 Skydiving soldier
- 22 Appropriate; decent
- 23 Well controlled; symmetrical
- 25 Society
- 27 Fuss
- 28 US dropzone
- 29 American guys

### Down

- 1 Hindrances
- 2 Paper qualification
- 3 Disprove
- 4 Direct (approach) (8,2)
- 5 Chinese coin; 4-way formation
- 6 Left formation
- 7 Hair style
- 8 Stupid; intoxicated
- 13 Egg, life jacket (8,3)
- 14 Modification
- 17 TSE containers
- 18 Canopy anti-deflation devices
- 21 Merited
- 22 Traditional formations
- 24 Caspar, Melchior and Balthazar
- 26 Peterborough dropzone (nickname)

New column showing historical news stories from Sport Parachutist, the BPA magazine of yesteryear

## 40 Years ago

### Steerable Round Reserve Launched

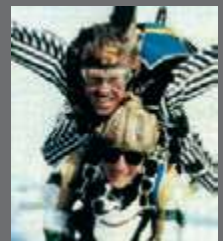
Parachute manufacturer GQ launched a brand new concept, the steerable reserve. This radical new design gave a 200lb jumper a descent rate of 16-18 ft/sec (compared with 23-24 ft/sec for an I24, the standard reserve) and a forward speed of 6mph! The unusually large apex vent is designed to cut down opening shock and prevent damage through using the zero porosity material.



## 20 Years ago

### Skydiving Canine

Katie, famous for being the world's first sport skydiving dog, died in February 1990. Owner, Amanda Kenny, took Katie for a tandem jump with Pete Reynolds, featured in a Wally Gubbins movie.



# SKYDIVE

JUNE ISSUE

People in the Sport:

DZ Feature:

Big-ways for All:

Review Zone:

4-way:

Style:

Event:

Sparky

Skydive Jersey

Exit to Dock

Cookie's Gas Helmet

Making a Team

Old Practice, New Techniques

Bodyflight World Challenge

## CLASSIFIED ADS

### PILOT 124

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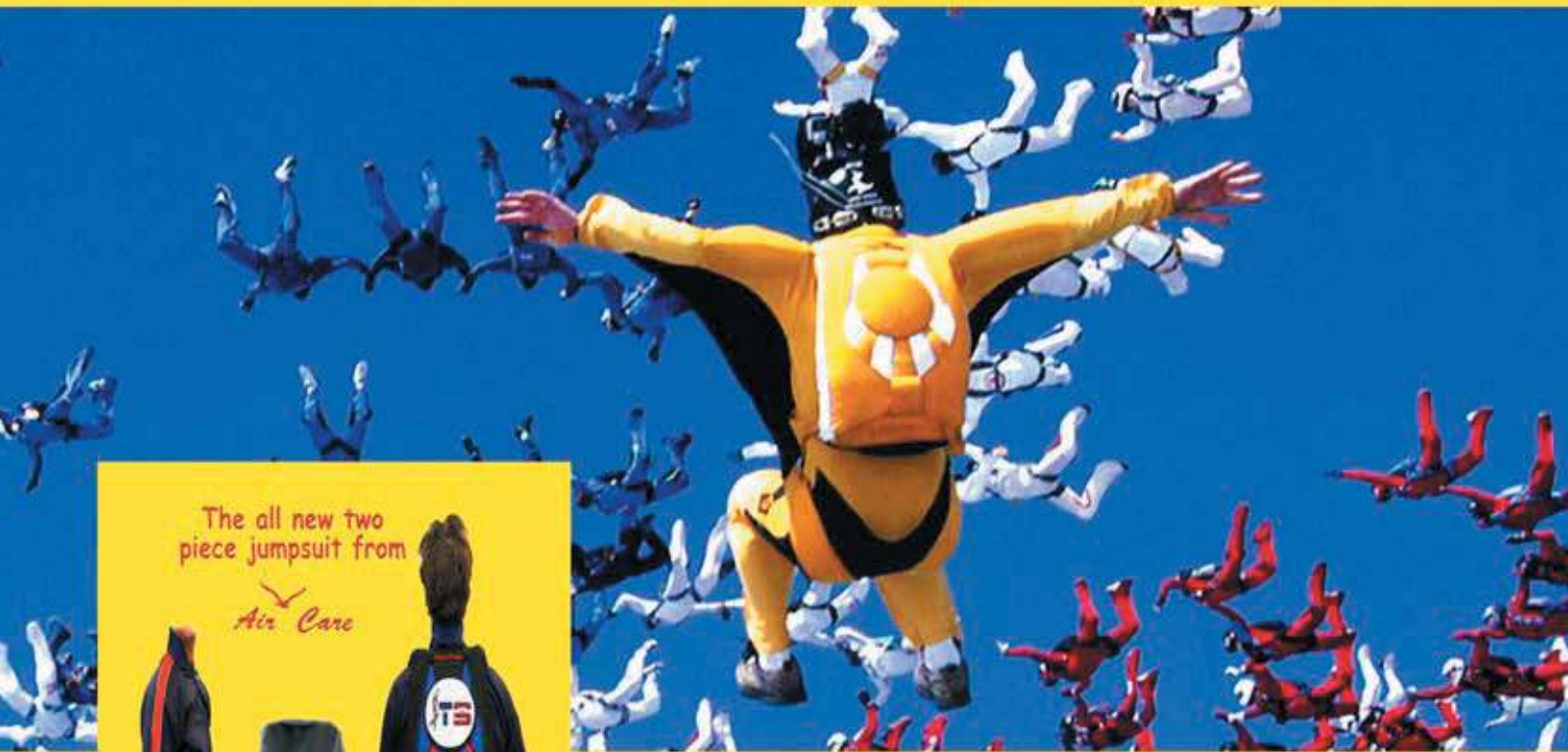
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