

SPORT PARACHUTIST

THE JOURNAL OF THE BRITISH PARACHUTE ASSOCIATION



Stop Press!

BPA Supports Brit 100

Read all about it inside . . .

Check out www.Brit100.co.uk

December 1998

Regulars . . .

Editorial 3

Letters 3

Council Matters 7

NEW! Brit100 10
a new feature each issue on the British record attempt

NEW! Bits 'n' Pieces 14
titbits of skydiving info

The Word on the Street 17



Kit News 20

Club News 31

POPS Corner 32

Puzzle Page 40

Incident Reports 43

People in the Sport:
 Wendy Smith 45



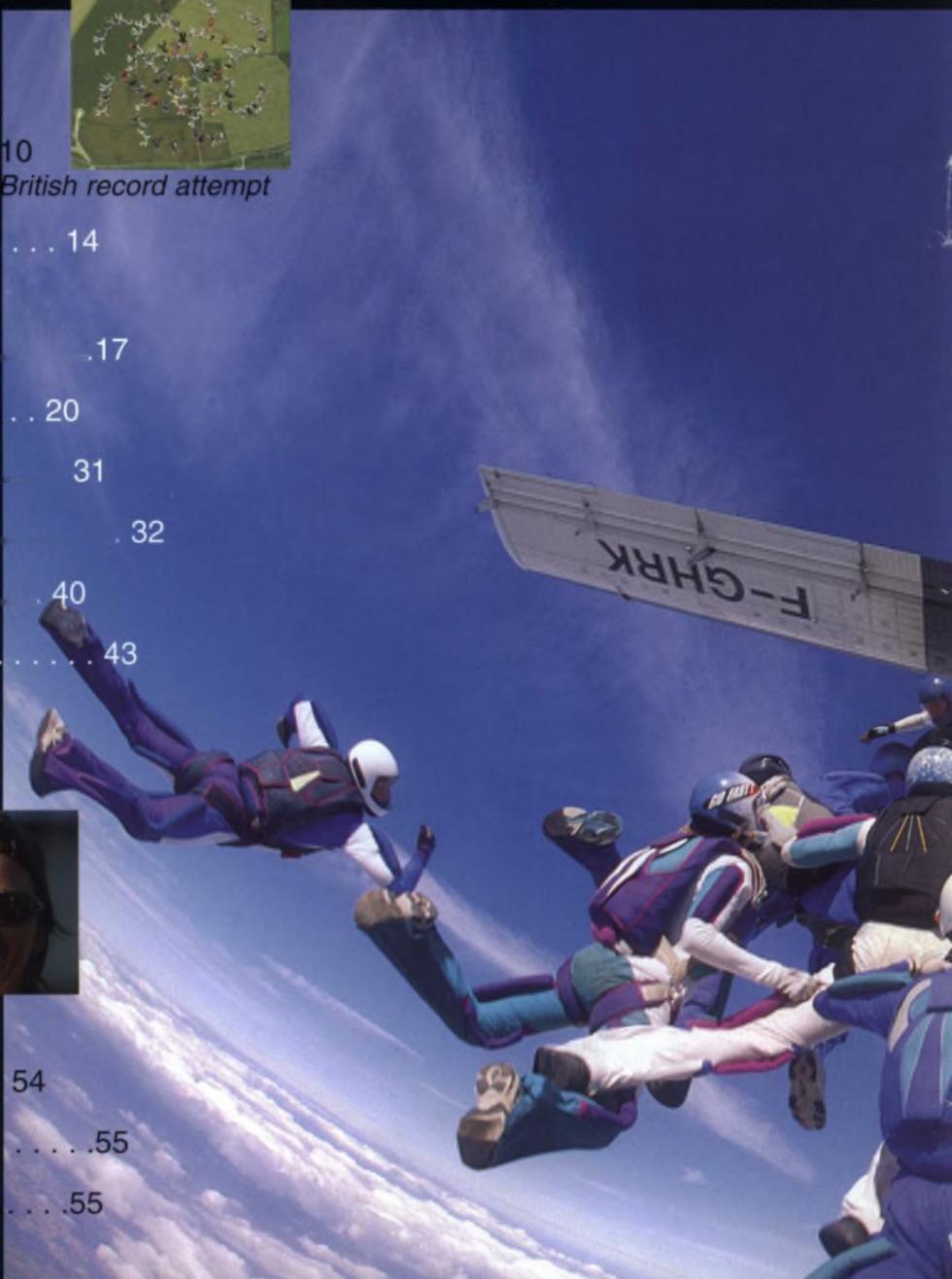
BPA Clubs and
 Centres 50

Classified Adverts 54

Advertisers Index 55

Sport Parachute Subscription 55

Diary 56
expanded and updated for '99



This great shot from Bruno Brokken shows *It'll Happen*, the Australian 16-way team, launching a 15-way chunk at the recent 16-way World Cup. The exit was successful in 9 out of 10 rounds and put *It'll Happen* on their road to victory



Cover Photo:
 Simon Ward took this cracking 'snap' of Olav Zipser freeflying above Weston-on-the-Green

NOTE: Some of the photos contained in this magazine may show skydivers without helmets, in which case they were jumping abroad. In the UK it is mandatory to wear a helmet for obvious safety reasons.



Features

Classics World Meet4

a report from John Smyth, British Team Manager

Main in Reserve8

a canopy debate from leading designer Stephan Ertler

AGM Update12

a run down on the seminar programme

Tips from the Top16

Joe Trinko, ex Golden Knight gives away the flying tips of the professionals

Free Fly Fun 22

a photo spectacular from Brian Ertler and friends

World Cup in 16-way 24

competitor Angela Macdonald-Smith describes the atmosphere at the first ever 16-way World Cup in Empuriabrava

World Cup in 4/8-way, Freestyle & Skysurfing . . . 36

QuickSilva member Al Macartney reports on the World Cup in Portugal, with comments from expert coach Solly Williams

PlayStation39

Mike Frost, National Champion skysurfer, describes what Team PlayStation are doing to promote the sport

First Mid Air Rescue 40

an historical commemoration





SKYDIVE SEBASTIAN

and

SKYDIVE DAYTONA
BEACH



would like to say



Merry Christmas

and a

Happy New Year

to old and new
customers



Ed Speak



magazine and dragged it, kicking and screaming, into the 20th century.' Thanks Tobes. That's what I was aiming for. I feel the time is right for a name which matches the new-look Mag. Sport Parachutist was a good name in its time but maybe we want something more up to date, more about skydiving than parachuting and with a bit more pizzazz!

It's your Mag so I'm asking you . . . what do you think? There are some ideas below:

- Sport Skydiver
- The Mag
- The BPA Mag
- Sky Times
- The Sky Mag
- Hook It!

Please write/email me and let me know if you like any of the names, if you have any other suggestions or if you want to keep the name as it is. If you'd like to design a logo too, please do, if we like it we'll use it and credit you.

PS The last name is a joke!

Well we just can't stop making your Mag better!

This issue we have a full colour contents page to make your Mag look like a real magazine. You'll find an expanded diary on the last page (56) for easy reference. We've added spot colour on some pages to fool you into thinking it's a full colour, glossy, upmarket journal. And it's packed with interesting articles we hope you'll enjoy. Like the *Brit100* page (10-11) which will be a regular feature, *Tips from the Top*, an article from leading coach Joe Trinko (pages 18-19), and a full report on the first ever *16-way World Cup* (pages 24-29).

New Name Required!

One of the nicest compliments I've received about the Mag was from Toby Stafford who said 'You've taken that

LETTERS

AAD DEBATE

Dear Lesley,

I find myself concerned to hear of various drop zones introducing policies whereby jumpers are required to have equipment before being allowed to jump, specifically audio altimeters and AADs.

As a recent university student skydiver I feel that policies such as this put unreasonable drains on the resources of those who have to scrape money together to jump. I don't deny that both of these pieces of equipment can be life savers (and I have recently invested in an audio altimeter). However both would only be necessary in an exceptional set of circumstances that I hope will never arise, and to be honest I'm willing to take the risk! Surely we, as a sport, should be encouraging as many people as possible to join the skydiving world and not adding more costly equipment to the list of things that must be purchased before being able to spend your hard earned cash on riding to altitude.

Besides, one engineering principle I use is that the more bits and pieces there are, the more there is to go wrong.

**Yours in debt
Alex Cross**

IN RESPONSE

Many of you will be aware that as of March 1999, you will need to have an AAD in order to jump at Weston on the Green. This is a controversial decision and one that I made in my capacity as CCI of a civilian club – there is no military influence behind this decision.

I believe that the cost of an AAD is an expense that no skydiver should ignore – what price for a life? I have lost too many friends who would still be here if they had been jumping an AAD. Unfortunately no-one

is exempt from a fatal error.

**Nigel Rogoff
CCI, Weston on the Green**

LOST LOG BOOK

Dear Fellow Jumpers,

I need some help. I was skydiving with a group of British soldiers in Paderborn, Germany in the summer of 1966 (*sic*). When I returned a month or so later my log book was missing. The blue log book was the only record I had of my skydiving friends.

Please could anyone from this era look through their bookshelves, I would greatly appreciate it and would be more than happy to pay for its return.

**Sincerely,
Jim Russi**

5202 Bitterroot Way
Yakima, Washington, 98908-2639 USA

OUTGOING CHAIRMAN

Dear Member,

I have decided that after seven years in varying roles on the BPA Council of Management that it is time to stand down. I have been given the opportunity to go to University for a year to study for a Higher Degree in Information Technology, commencing in January 1999. Most of you know that I also have a young family, and would like to spend some time with them, so it is not appropriate for me to have a third all-consuming commitment.

I wish our new Council and the Chairman every success for the future and hope that if the opportunity permits, I may be re-elected to the Council in the future.

**Kind regards,
Phil Gibbs**

Chairman, British Parachute Association

British Parachute Association



Patron: His Royal Highness
The Prince of Wales

Wharf Way, Glen Parva, Leicester LE2 9TF

Tel: 0116 278 5271 Fax: 0116 247 7662

E-mail: skydive@bpa.org.uk

www.bpa.org.uk

WHO TO CONTACT:

Write to anyone listed below at the BPA address; BPA staff can also be contacted by telephone

BPA Staff

National Coach and Safety Officer John Hitchen
Technical Officer Tony Butler
PA to above officers Trudy Kemp
Financial Administrator Jon Gretton
Administration Co-ordinator Sharon Norris
Membership Services/Subscriptions Karey Goodwin

BPA Officers and Representatives

BPA Chairman Phil Gibbs
BPA Vice Chairman Chris Allen
STC Chairman Tye Boughen
Competitions Committee Chairman Chris Allen
Development Committee Chairman Charles Ross
Communications Committee Chairman Charles Ross
Riggers Committee Chairman Paul Applegate
Pilots Committee Chairman Pat Howell
Treasurer Debbie Carter
Vice Presidents: John Lines, Jim Crocker, Bob Card
Liaison Officer to CAA Tony Knight
GASCo Representative & VP Angela Hickling
IPC Delegate John Hitchen

Council Members

Chris Allen, Paul Applegate, Steve Apps,
Tye Boughen, Keiran Brady, Peter Carroll,
Dave Emerson, Phil Gibbs, Ian Marshall,
Ian Midgley, Charles Ross, John Saunders,
John Smyth, Lofty Thomas

SPORT PARACHUTIST

Journal of the British Parachute Association

WHO TO CONTACT:

EDITORIAL:

Lesley Gale
Sport Parachutist
3 Burton Street
Peterborough PE1 5HA
Tel/Fax: 01733 755 860
E-mail: sportpara@aol.com

ADVERTISING:

Scott Dougal
Pagefast Ltd
4-5 Lansil Way
Lancaster LA1 3QY
Tel: 01524 841 010
Fax: 01524 841 578
E-mail: pagefast@csi.com

SUBSCRIPTIONS:

Fill out the coupon on page 55

©SPORT PARACHUTIST

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the permission of the Editor. The views expressed in Sport Parachutist are those of the contributors and not necessarily those of the BPA. The Editor retains the right to refuse or withdraw any advertisement at her discretion and does not accept liability for delay in publication or for printer's errors, although every care is taken to avoid mistakes.

The information in this magazine was, to the best of our ability correct at the time of going to press. Reproduction, printing and mailing takes a total of 3½ weeks so some information may be out of date or superseded.

Design and layout by
Julie Gray and Trish Jones
CCP Ltd, 1 Loxley, Peterborough PE4 5BW
Tel: 01733 579433 Fax: 01733 578584
E-mail 106304.677@compuserve.com

Classics

World Meet

The World Championships in Style & Accuracy were held in the breathtakingly beautiful Vrsar Croatia, 3-12 September 1998.

Unique conditions for Accuracy were thrown up by the site. The tuffet was placed in the centre of town, which itself was surrounded by hills, and was next to the sea.

IPC wanted to bring parachuting competitions to the public as an exciting spectacle with the aim of promoting future bids to get Parachuting into the Olympics.

This is the way forward so the competitors must learn to cope with the difficult conditions thus created. So – how did we cope with it??



Julie Ballard, taken by John Smyth



Accuracy Tuffet



British Delegation: Top – John Smyth, Team Manager, Bob Card, Head of Delegation. Competitors Jeff Chandler, Dave Ballard, Brian Shaw, Carl Williams. Bottom – Competitors Tim Andrewes, Jule Ballard, Katherine Andrewes, Esther Reynolds, Cheryl Smyth, Helen Shaw

jumping less entertaining for the public – who I believe enjoyed seeing jumpers bounced out of the arena into the crowds more than getting discs!

Injury

Our on-site training ended on a negative note with Tim Andrewes sustaining a back injury. He bravely elected to carry on but was forced into this decision as we had no alternate. Tim thus performed below par. In future we must take a larger



Esther Reynolds, snapped by John Smyth

Before giving details of our time in Croatia I must firstly thank John Horne and all the staff at RAPA for their support during our training time there.

Conditions

The jump aircraft for the World Meet were three Mi8 helicopters, each capable of taking four teams (20 jumpers) per lift. Conditions were very challenging for Accuracy, especially when the wind blew from the north-east over a large hill and around the centre of town. The thermals and rollover were horrendous! If the wind was to blow from this direction during the World Meet, the results would have been a complete lottery. We trained hard and faced up to the challenges presented by the conditions. All the teams found it very difficult to cope with the northeasterlies or 'Bura' as the locals called it. Luckily for the organisers, the wind never came from this direction during the World Meet. This made the scores more respectable but made the



Mens overall: Gold to France, Silver to Italy and Bronze to the Czech Republic. The French team includes Overall Champion Philippe Valois



Ladies Overall: Gold to Russia, Silver to China and Bronze to Germany. The Russian team includes Tatiana Osipova, who won the Style event, the Accuracy and the Ladies Overall

Group and DZ photos by Esther Reynolds

squad to allow us to substitute. This is the second World Meet this has happened to our Accuracy team.

Men's Results

And so onto the Meet itself... I do not want to go into a round by round analysis of the scoring. Suffice to say the men did not perform to expectations. They know it and were disappointed. There are mitigating circumstances but in the end they came 28th out of 33 countries, probably the worst performance of any British men's team to date. Our best individual male was Dave Ballard who ended on 29cms over eight rounds. The World Champion Paolo Fillippini from Italy ended on 3cms over ten rounds scoring eight Dead Centres on the way – this shows the difference in standard. So why? Our guys are just as dedicated but do not have the funding. The Italians and French between them dominated both the Style and Accuracy event. They are both funded, full time teams, that says it all.

Women's Results

Our ladies fared better than the men. They jumped exceptionally well for the first four rounds and were up with the leaders until the fifth round when the Germans, Russians and Chinese played the IPC rule book to the letter. They obtained team rejumps on a technicality although if their original team scores had counted we might have seen a completely different result. Nonetheless the female events remain dominated by these three former Communist Countries. Our ladies managed a creditable 8th in the team event, even beating our old rivals the USA into 9th place. Both Katherine Andrewes and Esther Reynolds made it to the semi finals, and ended up 14th and 18th, on 16cms and 20cms respectively.

The female World Champion Tatiana Osipova from Russia won on a total of 6cms. We were proud to witness the good performance by the girls up against full time funded teams. Katherine in particular went into the semi finals lying in joint fifth position. None of our ladies made the Style semi finals. Not surprising really as the team was not funded at all for Style and so concentrated on Accuracy.

The future

What lessons have we learnt? Well firstly, whatever it costs, we must employ an independent coach. In addition we have learnt that bringing ten individuals together as a team is a difficult task. We must all learn to support each other, appreciate our strengths and tolerate each others' perceived frailties, in order to gel as a team. The World Champion teams are those working for each other not against each other.

We have a lot of potential talent in the Classics, we just can't seem to develop it. I would appreciate any views on how to move forward. A huge thank you for the support I received from everybody on the team. I was proud to see the other Brits at the World Meet working for the IPC, in particular John Hitchin, Doc Flynn, Bob King and Bob Card. Finally, we may not have won any medals but we certainly made lots of friends in Croatia and earned respect for our professionalism and friendliness. I hope to see the talent in this team burst forth, maybe we will be back at the World Championships in two year's time but then 'In the Medals'!

John Smyth
Team Manager

TIRED OF STRUGGLING TO GET YOUR CAT10/FS1?

With our proven and BPA approved program you will have it in 4-5 days

We have successfully trained hundreds of clients from the UK to an average of 10.7 points on their first 4-way!

- *Save time and money*
- *Get more fun from your skydives NOW*

SKYDIVE UNIVERSITY

With our NEW Tunnel Training Programs for AFF, Basic/FSI and Advanced Body Flight anyone can be a skydiver in 4-5 days!

**Call now – (561) 581-0100
or reserve your slot at
www.skydiveu.com**



NEW Low Price
Skydive 150: Basic Canopy Flight
Video & Training Manual
ONLY \$29.95

Skydive University 400 W. Airport Drive, Sebastian, FL 32958-3926 phone (561) 581-0100 fax (561) 581-0101



Christmas Shopping!

*Everything you need
from one UK source!*

Shop now
open every
weekend on
Netheravon
DZ



Photo: Dave Mitchell

- Demo Equipment
- Rigging
- Accessories
- Custom Equipment
- Jump Suits
- Used Gear
- Reserve Repacks
- Parachute Equipment

SKY SCIENCE

THE ROYAL BRITISH LEGION ENTERPRISE UNITS, UNIT 1, ORDNANCE ROAD, TIDWORTH, WILTS SP9 7QD (NR NETHERAVON)

Tel 01980 844130 • Fax 01980 844131 • Mobile 0385 784748

Email: skyscience@compuserve.com

Council Matters



COUNCIL

ROYAL AERO CLUB

Nominations for the Royal Aero Club awards should be forwarded to the delegate, Phil Gibbs, as soon as possible. Last year the sport was successful in seeing Jeff Chandler's, Darryl Moran's and Adrian Nicholas' achievements recognised.

WIND TUNNEL

Terminal Velocity, the new wind tunnel at Stoke, has become associated to the BPA.

CREDIT AND TELEPHONE CARD

The Association has several links with commercial companies providing services for the good of our membership; please do use them as it in turn benefits our income: use the BPA credit card and telephone card to help out our sport!

Credit Card

Tel 0800 716 097

– for a skydiving credit card with no annual fee and good interest rates

Telephone Card

Tel 0181 951 5858

– for excellent rates on international calls when away

Did you know...

... there are free BPA Memberships to be won! After the election, all voting cards will be put into a hat and some drawn out at random; there will be a free membership offered for every thousand cards returned.

FINANCIAL RESERVES

Several changes towards the long term strategy about the Association's financial reserves are being considered.

COMMUNICATIONS

The committee is sizing up several new projects for the forthcoming year. The web page has been successful in its first year in attaining most of its goals (remember it was targeted to the potential jumper) and in the future the news page might be replaced by a full member's discussion area. It averages 300 visits and 4,000 page requests per week. Please continue to give feedback on the site: www.bpa.org.uk

DEVELOPMENT DEVELOPMENT PLAN

The new Development Plan (the document which secures Sports Council's continued

funding and provides a direction that we work towards) is coming together; get in touch with Charles Ross now if you feel you can contribute to the advancement of our sport. Charles will be running a seminar at the AGM about the Development Plan – if you want to influence the future of the sport then do turn up to the presentation. It will also be an opportunity to meet the new Development Committee and feed in your ideas and/or find out the truth behind any rumours.

BRIT100

A presentation from the Brit100 project demonstrated how they had surpassed the objectives set earlier in the year; a proposal for the project to be enlarged and supported next year was approved (see pages 10-11). It is intended for the project to stage seminars at DZs around the country during next year.

FXC's

The loaning out of the Association's FXCs has gone well; a couple of units remain if any DZ still wants to hire them – contact the BPA office.

NEW RATINGS

Basic Instructor

David Lidster
Mark Bolton
Garry Wilson
Steve Burns
Mark Trindall
Andy Witcomb
Sean Lewis
John Finnigan
Pete Ager

Approved Instructor

Jon Vennell
Mark Tether
Neil Fitzmons
Neil Masterton
Elaine France
Lee Harrison
Tim Skinner
Geoff Hughes
Rob Campbell

Advanced Instructor

Debbie Ingle

Examiner

Chris Lyall
Kev Goode

Tandem Instructor

Andy Goodall
Martin White
Phil Collett
Paul Dunn
Barry Buck
Steve Burns
Loz Cross
Andy Paddock

AFF Instructor

Geordie Page
Stuart Albon
Andy Scott
Martin Williams

SPONSORSHIP

The Committee is still looking for someone to manage the Association's sponsorship tasks; interested parties should make contact with Charles Ross.

SEBASTIAN XL

An appeal for exceptional additional funding to help Sebastian XL, the National 4-way team, was deferred awaiting the outcome of continued financial support from the Sports Council.

VOTING FOR COUNCIL

There will be an election to decide the Council of the BPA for next year: **PLEASE VOTE!**

The ballot card is included with this magazine. If you have a joint membership please get in touch with the BPA office on 0116 2785 271 for an additional ballot card. Fill it in correctly and return it soon. As an incentive to vote, all voting cards will be put into a hat and some drawn out at the AGM to receive free membership of the BPA – one for every thousand cards returned.

When voting, here are some tips to avoid classic mistakes:

- ◆ Fill in your BPA number (the one on this magazine address label), *not* your FAI Licence number.
- ◆ Mark your choice of 'Yes' or 'No' against **EACH** candidate, not doing this will invalidate the card.
- ◆ You can vote for as many candidates you want, up to a maximum of 15; but if you are happy to vote positively only for three, then vote only for three. But make sure you fill out the 'No' against all the other names.
- ◆ If you make any mistake on the card **DO NOT** cross it out or send it in, it will be invalid, get a replacement instead from the BPA office.

48 ALEXANDRA ROAD COWES ISLE OF WIGHT PO31 7JT

AIRSPORTS

INSURANCE BUREAU LIMITED

Fast, reliable and friendly advice for sky diving, other sports and domestic insurance needs.

- **Capital sum** in the event of death, loss of limb/eye (or use thereof) or total disablement.
- **Weekly benefit** up to a maximum of 104 weeks (excl. first 14 days) so long as doctor certifies totally unable to follow normal occupation.
- **10% No Claims Bonus** on renewal.
- **Accidental ground risks and theft** within the UK, including 18 days worldwide. Short term cover available on request.
- **Personal baggage** for travel insurance (excludes kit whilst out of UK).
- **Medical expenses** covering medical or surgical treatment following parachuting accident or illness.
- **Air transport for repatriation**, including medical attendants for seriously ill or injured insured person.
- **Costs of recovery to hospital** following a parachuting accident.
- **Buildings/content insurance.** • **Car insurance.**

Can you afford to be without it?

Contact Yvonne Jukes Tel/Fax: 01983 298480 (24 hours)

another

in

main

reserve

What is the difference between a glider pilot and a skydiver?

An awful lot, when it comes to an emergency...

The glider pilot, after bailing out of his aircraft with a glide ratio of perhaps 60-1 is under a round parachute. It is a loss of 100% performance. A skydiver on the other hand, after cutting away the main parachute, is under the reserve parachute. It is the same machine with almost the same performance. *Almost!*

Why do I say this, you might ask? Well, having been in the sport for 18 years, watching people land their canopies and their reserves as well, I have recently noticed that in a lot of cases, today's jumper – who is normally an excellent canopy pilot – has big problems landing his reserve. *Why is this?* I asked myself.

The reserve canopies on the market today are all performing quite well, they open fast, fly well and land... like a 7-cell, because this is what they are.

“The last canopy you have is the first canopy you jump that you don't know”

Today, when you enter the sport of skydiving, the first canopy you experience is a 9-cell. Then you buy your first kit. For most of us this will probably be a 9-cell. Now you move on up the performance ladder. Your parachutes become smaller, faster and you learn to surf. After about 500 jumps (today's average) you have your first reserve ride. And your parachute is... a 7-cell. The last canopy

you have is the first canopy you jump that you don't know. You don't know it as your reserve and you don't know it as a 7-cell. It is not your fault, because 7-cells are hardly used any more as mains, especially those 7-cell designs which date back to the mid 80's. Most of our reserves today are derivatives of these proven designs of the, let's call it, 'Pegasus era'. There is nothing wrong with the performance of these parachutes but they land so differently to what people of today are used to landing. On flaring, they don't get the nose up and go into a flat flare still moving forward (like 9-cells). They just brake and set you down with a reduced rate of descent. Which means that you have to start your flare a little higher than you would do with your ZP elliptical.

Skydivers who have been around for 10-15 years have grown up with these canopies but the students of today are lacking this experience. If we look back in time there is a certain logic in what was jumped as a main and what as a reserve, until a few years ago. Let me explain:

As we had round mains, we had round reserves. Then, the first squares appeared (5-cells) and the reserves were still round. No problem for these skydivers back then. They knew their reserves because they had jumped them as mains. After that era, technical evolution gave us 7-cell mains with better performance. And the once 5-cell mains became our reserves. Also 'no problemo'. Then the 9-cells came and the once 7-cell mains became our reserves.

No sweat, everyone who bought one of the hot, new, 9-cell mains probably just before sold their old Pegasus, Fury, Raven or Cruiselite. This category of parachute is still today the backbone of most reserve designs.

But then came the change! The mains were made out of a better fabric, they

became non rectangular in planform and they became smaller. These designs enable us to swoop and surf. But our reserves have not followed suit. Don't get me wrong, I'm not arguing for high performance reserve designs. I just argue we should be more aware of the animal we are dealing with here. I see landings which surprise a lot of people who don't realise that their reserve parachute has not much in common with their lost main when they are landing it.

“Landings surprise people who don't realise their reserve has not much in common with their lost main”

So, since we are the only ones in sport aviation to be able to substitute our lost aircraft with another of *almost* the same performance, we should make the most of that chance. Let's look a little closer at our reserve parachute which in my eyes is another 'Main in Reserve', and not just 'something that gets me down safely'.

Our second main is not there to put you in hospital after all, just because you lack the knowledge to pay the same attention to it as you do when using your new hot main toy! Let's activate, fly and land it with the same confidence as we do our mains.

Glider pilots? They must really envy us!!

Stephan Ertler

Stephan is a talented, innovative canopy designer, currently working for Paratec. His canopies include the Nova, the Fandango, the Twin Tandem canopy (ask Dave Morris) and the Speed reserve series (ask Baldrick). Stephan also designed the one pin Pop Top for the Teardrop.



Dave Morris landing, taken by Willy Boeykens

News Update

I'll start with a thank you to all the BPA membership. Through your Development Committee, you have agreed to support the 1999 Brit100 attempt to the tune of £15,000.

Let me reiterate our commitment to British skydiving in return for this – We will undertake to achieve the following objectives;

- Break UK records for the largest formation
- Attract sponsorship into the sport to support the event
- Create positive publicity for UK based skydiving
- Pass on our knowledge through visiting DZ's and coaching at Brit100 weekends (we need your help here, so read on).

We see Brit100 as an organisation that can potentially run and run, we can look at new objectives each year and offer all skydivers the opportunity to participate. With this in mind, we are keen that all members get the opportunity to become involved. We are offering all UK Drop Zones the option to host a Brit100 weekend with them. We will provide at least two of the team to run seminars, load organise and assist wherever possible, giving more people the chance of participating in future Brit100 projects. We will contact all DZ's through the BPA however, if you would like this to happen at your Drop Zone, ask. There is no charge for this from anyone at Brit100.

On other matters, we have agreed the dates, 12 to 16 July 1999 at Langar and probably the weekend before as well.

Our website is registered and on-line. It will start basic but we'll update at regular intervals, add it to your favourites now and our thanks to **Paul Hunter and Connect Computers** in Brighton for sponsoring and hosting the site (yes, the sponsorship works already!)

We are developing databases to run the operation in a smooth manner, talking to TV companies, viewing a host of logos you sent in (see separate piece) and starting work on sponsorships – any ideas to me please at simonw@musicradio.com. In the meantime we'll keep you updated in the ever-improving, all colour, glossy BPA magazine with Brit100 articles and information.

Finally (for now) you'll see us if you come to the AGM. We'll report on last year, show the video and take you through the plans for '99. Be there, it's happening!

Simon Ward



100

From now on until the record, every issue of the mag will include a Brit100 page, giving an update on what's going on, all the latest info and explaining how to get involved. Plus an article each issue from one of the Britt 100 Committee on large formation skydiving skills. All to help you be better equipped come the big day...

Why?

Big formations are a in a class of their own. We all know they're hassle: lots of dirt-diving, hours of prep, a logistical nightmare. Trying the same skydive time and time again. Buying jump tickets like champagne at a wedding for just one goal – completion.

Why do we bother? For that PFM moment – that Pure Fantastic Magic

point in time when you just *know* it's complete, there you are in freefall surrounded by your buddies and you *KNOW* the mother's done, you just *feel* it, you feel that electricity binding you to each and every other person on the load, you know you all got it together in the same sixty second, you know teamwork like you've never known it before and it's beautiful, so f...ing beautiful you think you're gonna cry, well, that's Brit100 for ya.

What?

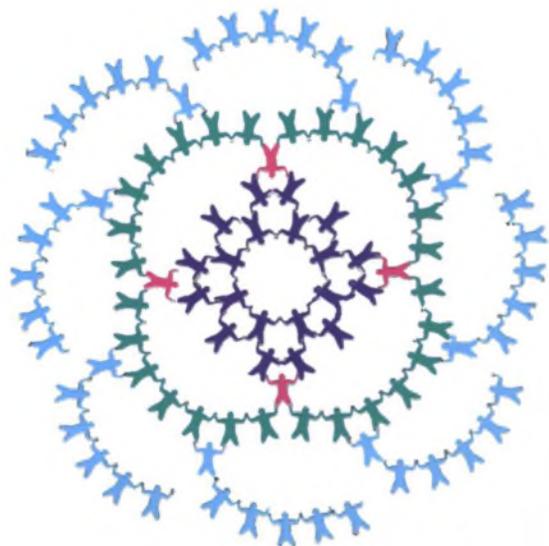
The Formation

The formation will be similar to the 1998 100-way formation:

- Loosely based on the 300-way
- Designed to withstand tension

Keys to success in design of large formations:

As few leg grips as possible and as few people taking two grips as possible. The more 'open' the formation, the easier it is for individuals to fly and react quickly to tension build-ups.



How?

Individual Skills Required

Leave the aircraft, fly to your slot, dock, track away and open safely. What could be simpler?

In fact, there is a bit more to it than that...

Base

No-one wants to go in the base. But with no base there ain't no skydive. Base people need to be able to fall fast. They need strength and tonic. They must dock very fast out of the aircraft. They must react quickly to fall rate changes.

Anchors

Must be waiting to dock the instant the base is complete. Unlike others, they will have leg grips. Must be solid and react quickly to fall rate. Must be peripherally aware. These are key slots.

Right now, we are desperately in need of some colour printing of leaflets and letterheads. Do you know anyone who can help? Can you help? If you do or if you can, contact
Simon Ward
01793 771 037
simonw@musicradio.com

We all need something to believe in, we all want to be patriotic, we all want a common goal and here is a goal worth sharing. To achieve for our country, to achieve as individuals, to achieve as a team and to achieve something for British skydiving. To unite with the same guys you normally compete with, to get to know people you've always liked but never had the reason to know any better, to forge friendships and make new ones, to feel the spirit of Brit100 take you up, that's **Why!**

Lesley Gale

Who?

Dive Captain
DARRYL MORAN
Tel: 01252 712284
emdazzle@aol.com

Team Captains
CHOPPER (DAVE COWELL) – Weston
Tel: 01372 743 137
chopper@bcs.org.uk
ROB COLPUS – Deep South
Tel: 01622 890 967
sybiosis.suits@btinternet.com
DAVE MORRIS – Langar
Tel: 0371 986 600
dave@daleside2.demon.co.uk
GEORGE PILKINGTON – No Fixed Abode
Tel: 01788 860 882
george@coolingroovy.com
STEVE APPS – Netheravon
Tel: 01980 671 242
steveapps@aol.com
GRAHAM HARRIS – Northern
Tel: 01224 321568
garris@btinternet.com

Aircraft and DZ
DAVE TURNER & DAVE HICKLING – Langar
Tel: 01949 860 878
BPSLangar@aol.com

When?
12-16 July 1999

What's New?
www.brit100.co.uk

Second Wave

Out of the aircraft must pick up line of flight straight away and fly directly to slot. On approach to formations be very periphally aware. Fly directly behind buddy 1 but do not trust them completely, pick up buddy 2 as soon as possible, check for buddies 3 and 4.

Buddy 1 (B1): person you are following out of plane to formation
Buddy 2 (B2): references to pick up across formation or person directly in front
Buddy 3 (B3): person you dock on
Buddy 4 (B4): person docking on you

Know your four buddies; their names, their kit colours, jumpsuit, headgear, *everything* about them. Be prepared for B3 not to be there. Fly close into slot allowing just enough room for B3 to get through. Fly directly behind/relative to B2. Dock when possible and fly your slot, do **not** relax up and out of your position, your work has only just begun. Legs out, fly into formation and stay arched.

Wackers

Follow but do not trust B1. Find B2 asap. Go straight to correct place. Do not rush, you have plenty of time. Be very aware of what the formation is doing as you are about to dock. Do not be caught out by height differentials rippling around the formation – stay calm, reference with B2 and B3, look into the centre, be aware of what is going on to your left and right and dock when formation is level (ish).

Peripheral Awareness

If you think you can't look into the centre of the formation and watch goings-on to right and left at the same time, then practice your peripheral awareness next time you are out driving. Concentrating on the road ahead, see how much information you can pick up from either side of you.

Attitude

One other essential skill is... attitude. A positive attitude during the whole event, rain or shine, get in or go low is vital. You need to be patient (loads of sitting/standing around, be focused (at all times, even in the bar), tolerant and the more experienced should lead by example (Mike!!). You need to work as a team, helping out the weaker people (don't pick on them!), being positive and helping to keep the vibes high.

That's all folks!

Darryl Moran

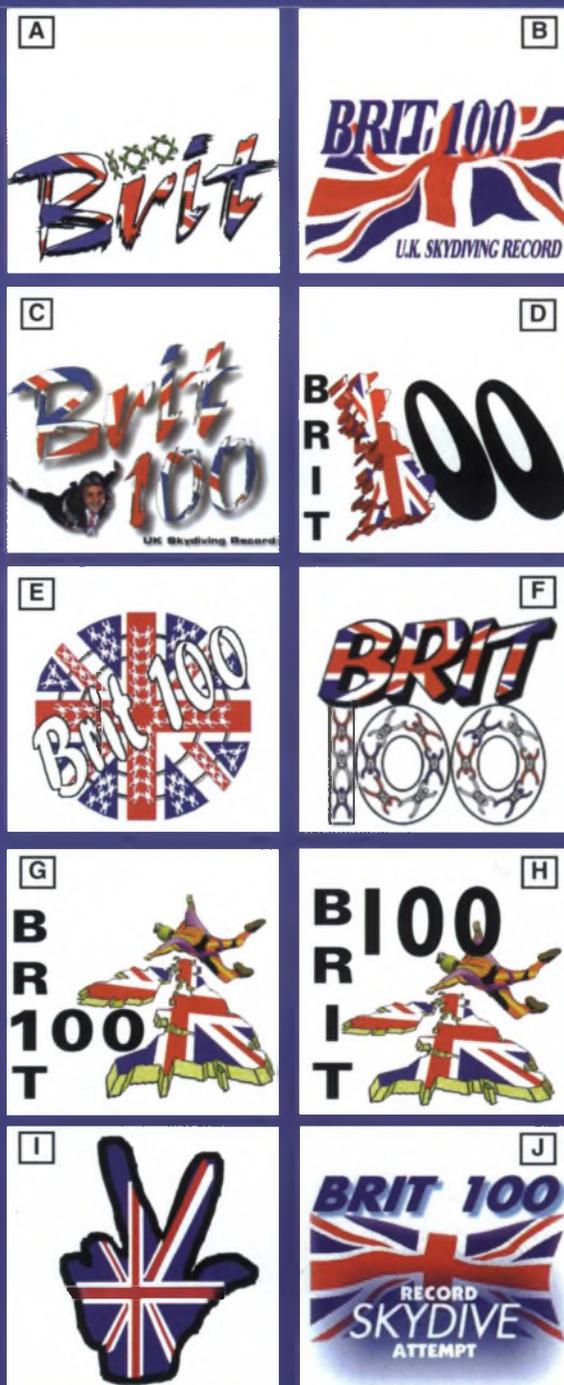
Logo Competition

Thanks to everyone who sent in logos for Brit100 – they were great and I've been overwhelmed with the offers of support, seems like we all want to be involved.

We've whittled the logos down and here are the best. All you have to do is e-mail your vote or send a postcard (Heh – no fixing!). We'll announce the winner at the AGM and in the next mag.

Don't forget the criteria: We want to say Brit100. We'd like to use the British flag and it would be good to indicate, in an easy to understand manner, that it is related to skydiving. We intend the general public to see this logo!

Send your votes to:
simonw@musicradio.com or send a postcard to
**Simon Ward, Mill Farm, The Fox, Purton,
Swindon SN5 9EF**



AGM – Hanover Hotel, Hinckley

What's On

Saturday 23 January 99

AGM – 10.30am

Static Displays

On all day, the latest in skydiving equipment from dealers and manufacturers

The Dummies

Rick Boardman and Chris Jones' popular activity

Seminars 2-6pm

Provisional Programme in blue

Meetings

Display Teams, Pilots, Pops

Dinner 8pm

£18 per head. Vegetarian option available, request when booking with Sharon at the BPA Office 0116 278 5271

Dance 10pm

Open to all members

Seminar Programme

Another Planet – Team members discuss the UK's record breaking and medal winning 16-way team

A View from the Top – A talk and video presentation from the RAF Falcon's Display Team

Brit100 – Then and Now – Simon Ward's presentation on what was achieved last year and the exciting plans for 1999

Unnecessary Risk – George Pilkington discusses treating the ground with respect

Student Landing Injuries – Dr John Carter, BPA doctor on a subject every drop zone should attend

Grading System for New Age Disciplines – Discussion of skydiving and freestyle teaching from Chris Gauge, Team Vice Versa

Open Forum on Legal Topics – Tim Scorer, Legal Adviser to the BPA's insurers is an entertaining speaker who makes a potentially dull topic fun

Mike Frost Presents – A wide look at all aspects of the sport; what's been done, what's happening now and a look to the future

Sponsorship Seminar – Charles Ross lends his marketing expertise to the question of Sport Sponsorship

Development Plan – Development Committee Chairman Charles Ross invites input from all, especially DZ Operators



Directions to the Hanover by Road

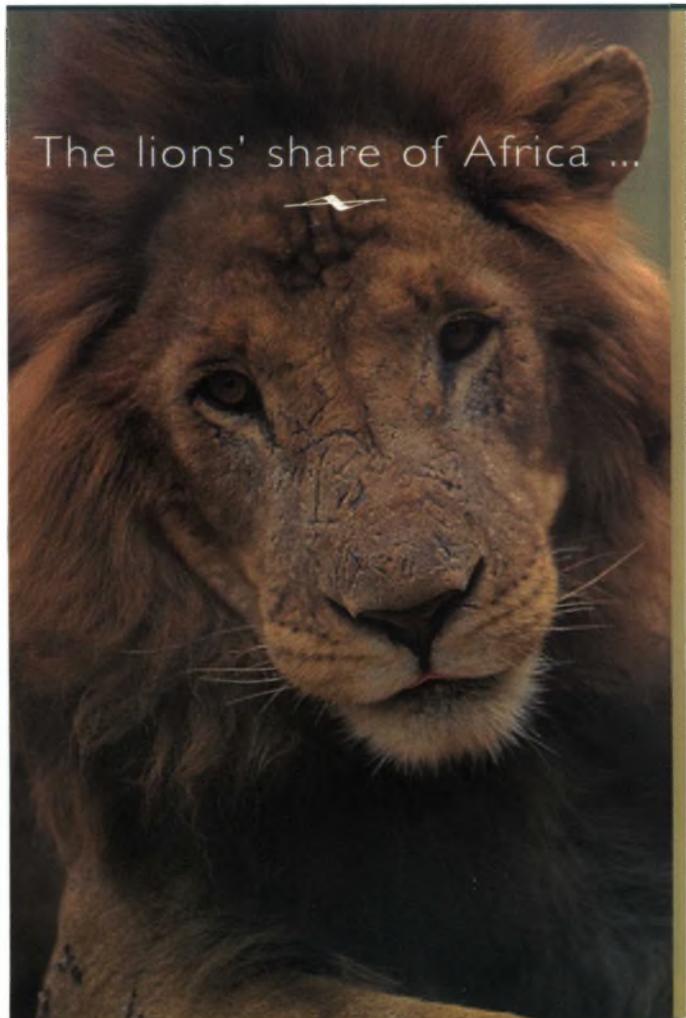
From North (M1 Southbound) Leave M1 at Junction 21 onto M69, Exit M69 at Junction 1. Turn left onto A5 (signposted London & Milton Keynes). Hotel is approximately 300 yards on left.

From North (M6 Southbound) Leave M6 at Junction 2 on to M69. Exit M69 at Junction 1. Turn right at the roundabout onto the A5 (signposted London & Milton Keynes). Hotel is approx 300 yds on left.

From South (M1 Northbound) Leave M1 at Junction 19 onto M6. Exit M6 at Junction 1. Turn right at the roundabout onto the A5 (signposted London & Milton Keynes). Hotel is approx 300 yds on left.

Overflow Hotel: The Hanover is now full but the Sketchley Grange is an overflow hotel, 3 mins drive away. See pg 56. For reservations call 01455 2511336 and mention the BPA AGM when booking to get the special rate of £35 per person.

The lions' share of Africa ...



Imagine leaping into endless, royal blue skies, African plains dotted with meandering game, sultry sunsets in luxury settings ... the African adventure you've always dreamed of. Skydive Safari Africa offers you all this and more. Two luxury weeks in South Africa, sightseeing in Cape Town, scenic skydiving and day trips to our superb wine farms, visits to the finest private game reserves to see the Big 5 at close quarters. Luxury, the untamed wild and the unrivalled beauty of Africa all rolled into one package. For \$3600 per person sharing from USA, or £2000 from Europe, guests will receive all meals, beverages and accommodation, return airfares, with ten skydives to 14,000ft from a King Air. And personalised attention.

For more information, contact Hugh Newman or Glenda Miles
 e-mail: huglends@iafrica.com Telephone / Fax +27 11 795 2889
 Packages are available from October through to May



CENTRE DE PARACAIGUDISME COSTA BRAVA EMPURIABRAVA

- * **11-13 DEC: 16-WAY SEMINAR**
Large formation training
- * **12 DEC-3 JAN: X-MAS BOOGIE**
Airplanes: 2 CASA, Turbolet, Twin & Pilatus
Tombola, 10 Way Speed Start Captain's
Cabin competition and party and beer.
It will be the best!
- * **12-20 DEC:**
FREEFLY FESTIVAL by BABYLON Freefly School
- * **4 JAN-28 FEB '99: SPECIAL PRICES**
NORMAL JUMP: 2.500 pts (12,500 ft)
AFF COURSE: 190.000 pts (with tandem and
videl all levels)
TEAM JUMPS: 2.200 pts/person
- * **27 MAR-11 APRIL: EASTER BOOGIE**

Freefly School all year

World class coaching for 4-way and 8-way

AFF courses (all levels with air-to-air video : 215.000 Pts)
and Formation Skydiving School all year

BPA AFF instructors on site to obtain CAT 8 and beyond

Teams and groups discounts and free use of facilities

Pilatus Porter and other airplanes for
special events



For more information, get in touch!
P.O. Box 194. 1787 Empuriabrava (Girona) Spain
Tel. +34 972450111 Fax +34 972450749 E-mail cpcb@gna.es
<http://prest.gna.es/dlleure/Paraca/cpcb.htm>

THE KIT STORE Ltd

THE ONE STOP SKYDIVING SHOP !

ALL SORTS OF SKYDIVING STUFF IN ONE PLACE !

Headcorn Airfield, Kent, TN27 9HX

Tel : 01622 890967

Fax : 01622 891236

Email symbiosis.suits@btinternet.com

We mail order

We have loads of stock

New and used Canopies & rigs

from: Performance Desians

Parachutes de France

Sunpath

Thomas Sports

PISA

Stiletos

Sabres

Silhoettes

PD Reserves

Springos

Merits

Techno reserves

Cypres systems

Cypres batteries

Teeshirts

Sweat shirts

Vests

Caps

Bounceproof

Tevas & Strops

Atoms

Javelins

Teardrops

Racers

Tempo reserves

Chest mounts

Wrist mounts

Soft links

Hackey sacs

Kill-lines

Altimeters

Timeouts

Eureka FT50s

Sapphires

Altimaster 2 & 3

Books

Videos

Para Bags

Drag mats

weight vests

oversleeves

Factory Divers

Sidewinders

Italia Zls

Frapp hats

Protecs

Gloves

Goggles

Log books

Stamp people

Parachute components

& spare parts

Fakeleys

Croakies

Skyeyes

Flexi goggs

Jack knives

Zak knives

Stickers

*** Main agents for Symbiosis suits**



**Call, fax or Email Rob Colpus for advise or a brochure.
Or drop in to the Kit Store at Headcorn DZ at any time.**



Toys and Games at the Freefly Party

BaByLoN FreeFly school are organising a FreeFly Party at Empuriabrava from 12-20 December the week before the Christmas boogie. They will take care of any freeflyer able to include a group to play with toys like skyballs or tubes (see picture) and regular group jumps. The school will also still be working with beginner flyers. All funky flyers are welcome.

BaByLoN Freefly School is run by Sylvain Turina and Stephane Fardel. Since the end of K.Ramba, BaByLoN is the exclusive FreeFly School in Empuriabrava. During the Christmas Boogie, BaByLoN will take care of the freefly part of the event, safety and organising group jumps. They promise entertainment with big tube jumps

which are 'really cool to fly around'. They will mix the groups with skysurfers thanks to the presence of Viviane Wegrath and Cedric Dumont. The load organising is free, there is no registration fee and jumps will be 3,000pts to 12,500ft. Contact BaByLoN on Tel/Fax 0034 972 451417, Email babyloN@mail.dotcom.fr

Insurance Cover

Any BPA members over 70 having trouble getting travel insurance for skydiving are recommended by BPA member Don Swanson to try Airsports Insurance Bureau, tel/fax 01983 298 480

Web sites of the month:

www.Brit100.co.uk
www.skydiveseb.com/
www.visexp.com
www.omniscore.com
www.dropzone.com/
<http://home.nordnet.fr/~paramag/>

Desperately Seeking Dummies!

Rick Boardman and Chris Jones plan to run their popular Flight Line Check activity at the AGM again this year. This involves kitting up some mannequins with dodgily rigged equipment, participants check them out and see if they can spot the flaws. Rick would like to borrow four full-size mannequins (male or female), which are capable of being kitted up and stood in an upright position. Ideally they would be available immediately until after the AGM, as he would build the stand at Netheravon as a teaching and safety aid in the meantime. Anyone who could help provide the perfect dummy, please call Rick on 01980 670598.

Second World Air Games

The second World Air Games contract has been signed. The agreement means that this multi-airport event is due to be held in and around Seville in June 2001. Eurosport TV have formally declared their interest in covering the Games.

Did you know . . .

...that the Russian team set a new World Record of 20 formations in time at the CF World Championships in Eloy, Arizona

Quote of the Month

"What counts is not the number of hours you put in but how much you put in those hours"

Anon



From Toby Stafford

EXOTIC SKY ADVENTURES Ltd.

The Amazing Thai Boogie

PAST BOOGIES:

- ZANZIBAR 1992
- MALAYSIA 1993
- MALAYSIA 1994
- INDONESIA 1995
- CUBA 1995
- CUBA 1996
- MADAGASCAR 1997
- THAILAND 1998

1999

February 8-20

[HTTP://WWW.EXOTICKY ADVENTURES.COM](http://www.exoticskyadventures.com)
 Alexis I. Perry
 1 Clos Favier Rue Remparts
 43350 Saint Paulien, France
 Tel: (33) (0)471005606
 Fax: (33) (0)471005607

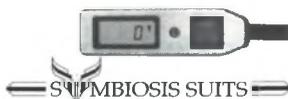
Small and big tailgate plane
 • Place: exotic Prajuab • Champion and worldrecord loadorganizers and video • 15 Skydives • Daily beachloads • Rigging and medical services at the DZ • Skydivers beach hotel 3 star, breakfast and most dinners • Transportation, parties etc.

PACKAGE US \$ 1.480,-

With flight US \$ 2.070,-

With flight US \$ 2.270,-

from Europe
 from LA
 We fly with Thai Airways.



Bits n Pieces

Did you know . . .

...that Patrick Passe and Wendy Smith have produced a skydiving calendar, available on 01622 890 967

started an Inter-University League. Universities and Colleges can compete against each other across the country. The areas of competition are:

- ◆ Progression (to cat 8 and beyond)
- ◆ Style
- ◆ Formation Skydiving (3-way)
- ◆ Freestyle and Freeflying
- ◆ BCPA Meets through out the year (as usual)

Universities must affiliate to the BCPA in order to compete. More details can be found by contacting Paul Channin, 0956 395680, paul.channin@kinesis.com or visiting the new website at www.shf.ac.uk/~bcpa/

New BCPA League

The British Collegiate Parachute Association has

Buy a fabulous XL T-shirt and the proceeds go to our National 4-way team, *Sebastian XL*. The guys do get their training jumps sponsored but they still have to support themselves and find the cash for travel and entry fees to meets. They need all the help we can give them! T-shirts are available in four colours and cost £15 plus £2 P&P, why not round it up to £20?

Call Gary on 01252 717701

Brit100 – 1998 and 1999!!!

The dust has settled, the photos are all finished, the video will be in the shops for Christmas, and we are planning for next year's attempt – but more of that later.

Brit100 – '98 was great. However BPS

Langar learned that combining it with its own Boogie was not a good idea. There were jumpers, good friends, who were not on the *Brit100* Team that did not get the attention that they should have had.

Put it quite simply – all the Dive Organisers, and Warp Instructors were in the 100-way effort. They were not there to look after you. This will not happen again!

Our next attempt at the record in '99, will be quite separate from the Langar Boogie. Sorry, so sorry to those who felt uncared for at the Langar Boogie.

The Langar Boogie will be 3 -11 July. We have booked the aircraft – a Casa 212!

The *Brit100* event will be 12-16 July, ie, following the Boogie. A lot has been said about the BPA involvement – the cash and the Council members who dropped in to see us (and some took part!) Yes! It was great PR within the organisation, no getting away from it! We all thought that at last the good old BPA was doing something for the grass root skydiver. In fact it turned out to be a far better investment for our sport than the money spent on the PR Company Image Wizard!

However let's not miss the point, £5,000 was brilliant!!! But even without it, *Brit100* would still have taken place. After all with each lift costing up to £3,500 a go, the BPA £5,000 was a help. Quite a few jumpers made between 15 and 18 jumps, the base made at least 18 jumps paying over £300 per person and were quite happy to do so. (We cannot all be whackers!!). BPS Langar is well on the road planning for 1999, *Brit100* is not an exclusive Langar affair. The team has chosen to come here again and new records are sure to be set. *Brit100* needs help (see pgs 10-11 – Ed). *Brit100* will be a great Team Effort. I estimate that we will need at least 160 people for 1999, about 120-130 jumpers 30-40 other team members. (PR, video work, fuelling, manifesting and a whole host of other tasks).

BRIT100 is a TEAM EFFORT. Be there!

Dave Hickling

Did you know . . .

..that there is an advertisers index on page 55

USA

Travellers Beware!

To all who intend to travel to the USA this winter, make sure that your reserve is in date according to a 120 day cycle. There is no such thing as a six month pack job in the USA.

Did you know . . .

...that the Australian 16-way team *It'll Happen* set a new World Record of 16 points in 50 seconds working time at the recent World Cup

New FAI Officers

Elif Ness (Norway), was re-elected FAI President for an unprecedented fifth one-year term. The new 1st Vice President of FAI is Wolfgang Weinreich (Germany), currently President of the German Aero Club, and a keen glider pilot.



Email: symbiosis.suits@btinternet.com

SYMBIOSIS SUITS

The Airfield, Headcorn, Kent TN27 9HX

Tel: 01622 890967 Fax: 01622 891236

* UNDER-JUMPSUIT

WARMWEAR

* Highest thermal insulation, Lowest bulk Award winning MERAKLON fleece inner. Windproof, low bulk, outer skin.

"You don't have to choose between freezing to death, or lack of mobility when Skydiving during a European winter!" *Warm Skies*

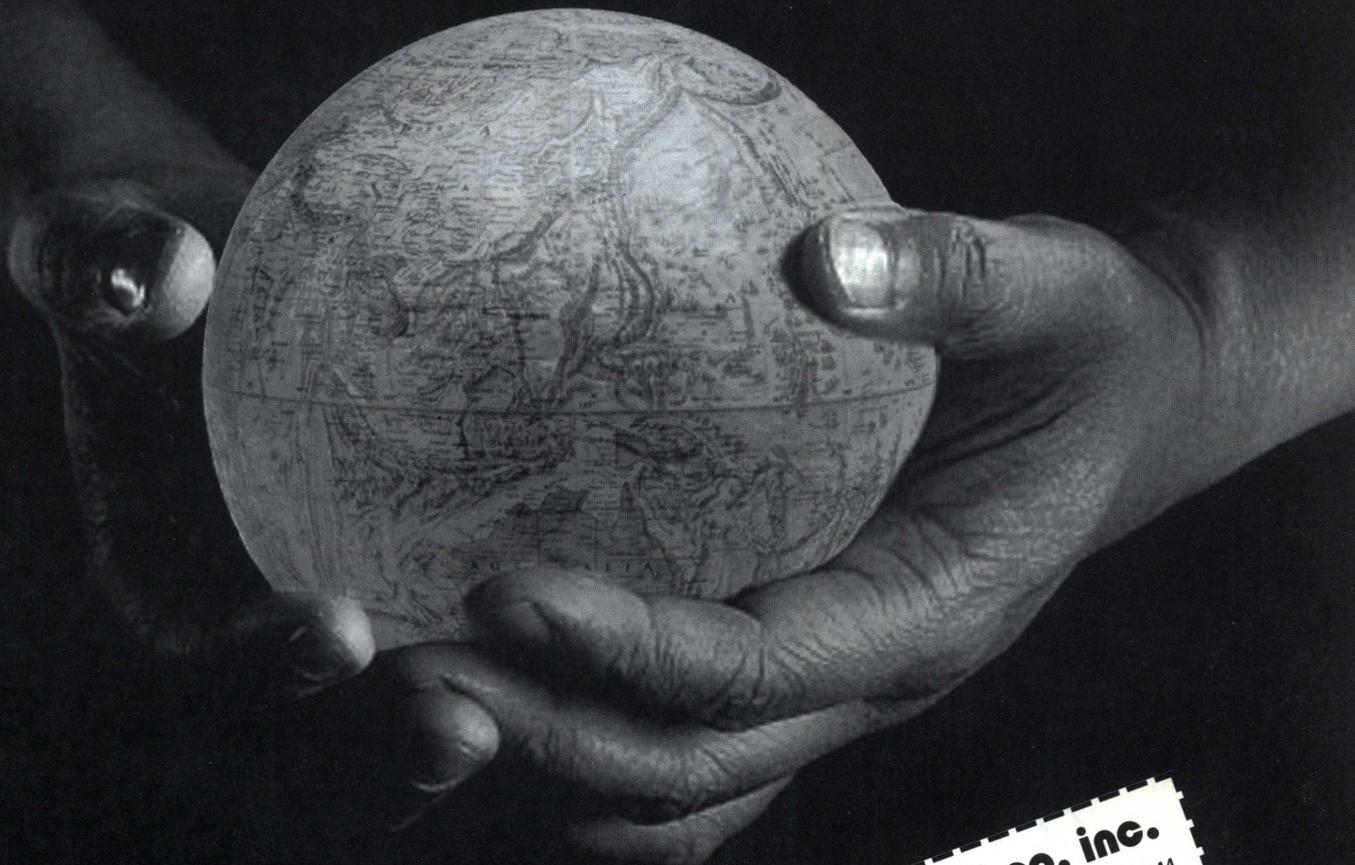
Call or send for Brochure

Rob Colpus

CATCH THIS!

For over 35 years, Para-Gear has served the world with selection, service and experience unmatched by any other.

We are dedicated to giving our customers the best value in the industry and we ship worldwide every day.



Let us serve you too...
send for our BIG 192
page catalog of all the
latest equipment and
accessories.



Para-Gear Equipment Company, Inc.

3839 W. OAKTON STREET • SKOKIE, IL 60076 USA

(847) 679-5905 • FAX (847) 679-8644

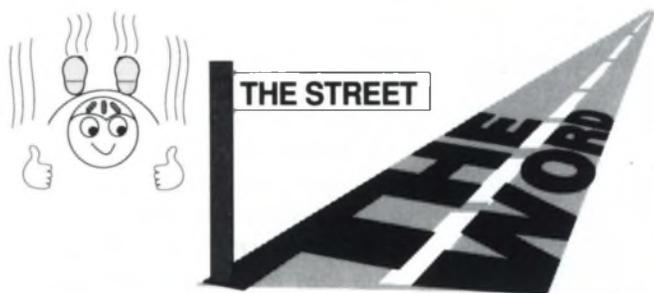
para-gear  **equipment co. inc.**
3839 W. OAKTON STREET • SKOKIE, IL 60076 USA • (847) 679-5905 • FAX (847) 679-8644

- I live in U.S.A. Please send new 192 page CATALOG. Enclosed is my check for \$2.00 to cover the cost of the CATALOG and 3rd Class Postage.
- I live in the Continental U.S.A., Alaska, Hawaii, APO, FPO and want my CATALOG First Class. Enclosed is my \$5.00 to cover the cost of the CATALOG and First Class Postage.
- I live in Europe, South America, Canada and want my CATALOG Air Mailed. Enclosed is my \$7.00 to cover the cost of the CATALOG and Air Mail Postage.
- I live in Africa, Australia and want my CATALOG Air Mailed. Enclosed is my \$8.00 to cover the cost of the CATALOG and Air Mail Postage.

Allow at least 3 weeks for mailing.

Name _____ State _____ Zip _____
Address _____
City _____
Country _____

With your PAID FOR catalog request, you receive a catalog and a certificate worth \$10.00 useable on orders over \$100.00.



NO SPEED LIKE AIRSPEED

Airspeed have pulled it off! Twice World Champions Jack Jefferies, Dan BC, Mark Kirkby & Kirk Verner convincingly took the 4-way title in October's US Nationals held at Skydive Arizona, Eloy. They were up against *Space Center FX* from Skydive Titusville, who had just won the World Cup in Portugal. The word on the street had been that *Airspeed* had done little training in 4-way. Their efforts were on 8-way. Even so, *Airspeed* ripped ahead winning the first 3 rounds. *FX* got busted, and refused to jump with the air-to-ground video after round 1 'Cos it's unfair that *Airspeed* should see our jump before we see theirs! (!) Still, you battle on, huh? *Airspeed* having turned a 28, 29 and a 32, finished 21 points clear of *FX*, 51 clear of *Deland Genesis*. (Training?, they don't need no steenkin' training!) Gold no 1.

On with the 8-way – *Airspeed* and the *Knights*, at least 8 times World Champions have fought it out 4 times this year, the *Knights* winning 3 of them. The *Knights* have got a sick member and have called in the 'spare' just in case. But, they're ready to go off. *Airspeed* are motivated and have the finest civilian 8 ever assembled. Jonny 'Rocket' Eagle, Alan Metni, Craig Girard and Gary Beyer made up the *Airspeed 8*. They have trained for 2 years like madmen, if they ain't ready now they never will be. The gates are open and they are off... *Airspeed* jump first with a ripping 21 in time. The *Knights* reply with a blistering 24! AA are skydiving hard and already 3 points down! *FX* fire out after the *Knights*, go like hell and score... 0. (Half of the team is *Space Center FX*, World Cup Champs. So, if skydivers of Joey Jones and Dawn English's calibre can score a 0, then it gives the rest of us HOPE eh?!!)

Round 2 is *Airspeed's* with a 24 to the *GK's* 23. Round 3's a tie on 20. The *Knights* flail a bit on round 4 with 19. AA are on it at 24. It's now *Airspeed 92 - Knights 89*. Wicked! Round 5 is one the *Golden Knights* will never forget. They leave the plane following *Airspeed's* 21-pointer ready to really Turn It On. There is a bust at the top that turns into a double bust. Horror. Horror of horrors! The judges confirm this and score them 14. *Airspeed* are now in an unbelievable position, 11 points ahead after 5 rounds. During the next 5 rounds the *Knights* tie 1 round, win 2 rounds and lose the other 2. The final score is *Airspeed 207* to the *Knights 198*. Gold no 2.

The *Knights* were the first to meet *Airspeed* on the DZ and congratulate them. Both teams had trained all year for these 10 minutes of skydiving. Their one goal was this victory. Someone had to lose. For *Arizona Airspeed*, on their home DZ, beating the previously unbeatable *Knights*, the World Champions, this was the ultimate prize. For the *Golden Knights* the total other end of the spectrum. They were defeated. Never had this happened before, when it counted. This time it did. No chance now to defend their World Title in Australia in '99. Graciously the *Golden Knights* handed their crown to *Airspeed*. Charlie Brown of the *Knights* gave an awesome speech at the prize giving, which brought tears, cheers and respect. *Airspeed* picked up the 10 way speed too, Gold no 3.

16-way, the new event in America (they used to do 20-way, before we made 16-way fashionable and Rob Colpus got IPC to give it status), it was going to be between *Airspeed*, *Golden Knights FX* and the old favourites *Deguella*. *GKFX* equalled the World Record of 16 in time (50 seconds) twice and won the

event over 8 rounds with an average of 11.1. Cool. That brought to an end the most incredible US Nationals ever. One team dominated all. *Arizona Airspeed*. We salute you. You are truly versatile. As you say, 'There ain't no Speed like *Arizona Airspeed*'.

DID YOU KNOW

Arizona Airspeed, *Golden Knights*, *Generation FX* & *Deland Genesis* all use *Time-Out!*

BRIT 125!

Hey Hey Guys, Brit100 is ON! Yippeeeee! This time things will be Even Better. The BPA are helping fund operations again but this time with substantially more dosh. If we get our shit together like we did last year and put in a little more effort with the sponsorship then, who knows, we just might be building this skydive for FREE! I for one am up for that!(provided you can keep off the bench George – Ed) If you're reading this then YOU can be part of Brit100 next year. The organisers will be at various DZ's to help people accumulate the skills necessary to participate. So each and every skydiver can join in and learn new skills that will enable YOU to be holding onto (read 'flying with') the biggest formation ever built over the UK. It's happening next year and you can be on it. So Guys, once again Brit100 – Are You Ready??!!

GO VERTICAL

Many British skydivers deserted the atrocious October weather and headed south to Train in Spain for the second *Go Vertical* freefly week. Tim Porter and Chris Gauge of *Vice-Versa* together with the gifted German freeflyer Achmed Scharma organised loads going to 17,000ft for \$17. Top coaches included the Babylon freeflyers from Empuriabrava such as Phillip Vaullaud and Frank LaPoole. 106 registered and were blessed with Europe's fastest Twin Otter, tremendous progression, good medium sized freeflying dives, the jumping of skyballs, windsocks (tubes) and 'The Bomb' - a large canister of water trailing a tube which explodes, releasing the water before a heavy impact. Safety and progression were the name of the game. Yan and Ros, owners of the centre, plan an

even better time next year. The Otter will be faster still and greater emphasis on intermediate freeflyers as well as beginners. Registration is likely to be limited to just 100 funky flyers. For info on Train in Spain call 0034 953 123 233 or email TrainIS@aol.com. A cool week in the sunshine!! Do It.

21 LITTLE BPA INDIANS

There are 21 candidates standing for Council. Yes! A real election for the first time in years. Council says goodbye to Steve Apps (see ya at Brit100!) and Phil Gibbs who are standing down. Thanks for everything guys. New Candidates include DZ Operators Tim Andrewes, Steve Swallow & Dave Hickling, along with Regan Tetlow (owns the best pub in Stalybridge – home to Chris Plaice & Charles Ross) of *Angels of the North* junior FS team and Mike Allum, well known ex-Top Pop (I'm not gonna put 'father of Pete!' – Geo). VOTE Guys! It's our BPA! Tell the Council what we want. We elect them, they work for all of us! This year has seen the BPA make some fresh innovative moves. I liked them! Brit100, *Another Planet* and *Team Playstation* were all helped financially. More power to your Elbow BPA, keep making the right decisions, keep supporting us. We are YOU and you are US.

TEAM X MINDER

Team X, who are at the World CF Championships as I write, have taken the unprecedented step of appointing a Minder. This is not for physical protection but to ensure that one of the team, Ian Marshall, is where he should be when he should be. The minder's job is to accompany him to the plane/dirt-dive/meals/etc. Ian has a habit of wandering off to chat to people to gain support for the future of CF & general BPA Council matters and can be completely oblivious to events going on around him – like competing in the World Championships! Best of Luck to the minder and the Team.

COOL LEE DOES IT

Big congrats to Lee Moran, son of Dazzle, qualified Cat 10 in 30 jumps and 2 months. Way Cool!

George Pilkington



Have you ever watched a video tape of a world class skydiving team and turned green with envy?

Shaking your head, have you caught yourself saying, 'How'd they do that?' or 'Some day I hope to be that good'. Whatever your response, one thing is for certain, professional skydivers get professional results.

Since leaving the *Golden Knights* and full time competition, I've had the privilege of working with literally hundreds of skydivers and teams from around the world. One thing I have learned as a professional coach is that most of the mistakes committed in freefall are universal.

In this article we're going to explore the most common errors made above the drop zone, and offer some red-hot tips – these tips can help 'fun jumpers' skydive like professionals

Tip One – Basic Position

The first tip is to get rid of that stupid box position. If you're teaching someone AFF



or your arms naturally fall into that position, that's fine.

However, if you're being taught to do what I call 'in house relative work' by using the box method, you're only setting yourself up for failure. Watch any team doing more than a 15 point average and count how many seconds during the jump the members are actually in the box. I think you'll find that it's not much at all. So why over emphasise it? If you're skydiving fast, you're deflecting air using your entire body, maintaining levels, picking up grips – all while trying to remember a ten-pointer and now you've got to worry about pretty right angles? You just don't have time to mess with that stuff! Put your hands in an area that's

conductive for relative work and keep them in that general area between points. Now I won't leave you without any options, take that box position and bring your hands inward until they're about 6-10 inches from your shoulders. The palms can stay down or you can go thumbs up but, no matter which way the palms are facing, they are always grabbing air to assist in flying. I'll go back and forth between palms up or down depending on what I'm doing in the air or the tunnel at that time. This position and versions of it have been utilised by members of the *Golden Knights* for years. It is now starting to catch on with others as the 'Manta' body position. With this position, I can also dip an elbow to help slide sideways or turn. You notice I say help, we'll get into this more later.



"The Manta position has been utilised by the Golden Knights for years"

Tip Two – Awareness

The next tip is to gain total awareness of your surroundings in freefall. Total awareness is one of the qualities that all top jumpers have. You will not get very far in competitive FS, or for that matter any formation skydiving, without a good set of 'eyes'. You've got to see the whole picture during the entire skydive, from exit all the way to landing.

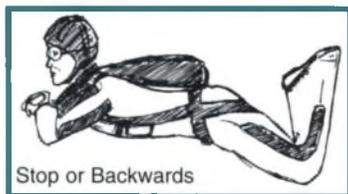
While in a skydive, keep your head up and look across the skydive while making your moves to see what's going on. This will not only give you more references during the jump, but it will also give you the opportunity to identify problems as they develop. A lot of the errors people make in freefall could be avoided if they slowed down, looked at where they were going, went there, stopped, and then worried about grips. Many skydives go bad because a small problem develops during the jump and no one reacts, then that small

problem turns into a big one. In the words of two time World Champion, John Hoover of the *Golden Knights* 8-way team; "8-way is nothing more than solving problems as they happen." That's why professional teams are so consistent; they see what is going on and react. If amateur teams and jumpers would do the same, their success rate would increase dramatically. Ladies and Gents, skydiving is a lot like driving a car, if you don't look where you're going and react fast, you're gonna have an accident.

Tip Three – Legging It

The last topic is the most important of all. Use of this tip would prevent almost all skydiving errors and dramatically improve the quality of every jumper. This tip will not only make your moves quicker and sharper, but will also give you far greater stopping ability. It's not how fast you can go – it's how fast you can STOP! Everyone always asks how to go faster but rarely does anyone ask how to stop.

The \$250 tip of the day is to use your legs to make most of your moves and also to stop momentum. For years, this has been the key to the success of quality teams all over the world. Digging in a knee not only



accelerates you very quickly in a turn or side-slide but will decelerate you just as fast. Tom Piras first mentioned the legs and knees when breaking down moves in *Skydive 101*. Jack Jefferies discussed in a *Skydiving* article that, by dropping a knee and the opposite shoulder or arm that you would have a very nice 360° turn. (Thanks for the tip by the way.) And for the last ten years the *Golden Knights* were teaching



this technique to every 'new guy' to don black and gold. Dropping the right elbow and right knee just a little bit will give you an excellent side-slide to the right, the opposite



scenario will do the same for the left. Dropping one or both knees just a little will get you going backwards efficiently and quickly. Dropping the right knee and left elbow or shoulder will make for a very efficient centre turn to the left, and of course, the opposite combination to go to the right. This is the greatest tool that I was ever taught to enhance my ability not only to move, but to manage the environment.

Tip Four – Keep It Simple

Skydiving has come a long, long way since its early days of flight. And it's not always the easiest thing to learn, or to learn to do well. Face it, no-one I know was ever born in freefall.

In recent years a lot of theories, fancy names for turns, angles and set-ups, coupled with pretty extensive training manuals from schools, have been introduced to the sport. But if you really think about it, in formation skydiving you



"Slow down, look where you're going, get there, stop and then worry about grips"

get out of an aircraft and build up air pressure, then deflect it to go forward and back, side-slide or turn (sometimes you go over or under) – or use a combination of the above to accomplish your task at hand. Either you turn in slot, you turn as you back up, or you turn as you go forward. Keep it simple when you think about it. Try to focus on and master the fundamental skills of basic flight. You will then start to see a change in your consistency and your confidence.

Joe Trinko
jstair@skydive.net

Joe was a Golden Knights team member 1992-96, winning two World Championships and 12 National gold medals. He still competes and is available for coaching.



"The \$250 tip of the day is to use your legs"

Photos by Brian Smith. Illustrations by Adi Green

KIT NEWS

by Allan Hewitt



Jump On It!

Jump Shack is making available to all owners of their *Elite 400* Tandem canopy, a retrofit which the company claims will improve and soften their openings. They claim consistent 2-3G openings in approximately 4 seconds and 400-500 feet. This information was gained from Jump Shack's *Computer Rig*, a Racer with an on-board computer which logs data on riser forces and altitude 100 times per second.

The Jump Shack phone number in the last issue was incorrect, see below. This was for the item on the relocation of the line stows, with the aim of eliminating line strip and forcing the packer to equally divide the bulk of the lines.

Jump Shack – 001 904 734 5867
or info@jumpshack.com

Visiting the States

A lot of American drop zones have an FAA exemption to allow foreign visitors to jump kit that is not TSO'd. However the exemption issued to USPA drop zones specifically states that **all** repacking of parachutes used relevant to this exemption by foreign parachutists must be performed in accordance with

105.43 (a), ie, on a 120 day repack cycle.

This information is direct from Glenn Bangs, Director of USPA safety and training. Any drop zone not working to a 120 day repack cycle will not have a problem until an incident occurs with out of date gear and then it will be 'Sue City'.

Sky Science – 01980 844130

International Parachute Symposium

January 10-14, 1999 in San Diego, California

The PIA (Parachute Industry Association) are hosting another symposium where parachute manufacturers and equipment dealers from around the world show off the latest in equipment and services. There are over 100 exhibits and 100-plus hours of seminars, plus the opportunity to meet parachute designers, manufacturers and riggers. This is one not to miss. Having been to all of the symposiums since they started, it is without doubt a most informative and educational event which never ceases to amaze me.

PIA – Tel: 001 972 231 4127
or hq@pia.com

Parasport Italia have a new web page address:
<http://www.parasportitalia.com>

Cypres and the Millennium

Airtec have issued a statement regarding any effects on *Cypres* and the year 2000. They have confirmed that they are fully aware of the potential problems with computer systems and the year 2000 and are confident that there will be no adverse affects to any or all of their systems.

The Navigator

Performance Designs has introduced the next generation of student canopies. The new *Navigator* student canopy is designed to address many of the shortcomings of traditional student designs. The Navigator is the first canopy that is specifically designed for the modern student. It

provides good feedback to control inputs while maintaining reasonable student airspeeds, providing incredible landing forgiveness and resistance to stall. It will provide all of this at low (student) wing loading while helping the student pilot learn the techniques they will need to apply when flying a modern sport parachute.

PD has also considered the durability issue. The construction of the

Navigator borrows from their tandem canopies. The utilisation of tandem construction and reinforcement, along with the incorporation of a protective cotton patch around the pilot chute attachment point, make this possibly the strongest and most durable student canopy ever produced.

PD – 001 904 738 2224
or Sky Science – 01980 844130

PC1 Accessories

Cameraflyers, have you bought the new *Sony PC1* yet? What a piece of kit! Just two problems with PC1's at present – mounting them in existing systems and wide angle lenses.

Sward and Tony Silman have done a few mount jobs now and will convert existing systems to accommodate your PC1. The major problem is wide angle converters. At the time of writing Sony (or anyone else) has yet to release one. Sony products tend to be at the higher end in price and they will not be wide enough for many videoflyers.

The answer is simple – use your existing wide angle lens. Sward Snaps has produced a *Step Ring* which allows you to use the common 37mm thread lenses (as used on *PC7's* & *10's* amongst others) on the 33mm PC1 lens mount. Why buy extra lenses when you can only jump one at a time anyway?! The Step Ring costs £15 and along with all your camera mount requirements is available through Sward.

They also make a slightly different *Vision-On* fitting for the PC1 (the hi tech fibre that shows your camera is switched on, featured in last issue's Kit News), so them know when you order the Vision-On if it is for a PC1.

Da Kine Skysurf Boards

A top European supplier for surf boards is World Champion surfer Viviane Wegrath (pictured). She is marketing Da Kine boards in four sizes, with monoquoce construction, adjustable fixation system and top hip design.

Tel: +44 79 405 1382
E: Vivisurf@compuserve.com



Brian Erier

Advance Advances

The *Advance* harness/container system manufactured by Parafun shown in the last Kit News was an early prototype. The manufacturer has said that changes have taken place which make it look less like a *Javelin*. The Advance container has no reserve side flaps as what looks like side flaps is actually the reserve deployment bag made with the same material as the container.

Parafun – 0033 494 734788
or <http://www.parafun.com>

Sward – 01793 771037
or simonw@musicradio.com

What a Marble!

Sun Path Products, manufacturers of the *Javelin* harness/container is teaming up with jumpsuit maker Tony Uragallo (Air Time Designs) to manufacture matching tie-dye and marbelised rigs and suits. Customers can order the jumpsuit at the same time as the rig and the two companies will co-ordinate production using the same material. The entire rig can be made with tie-dye/marble fabric or just selected pieces. Prices vary depending on how much speciality fabric is used.

When ordering rigs and suits, skydivers can design the rig with custom colours. Tie-dye is available to match any of the stock cordura colours. The marbelised fabric is currently only available in green tones, orange/yellow, blues, and purple (Tony's rig is made with the marbelised purple). More colour choices will be available in future.

Production time on the *Javelin* harness/container system is currently 8-10 weeks. There is no additional delay for rigs using speciality fabrics. All *Javelins* come with the new modifications (tucked reserve flap, bridle protection flap, riser tuck flaps) and are Cypres ready. Chest and hip rings can be added for increased flexibility. Stainless steel hardware is also available.

Sun Path Products – 001 813 782 9242
or Javlingirl@aol.com





Keith Larrett





Free Fly Fun

Photos by Brian Erier

unless otherwise credited



First 16-Way FS World Cup

Empuriabrava
September - October

This was the coming-of-age of 16-way skydiving. The first ever world level competition in this event and the first real chance to see how some of the world's best teams stacked up against each other

The Americans didn't turn up, but the Australian team *It'll Happen* came fresh from a 75 jump training camp back home; *Norway I* made it known they were 'here to win', while the French fielded a team partly familiar from La Ferte but with a few big names added. The local Spanish team looked competent with some well known jumpers on board, while the Netherlands and *Norway II* were unknown quantities.

For *Another Planet* the event came at the end of a couple of successful seasons. We were European Cup winners this year and last, as well as 16-way World Record holders, but we were fully aware that the competition we would meet at Empuriabrava would go well beyond anything we'd come up against so far.

British Team

We were going to the competition as the British Team, helped along by a generous £5,000 from the BPA towards our costs. We even started to look like a team on the ground, with our smart matching jackets and co-ordinated T-shirts. We almost had to start taking ourselves seriously. But serious - *Another Planet?* Another Party, more like.

We threw ourselves into some training jumps in the few days leading up to the competition, trying to recapture that La

Ferte feeling. It had long been clear that any team that could get a reliable 16-way launch from the Twin Otter would have an advantage - not having an Otter to practice from we'd decided to stick to our free-flown exits, with just a few grips being picked up by the base.

The Launch

The rumors were rife that the Aussies had the launch sussed and were notching up some impressive points in their training dives. *Norway I* were determined not to be left behind, so were going for the launch too, despite not having had much exit practice from an Otter.

Watching the videos of the official practice dive it was clear who was going to be out in front. The Aussies had clearly put an enormous effort into getting a reliable 15-way launch (front floater flew free) which was certainly working. The cost had been high though, with several injuries during their Queensland training camp. Seeing those at the back of the launch donning shin-guards under their jumpsuits and hard hats brought home just how serious a proposition it was. Don't try this at home - at least not unless you've got some spare team members!

New World Record

It was also clear our 12-point record from La Ferte wasn't going to last long.



Equalled by the Aussies on the first round and left well behind on the second when they pulled off a brilliant 16-pointer in time (no separation required between randoms, remember!). Congratulations all round for a new World Record. They were showing us all just what could be achieved with a trained, dedicated and disciplined team. And they were having a ball too! Just one launch funnelled out of the eight rounds, and they still notched up a respectable 5 points after they sorted out the mayhem!

The Teams

Norway I was clearly also a team to be respected. Their flying between points was fast and cleanly efficient. France





Both photos show *It'll Happen*, the Australian team, taken by Bruno Brokken

looked dangerous at times but their best contribution was their high spirits and the good vibes that they infected the whole drop zone with (I'm still puzzled about that rabbit chant!). A breakdown of all the teams is shown over the page.

The Result

We carried on our own battle against France and Spain, greatly motivated by the endless stream of encouraging faxes arriving daily! As the rounds went by *It'll Happen* and *Norway 1* were clearly out in front. Consistency paid off again for us and we came home third – delighted to be on the podium and to have something to show for all that support back home. It was excellent that the scores showed big

differences between the teams so the outcome was clearly the right result.

Did you know . . .

. . . the last time Britain won a medal in FS at an IPC sanctioned international meet was 1981.

All the teams were welcomed back from the landing area on the last jump by a horde of congratulating competitors (led by the French again!), with the loudest cheers reserved of course for Australia. Worthy winners and good competitors to the end. After the last round they and their coach spent a good hour with a crowd of other competitors explaining the specifics

of each slot on the launch.

Prizegiving

The prizegiving saw medals awarded for both the World Cup and the official European Championships (placings for European teams within the overall event). Then only the partying and last-minute T-shirt swapping to go. Our jackets were so popular by this stage that we got several novel barter offers – most of which weren't hard to turn down!

Roll on next year...or the next. If this competition was anything to go by, 16-way's going to go from strength to strength!



Angela Macdonald-Smith



1. GOLD: Australia
– It'll Happen (It did!)



Formed June 1997 with the aim of winning the World Cup in mind although about 50% of personnel have been changed since then. About two-thirds ex 4 and 8-way national champions. About 160 jumps together in total, approx 70 of which immediately prior to the event from an Otter. No sponsorship. No previous competition experience. Coached by Pete Bambach, former Rijidij member.

Aerial photos by Bruno Brokken



3. BRONZE: UK – Another Planet

Has had an almost identical line-up for five years, composed mostly former 8-way champions, with an average of 2,600 jumps. Average age is 32, dubbed the 'oldest and boldest' by other teams and awarded a special prize of a walking stick! Did a 30 jump training camp at Soulac sur Mer and three weekends leading up to the World Cup. Aims have always been to enjoy as well as to excel.



4. France – Noene

Similar team to European Cup, bolstered by ex French 4-way champion Patrick Saget. Sponsored for 150 training jumps this year. The 'vibes' team of the competition. Lived up to their name of NOENE – NO Energy NEGative! Sponsored by a company manufacturing anti-smelly insoles!! IPC President Claude Gillard and Vice President BJ Worth said many times during the prizegiving how amazed they were at the positive vibes coming from this French team – apparently the French have a reputation on the international circuit of arriving with their protest forms already filled in! But Noene must be congratulated for creating so many good vibes; without their reception for winning teams, the meet would have been very flat at the end.

Result

World Rank	Europe Rank	Team
1		Australia - It'll happen
2	1	Norway 1
3	2	UK - Another Planet
4	3	France - Noene
5	4	Spain
6	5	Netherlands - 16MB
7		Norway 2

6. Netherlands – 16 MB (Mystic Ballistic)

Formed at the beginning of the 1998 season. Mostly former members of Hot and Sticky, familiar to La Ferte competitions. About 40 jumps together but hardly any from Twin Otter.

How the teams lined up



Wendy Smith

Wendy Smith

◀ 2. SILVER: Norway I

Mostly former 4 and 8-way national champions. About 80 jumps together, 10 of which from Otter. Came with the aim of winning, so tried launching despite little practice. Organized and businesslike. No sponsorship. Congratulations to Norway I as European Champions.



Another Planet received £5,000 from the BPA towards attending the World Cup



s Table

Round								Total	Avg
1	2	3	4	5	6	7	8		
12	16	10	5	11	9	14	7	84	10.5
10	9	6	7	6	8	12	5	63	7.9
6	7	6	5	7	4	8	5	48	6.0
7	7	5	5	6	1	5	5	41	5.1
6	4	6	5	2	0	6	4	33	4.1
2	4	0	2	4	3	4	1	20	2.5
0	3	3	0	4	1	3	0	14	1.8

7. Norway II

A fun team, formed in early 1998. About 40 jumps together but the official practice dive was the first with the exact 16 for the competition. Came with the aim of not coming last. (A shame because they did!)



5. Spain

Essentially made up of members of the Transmontana 8-way, the Red Bull 4-way, plus Empuriabrava local staff, Richie, Rainer, Ivan and well-known female doctor Concha. Aims – to have fun and come anywhere in the top seven! No practice as a team.





Another Planet

Another Planet would like to thank

the BPA for finance, Ray Armstrong, Stitch 'em Up for the jackets (the most desirable item of the meet), John and Janet Curtis for the packing mats, Sunpath, PD, TSE Aircor Synthesis, for the t-shirts, Michelle Pollard and Roger Shepland for the T-shirt design, Nicklaus Relative Woodshop for keeping Rob in the air, Empantabrava Sibson and Weston for looking after us, *it happens*, the Aussie team for showing us their launch and for being bloody good sports, and ALL THE FAX SENDERS for keeping up our vides

Other Planet



1998
World Cup
European Championships
European Cup

Bronze
Silver
Gold



Main photos by Willy Boeykens
Exit photo by Bruno Brokken

Team members:

- Rob Colpus
- Phil Curtis
- Lesley Gale
- Charlie Hoare
- Craig Hill
- Mark James
- Steve Johns (camera)
- Angela Macdonald-Smith
- Tim Mace
- Ian Matthews
- Kevin McCarthy
- Steve Mikos
- Darryl Moran
- Bob Parr
- Rhino
- Kevin Sargent
- Dave Smith
- Jane Smith
- Ian Stevens
- Graham Suffield
- Derek Thomas



skydive sebastian

The worlds Largest Skydiving School

Over 250 Grads 1997. The only Drop Zone in the USA owned and run by Brits.



400 West Airport Drive, Sebastian, Florida 32958.

Tel: 1-561-388-5672 Fax: 1-561-388-2105

email: skydiveseb@aol.com

Check out our website: Take a virtual reality tour. www.skydiveseb.com

New for 1998 Car Rentals Tel: 1-561-388-9399 Fax: 1-561-388-5745

email: RentGator@aol.com for shuttle and car rentals

**Gator
Car Rental,
Inc.**



- **AFF course levels 1 to 7 (includes all gear rental and one-on-one Instructor training)**
- **USPA Membership & Third Party Insurance**
- **Level 7 Video in any format PAL or NTSC**
- **Transportation to and from the Airport in our new a/c shuttle bus (Orlando or Sanford) Miami extra**
- **Hotel accommodation includes breakfast**
- **Car Rental (mid-size)**
- **Level 8, Graduation jump 5,500ft Hop 'N Pop,**
- **FREE goodie bag includes T Shirt, bumper sticker and key chain.**
- **SMI (student medical insurance) covers up to \$50,000 for 45 days.**

Retail Price on all of the above \$3,699.30

Your cost for a complete 14 day Skydiving package vacation is \$1,664.85 each.

Total cost double occupancy \$3,329.37

A savings of \$237.43

Each additional person add \$1551.57. **Up to 4 people per package.** The above prices do not include: repeat on any AFF levels, consol jumps, transition to hand deploy, local sales tax, State taxes, Hotel tax, CDL insurance on car rental, insurance for extra named driver, insurance for under 25 year old drivers. Non refundable, non transferable, good for one year from time of purchase, 50% deposit required on booking non-refundable.

Club News

The Beauty and the Beast



Greg Reid

This lovely shot of the Dornier with a vibrant rainbow arcing across the sky was taken on a stormy day at Hibaldstow

Notes from Netheravon

THOUGHT FOR THE MONTH:

Be nice to Helen (our wonderful manifester) and she'll be nice to you.

Cold Comfort

Wolfie was doing secondary AFF from the Bin liner at 14,000, picture the scene, 'Up, Down, Oh my God'... the students hand catches Wolfie's reserve handle and dumps him out on exit! His pilot chute bounced off the aircraft but all was well, except for the hypothermia he suffered. Jason Grimes (primary) nearly died of laughter.

Congratulations to **Leggy** on his 2000th. Well done to **'Skippy' Morris** for looking after the students so well on the weekends (35 separate briefs on one weekend).

Other Events

The Halloween party produced some great hangovers and some classic Sunday's jumping

Hot off the Press:

Jackie Collins and Spike Harper of *Upton Park* were extremely sneaky and sloped off from Sebastian to the Cays and got married! Hearty congratulations from all at Netheravon.

Martin Williams

Cornwall Cool Cat 8



Phil Mulken

Peter Leach is the youngest student to gain Cat 8 at Cornwall for some years. Peter is 16½, lives only two miles from the centre and has achieved this in almost the minimum number of jumps.

Chucking Up at Chatteris?

NO PLEASE, NO MORE FREE BEER!!!

17 first freefalls in six weeks and the instructors are awash with free beer, they even leave it in the fridge for others to drink, yes folks it's *that bad* and with a further 11 approaching, life could get totally out of hand!

On a sad note Mac the tame yank and beer fairy (Oooh, that Bud Ice) is leaving to go back to the United States of a miracle and will be sadly missed (Party On Dude)

Rumours here at Chatteris are rife, mainly connected with big silver birds that smell of burnt kerosene when running and sound something like a kettle, you know a water About May 1999, they say.

News just in from the Met Police indicates that no-one broke that egg, it fell down the stairs, Your Honour.

Thought for the month – Smile through the cold and that excruciating pain as the blood returns to your fingers.

Bountiful Bridlington

British Skysports has made the most of this year's short summer, holding many successful events. We enjoyed the extra altitude made possible by the visiting Porter which made its second visit as we were hosting the August Instructor courses.

Our location by the seaside made an excellent venue for the water and beach jumps and all the non jumpers involved helped make it a fab day for the rest of us (except Richard). The social scene has continued with BBQ's, a sea fishing trip, thanks to Jarvo, and a successful pool team finishing third in the league. Hopefully our night jumps will have taken place on October 24, the bonfire and fireworks burned and whizz banged accordingly.

Hello to all fellow Muff Brothers, especially Ray White my Muff Daddy. Our mammoth fund-raising continues, thank you to all who have contributed towards our building project of the new club-house and shower block. Anyone who can help further, please contact me. Best wishes to Lynne and Dave for the winter in Texas, see you next year!

Achievements

1ST FREEFALL	Karen Cairney, Richard Harrison, Jenni Cullen, Jamie Stroyan, Chris Watson, Cat Swift, Frank Glue, Mike Mc Kerchar
CAT 8	Rob Mitchell, Rob Simpson, Steve Watts, Ali Rennie, Michael Coffey
AFF LEVEL 8	Glen Manson, Julian Topham, Dave Platt, Mohammed Shukri, Stuart Self
CAT 10	Nick Bourne, Mal Richardson, Phil Lyall, Andy Pollitt, Steve Aston-Smith
FS COACH	Joanne Johnston

Mal Richardson

Loughborough Go Cool & Groovy

Loughborough Students Sport Parachute Club, Loughborough University, is proud to announce a new sponsorship deal with the *Cool & Groovy Fridge Co Ltd*.

The club has been actively seeking a sponsor for some time. The sponsorship has already proved a great help to the club. The club will receive a *Time-Out!*

Paul said, "We are delighted that *Cool & Groovy* have decided to sponsor us. The club is going from strength to strength with more and more students needing top quality equipment to further their progression. This sponsorship deal is going to be of benefit for many years to come."



The club has recently redesigned their sportswear and has incorporated the *Cool & Groovy* logo onto the sleeves. "They look so cool we would be happy with the logo alone!!" said Paul.

George Pilkington, Sales Director said "The logo looks kickin' on the shirts, it's great to be linked to the University skydiving club. I hope that this will be the start of a long relationship."

Paul Hutton
0976 569 589

MF Boogies Empuriabrava, Spain

The October AFF course proved to be of celebrity status. When Scotty Milne took the students to Spain, little did he know that he was in the company of a couple of Gladiators!



James John Crossely (aka Hunter), pictured above, and 1998 Gladiators contender Gary Johnson were part of the course, along with three more students. They all had a fantastic week, although Hunter had to leave early due to commitments but will be completing his course in the near future.

Congratulations to:

Cat 8: Gary Johnson, Craig Ravenscroft and Marc Bolton

Roddy Mackay

MF Boogies/AFF Tel: 0831 680 363

POPS CORNER

Parachutists Over
Phorty Society



LANGAR – SEPT 26-27

The last meet of the year was a good weekend, despite the weather. Thirteen members registered for the Hit & Rock which was 'kit off' making it very entertaining for the judges and spectators out in the pit!

Saturday night was party time, a great duo kept us entertained, many people wore fancy dress with an outer space theme, Chuckles and the other bar staff kept us suitably 'topped up'. The usual Pops raffle was good fun and increased the funds by a few pounds, thanks to all who bought tickets. Needless to say a few Pops members were some of the

last to leave the party, I'm not naming names or what time they left! Some of the Pups watching our antics in the Hit & Rock asked if they could have a try at it, so an Islander lift was arranged – but thwarted by weather. Thanks to all at Langar for another memorable meet. By the way Dave, we did some weeding in the pit whilst waiting for the competitors!

This must be the first year for a long time that we have managed to complete all the competitions at all three meets. Thanks to all who have made the effort to attend them. See you at the AGM!

COMPETITION RESULTS

Hit & Rock

1 John Flower	15.78 secs
2 John Crowhurst	24.55 secs
3 George Poole	26.63 secs

Accuracy

1 Ian Nicholson	2 George Poole
3rd John Flower	

Team Accuracy

1 John Crowhurst, Dave Parry, George Poole.
2 Lenny Mobbs, Ron Rodger, Ian Nicholson.
3 Ron Millard, Alan Glaister, John Flower.

Sue Hill

Hon Sec / Treasurer
www.pops.org.uk

DATES FOR NEXT YEAR

May 22-23 Devon & Somerset Parachute School, Dunkeswell
July 31-Aug 1 Black Knights Parachute Centre, Cockerham.
Sept 21/25/26 5th POPS World Meet, Chilliwack, B.C. Canada.
Boogie at Chilliwack starts Sept 18, competition starts Sept 21.

PLEASE WELCOME NEW MEMBERS

Alan Smith, Ian Smith, Arthur Gibson.

Catch Up with Cyprus

Recent visitors to the CCSPC Drop Inn could be forgiven for believing they were suffering from tinnitus, due to the number of firsts, progression and news that has occurred here in Cyprus. The fine weather has attracted a host of visiting instructors topping up their tans from what I hear was a scorcher of a summer in UK (*Eh??? – Ed*). The result of the efforts of Dennis, Skippy and the resident staff over a two week period, was seven Cat 8's, three Cat 10's, a well received night jump and to wrap it all up, a BBQ (because we can) and lots of free lemonades. We welcomed back Neo; John got a 'first' baby boy and to crown the month, jump of the year will go to Stavros and Mimi when they descend upon the Town Hall, Larnaca to tie the knot.

Of course, this month was all just a warm up for the campanologist's Cyprus meet on Sat 21 Nov at the Drop Inn, otherwise known as the AGM and end of season bash. Speaking of bashes, we been a little careless and broken our resident 'vidiot' Peds (took a dive on someone else's fiancée) and our top banana AFF juggler CCI Brian McGill; we hope their right shoulders come back to play soon, apparently they've just 'popped' out. Drink Well and Be Happy. Cheers!

ACHIEVEMENTS

Cat 10 Shaun Elwood, Blacky, Tony Houghton (DB3)

Cat 8 Tracy Chant (+ B Licence), Carol Shaw (+ B Licence), Shane Imelia, Paul White, Rob Ballantyne, Jason Curtis Pilch Richards

Tony Houghton

Skydive Sibson

First of all, regarding to last issue's piccy; I was pushed!

Well, the Let has gone back home for another winter – roll on spring, but we will have the Islander and the 206 at our disposal. And anyway, who wants to go above 10 grand when it is freezing in double figures up there?

Congrats to:

Married:

Karen Rendall to Steve Wood,
Emma Routley to Andy Densham

First freefall: Barry Roberts,
Virginie Lenfant, Darren Hall

Category 8: *Ron Luke, Scott Bolderson, Ray Cox, Marc Edgson, Dilip Sundhoo, Esther Crawley, Barry Roberts, Nicky Fielder*

FS1: Richard Moulton,
Graham Messenger,
Jo Cleaves, *Jon Whymark, David Perry, Paul Williamson*

(People in italics also known as the Flaming Greyhounds, I

Hey there, Geordie girl!



Cornelia Waymouth

Before the Let went, both it's captain, Oleg and the Islander pilot Chris Coney-Jones made a tandem with Max 'Bella' Guthrie (sorry, no pic available) and Geordie 'Beach' Best – the make-up really suits you!

believe it's best not to ask why!

Cornelia
(She was pushed!)
Waymouth

A PARAGON of SKYDIVING

Scotland's newest drop zone has now opened. Billy Gollan's *Paragon Skydiving* has been in operation at Errol Airfield since 28 August, with George McGuinness looking after the operations. Already it is proving to be popular, with many old jumpers coming out of the woodwork and the parties have started already!

We have a new 206 (with in-flight door) parked at the end of the runway and a full complement of instructors. We offer first time courses and progression training for rounds, RAPS and tandems are available. All disciplines of skydiving can be catered for including CREW, in fact Freddy McDonald our newest Crew Dog has already been in a 5-stack.

Full Canteen/Showers/Bunkhouse and camping facilities available and we are open every weekend.

Linda Ross

Eaglescott Reopens

Eaglescott Skydiving Centre was re-opened on 10 October by MJN (Southern) Ltd with a 'get-to-know-you' weekend for local club members plus retraining for Bristol University Students and others who had trained but had yet to make their first jump. The centre opens weekends 9am-9pm, midweek operations can be arranged by negotiation through the CCI.

The Centre is undergoing a major refurbishment programme with the

Hinton-in-the-Hedges

Congratulations to:
Cat 10 – Lucy Maycock
Paul Abrahams

aim to improve and expand the facilities already here, offering one jump courses, tandem jumps, AFF training, FS and CF coaching. More improvements are planned for the near future including the arrival of bigger aircraft.

John Stafford the new CCI, along with the new owners are happy to welcome beginners through to experienced parachutists at this small, professional but friendly Drop Zone.

OBITUARY

Hey Jude!

On Friday October 9, 1998, Judy O'Brien died after a long battle against cancer.

Many of the older jumpers will remember her as Judy Slater, her name until ten years ago when she married my brother, Dennis.



During the 1980's, Judy was a regular at Sibson, along with her dog Ben, the biggest, strongest, toughest Boxer it has ever been my pleasure to back away from. It speaks much of Judy's popularity when, after Ben suddenly died, her friends at Sibson presented Judy with a Boxer pup they had bought between them.

In her skydiving, Judy did not take things too seriously and chose instead to enjoy every second of the sport she loved so much. She was never seen to land without a huge grin across her face, an attitude which she carried into her everyday life.

Judy's zest for life and the sparkle in her eyes must have been one of the things that attracted Dennis to her, and after knowing each other for some years, they finally married in 1988. They went on to produce two mini tornadoes, Lewis (seven) and Kristie (three). Judy also became a great friend to Denis's son Richard from his previous marriage.

Judy was a much loved member of our family and will be sadly missed, but we are sure she will always be remembered for the great deal of fun and happiness she gave Dennis, her family and her friends.

Ronnie O'Brien

Woodmouse in the House

Once again an excellent turnout (17 teams) for the annual Woodmouse meet at Peterborough. A Cessna Caravan was brought in and flew alongside Sibson's Turbolet on the Saturday. Congratulations to all teams and thank goodness we didn't have to jump in the cold on Sunday.

Results

Intermediate

Gold: *XS* (pictured)
Silver: *Turning Tricks*
Bronze: *Rioja*

Senior

Gold: *4Pak* (pictured)
Silver: *Scrabble*
Bronze: *Zip*

Junior

Gold: *Roadkill* (pictured)
Silver: *Tree Hugs*
Bronze: *What a Joke*



Intermediate Winners: XS



Senior Winners: 4PAK



Junior Winners: Roadkill

RAFSPA SCRAMBLES

Good weather on 13-14 September meant the RAFSPA Scrambles completed five rounds out of six, with 11 teams competing. The standard was high, with some teams scoring an 8. The usual mayhem ensued, along with great achievements – congratulations go to **Kate Shue** and **Graham Fowler** who got their Cat 10.

After much pushing and shoving (sorry – great skydiving), *Team Bing Bong* triumphed, scoring 36, with second place going to *Junction 4* (Eddie Carroll, Bernard, Anita and Craig Bailey). third place was a nail-biting tie between *Point Plus* (Julie Cannell, Amanda Williams, Mark Tittermouse and Rachel Gray) and *No Hoppers* (including Martin and Tony Silman) but the decider was who could complete the fastest Zig-Zag – Marquee block. Unfortunately, *No Hoppers* lost on account of a new 'helicopter' technique invented by Tony!

Junction 9

And finally for RAFSPA 98...

RAFSPA has once again put the aircraft to bed, stored the telemeters, unplugged the computers and dismantled the tannoy for the winter. Loads of people braved the severe weather warnings to celebrate the end of season with our 'Grab a Granny' hangar party. Charity shops in the area reported their busiest shopping day since records began, with cardigans, surgical stockings, walking sticks and chiffon scarves proving incredibly popular. Huge amounts of beer were consumed, as Grannies bopped away to The Ravin' Jekylls Band (those of the PD Tour fame) and Robbie's disco. Congratulations to **Amanda Williams** and **Ashley Kemp** who celebrated their recent engagement with a bottle of Grand Prix style champagne (most of which went over the crown). Looking forward to seeing everyone in 1999.

Bev Ford

Langar Leaping

Double the Aircraft – Double the Celebration

Jack Felstead (1,000th jump) and Jill Rilesy (200th jump) celebrated their respective landmarks with a 26-way out of the formation flying Turbolet and Porter. Both pilots did a cracking job!

In the words of the poet:

*Jack and Jill went up the hill to do a 26-way,
When they got down, they both got drowned
By hosepipe, then with Beaujolais*

Tony Danbury

Halloween at the Geese

Halloween is always renowned for spirits and not just the ghostly type. This year was no exception.

Unexpected guests, the 'Avengers' and the 'Sun' turned up at the party (see pic).

The Skycentre – a purpose built dining and social area, was officially opened on 31 October by John Hitchen, followed by a firework display ably done by Reggie Diamond and Stephen 'Babe' Kirk. A brilliant weekend was rounded off with an 8-way using two C206's on the Sunday, admirably flown by both Geese and Ballykelly pilots.

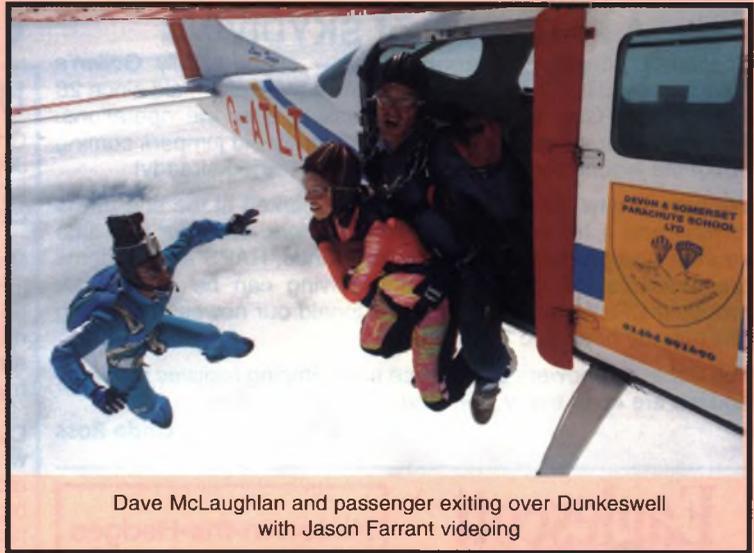
See you next Halloween!

Francis Mullin



The 'Avengers' and the 'Sun'

Francis Mullin



Dave McLaughlan and passenger exiting over Dunkeswell with Jason Farrant videoing

Adrian Thornton

It's a RAP(A)

"Welcome to you all" said Jim Scarrat, Warrant Office and Chief Instructor of JSPC Bad Lippspringe. The RAPA FS meet had commenced!

A hint of blue sky through a murky grey cloud and the Turbine was turning and burning. Our *Colt* 4-way team was being directed towards the first round. The end of a brilliant day was capped by an ice cool Becks at a comfortable 35p. I knew it had been a cracking meet when I woke up under the mock-up the day after the party! The evening had seen the usual bar video plus a bit from the old 'Wings', which brought a few tears of laughter and memories for some. Steve Blee's son was setting the standard on the dance floor. Have a word with your Dad Jordan!

Jim finished the meet by thanking everyone. Well, the thanks go to you Jim; it was a great meet!

Auf Wiedersehn!

Tom Baker



RAPS over RAPA

Time-Out!!



Intelligent Audible Altimeters – Definitive Data Collection

2 Independent Altimeters. Count Down Timer. 1 - 225 Jump Data Store. A Fully Featured Compact Digital Audible Altimeter for Free Fall Skydiving and Canopy Flight Data Capture. Complete with CD Rom containing 'EvoLog 2000' Logbook Software. Time-Out!! Evolution 2000 is the Total Solution to Altitude Awareness and Logbook Accuracy.



SOLO MODE
for FS Relative Work, Free Fly, Solo and any other skydiving requiring normal opening altitudes.

TIMER MODE
for Free Fall Competition Skydiving, or any skydiving where an accurate 'End of Working Time' signal is required.

OPERATION MODE
for Tandem Masters, SkySurfers and any other Skydiver or Skydiving requiring *higher* than normal opening altitudes.

DATA MODE
for Downloading Jump Data into 'EvoLog 2000' Computer Logbook s/w.

EVOL0G2000
Bespoke Logbook software. View and manipulate downloaded data. Log with ease and accuracy. CD Included.

Evolution 2000 £225
Interface 2000 £49.99

From Dealers
Or Direct

No matter how long or short your skydiving career, Evolution 1000 is the altimeter to use. All the Bleeps in Free Fall you need, All the Data you want on the ground, Permanently Stored, because when you EO and don't jump, Memories and Logbook is all you'll have. One Licked Device.

Order NOW from Dealers or direct from Cool & Groovy.

Cool & Groovy Fridge Co Ltd, Swinford, LE17 6BE, England
Web Site - <http://www.coolngroovy.com> Tel/ Fax (+44) 01788 860 882
Email - Info@coolngroovy.com

Evolution 2000 Always 3 Bleeps !!

Club Reps

Border	Katherine Andrewes	01665 589 000
British Skysports	Mal Richardson	01377 254 142
Cyprus	Pete Smith	j6cisepi@dia1.cylink.com.cy
Eaglescott	Tim Barlow	tim.barlow@natpower.com
Headcom	Simon Hughes	Airaffair@btinternet.com
Ipswich/N London	Richard Johnson	gravaddict@aol.com
Langar	Tony Danbury	bpslangar@aol.com
Netheravon	Martin Williams	martinwilliams5@compuserve.com
North West	Pete Findlay	Peter.Findlay@btinternet.com
Paragon Skydiving	Linda Ross	0973 746 929
Peterborough	Cornelia Waymouth	LillaW@aol.com
Peterlee	Geoff Mason	0191 586 5278
RAPA	Melanie Horne	100550.2171@compuserve.com
Silver Stars	Richard Olpin	richard.olpin@tmc.u-net.com
Strathallan	Kelly Halliday	01738 445 135
Target Skysports	Helen Swallow	helen@targetsky.demon.co.uk
Tilstock	Colin Fitzmaurice	colin@tilstock.demon.co.uk
Weston	Bev Ford	Bev@oxfordtc.co.uk
Wild Geese	Francis Mullin	f.mullin@ee.qub.ac.uk



THE DREAM OF FLIGHT

 **Performance
Designs** Inc.

1300 E. International Speedway Blvd.
Deland, FL 32724 USA
tel. 904.738.2224 fax 904.734.8297

Performance Designs' Goal:

Build parachutes that offer superior solutions to your needs. Sure we have the most extensive research and development program ever, and the most advanced laser cutting technology in the industry, but that's not all. It's also our team. We are not just manufacturers, we're also customers. In every department from design, to R & D, production to sales, you find skydivers. People who don't just talk about parachutes but put them to the test personally. It is this blend of advanced technology and practical application we feel enables us to offer what many people agree are the finest parachutes available today. Whether it is a Spectre or Silhouette, Sabre or Stiletto, PD Reserve or PD 9-cell, there is a Performance Designs canopy to suit your needs. Try one and we think you will agree:

**At Performance Designs,
The proof is in the performance.**



Golden Knights Brian Smith



Sebastian XL Keith Larret



British Army Brad Reader

With the absence of Airspeed, everyone expected a clean-up in the 4 and 8-way events at this year's World Cup; Mauberge and the Golden Knights respectively. We couldn't have been more wrong! All credit to the Russian 8-way team and the American 4-way for making the 1998 World Cup a truly memorable one with a close fought battle all the way.

This year's World Cup was held in Evora, Portugal. Evora is an ancient, romantic town with a middle ages castle and old town wall, situated about an hour to the east of Lisbon. Two British teams entered the FS events; *Sebastian XL* and the *British Army*, both doing 4-way, while the *Army Team* also combined with the Dutch to enter the 8-way as well. Unfortunately no British skydivers or freestylists entered (I should have taken my board along!). Thirty-three 4-way teams and ten 8-way teams registered.

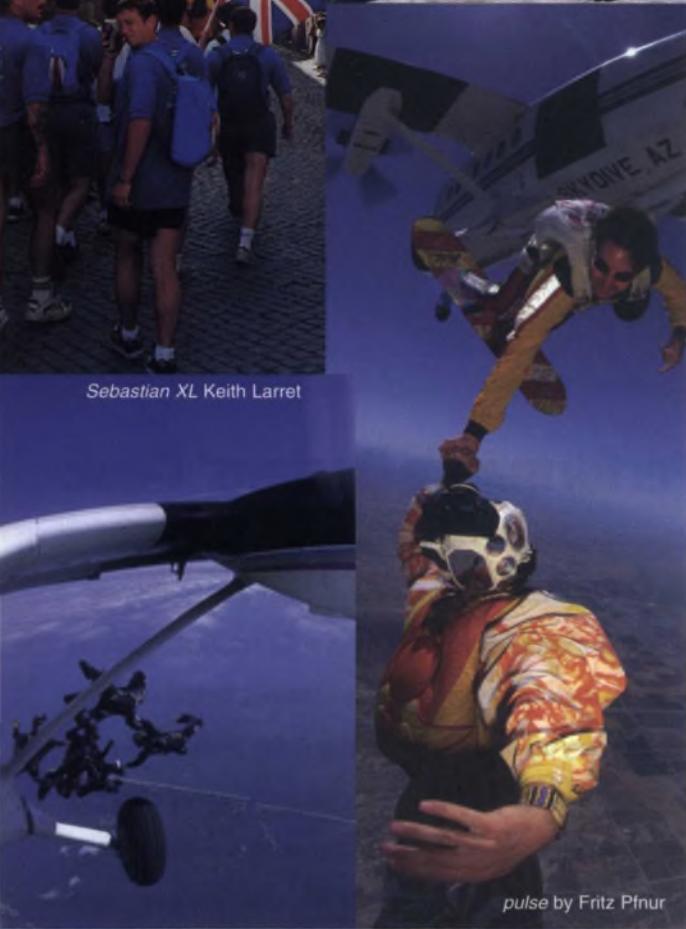
Both *Sebastian XL* and the *British Army* turned up early to get some training jumps from the competition aircraft. Saturday 19 September saw the opening ceremony where we all paraded through the town of Evora. After this the official practice jumps began but, due to bad weather, some were delayed to the next day. When the meet proper started, live judging was supposed to be used for every other team, but poor visibility caused the chief judge to shelve live judging for the day and, soon after, for the rest of the meet.

4-way

In the 4-way competition it was clear from the start that there was going to be

some stiff competition. *Space Center FX*, with British jumper Fin Molloy on camera, were fighting hard against the French team *Mauberge* for the Gold. *FX* is a new team that has been together for only a year and had been very secretive up to the meet what they were scoring. There was always going to be hard competition for the bronze medal between *XL*, the Norwegians and the Russians. Just one mistake would change the placing dramatically. During the bad weather a video of *Space Center FX* doing the 'Burner' dive, (featured in August *Sport Parachutist*, sent in by Dave Tyler) was judged on Omnikore and they got a clean 58! It looked like these guys might clinch the gold!

In the end there was a jump-off for first place with *Space Center FX* then beating the French by 2 points, with a 20 point average. Something for *Airspeed* to think about at the US Nationals? Third place was battled over and the Norwegian team, *DeLand Norgies*, did some excellent skydives to take this medal with an 18 average. The Russians came fourth and *Sebastian XL* gave a commendable performance in fifth position, raising their Nationals average to 17.2.



pulse by Fritz Pfnur

Rob Stevenson



Ian Cashman

World Cup of FS (4 and 8-way), Freestyle and Skysurf

8-way

The 8-way had an interesting start. The *Golden Knights*, heavily favoured to run away with this event, came out of the gates looking jet-lagged and posted an 18 in round one. Both the French and the Russians matched them, resulting in a three-way tie after one round. All this and *Airspeed* were not even at the meet!

The Russians went into the final round just three points behind the *Golden Knights*. Knowing it was all or nothing they 'went for it' but suffered some busts giving the *Knights* a clear win by eleven points with a 21.9 average. The French came in third. *Boogie Performance* sponsored a scratch team consisting of names such as Mike Brooks, Solly Williams and Gary Smith. They came a clear fourth despite deciding to break off early, form a star and go head-down on the final round! The *British Army*, having teamed up with the Dutch, managed to get a good exit on the last round and wished that they had done some training. The Norwegian team, on the same plane as us, unfortunately declined our offer of doing a 16-way on the last round!

Skysurfing and Freestyle

The men's skysurfing started with *Arizona Pulse*, Oliver Furrer with Knut Kreckler on camera, in the lead on the free rounds but

Eric Fradet and Peter Raymon were not far behind. However the judging of the compulsory rounds gave Fradet the lead by 5.6 points giving him his first gold medal in skysurfing. *Pulse* came in second with the Russians getting a clear third. In the women's event there was no clear competition to Vivianne Wegrath who stormed into the lead from round 1, winning in style. The freestyle found some excellent performances with the French gaining gold, Omar Alhegelan giving a breathtaking display and getting silver for USA, whilst another American team came third.

This was the first FAI category world FS competition where a woman has won a gold medal! Congratulations to Dawn English of *Space Center FX*. It was also good to see Lise Aune of *DeLand Norgies* collect her bronze. At the same time Fin Molloy, ex Netheravon jumper, was there with *Space Center FX*, getting gold.

Overall it was an excellent competition despite some periods of bad weather. Everyone seemed to have a great time (except the hotel manager and local police one night!) and there was a good party on the Saturday night.

Alastair Macartney
Quicksilver British Army Team

FS 4-way			
		Total	Ave
1	USA - <i>Space Centre FX</i>	220	20.0
2	France - <i>Perris Mauberger</i>	218	19.8
3	Norway - <i>Deland Norgies</i>	180	18.0
4	Russia - <i>National</i>	177	17.7
5	UK - <i>Sebastian XL</i>	172	17.2
24	UK - <i>British Army</i>	81	10.1

Women's Category

An exciting aspect of the meet was the introduction of a woman's category in FS. No-one could speculate accurately on the outcome. It only took a few rounds to get everybody sitting upright in their chairs as we watched fantastic tussles for first place. I don't think anyone could have predicted such hotly contested competition for medal contention. It was enthralling till the very end.

The woman's category couldn't have been any closer halfway through the meet. The top three teams were locked on the same score. It was great, in my opinion, seeing a new competition within a competition. There's no doubt that the female teams

FS 8-way			
		Total	Ave
1	USA - <i>Golden Knights</i>	219	21.9
2	Russia	208	20.8
3	France - <i>Essonne</i>	181	18.1
4	Int'l - <i>Boogie Performance</i>	145	14.5
5	Australia - <i>XLR8</i>	118	11.8
6	USA - <i>Passion8</i>	98	10.9

representing their respective countries were going all out. With this kind of showing I expect this event will go from strength to strength. Well done not only to 4 *Pleasure*, Sweden, for pulling off the victory with an 11.5 average but also to all the female competitors for making this a new recognisable event. The silver female medal went to Australia (11.1 ave) and bronze to Russia (10.8 ave).

Another highlight of the meet was *Passion 8*. Not only from a skydiving perspective but also their presence at the event was a bonus for all. How many of us have unsuccessfully tried to achieve a 10 plus average in 8-way? This all girls team rocked.

Solly Williams

Judging

Judging at the Cup in my opinion seemed a little inconsistent at times. It is getting really tough to judge these days so I don't want to lay any blame on the judges. Teams are really moving fast and it's not always as clean as a judge would like to see. One issue that caught my mind was how often teams weren't given their last point which was shown clearly on the freeze frame. This happened to many different teams. I along with many other coaches and competitors were often completely surprised by this. Some teams were unlucky enough to have three points over ten rounds not given under these circumstances. That could mean the difference between winning and losing a medal these days.

Overall, I think the right teams went home with their correct medals. No one will dispute this. Meet organising was very well executed under tough weather conditions.

Solly Williams

Mens Skysurf

1	Int'l	Fradet/Raymond	805.60
2	Switz/G'many	Furrer/Kreckler	800.00
3	Russia	Rozov/Kniajer	748.00

Womens Skysurf

1	Switz	Wegrath/Heggli	704.00
2	USA	Garcia/O'Brien	595.30
3	G'many/Switz	Graile/Schimd	569.60

Mens Freestyle

1	France	Arnaud/Tzifkansky	761.30
2	USA	Alhegelan/Gasson	757.30
3	USA	Rimple/Heatherington	742.00

Womens Freestyle

1	Switz	Schwab/Dieck	654.00
2	Italy	Minardi/Fabbi	627.60
3	France	Celicout/Fletcher	575.60

4-way

Third place in 4-way saw an exciting battle between Sebastian XL, Russia and Deland Norgies with Sweden also close behind. By round number 8 it was a matter of one point. Round 9 proved to be the telling one as it was the fastest dive in the draw. Sebastian made a very costly error receiving a four point bust. It was ironic that two nights before at the FS committee meeting, skydivers were unanimous in agreeing that the 4 point penalty was too harsh for one error. It all gets quite technical when looking closer at this rule and fact of the matter is that it won't change before the next World Meet. *Airspeed* had this same scenario in Turkey last year. The way the meet finished ensures us of one thing at the World Meet next year. It's going to be tight all the way to the finish for any team that hopes to medal. I think the gap between second and third will also be reduced substantially.

Solly Williams
Coach/World Bronze medallist 1997

All I want for Christmas...

As the shopping days count down to Christmas, what do you buy for your skydiving friends? And what do you ask your Aunty to get you, to stop the Boxing Day Sweater and Socks Problem? We canvassed our advertisers to find out what's new and report here on our selection of the best pressies around...

Snuggly Wuggly!



For a practical stocking filler, try skydiver Melanie Munday's handmade fleece hats and neckwarmers to keep you 'roasty toasty' during the winter months. One size fits none (sorry, all), they suit both sexes and are available in assorted colours, including plain and patterned.

Tel: 01473 218 178 • **Contact:** Melanie Munday
Cost: Hats £5, Neckwarmers 36, both for £10

Skydiving Calendar

Patrick Passe and Wendy Smith have produced a skydiving calendar, *On Air*, with two stunning shots for each month. It is large format (12" x 17"), the photo captions are in English and French; the month and days in English, French, German, Italian and Spanish. The images include old favourites such as Rickster swooping a pond and brand new stuff like an underneath picture of Wendy docking head-down, World Freestyle Champion Omar Alhegelan playing with his skyball plus a great opening shot. Overall the images have been carefully chosen to give an idea of the whole range of activities within skydiving. As such the calendar would make a smashing present for a 'whuffo'! This present will provide a year's visual entertainment, AND the pictures can be used as posters the year after. Excellent value.



Available from: Rob Colpus, The Kit Store
Tel: 01622 890 967
Email: symbiosis.suits@btinternet.com
Website: <http://home.nordnet.fr/~paramag/AG/cal.html>
Cost: £12

Evolution 2,000

The latest development in the *Time-Out!!* series of audible altimeters, the Evolution 2,000 is the ultimate in audible technology. As well as providing warnings at pre-set altitudes, the unit automatically stores data about each jump - accurately, permanently and easily. This information (speed, descent rate, exit height, pull height, etc) can be downloaded and stored on PC or Mac as an electronic logbook. Away with pen and paper! A boon for the many jumpers tired of logging by hand. An abundance of functions are easily inputted through touch-sensitive buttons on the new, smaller *Time-Out!!*. The warning altitudes can be set by the user if desired, there is also a timer function for competition jumpers. This item is a must for all gadget-lovers!



Styles: Three model colours available
Available from: George Pilkington, Cool and Groovy
Tel: 01788 860 882 • **Email:** info@coolngroovy.com • **Cost** £225 (Interface £49.99)



Videos

For those wanting to investigate the exciting area of freefly, Pat Works' superb new video, *The art of vRW*, with its companion book will teach and inspire you. Breathtaking video and computer animation of sit-fly, head-down and other 3D flight will suit all levels, from the complete novice wishing to get started to the experienced freeflyer wanting to learn new moves.



Breakaway is a video dealing with malfunctions - what to do, what NOT to do and, most importantly, how to avoid malfunctions in the first place. It includes in-depth

discussions of different schools of thought on reserve drills and will make a caring present for any skydiver.

Available from: George Pilkington, Cool and Groovy
Tel: 01788 860 882 • **Email:** info@coolngroovy.com
Cost: Breakaway £17.50, The Art of vRW £39.99

Original Lizard Funky Clothes

For the more adventurous, the unique styling of Original Lizard's fleece hats make unusual presents for individuals with loads of character. They are all handmade from Polartec 200 performance fleece with 18 different styles to choose from. You've probably seen Original Lizard clothing on the DZ - characterised by whacky styles which bring out a smile on the coldest days.

Original Lizard's freefly trousers and suits are designed for the job at hand, made from medium weight polycotton to aid head-down flying by adding drag to the legs. There are 40 vibrant colours to choose from and custom designs are available. As used by top Arizona freeflyer Ron Noffz.



Available from: Ian Chapman (Chappy), Original Lizard
Tel: 01482 355 133 • **Email:** chappy@lizard.karoo.co.uk
Cost: Hats £14.24, Trousers from £60

PlayStation



Andy Ford

You have probably seen Mike Frost and Andy Ford in action as PlayStation skysurfing team, they have been featured in numerous TV programmes recently. The BPA has given PlayStation a grant towards expenses at the start of this year in return for positive publicity – I asked Mike to tell us about what had been achieved. . . .

In 1997 *Team PlayStation* achieved £6.3 million of PR for both the sport and our sponsors. This figure has already been exceeded in 1998. This year *Team PlayStation* has appeared numerous times on BBC, ITV, Channel 4, Channel 5, Sky, Pan USA news and other international satellite stations. I became an interviewer for Channel 5 at the Extreme Games and had big fun filming for ITV the other week. You may have seen the Ralph Lauren campaign – that has been massive. Lesley, you saw the BBC2 programme yourself and can comment first hand with your opinion (*I thought it was fantastic coverage, really positive, very exciting and inspirational – Ed*). I strongly believe in a 'win-win situation' where everyone benefits. We work with the television producers to give them the results they are looking for; in

return we get positive exposure for the sport and the sponsors.

Positive PR

Whilst getting feedback from our sponsors, PlayStation at the end of last year, they commented that I should focus on more terrestrial television, rather than international TV and magazines. This is exactly what has been done. The direct benefit to the British Parachute Association is that the tide is turning – no longer does the public hear of the tragedies, but rather the positive, fun aspects of skydiving. The sport has been good to us, we have both achieved so much and want to give something back. We are often ridiculed that we give far too much in return for the level of support. That might be so but we're having fun and doing so much – and that's what we're communicating.

Future Plans

So what's out there in the coming months? The half-hour ITV show, *Pirate TV* will air during December. A Channel 4 piece will also show during December. Sky is also producing a 15-20 minute expose on us and Channel 5 have plans. I am involved in Terminal Velocity, the wind tunnel simulator, and will be helping to launch it. How much positive PR will it attract? Well, the early signs are very favourable as interest is high. The best thing for the

sport is that it will complement existing training facilities and hopefully provisional membership will increase year by year – although retention of students is directly in the hands of the drop zones and the BPA.

Wedding News

The biggest news of all to tell is that I am getting married. I can't wait, I'm very lucky. A lot of people know Sally, she has stood by me for the last six years. Most girlfriends would have bailed out by now! Our honeymoon will be our first real holiday in all those years, rather than the odd day here and there, in-between training!

AGM

For the AGM I will be doing 'Mike Frost Presents' – a wider look at the sport, what's already been done and achieved, including the X-Games this year. I will look ahead for the coming year (providing we can afford it as we are seriously broke) and what's new – freefall simulators for example! The sport is moving in some exciting directions – what George is producing really impresses me – I hope he'll let me talk about it. What has Great Britain done for the world? The Television, *Time-Out!*, *Sebastian XL*, Adrian Nicholas, Terminal Velocity. We should be proud of what we have in our little country.

Mike Frost



Word Search

Find the following skydiving terms which can be horizontal, vertical or diagonal

- Adrenaline
- Altimeter
- Altitude
- Attitude
- Bunkhouse
- Canopy
- Clouds
- Drop Zone
- Formation
- Freefall
- Goggles
- Helmet
- Jumpmaster
- Records
- Reserve
- Slipstream
- Tandem
- Training
- Wind Chill
- Windsock

DINGBATS - Solve the pictorial clues to give skydiving phrases



----- / -----



----- / -- / -----



----- / -----



----- / -----

Illustrations by Chris Hollis

DOLLY SHEPHERD

90TH ANNIVERSARY OF THE FIRST MID-AIR RESCUE

On 8 June 1908, an historic first mid-air rescue took place above Ashby-de-la-Zouch in Leicestershire. There was to be a double descent by Dolly Shepherd, a well-known parachutist, and Louie May, a novice parachutist making her first drop. Both to ascend with the 'Mammoth', the largest balloon in the country at that time, and then operate a parachute release mechanism to descend. A sudden sharp shower of rain damaged the balloon which gradually deflated, engulfing the arena with its 108 cubic feet of gas! Panic ensued with a stampede to the other side of the grounds.



'The show must go on', so the organiser, Captain Gaudron, decided to use Dolly's small solo gas balloon (20,000cuft) adding an attachment for Louie. At 8pm the two girls took up their stance, feet astride the 'sling' (a 6" piece of webbing to help take the weight of the body, there being no harness!) and holding tightly to their respective bars attached to the parachutes

balloon rose up into the air with its unusually heavy load.

At 3,000ft Louie pulled her liberating cord, but nothing happened. She pulled again and again, but they continued to rise to over 11,000ft, by which time Dolly knew she would have to do something. There was only one thing to do, take Louie down on her (Dolly's) parachute.

As this was Louie's first descent, she was wearing a leather belt attached to her bar (the only so-called 'safety' precaution, which was never tested, and which caused more problems than it solved!) This belt had to be undone, both of them using one hand, whilst holding tightly to their own bars with the other. To accomplish the rescue, Louie had to transfer from her parachute on to Dolly's body with a two mile drop below! This she did mechanically, her deathly-white face, blue lips and staring eyes betraying her terror.

With Louie's legs round Dolly's waist and her arms round Dolly's neck, Dolly pulled the ripping cord. The two girls descended under a non steerable parachute intended for one at a

great rate, landing in a field – just missing an upturned scythe and six feet from a road. Louie was unhurt but Dolly suffered concussion of the pelvis and spinal paralysis. Thanks to a local Scottish doctor who gave Dolly a primitive form of 'electrical' treatment she took to the air again two months later.



stretched out in front of them. At the 'Let Go!' signal, the

In her 80's Dolly came into contact with modern parachutists. At the age of 90 she flew with the Red Devils when they gave a display over Worthing and she was the guest of the RAF Falcons in 1983 when they dropped into Eastbourne. She died in September 1983, just two months before her 97th birthday but her story lives on, spread by media, talks and her book *When the Chute Went Up*. The book is written by Dolly with co-author, her daughter, Molly Sedgwick.

Molly Sedgwick 01323 731027. Available for talks/lectures. Signed copies of **When the Chute Went Up** £8.95 + p&p. Stay tuned for news of Molly's forthcoming jump with the Red Devils to commemorate her mother's brave mid-air rescue.



**British
Parachute
Schools
Langar**

1999

**Langar
Boogie
3 – 11 July**

**We've booked a
Casa 212!**



100

12 – 16 July

**STILL THE BEST AFF DEAL IN
THE COUNTRY!**

Jumpsuit and Accessories included

Rejumps just £16 per slot

Consolidation jumps only £16

**Phone us for all
details and
prices**

**British Parachute Schools
Langar Airfield, Langar,
Nottingham NG13 9HY**

Tel/Fax: 01949 860878



ANTONOV AN-2 GIANT BIPLANE

Enjoy the great experience in 1998 with UK's most experienced AN-2 operators

Lifts 12 – free fall or static line

COMPETITIVE L410 TURBOLET CHARTER

LARGER AIRCRAFT ALSO AVAILABLE

AVIA SPECIAL LTD

Contact: James Black or Sue Jefferies
Tel 01707 262774 or Fax 01707 251405

We have a Cessna 182

*which can carry four
parachutists for hire*



THE RATES ARE £145 + VAT PER TACHO HOUR WITH PILOT

(we have a contact who is experienced in this work that we could put you in touch with) or £100 + VAT per tacho hour dry

Also Aerial Advertising from as little as £290 per hour (Banner construction from £60 extra). We operate throughout the UK seven days a week. Positioning charge where applicable

For details on Aerial Photography and surveys please contact:

**Sky Ads – Netherthorpe Airfield, Thorpe Salvin, Worksop
Tel: 01909 482981 • Fax 01909 482981 • Mobile 0589 883906**

**Manifestor
Required**

Full time from 1st March 1999

for busy, busy centre operating
Islander midweek and who knows
what weekends in 1999?

**Instructor
Required**

Full time from 1st March 1999

Must be 5/Line and Vector Tandem
Rated

Call 01725 513330

**AFF Franchise
Available**

Want to run your own AFF School?

Call Martin on 01725 513330 to
discuss possible 'deals'.

We can supply lots of students, gear,
aircraft etc.

So if you can run a full time AFF
operation – call now.





WE ARE NOW TAKING BOOKINGS FOR SKYDIVING VACATIONS IN FLORIDA

Want to try the Exhilarating sport of skydiving?
Then look no further

FREEFALL ADVENTURES, FLORIDA

are offering skydiving vacations in Sebastian, Florida

For more information contact: **Mick Hall**

Telephone: (561) 388 5925 Fax: (561) 388 1832

Email: SkydiveMik aol.com

You can also visit our website <http://www.ffadventures.com>

TANDEM SKYDIVES:

Let us arrange a Tandem jump for you or your friends

COACHING/TRAINING PROGRAMMES:

Other training programmes on offer to you are Skydive University: FS1 progression: W.A.R.P. and One-on-One Coaching.

WHY CHOOSE US?

For our professional, personalised training programmes. Our highly qualified and experienced instructors, State of the Art Equipment. Competitive pricing. Our knowledge of UK & European drop zones to assist on your return. A great vacation for all the family, with a guaranteed sun tan!

AFF COURSES:

Come and join us in the sun for your AFF Course (usually completed within 3-4 days).
Total cost \$1175.00.



We are a group of dedicated skydiving instructors who want to offer our clients friendly, personalised training programmes. Our aim is to introduce you to the sport in a safe, professional environment where you'll never feel left out, or lost in the crowd. Our courses are designed to fit in with your schedule, so if you want to take a few days off to see the attractions, we can accommodate this into your training.



Incident and Confidential Reports



HIGH DIVE!

The first jump student did very well throughout training and on the way up to altitude commented to the instructor that it didn't look high at all 'compared to the 10 metre diving board'. On exit he climbed out correctly and launched into a perfect (and stable) swan dive: feet together, toes pointed, arms well back and chest out. As this position is designed to do, it sent him smoothly head-down and, had any water been there, he would have entered it with hardly a ripple. As it was, he continued to rotate and one foot went through a deploying line group causing a rotating malfunction. He carried out reserve drills, the main released cleanly and he landed under his reserve without further incident.

Comment: A good example of regression -where people revert to old trained responses in a stressful situation. It transpired this jumper was an experienced competitive high diver. There was no sign of this in training but, under the stress of the actual jump, trained reflexes took over. As covered previously, it is extremely hard to override this sort of response.

ON THE PULL

At 4,500ft the experienced freefaller noticed his reserve ripcord handle flapping around in front of him. He pulled it immediately and landed normally under his reserve canopy.

Comment: What would you have done?

SLOW ONES TWIST TOO

(Includes material from Confidential Reporting programme)

There is another spate of cutaways due to line twists being wound in faster than the jumper can get them out. Three deserve a special mention. One was under a Maverick main which was comfortably big for the jumper. Another was under a round student freefall canopy. Another incident happened after an elliptical had opened successfully and been checked. The very experienced jumper accidentally released only one brake and, in the moments it took to correct, the canopy was already winding up irretrievably - enter reserve drills.

Comment: Hopefully we all now know the seriousness of twists on a heavily loaded elliptical. And are aware that potential twist problems are

not just at opening time either. But a Maverick doesn't come into this category and nor does a round. Nobody can afford to be complacent about twists any more. And the problem must inevitably get worse as we continue to seek higher performance; you don't get out for now!

CAN'T SEE?

The canopy deployed and started to rotate. The lines and risers were twisted forcing the jumper's head down in front of him. He could not look up to see what was going on and therefore cut away and deployed his reserve safely.

Comment: Good decision. If you can't check your canopy, the only sensible decision is to assume it is unsafe.

FREELY PROBLEMS

The freeflying jumper went flat for deployment and an arm of his suit immediately inflated, throwing him on his back and putting his head through the deploying lines. His neck has line burns but the reserve deployment was successful and

Confidential Reporting
If you have any safety related occurrences you would like to report IN COMPLETE CONFIDENCE, write to:
Confidential Report,
Allan Hewitt,
Sky Science
Unit 1, The RBL Enterprise Units
Ordnance Road
Tidworth, Hants SP9 7QD
Tel: 01980 844130
Fax: 01980 844131
E-mail: 100770.402@compuserve.com

he landed without further injury. Another jumper 'fell off' a head-down position onto his back and the rig deployed prematurely at 7,000ft.

Comment: The growth in freely has been phenomenal and the new progression system, though better in many ways, means inexperienced freefallers can be doing it. Yet the equipment we use was not designed for freeflying. Great attention to potential problems with equipment and clothing is needed - don't get complacent!

Chris Jones

cjones@new-coll-cf.ac.uk

Reserve Not Required!

There is a steady trickle of reports where students have checked the canopy too quickly, whilst it was still deploying, decided it was a malfunction and gone straight into unnecessary reserve drills. There is no obvious linking factor but it would be

interesting to know about the safety counts. I would therefore request that those reporting such incidents mention what safety count the students were trained to do on exit. If anything comes out of this, I'll let you know in due course.

A Great *Bite* with a Perfect Grip

The JACK Safety Knife is there to help you in case of entanglement or other unplanned situations.

- Used by NATO since 1983
- Dayglo yellow or black colour
- Fast, good grip

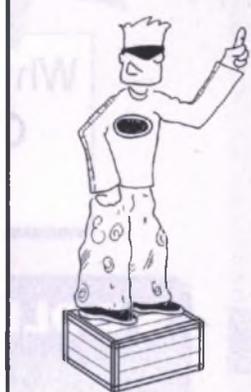
- No search for fingerholes
- One hand operation
- Length increases your reach
- Twin opposing blades cut better
- Extra blade set inside knife
- The real safety knife



Hanson Safety HB Box 108, 236 23
Höllviken, Sweden

Made in Sweden

On the Soapbox No Fear



I really can't stand *No Fear* T-Shirts, stickers, etc, now so popular with all adrenalin sports people. Fear is what keeps us alive. If you have 'No Fear' of hitting the ground then as far as I'm concerned you shouldn't be skydiving!

Just like King Canute we should be aware that the forces of nature (such as gravity and wind) are all powerful and cannot be reckoned with. If you leave an aircraft and don't put some nylon over your head before impact, you will die. We have seen a spate of skydiving deaths this year, such as Patrick de Gayardon, Sandy Wambach and Jerry Loftis, all of which indicate a certain lack of respect.

No Fear = No Respect = No Brains !!!

So, next time you're wearing that *No Fear* gear, remember to have a little respect.

Lesley Gale

AIRWAVES

SKYDIVING COURSES + PARA GEAR SALES

Skydiving Courses in France & Florida

SEBASTIAN

Sebastian '99

Join Airwaves this winter in the Florida sun at one of the most scenic drop zones in the world.

Two Twin Otters, shaded packing area, bar, restaurant, DZ/TV, camp ground, RV hookups and gym.

Wind Tunnel

Having trouble with AFF? Then spend valuable freefall time and money in a wind tunnel (USA only) ironing out these problems

ALL STATIC LINE/ PROGRESSION STUDENTS:

Having problems progressing, bad weather etc, then convert to AFF with 'AIRWAVES' - AFF is cheaper than you think!

**WE TAKE MORE STUDENTS
ABROAD THAN ANYONE ELSE!**

'AIRWAVES' Courses means 18 years experience, continuity with instructors, BPA Associated, BPA instructors which means a British Licence with support and continuation training on your return to the UK at our own or approved centres.

We welcome all students wishing to complete their AFF from any AFF School

Why waste time and money in the UK? Come and have 'Fun in the sun' - you know it makes sense!

\$ DOLLAR/AMERICAN GEAR SALES

Going to the States?

Save £££'s by ordering your new equipment and suits through us and we will have them waiting for you when you arrive.

We are now a direct American gear dealer which means competitive American dealer prices. Purchasing through us but bought Stateside.

AFF Florida £780 (8-jumps) AFF France £850
AFF UK £1250, Raps France/UK £170 (extra jumps £28)

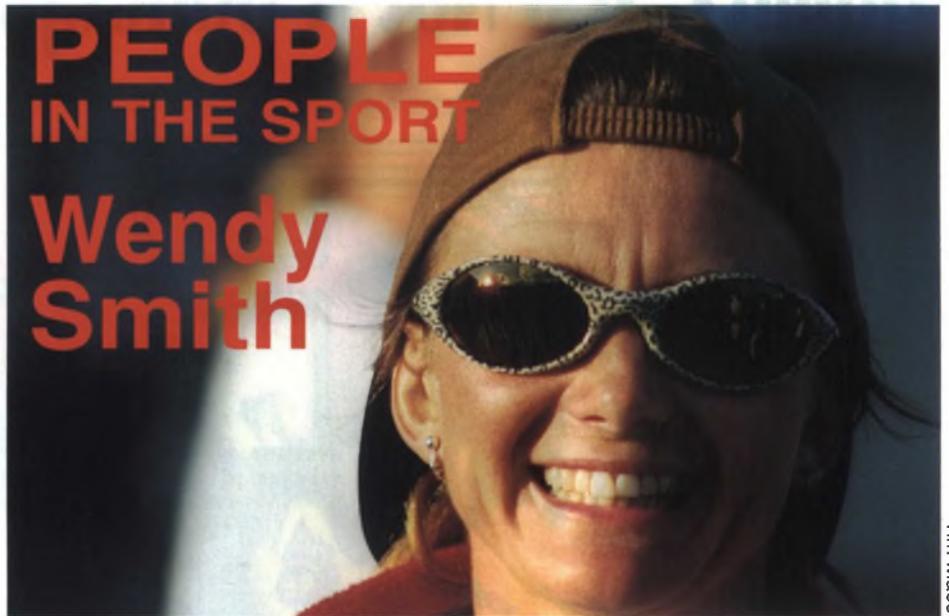
For more details contact **AIRWAVES** on
Tel/Fax 01322 557375 · Mobile 0802 472566

Email src13xxi@airwaves.source.co.uk
Web site <http://www.visexp.com/airwaves/index.htm>

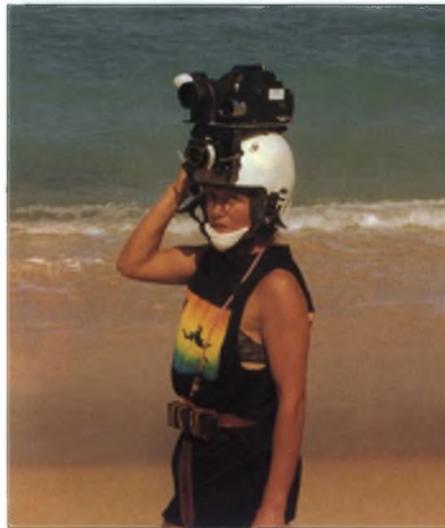
Wendy is possibly the most well known female skydiver in the world, thanks mainly to her beautiful photographs recording famous skydiving events. You will have seen many of Wendy's shots in *Sport Parachutist* over the years.

Wendy started jumping in 1983 in Waipukurau, New Zealand using front and back kit, unfortunately breaking both ankles on her tenth jump. She then had to wait six months before jumping again. She travelled to England in 1985, got a job in London but promptly gave it up to work on a drop zone (Cranfield) and fall in love. There she started with a camera soon after reaching 200 jumps.

She now has 7,500 jumps after 13 years in the sport. Wendy participated in the World Record 150-way formation, then filmed and photographed subsequent World Records and Largest Formations: 200, 216 and 297-way. She was the stunt skydiver used in the Bodyform and Sony adverts. Wendy was part of the world's first triple tandem skydive (in the UK with Geoff Woods and Sian Thompson). Then the world's first dual skysurf tandem (with Patrick de Gayardon, 1994 over Moorea, Tahiti). She participated in the Olympic Displays for the Brittany Ferries team in Spain, 1994, also the LIMA Maritime and Aerospace International Skydiving display team in Malaysia in 1994.



Tim Mace



Wendy's first camera helmet - 16mm video and stills

In the same year she won a bronze medal for women's skysurfing in Eloy Arizona and in 1995-6 won silver and bronze medals for freeflying in the Extreme Pro Tour. She participated in the New Zealand 5 FS team at the 1995 World Championships and won a 1996 Sports Emmy Award by the National Academy of Television and Arts and Sciences.

Her camera footage has been seen in Patrick Passe's movies *Travelling 3* and *Antigravity*, also in Pioneer Productions' *Extreme Machine* for the Discovery learning channel, *Blue Sky*, Sweden, *Picture Impossible*, Russia, the World Games, Finland, Transworld Sport, MTV, Eurosport, *Who Dares Wins* and Ricoh Cameras UK, plus many more. She is based in Gap, France but spends more time travelling around the world filming prestigious skydiving events than 'at home'.

Wendy loves flying and has her New Zealand and British PPL, night rating and jump pilot rating. She did two and a half years Aircraft Engineering in England.



Wendy docks onto Rob Harris over Hawaii



Wendy Smith

Patrick Passe

Quality, It's Not A Concept, Its A Reflex

OFFICIAL SUPPLIER
PIA
PRO TOUR

MEMBER
PIA
Parachute Industry Association

REFLEX™ Features

Main Container

- Fully lined container
- Tuck-tab riser covers
- Unique "Sharks fin" main closure tongue
- Stainless Steel Mini 3-Rings (Optional)
- Main Deployment options:
 - Integrated BOC pocket,
 - TOP Leg strap
 - Pull-out
- 28" ZP pilot chute
 - Standard, Kill-line or Bungee
- Hockey Handle
- Custom Colors
- Main deployment bag
- Riser types
 - 1¾" Regular risers
 - 1" Regular risers
 - 1" Integrity riser
- Weight pockets (Optional)

Reserve Container

- Stainless steel ripcord handle
- 30" ZP Primary pilot chute
- Fully lined container
- Pack tray riser covers
- Reserve toggles
- Stainless steel ripcord assy.
- Approved under TSO C23d
- Single pin closure
- External pilot chute
- Molar style freebag
- Cypres Ready
- CATAPULT® equipped
- Rigger Friendly
- RSL is standard

Harness

- Articulated or Standard
- Mini or Large rings
- Thread thru or B12
- Cutaway handle
- Deluxe leg pads
 - Standard or Narrow

Fliteline Systems, REFLEX and CATAPULT are all registered trademarks of Fliteline Systems, Inc.

30" ZP Primary Pilot Chute
 GUTTERLESS LATCHES
 AND TENSION STRINGS

CATAPULT™
 SCISSOR EXTRACTOR SYSTEM

Fliteline Systems
 INC. I
 570 Central Avenue, Suite I-1
 Lake Elsinore, CA 92530-2741

You have the Training, You have experience and now all you need is **REFLEX™** the modern, state of the art parachute harness/container system employing an advanced reserve deployment technology called **CATAPULT®**. This system significantly increases the effectiveness of the reserve deployment in the event of a "horseshoe" type malfunction involving the primary reserve pilot chute.

For more information about about the Reflex Harness/Container system, contact your nearest Reflex dealer or Fliteline Systems direct.

4-6 Week Delivery!



Patrick Passe

Wendy skysurfing in tandem with Patrick de Gayardon (Deug)

☞ What have you been doing and where this year?

I started the year in New Zealand, *Freefly Kiwi School of Bodyflight* camps and coaching, then Eloy, Arizona, for 'Rendezvous in Eloy', a European group of skydivers organised by Patrick Passe for a week's full-on formation skydiving. Then Hawaii for three weeks to do the shooting with Patrick, Deug and Adrian for the new movie Patrick and I are working on. Skysurf tandem and freefly stuff, me on the board with Deug. (Patrick's accident happened after the first week there.) Back in Eloy, Arizona, taking photos, then New Zealand to make a tourism promo and back to France to change my bags for the *Free for All PD* tour in Berlin, Germany – freefly coach and camera. Via Amsterdam to the second *Free for All PD* Tour in Texel, Holland, again freefly camera. One day off and we flew to San Deigo for the Extreme Games, this year judging the skysurf event and some freefly demonstrations. Back to France for Deug's weekend funeral service at Tallard. Then Soulac sur Mer for photos and editing for three weeks. The Vichy Boogie in France – cameraflyer. Lapalisse for a freefly week with Olav Zipser, camera/photo here. Switzerland for the Mid-summer Boogie doing video/photos. I spent my first time jumping back in England at Weston on the Green for the third PD *Free for All* Tour, doing the freefly thing, and what an excellent organisation, it was a lot of fun (thank you to Eddy and Nigel). Spain, Empuriabrava for the first

World Cup of 16-way formation skydiving, reportage and photo coverage for all teams. Then USA for a month filming for the new movie. By the time your Mag comes out I will be in New Zealand for the Freefly Kiwi Festival until 6 Dec 1998.

Phew! Do you ever get tired of travelling and yearn for a normal life?

What's normal? I do miss not having Zac the dog from NZ with me.

What is your biggest asset?

Being small!

What is your greatest skydiving memory?

One cannot forget filming the 300-way attempts in Anapa, Russia, from below the formation. As everyone was tracking off I was 'spiralling up' under the formation, to be the last parachute opening – with my Cypres on! The base always made space! The visuals were fantastic.

What about the best memory without your camera helmet on?

It has to be the tandem skysurf with Patrick de Gayardon. After Eric broke his foot in the training jumps, Deug thought I would be a funny replacement. The first jumps we made were three cutaways and the visuals were stunning high above the Pacific Ocean.

Tell me about the Sony Wedding commercial

The advert is for the famous PC7 video camera, the shooting was done in New Zealand over the South Island, with ☞



Wendy as a bride for the Sony PC7 Wedding Commercial



Wendy Smith

Wendy's versatility is amazing – here she flies a Fury at the top of a tight stack for the Brittany Ferries Olympic displays in Spain, 1994



Franck Bernachot. **Yes.**

Style World

Recordman. **Yes.**

Style World

Champion. **Yes.**

Atom «**Axis**»
harness container
by P.d.F. **Yes.**

First class equipment. **Yes.**

Reserved rights



2, Rue Denis Papin • Jouy le Moutier • 95031 Cergy Pontoise Cedex • France

Tél : (33) 01 34 32 77 77 • Fax : (33) 01 34 32 73 17

E-Mail 106112.164@compuserve.com • Web site: www.Parachutes-de-France.com



 Patrick Passe and myself. We used a variety of aircraft – a helicopter, a DC3 and a Cessna 180! The inside of the DC3 was fitted out like a church, flying with us in formation. The professional actor was a non-jumper kitted out as a vicar and fastened into the 'plane with a tandem harness on just enough line to look out of the door. We had a safety officer with us who was wearing a tandem rig ready to rescue the vicar in case of any aircraft emergency! I was done up as the bride complete with wonderful wedding dress, sunnies, long trailing head veil, stockings, garter, stiletto heels and holding the Sony PC7 during each skydive. It was the long false nails that I was worried about! Patrick was the handsome groom in full attire including tails and bridal flower spray. We did six jumps, and some subjective shoots, from the DC3 and the Cessna 180 with the helicopter flying formation for exit shots. We also did a full day of shooting in a studio with a replica of the 'church' inside the DC3. We were all delighted with the commercial produced.

You were one of the first people to freefly, why did it appeal to you?

It felt like a whole lot of fun without having to wear a uniform.

How do you do most of your filming: sit flying, head-down or traditional?

Well, if you want to film everything happening you have to be able to fly with it and with cameras at the same time, so you need to use them all. Then you can inter-change positions for creative shots. Sometimes its good to remember that the subject deserves 100% of your undivided attention – like in competition you must be disciplined with your flying.

You are a real all-rounder. What makes you want to do everything the way you do?

To be able to give something back to the sport in the way of images and to always keep on learning by trying new things.

What is your idea of bliss?

Going fast, wind in the face!

Do you prefer jumping with or without your camera?

I find a lot of pleasure giving the images of

the camera to people, from a first jump tandem to the 300-way attempts. I love to show our sport to everyone. Jumping without a camera; it's as if someone gave me a magic ticket to play with.

What's the secret of taking such superb shots?

Full concentration.

What have you learnt from Patrick (Passe)?

How to be patient.

What do you do when you go home to New Zealand?

Skydive!!! I have a drop zone with my Brother and Mom, The Great Lake Skydiving Centre at Lake Taupo, one of the most beautiful places I've jumped. Since founding The Freefly Kiwi School of Bodyflight here a year ago, I host our events like Freefly Kiwi Festival every November, freefly camps, coaching and generally bring home all I can to the New Zealand skydivers. We have excellent staff, they are all great freeflyers and a growing mania of skydivers from Australia and NZ jumping here.

The 1999 Freefly Kiwi Festival is right after the World Meet in Australia, and we look forward to showing more friends the beautiful volcanic plateau, hot natural thermal pools, skydive visuals above Lake Taupo and much more about the New Zealand way!

You can E-mail: kiwifrogs@aol.com and I'll tell you the best way to get there. I'm usually at the Great Lake Skydive Centre November through to April (summer), the centre is open all year. Phone/Fax 00 64 7 378 4662.

What is your greatest fear?

Running out of Vegemite.

Do you have a motto?

Keep doing it while you can!

This year you are producing a calendar for the first time?

Yep! All the pictures are from Patrick and myself. Each month presents two pictures, one big and one small, which relate to each other in a short story. We thought that was more imaginative than just using one. The format is roughlyly A3 and the

paper and print quality are the best on offer. The concept is to make something beautiful which will last for years – even after '99 has come and gone, the pictures will be such good quality they can be kept on their own. We take so many lovely photographs which are stored away in the passages of time, the calendar means they can be enjoyed for so much longer.

What shots are being used – any of my favourites?

Well, there's Rickster Powell's longest swoop (SP cover, June '96). An exit shot of 4 Mi-26 Helicopters showing frozen trails and skydivers diving, which links with a formation shot of the 297 – still the largest formation ever built. There's freeflying stuff with Omar Alhegelan playing with his skyball, also flying head-down and in a 10-way star, Adrian Nicholas flying around Deug and myself on the tandem skysurf in Hawaii and a great shot of a girl docking head-down on the helmet of another freeflyer.

I think my favourite shot is on what I call the romantic page. It's got a sunset 30-way which is a 6-way star in the middle of a 24-way star; the other shot is the DC3 they used for that jump after it has landed. There is an amazing light effect coming from the sunset through the window. You'll have to see the rest.

How can people get hold of the calendar?

Rob Colpus is our UK dealer, you can get him at the Kit Store.

Or check out the calendar on our web page:

<http://home.nordnet.fr/~paramag/AG/cal.html>

Who do you admire?

People who can share their knowledge.

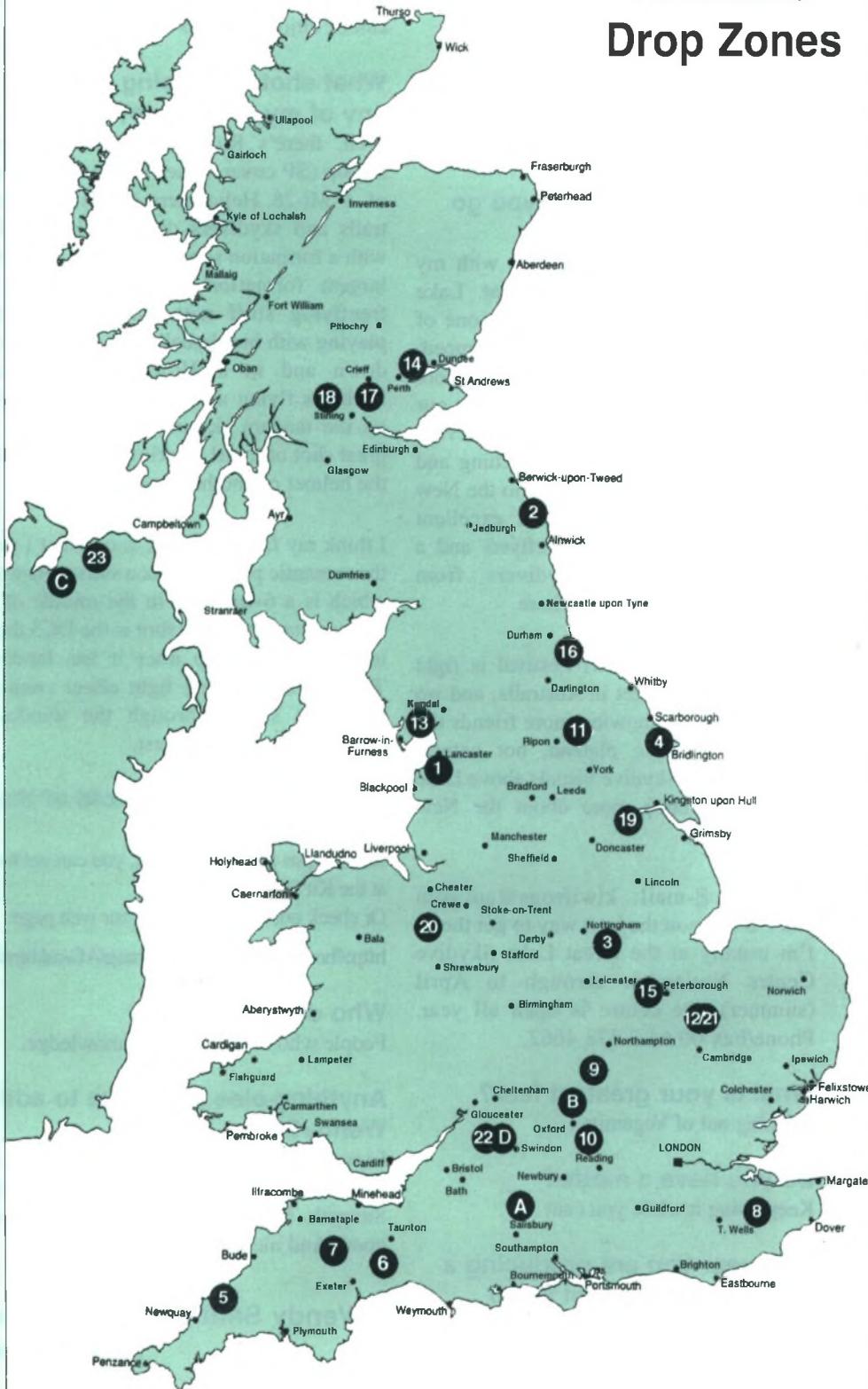
Anything else you'd like to add Wendy?

I love my Javelin and my Stiletto 97, so a big thanks to Performance Designs and Sunpath for keeping my gear looking good. And me safe.

Wendy Smith was talking to Lesley Gale

To contact Wendy or for any information, E-mail: kiwifrogs@aol.com

BPA Affiliated Drop Zones



Numbers 1 - 24 refer to **Civilian BPA Affiliated** drop zones (listed to the right)

Letters A - E refer to **Military BPA Affiliated** drop zones (listed overleaf)

All **Affiliated** centres in the UK are run under the BPA Operations Manual

KEY TO SYMBOLS

Coaching Available

- LO** - load organisers
- FS** - formation skydiving
- CF** - canopy formation
- FF** - freeflying
- AC** - accuracy
- WP** - WARP
- SU** - Skydive U

Facilities on the Drop Zone

- rigging facilities
- video room
- parachute equipment shop
- canteen
- evening restaurant
- bar
- bunkhouse
- camping welcome
- caravans welcome
- showers

1 BLACK KNIGHTS PARACHUTE CENTRE

Patty's Farm, Hilliam Lane,
Cockerham, Nr Lancaster
Tel: W/end 01524 791820 or 0151 924 5560
www.geocities.com/pipeline/dropzone/5352

Open: Weekends, bank holidays 8am - 8pm
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander, Cessna 182

LO FS CF AC WP

2 BORDER PARACHUTE CENTRE

Brunton Airfield, Chathill,
Northumberland NE67 5ER
Tel: 01665 589000 Fax: 01665 721053

B&B, camping, bars locally. Beach jumps and barbecues
in summer. Scenic views!

Open: Fri pm, wkdays 9am - dark, wkdays by arrangement
First Jump Courses: squares, AFF, tandem
Aircraft: Cessna 207 & 206, Islander on call

FS AC WP

3 BRITISH PARACHUTE SCHOOLS

The Control Tower, Langar Airfield,
Langar, Nottingham NG13 9HY
Tel/Fax: 01949 860878
E-mail: bpslangar@aol.com

Friendly helpful staff. We are here to help you skydive.
Turbines go to 13,000 ft!

Open: Every day 9am to 8pm (or sunset), 10am start Sunday
First Jump Courses: squares, AFF, tandem
Aircraft: Porter, Islander & Cessna 206, Turbolet (summer)

LO FS FF WP

4 BRITISH SKYSPORTS, BRIDLINGTON

East Leys Farm, Grindale, Bridlington,
East Yorkshire YO16 4YB
Tel: 01262 677367 / 0836 276188
Fax: 01262 401871

Small friendly club atmosphere. Visitors and spectators
welcome.

Open: Every day 8am - 8pm
First Jump Courses: squares, AFF, tandem
Aircraft: Cessna 206, Islander

LO FS CF AC WP

5 CORNWALL PARACHUTE CLUB

Frans Ranch, Old Naval Airfield,
St Merryn, Cornwall
Tel: 01841 540691

Open: Weekend 8am - dark, Wed & Fri (summer)
First Jump Courses: squares, tandem
Aircraft: Cessna 182

FS WP SU

6 DEVON & SOMERSET PARACHUTE SCHOOL

30 Tower Way, Highfield,
Dunkeswell, Nr Honiton, Devon
Tel: 01404 891690 Mobile: 0850 032767
E-mail: AGUEST1@compuserve.com

Local accommodation available

Open: 9am - dark, Wkends, midweek by arrangement
First Jump Courses: squares, AFF, tandem
Aircraft: Cessna 206

FS CF WP SU

7 EAGLESCOTT SKYDIVING CENTRE

Salisbury, Wilts, SP4 9UY
Drop Zone: Umberleigh, Devon
Tel: 01769 520552 Mob: 07887 532490
www.bluechilli.co.uk/eaglescott

Small friendly club with emphasis on safety, fun and
progression in the sport through quality skydiving.
Beginners through to experienced welcomed.

Open: Weekends 9am - 9pm, midweek by arrangement
First Jump Courses: squares, AFF, tandem
Aircraft: Cessna 206, Islander

FS CF FF AC WP SU

8 HEADCORN PARACHUTE CENTRE

Headcorn Aerodrome,
Headcorn, Kent TN27 9HX
Tel: 01622 890862 Fax: 01622 890641

Progression weeks, competitions, organised jollies.
Open: Every day 9am - dark

First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander, Porter

AC WP

9 HINTON SKYDIVING CENTRE

Hinton Airfield, Steane,
Brackley, Northants NN13 5NS
Tel: 01295 812300 Fax: 01295 812400
E-mail: info@skydive.co.uk
www.skydive.co.uk

Small but friendly DZ with the emphasis placed on fun.
Low membership fee.

Open: 10am - 7pm Tues - Fri, 8am - late Sat and Sun
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Cessna 206 (larger aircraft for summer)

WP

10 LONDON PARACHUTE SCHOOL

The Cottage, Old Ruislip Road
Northolt, Middlesex UB5 6QD
Drop Zone located off Junction 6 of M40
Tel: 0181 357 1568

Small but friendly club. Catering for complete beginners
to experienced skydivers.

Open: Weekends 8am - dark
First Jump Courses: rounds, squares, tandem
Aircraft: Islander, Cessna 206

WP

11 MERLIN PARACHUTE CENTRE

Alanbrooke Barracks, Topcliffe,
Near Thirsk, North Yorkshire
Tel: Weekdays 01204 456194
Weekend 01845 578971

Friendly atmosphere, bring two passport photos for
camp pass. Camping, B&B close to airfield at local pub.

Open: Weekends and bank holidays 9am - dark
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander

FS CF AC

12 NORTH LONDON PARACHUTE CENTRE LTD

Chatteris Airfield, Manea
March Cambs PE15 0EA
Tel: 01354 740810 Office 01725 513330
Fax: 01725 510690
www.chatpara.com

Airfield is owned by the parachute centre. Large indoor
packing area. Unrestricted altitude. full planning
permission.

Open: Tues - Fri 10.30am - dark, Weekends 8am - dark
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander

LO FS CF WP

13 NORTH WEST PARACHUTE CENTRE

Cark Airfield, Flookburgh,
Nr Grange-over-Sands, Cumbria
Tel: Airfield 015395 58672/58555
Weekdays 01772 720848

In fabulous lakeland scenery, visitors welcome.

Open: Weekends and bank holidays
First Jump Courses: rounds, squares, tandem
Aircraft: Islander

LO FS CF AC WP

14 PARAGON SKYDIVING

Errol Airfield, Grange, Errol PH2 7TB
Tel: 01821 642454
Fax: 01821 642656

Reopened under new management Friendly, fun
centre with emphasis on safety.

Open: Wed - Sun
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Cessna 206

CF WP AC

15 PETERBOROUGH PARACHUTE CENTRE

Sibson Airfield, Wansford,
Peterborough PE8 6NE
Tel: 01832 280490 Fax: 01832 280409
Birdland Bar: 01832 280404

PPC boasts 27 years of experience in running a safe,
fun drop zone. Skydive Sibson!

Open: 8am - 8pm, Tue - Sun(summer), Wed - Sun(winter)
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander, Cessna 206, Turbolet (summer)

LO FS FF WP

16 PETERLEE PARACHUTE CENTRE

The Airfield, Shotton Colliery,
Peterlee, Co Durham DH6 2NF
Tel: 0191 517 1234
Tel/Fax: 0191 386 5261

E-mail: peterlee@skydiveacademy.co.uk
www.skydiveacademy.co.uk
AFF, tandem and video available through Skydive
Academy Ltd. B&B locally from £12.50.
Open: Every day 8.30am - 8.30 pm (tel. Mon, Tue, Thur)
First Jump Courses: squares, AFF, tandem
Aircraft: Cessna 182

FS CF WP

17 SKYDIVE STRATHALLAN

Strathallan Airfield,
Nr Auchterarder, Perthshire PH3 1LA
Tel: 07000 467593
Weekend 01764 662572

A club run by the members for the members with the
lowest possible costs.

Open: Fri 5pm - 9pm, weekends 9am - 9p
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander, 2 x Cessna 206

FS WP

18 STIRLING PARACHUTE CENTRE

Thornhill, Nr Stirling,
Scotland FK8 3QT
Tel: 01786 870788 Fax: 01786 870748
E-mail: parajump@aol.com

Open: Weekends 9.30am - 9pm, sometimes midweek
First Jump Courses: rounds
Aircraft: PA-32, Cherokee 6

LO FS CF WP

19 TARGET SKYSPORTS

Hibaldstow Airfield, Hibaldstow,
Brigg, North Lincolnshire
Tel: 0113 250 5600 or 01652 648837 DZ
Fax: 0113 250 5600
E-mail: helen@targetsky.demon.co.uk

Competitive jump prices, unrestricted altitude, friendly
atmosphere, everyone welcome.

Open: 9am - 9pm every day (summer), Wed - Sun (winter)
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: 2 x Dornier, Cessna 206

LO FS WP

20 THE PARACHUTE CENTRE

Tilstock Airfield, Whitchurch,
Shropshire SY13 2HA
Tel: 01948 841111 Fax: 01948 840638
E-mail: skydive@tilstock.demon.co.uk
www.tilstock.demon.co.uk

Friendly atmosphere, everybody is welcome. No
Sunday operation due to local planning restrictions.

Open: Sat 8am - dark, Fri 2pm - dark (summer)
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: 2 x Cessna 206

LO FS CF AC WP

21 UK PARACHUTING

Currently operating out of:
Chatteris Airfield, Manea
March Cambs PE15 0EA
Tel: 01354 740114 Fax: 01953 861031
Booking Office: 01953 861030
E-mail: ukps@keme.co.uk
www.keme.co.uk/~ukps/

Large indoor packing area. Unrestricted altitude, full
planning permission.

Open: Tues - Fri 10.30am - dark, Weekends 8am - dark
First Jump Courses: rounds, squares, AFF, tandem
Aircraft: Islander

LO FS CF WP

22 WEST WILTS PARACHUTE CLUB

Kemble Airfield,
 Cirencester, Gloucester GL7 6BA
Tel: 01285 770856

23 WILD GESE SKYDIVE CENTRE

Movenis Airfield, 116 Carrowreagh Road,
Garvagh, Coleraine,
Co Londonderry, N Ireland BT51 5LQ
Tel: 012665 58609 Fax: 012665 57050
E-mail: parachute@wildgeese.demon.co.uk
www.wildgeese.demon.co.uk

Open: Every day 8am - dark
First Jump Courses: rounds, squares, tandem
Aircraft: Cessna 206, Porter

CF WP

BPA ORGANISATIONS

AFFILIATED MILITARY DROP ZONES

A ARMY PARACHUTE ASSOCIATION

The Commandant, JSPC
Airfield Camp, Netheravon,
Salisbury, Wilts. SP4 9SF
Tel: Bulford Camp 01980 633371
Tel: ext Commandant 8245
Chief Instructor 8229 Staff 8277

B RAFSPA

& RAFSPA Hawks Parachute Team
JSPC (W) RAF Weston-on-the-Green, Nr Bicester, Oxon OX6 8TQ
Tel: 01869 343343/343201
Fax: 01869 343676

C SERVICES PARACHUTE CENTRE

Shackleton Barracks, BFPO 802.
Tel: 01504 721472
Fax: 01504 721342
Mobile: 0802 328755
E-mail: SPC NI@aol.com

D SILVER STARS PARACHUTE TEAM

Duke of Gloucester Barracks,
South Cerney,
Cirencester, Gloucester GL5 5RD
Tel: 01285 861344
01285 860551 x8259
www.skygod.u-net.com

FOREIGN MILITARY AFFILIATED DZ'S

CYPRUS COMBINED SERVICES PARACHUTE CENTRE (CCSPC)

Contact: Club CCI,
Dhekelia Garrison, BFPO 58, Cyprus
Tel: Office 00 357 4 744337
DZ 00 357 4 744245
Fax: 00 357 4 744180

HONG KONG PARACHUTE ASSOCIATION

c/o JSPC (HK),
Borneo Lines, Shek Kong, BFPO 1
Hong Kong,
CCI: Mr. Gary Lai
Tel: 00 852 2488 5447
Fax: 00 852 2488 9341
(Not operating at present)

RAPA JSPC(L)

(Rhine Army Parachute Association)
Flugplatz, 33175 Bad Lippspringe,
Germany, B F P O 16
Tel: 00 49 5254 98 2378 or 98 2740
Fax: 00 49 5254 98 2740
E-mail: 100550.2171@compuserve.com

ASSOCIATED ORGANISATIONS

The organisations listed below, when operating at a **BPA Affiliated Centre**, are run under the requirements of the **BPA operations manual**. The **BPA** takes no responsibility for training or advice given by those organisations when operating at **non Affiliated centres**.

AIRWAVES

43 Baldwyns Road,
Bexley, Kent DA5 2AB
Tel/Fax: 01322 557375
Mobile: 0802 472566
E-mail: src13xxi@airwaves.source.co.uk
Operated by Rod Bartholomew with 17 years experience BPA AFF, RAPS, tandem and FS instructor/coach rated. Offers professional/personal skydiving package holidays at the best Florida (Sebastian), French (Soulac + La Roche) and UK drop zones using highest quality equipment. RAPS progression and course conversions available at our French resorts. Individuals, groups and families welcome.

BRITISH COLLEGIATE PARACHUTE ASSOCIATION

c/o Paul Channin – Chairman, BCPA
72 Park Road
Liverpool L37 6AQ
Tel: 0956 395680
E-mail: paul.channin@kinesis.com
Affiliations: Bristol University, Exeter University, Lancaster University, Loughborough University, Newcastle University, Nottingham University, University College of St. Martin, University of East Anglia, University of Plymouth, University of Portsmouth, University of Sheffield, University of St. Andrews, University of Surrey, University of Sussex, University West of England, Warwick University.

COTSWOLD SKYDIVING CENTRE

Hangar SE15, Gloucester Airport,
Staverton, Gloucester GL51 5SR
Tel: 01452 616667
Mobile: 0468 887277
Static line, RAPS courses arranged. Come

train and jump in the Gloucestershire countryside. A smile and a warm welcome awaits you.

EAST COAST PARACHUTE CENTRE

8 Burns Crescent,
Chelmsford, Essex CM2 0TS
Tel: 01245 268772
Currently sharing facilities with the London Parachute School at Lewknor drop zone.

THE FREE-FALL COMPANY

Box 194, 17487 Empuriabrava, Spain
Tel: 00 34 1935 6202 or 00 34 7245 0111 (centre)
E-mail: freefalluk@aol.com
http://members.aol.com/freefalluk
Operated by Kevin McCarthy, National Champion with over 5,000 jumps and over 15 years experience. Probably the best AFF school in Europe. State of the art equipment and professional, personalised training gives you safe, rapid progression to Category 10 and beyond! Videos with all jumps. Courses available all year in the Costa Brava. Flexible payment to suit YOU!

MANCHESTER PARACHUTE SCHOOL

23 Heywood Gardens,
Prestwich, Manchester M25 1FW
Contact: Chris Miller
Tel: 0161 798 6895
Mobile: 0370 575621
E-mail: chris.miller@zetnet.co.uk
Based in Stockport, Manchester with 2,000 sq ft of full time, fully equipped premises for the teaching of RAPS courses (Ram Air Progression System). We also offer tandem jumps and AFF courses. Train weekdays or midweek evenings, jump at weekend. Presently running in conjunction with Target Skysports, Hibaldstow.

NATURAL BORN THRILLERS

10 Wetherby Gardens, Charlton,
Andover, Hants SP10 4DH
Contact: David Cassidy
Tel/Fax: 01264 335636
Mobile: 0410 907512
Operating at Netheravon every weekend, weekdays by arrangement. 20 minute skydiving courses a speciality! AFF, RAPS and progression by arrangement either at home or abroad. Easy payment terms available and significant discounts for group bookings. Video available for all tandem courses at a very modest rate.

PARACHUTE TRAINING SERVICES

11 Godwyn Close, Larkhill, Abingdon,
Oxon OX14 1BU
Contact: Doug Peacock
Tel: 01235 529570
The complete RAPS package. PTS offers one jump introductory courses with the option of progression training through to Cat 10. Operating at Netheravon in conjunction with the APA.

POPS UK

Hon Treas/Sec: Sue Hill
40 The Hamlet, St Annes, Lancs FY8 3LE
Tel: 01253 713841
Fax: 0151 448 1172
E-mail: pops@shew.clara.net
http://www.pops.org.uk
A society of skydivers over forty. Regular national and international meets at host parachute centres.

THE RED DEVILS

Airfield Camp, Netheravon,
Salisbury, Wiltshire SP4 9SF
Tel: 01980 678211 (Chief Instructor)
Tel: 01980 678212 (Students)
Tel: 01980 678203 (Rigging)
Fax: 01980 678349

SCOTTISH SPORT PARACHUTE ASSOCIATION

Anne Johnson (Secretary, SSPA),
Strathallan Airfield,
Auchterarder, Perthshire PH3 1BE
Dedicated to the promotion and development of parachuting in Scotland. Services provided include equipment grants (fan trainers, parachutes, aircraft, accuracy pits, etc), sponsorship of the Scottish National Championships and other competitions, provision of the only student progression, WARP, and CF training subsidy system in the world; riggers' and instructors' training grants and much much more.

SKYDIVE ACADEMY LTD

P O Box 192, Durham DH1 5WD
Contact: Ian Rosenvinge
Tel/Fax: 0191 386 5261
Mobile: 0860 156779
E-mail: jump@skydiveacademy.co.uk
www.skydiveacademy.co.uk
Run by Ian Rosenvinge (BPA Advanced/AFF/Tandem Examiner & USPA AFF JMI). Offers AFF, tandem, video and FS coaching at Peterlee Parachute Centre. AFF courses also run in Florida and Southern Europe, autumn through spring.

SKYDIVE INTERNATIONAL

45 Legge Crescent,
Aldershot, Hants GU11 3NT
Tel/Fax: 01252 331326
Mobile: 0850 007178
E-mail: 100722.2744@compuserve.com
Chris Allen, Ex Red Devil, CCI, BPA AFF/Tandem Examiner, USPA Safety and Training advisor and Skydive University UK coordinator. Offers AFF courses in America, Spain, Germany and the UK. Also available: team coaching, Skydive University one-on-one programme and tandem.

SKYDIVE UNLIMITED

618a Thorne Road, Netheravon,
Salisbury, Wilts SP4 9QG
Contact: Andy Parkin
Tel/Fax: 01980 670100
Mobile: 0468 037671
E-mail: jablquinto@aol.com
Professional, full time BPA AFF, static line and tandem instructor can offer AFF, static line courses and tandem skydives 7 days a week near Salisbury (75 miles from London). AFF courses in the UK, Spain, Florida and Germany (package includes flights, accommodation, car hire and BPA).

FOREIGN ASSOCIATED ORGANISATIONS

The organisations listed below do **not** operate in accordance with the requirements of the **BPA operations manual**. The **BPA** takes no responsibility for any training or advice given by those organisations.

CPCB

PO Box 194, 17487 Empuriabrava, Spain
Tel: 00 34 972 45 01 11
Fax: 00 34 972 45 07 49

E-mail: cpcb@gna.es
http://www.gna.es/dlleure/Paraca/cpcb.htm
Skydive Spain! AFF courses (1 tandem, 7 jumps with air-to-air video), tandem flights, freestyle school, K-Ramba freestyle school, Skydive U, free load organising, team coaching (special rates), gear hire (with Cyprus), 2 Pilatus Porters all year and other aircraft. All jumps from 12,500ft. Open all year – and now club house, tennis and pool!

LAPALISSE PARACHUTING CENTRE

Aerodrome F-03120 Lapalisse,
France
Tel: 00 33 4 7099 1803 Fax: 00 33 4 7099 2856
E-mail: info@Lapalisse-aero.com
www.Lapalisse-aero.com
Open March 15 to Nov 15. Facilities: packing hall, AFF, tandem, Shorts Skyvan, jumps from 14,000ft, creeping area, team rooms, videographers, gear hire, 25 bedrooms, free camping, restaurant, bar, pool, sauna, volleyball.

SKYDIVE CROSS KEYS

300 Dahlia Avenue, Williamstown, NJ
08094, USA
Tel: 001 609 629 7553 Fax: 609 629 7585
skydive@freefalladventures.com
www.freefalladventures.com
Home of future World Champions! All new in '97: full time Super Otter and Porter, a/c team rooms, new manifest, fully equipped gear store. Still 6,500sqft of carpeted, indoor packing. Team rates still available. Riggers, packers, videographers.

SKYDIVE CITY / Z-HILLS

40440 Chancey Road, Zephyrhills, FL
33540, USA
Tel: 001 813 783 9399 Fax: 813 782 0599
www.skydivecity.com
Visit Skydive City / Z-Hills – Florida's number one drop zone! Five Twin Otters this season, Sunshine Factory on site, rigging, covered packing, free camping, showers, food, bar, climbing wall. One stop skydiving!

SKYDIVE SEBASTIAN

400 W Airport Drive, Sebastian, FL
32958, USA
Tel: 00 1 561 388 5672 Fax: 561 388 2105
E-mail: skydiveseb@aol.com
SebastianXL: TobyStafford@compuserve.com
Offers BPA and USPA qualified training. Aircraft – Super Otter, Super Casa. AFF, tandem, home of Skydive U, freestyle coaching, team training from *Sebastian XL*. Equipped team rooms, gym, volleyball, bunk-house, camping, beach jumps, load organising, rigging service, accommodation arranged.

TRAIN IN SPAIN

Aerodromo Sierra Morena,
Carretera Bailen – Motril, 6km,
E-23710 Bailen (Jaen), Spain
Tel: 00 34 953 123 233 Fax: 00 34 953 125 231
E-mail: TrainIS@aol.com
Open 15 October – end April. Skydive in Spain this winter from Europe's fastest climbing Twin Otter, also Pilatus Porter. Team coaching, FS courses, one-on-one, AFF and tandem. Freeflyers welcome. Small shop and rigging. Cafe/ Tapas bar. Free team rooms, video debriefing. Large creeping platform. Cheap hotels.

Enjoy the end of the day

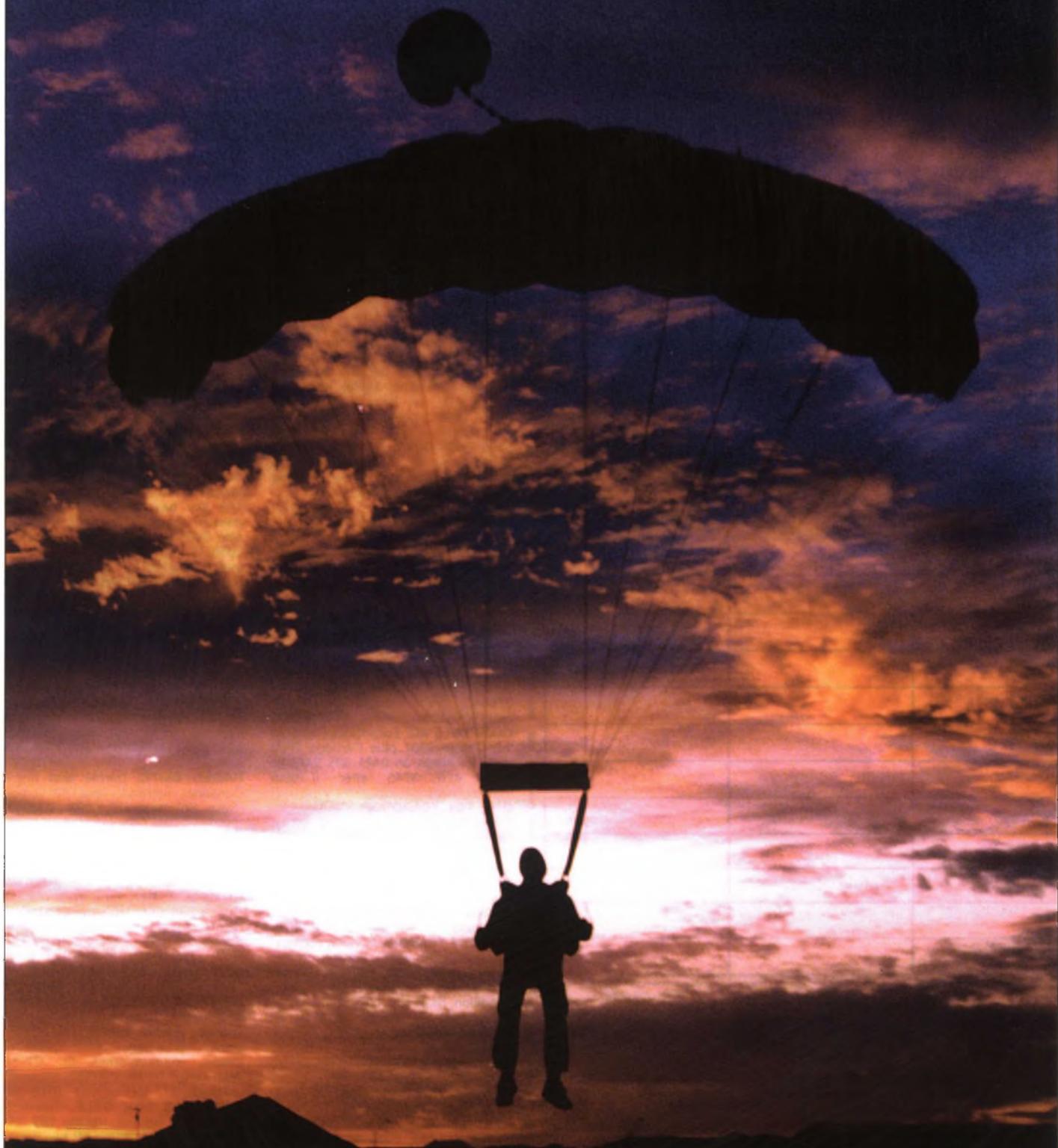


Photo: Andrej Weselow

AIRTEC

Mittelstrasse 69
D-33181 Wünnenberg

Tel. +49 2953 9899 0
Fax +49 2953 1293



TWO PIN TEARDROP, burgundy with grey trim, dive loops, BOC, new kill line pilot chute, Sabre 135, approx 350 jumps, yellow with white stabilisers, Phantom 24 round reserve, £800. Tel 01942 206537 after 7pm or 07801 351776 anytime (Leigh). (P12/034)
COMPLETE RIG. Javelin J2, black, Sabre 150 mainly blue, Raven reserve, expert Cypres, BOC. All vgc £2000. Also for sale Alti 2, Time-out, weight vest. Tel Jeremy on 01264 394669 (Hants). (P12/036)
NEW TIME-OUT!! EVOLUTION 2000. 5 year battery life, volume and pitch control, 11mmx36.5mmx64mm available now £225 at dealers or Cool & Groovy on +44(0)1788 860882 or Email info@coolgroovy.com (P12/040)

MISCELLANEOUS

ALTIMETER SERVICE CENTRE. Most makes repaired but not all. Please telephone first if not sure! Dodingtons Sport Instruments, 20 High Street, Whitchurch, Shropshire SY13 1AU. Telephone 01948 662179. (W12/001)
SMOKE GENERATORS for displays. DZ ground and free-fall smokes at low prices. Tel Joe Forster on 0115 9558 577 or Fax 0115 9558 576 anytime. A BPA member since 1967, pleased to be of service (Notts). (W12/004)
AIRCRAFT FOR SALE. C 182 Q with full jumper kit, max 4 jumpers, very quiet and fast, £45,000 no VAT. Tel 01572 757603 or Email nani@globalnet.co.uk (Oakham). (W12/031)

PARACHUTE PACKERS wanted for busy dropzone in Canada. Do you hold a packing certificate for Manta and Skymaster parachutes, and Pro Pack? Accommodation and food provided. Telephone 0973 752239 or 01443 686745 or Email Taffclarke@aol.com (Wales). (P12/033)

NOTE:
 We recommend that all readers purchasing parachute equipment (old and new) take advice from a BPA Instructor or Rigger.

ADVERTISERS INDEX

Airports Insurance	7	Para-Gear	16
Airtec	53	Parachutes de France	8
Airwaves	44	Performance Designs	35
Avia	41	Sky Ads	41
British Parachute Schools	41	Sky Science	6
C P C B	13	Skydive Safari Africa	12
Cool and Groovy	34	Skydive Sebastian	2/30
Exotic Sky Adventures	14	Skydive University	5
Flightline Systems	46	SunPath Products	IBC
Freefall Adventures	42	Symbiosis Suits	15
Hanson Safety	43	The Kit Store	13
North London PC	41	Thomas Sports Equipment	OBC

Notes for advertising

Contact Pagefast Ltd on 01524 841010 (fax 01524 841578), or write to Pagefast Ltd, 4-5 Lansil Way, Lancaster LA1 3QY for full advertising details.

PLEASE MAKE ALL CHEQUES PAYABLE TO PAGEFAST LTD

Deadlines for next issue
 For display ads 7 Jan, for classified ads 14 Jan.

Conditions of acceptance
 These are listed on the reverse of every advertising invoice, or are available from Pagefast Ltd. In addition the following supplementary conditions apply:

For classified advertising only:
 Every effort is made to comply with the advertiser's wishes, but Sport Parachutist reserves the right to alter copy if necessary.

For all advertising:
 In the event of advertisers failing to pay by the due date, Pagefast Ltd reserves the right to pass on any legal and other associated debt recovery costs.

Notes to Buyers and Sellers
 Attention is drawn to the Business Advertisement Disclosure Order 1977, which stipulates that trade advertisers must indicate that they are selling goods or services in the course of carrying on their business. It is the trader's responsibility to comply with this order and any trader not doing so runs the risk of prosecution. Traders, indicate your status when you send your copy and we will add 'T' to the end of the advertisement number accordingly.

SKYDIVING BASICS

The Raps Manual

by Doug Peacock and Andy Allman
 Obtainable from:

Parachute Training Services
 11 Godwyn Close
 Abingdon Oxon OX14 1BU
 Tel/Fax 01235 529570
Cash with order £7.20 inc. p&p
Cheques payable to PTS

FOR HOLIDAYS
HIGH
ON ADVENTURE
GET INSURANCE
COVER WITH
LOW
PREMIUMS




HARRISON
BEAUMONT
 (INSURANCE
 BROKERS) LTD

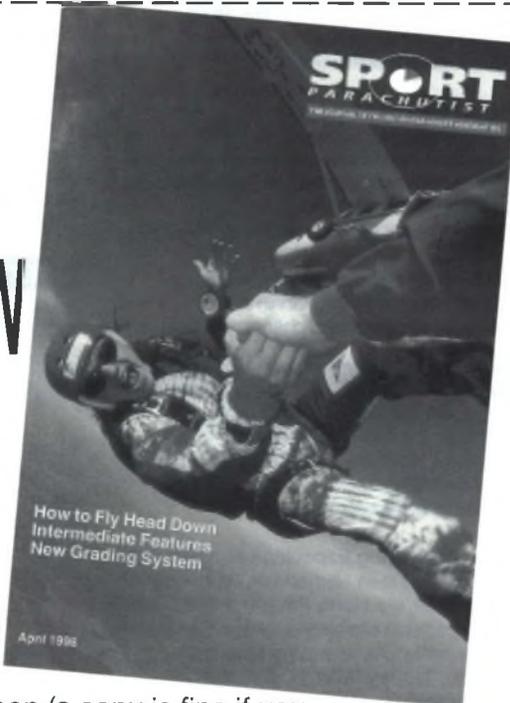
AIRBORNE?
Unusual activities
need unusual
insurance.
 We are the Insurance Specialist for all Outdoor Activities and Sports (including Parachuting, Paragliding & Equipment).
01993 700200
 E-mail: info@hbinsurance.co.uk Web: www.hbinsurance.co.uk Fax: 01993 700502

SP SUBSCRIPTION



SUBSCRIPTION
PRICES

UK £24.00
Overseas £30.00



SPORT
PARACHUTIST

Please send me a copy of Sport Parachutist magazine on each of the next six bimonthly publication dates.

I enclose a cheque/PO to the value required (delete as applicable) made payable to 'BPA Limited' (UK subscriptions only) or please debit my Access/Mastercard/Visa card as follows:

Card No.....
 Expiry date:
 Date:
 Name:
 Signature:
 Address:

 Post Code

For office use only:
 Dates issued Valid until

Fill out and return this coupon (a copy is fine if you don't want to damage this magazine) to:

BPA, WHARF WAY, GLEN PARVA, LEICESTER LE2 9TF
Tel 01162 785271 • Fax 01162 477662

Diary Dates

Key to Colours

BPA Events
Formation Skydiving
Canopy Formation
Style & Accuracy
Freelying & Skydiving

Boogles
POPS
Collegiate
Unclassified

DECEMBER 1998

5-6 International Airsports Exhibition
 Telford Tel 01366 383 817
 Email dw.photography@dial.pipex.com

12 Christmas Party
 Border PC, Brunton
 Tel 01665 589 000 Fax 01665 721 053

12-Jan 4 Phoenix Christmas Boogie
 Lake, Wales, Florida, USA. 3 Casas, largest
 Christmas Star attempts, Scrambles Meet on
 26-27. Tel 001 941 678 1003

15 Council Meeting and EGM
 BPA Office Tel 0116 2785 271

15-29 South Pole Expedition
 Skydive onto the Geographical South Pole
 American station, Amundsen-Scott Base. Starts
 from Moscow, then Chile, then an Atonov 74 to
 Patriot Hills for Mt Lechner Ilyushin 76 drops
 skydivers over Pole, next to inflated balloon on
 Christmas day. Contact Valera Belousov on
 Fax 01483 451548 or
 Email vvbkkj@globalnet.co.uk

18-Jan 4 Skydive City Christmas Boogie
 Zephyrhills, Florida, USA.
 Tel 001 800 404 9399
 Website www.skydivcity.com

19-Jan 3 Empuriabrava Christmas Boogie
 2 Casas, Turbolet, Twin Otter & Porter
 Load Organisers, freely coaching, Tombola,
 Captains Cabin 10-way Speed Meet.
 Tel 0034 972 45 0111 Email cpcb@gna.es

19-Jan 3 Train in Spain Christmas Boogie
 Registration \$30. Tel 0034 953 123 233
 Fax 0034 953 125 231 Email trainis@aol.com

19-Jan 4 Holiday Boogie, Eloy, Arizona
 USA. Tel 001 520 466 3753
 Fax 001 520 466 47 20
 Email jump@skydiveaz.com

24-30 Sebastian Christmas Boogie
 Florida, USA. Load organisers, fireworks, laser &
 light show, OTT party. Tel 001 561 388 5672
 Email skydiveseb@aol.com
 Website www.skydiveseb.com

JANUARY 1999

10-14 PIA Symposium
 San Diego, USA
 Tel 001 972 231 4127 Email hq@pia.com

23 BPA AGM
 Hanover Hotel, Hinckley. Tel 01455 631 122.
 AGM, talks, exhibits, seminars, dinner dance.
 Rooms £35 per person. Hanover now full but
 overflow hotel is the Sketchley Grange, for
 reservations tel 01455 251 133. For dinner
 reservations, call the BPA on 0116 2785 271.

FEBRUARY 99

2-7 PARASKI WORLD CHAMPIONSHIPS
 Igls, Austria Contact Michael Egsar,
 Fax 0043 5574 45137
 Email office@oe-aeroclub.at

6-21 Thailand Boogie
 Organised by Exotic Sky Adventures out of
 G222 aircraft. Package price around \$2,150,
 to include 3 star hotel accomodation, breakfast,
 most dinners, 15 skydives with load organisers,
 beach jumps, exotic extras. Call Darryl Moran
 on 01252 712284 or 0585 146684.
 Email emdazzle@aol.com

FEB 10-14 50th IPC Meeting
 Dubrovnik, Croatia
 Email gill.winter@ibm.net (Agenda) or
 tvajda@as411.tel.hr (Accommodation)
 Website www.fai.org/ipc

13-14 Z Games Freely Competition
 Zephyrhills, Florida, USA.
 Tel 001 800 404 9399
 Website www.skydivcity.com

11-18 WOMENS WORLD CUP
 Sebastian, USA. 4/8-way FS, 10 rounds.
 Tel 001 561 388 5672
 Email skydiveseb@aol.com

**FEB 19-21 Please note: The scheduled
 Womens World Record Attempt is now
 cancelled**

27-Mar 2 Sebastian XL Skills Camps
 Sebastian, USA. Coaching from National 4-way
 team members, video, beach jumps, BBQ's
 Tel 01252 717 701 / 001 561 388 5672
 Email TobyStafford@compuserve.com

MARCH 99

19-22 4/8-way European Challenge
 Sebastian, USA. Tel 001 561 388 5672
 Email skydiveseb@aol.com
 Website www.skydiveseb.com

21-27 Cyprus Nationals
 Novice Accuracy (squares only), Team
 Accuracy, Individual Style, 4-way FS (Senior &
 Intermediate). Practice the week before out of
 the competition Islander.
 Tel 00357 4 744 337 Fax 00357 4 744 180

29-Apr 9 BCPA Progression Week
 Gap, France. Contact Paul Channin
 Tel 0956 395 680 Email paul.channin@kinesis.com

APRIL 99

1-11 Sebastian Easter Boogie
 Roger Ponce de Leon & friends organising
 20 & 40-way. Live Band. Tel 001 561 388 5672
 Email skydiveseb@aol.com
 Website www.skydiveseb.com

14-23 Skydiving Expedition to North Pole
 Start in Moscow, then Murmansk, then jump an
 Ilyushin 76 over the North Pole. Cost \$6,000 a
 person, Expedition clothing package \$1,000.
 Contact Nathalie Chudiak, The Hague,
 Netherlands, Tel/Fax 0031-70-3836687,
 Email chudiak@gironet.nl
 Website http://www.skypole.ru

**Email your event to
 sportpara@aol.com
 by 11 January (latest) to be included
 in the February issue**

17-18 SPOCK, Strathallan
 3-way Speed, Student Progression, Accuracy
 (rounds & squares). Contact Paul Channin
 Tel 0956 395 680 Email paul.channin@kinesis.com

16-18 100-way Meet, Sebastian
 Speed over 3 rounds. Tel 001 561 388 5672
 Email skydiveseb@aol.com
 Website www.skydiveseb.com

MAY 99

1-3 BCPA Northern's
 3-way FS, Student Progression and Accuracy
 Venue TBA. Contact Paul Channin
 Tel 0956 395 680 Email paul.channin@kinesis.com

22-24 BCPA Southern's
 3-way FS, Student Progression and Accuracy
 Venue TBA. Contact Paul Channin
 Tel 0956 395 680 Email paul.channin@kinesis.com

22-23 POPS Meet
 Dunkeswell. Contact Sue Hill on 01253 713841
 Website www.pops.org.uk

JUNE 99

11-20 Herc Boogie
 Lidköping, Sweden. 2 Hercules booked for
 large formation boogie.
 Tel 0046 31 923 445
 Email nils.bernhardsson@gfk.se
 Website http://www.gfk.se/hercules

25-July 3 Extreme Games, San Francisco
 450 athletes competing in nine sports with
 nearly 40 hours of TV coverage. Total prize
 purse one million dollars. Skysurfing will be
 included and possibly freelying.
 Tel 001 972 394 2566 Fax 001 972 394 1385
 Wwebsite http://home1.gte.net/ssipro
 Email ssiprotour@aol.com & ssipro@gte.net

28-July 2 BCPA Nationals
 4-way FS, Student and Experienced Accuracy
 Venue TBA. Contact Paul Channin
 Tel 0956 395 680 Email paul.channin@kinesis.com

JULY 99

3-11 Langar Boogie
 Langar. Turbolet, Casa 212 and more. Load
 organising, freelying, skysurfing, parties.
 Tel 01949 860878 Fax 01949 860882
 Email bpslangar@aol.com

12-16 British Record Attempt
 Langar. See pages 10-11 for details.
 Contact Darryl Moran on 01252 712284,
 emdazzle@aol.com or Simon Ward on 01793
 771037, simonw@musicradio.com

31-1 Aug POPS Meet
 Black Knights, Cockerham
 Contact Sue Hill on 01253 713841
 Website www.pops.org.uk

SEPTEMBER 99

21-26 POPS World Meet
 Chilliwack, Canada.
 Contact Sue Hill on 01253 713841
 Website www.pops.org.uk

The Best Just Got Better!

The changing pace of skydiving has resulted in the engineers at SunPath making enhancements to the Javelin.

Tried, tested, and approved, we know you will feel more comfortable.

We made the changes you asked for.

Customer service and satisfaction is our guarantee.



SunPath's exclusive Hip Ring design allows maximum movement of the body without displacing or buckling the harness during flight.



SunPath's Reserve Pin Protection Flap tucks inside main flap for added security.



The Bridle Line Protection Flap means there is no exposed bridle line from pilot chute to main closing pin.



Chest Rings allow shoulders to come straight down to the chest, holding the yolk comfortably in place. This allows main lift web freedom of movement to the lower lateral lift web.



Elastic Keepers (not Velcro) hold toggles and risers firmly in place. They are maintenance free and won't cause damage to lines.



4439 Skydive Lane
Zephyrhills, FL 33540
Phone 813 782-9242
FAX 813 788-3057





PROF IN TO SEE US
THIS CHRISTMAS

- Tube Stows etc....
- Jumpsuits • T-Shirts
- Stamps • Watches
- Knives • Logbooks
- Goggles • Gloves
- Fun Bags • Weight Vests
- Rig Bags • Packing Mats
- Divers, Frap Hats)
- Helmets (Protecs, Factory
- Cypres • Altimeters
- Rigs (Obviously)
- Mains • Reserves



- Mains • Reserves
- Rigs (Obviously)
- Cypres • Altimeters
- Helmets (Protecs, Factory
- Divers, Frap Hats)
- Rig Bags • Packing Mats
- Fun Bags • Weight Vests
- Goggles • Gloves
- Knives • Logbooks
- Stamps • Watches
- Jumpsuits • T-Shirts
- Tube Stows etc....

THOMAS

SPORTS EQUIPMENT

PINFOLD LANE
BRIDLINGTON, YO16 5XS
TEL: +44 (0) 1262 678299
FAX: +44 (0) 1262 602063
TSE@skydivezero.demon.co.uk