

skydive

The Mag

December 2003

The British Parachute
Association Magazine



www.bpa.org.uk

www.skydivemag.com

What More Could You Want?

www.skydivewings.com

Skydive



Order Your

How Will You

Wings?

Sunrise Rigging
International, Inc.

6520 Fort King Rd.
Zephyrhills FL. 33542

Phone: 813-788-1910 Fax: 813-788-2799

Skydive City

CALENDAR OF EVENTS

JANUARY '04

- 1 - New Years Day "Hang-over Hybrids" FreeFliers & FlatFliers. Starting the year off right, "IN FREE-FALL" Starts at 12:00 (lunchtime).
- 1-24 - Dave Ruckert will be organizing All-Cessna 100 Way dives (27 aircraft). We need airplanes and skydivers. Contact Dave Ruckert, Phone: +61 (2) 98693747 E-Mail: ruckert@ozemail.com.au Web: <http://www.digitalskydive.com/ruckert/>

FEBRUARY

- 7-8 - USPA Coach Course. Hosted by Bram Clement USPA Course Director
- 9-13 - AFF Certification Pre-Course with Pip Redvers. Great training for upcoming week from HELL!
- 13-15 - "Pink Mafia" CHICKS ROCK FreeFly Boogie Pink Mafia Sisters Gathering, All-Chic ways, "PMS" number jumps, Saturday night party!!!!
- 14 - FreeFly couples competition, 4 jumps: 3 rounds of IPC Intermediate speed compulsory, 1 Free round. \$30.00 registration fee goes toward prize money. Special Jump Rates for Valentine's Day
- 14-2 - USPA AFF Certification Course, details TBA Contact Bram Clement at bramclement@earthlink.net
- 23-27 - Strong Tandem Certification Course FMI: jc@tandemInstructors.com

MARCH

- 6-7 - 4 Way Scrambles Meet, Intermediate and beginners welcome - since you get to jump with a high quality team captain. \$30 registration and 4 rounds covers video and slots.
- 17 - St. Patrick's Day - \$14 jumps all day for everyone.

APRIL

- 3-11 - The Annual Easter Boogie at Z-Hills - always the best! Competitions, music, fun organizing, food, parties, nudity and debauchery. Last year we did almost 8000 jumps from 6 planes at the Boogie-THE Spring Meet FreeFly 4 way Speed "Scrambles Competition" 5 Rounds Saturday \$30.00 Registration fee goes toward prize money.
- 15-19-140 Way 2 point Dives. Another World Record to be broken. We set the 120 Way record last year and will trounce it again this year. FMI: blskyguy@aol.com

For the spring calendar, please visit us at
www.skydivecity.com



4241 Skydive Lane, Zephyrhills, FL 33542 USA

ZHills...Home of Javelin, Tony Suits, Wings & Sunshine Factory...Florida's Best Swoop Pond..

ZHills...It's all Right Here!

...CARRYING ON THE LONG
TRADITION OF SKYDIVING
AT

Zephyrhills

Twins Offers
Free Load Organizing
FreeFly Load Organizing
Coached Jumps, Tandem, & AFF
Total Body Pilot - School of FreeFlying
Sunshine Factory Gear Sales/Pro Shop
Paragone Rigging Service - On Site
Hard Dock Cafe & Viewing Deck
Large Covered Packing Area
Sunset Beer and Wine Bar
Scuba Diving Trips
Home of World Champions
Hot Showers, Laundry, Full Service RV Slots
Home of World Record 120 Way - 2 Point Formation
located in Central Florida-Tourist Capital of the World
The ONLY Swoop Pond in the World filled with
Zephyrhills "Natural Spring Water"!!



photos courtesy of Tony Hathaway and IC Perren

001.813.783.9399 www.skydivecity.com

CANOPIES
GOOD ADVICE (FREE)
BOOKS
RUBBER BANDS
RESERVES
JUMP SUITS
GREAT DEALS
ACCESSORIES
RING SIGHTS

CONTAINERS
HELMETS
OUTSTANDING CUSTOMER SERVICE
CAMERA GEAR
GLOVES
GEAR BAGS
RIGGING TOOLS
VIDEOS
GOGGLES
ALTIMETERS
AAD'S
COOL CLOTHING

Large Enough to SERVE you Small Enough to CARE

Sunshine Factory is on the DZ at Skydive City in Zephyrhills. We will supply you with the right equipment, at the right price, when you need it. With the largest inventory in the industry we can supply your needs NOW!

After 19 Fantastic Years in Business, our
Customer Service is Second to None!

We guarantee that our friendly and knowledgeable staff will help you with all your Skydiving Equipment needs! We stand behind our motto -
"Large enough to SERVE you - Small enough to CARE!"

Visit us on line at www.sunshine-factory.com
or call us at 001.813.788.9831



Call or e-mail Dave today at
001.813.788.9831 or dave@sunshine-factory.com
"Order ahead of time and i will have your gear ready when you arrive at the DZ!"
"We also ship everyday overseas"



4303 Skydive Lane Zephyrhills, FL 33540
001.813.788.9831 Tel 001.813.788.5107 Fax
www.sunshine-factory.com



SEAKN KIVIES
HOOK BAGS
TOTE BAGS
JEWELRY
LOG BOOKS
RING

Located near SkyVenture Wind Tunnel...Free Camping, Nightly Bonfires & GREAT VIBES!!



British Parachute Schools

*The Control Tower, Langar Airfield,
Langar, Nottingham. NG13 9HY*

Telephone & Fax: 01949 860878

Email: info@bpslangar.co.uk

Website: www.bpslangar.co.uk

WE ARE A BUSY 7-DAY-A-WEEK CENTRE
flying our turbine aircraft every jumping day!

The BEST Courses

RAPS, Tandem Skydives,
The Best AFF Deal in the UK

The BEST Welcome

Students, Flatflyers,
Freeflyers, Skysurfers,
CRW, Birdmen, Teams
and loads of Fun Jumpers

The BEST Progression

RAPS Students love jumping
our Turbine Aircraft

The BEST Aircraft Line-up

Cessna 206,
Cessna Grand Caravan,
Let 410

**THE BEST
INSTRUCTORS
ORGANISERS
COACHES,
VIDEOMEN
AND PILOTS**

**Langar
Boogie
2004**

1 - 9 May

SKYVAN already booked!

**BPA AFF/Tandem
Evaluation Course
29 March - 2 April**

**BPA Grand Prix
FS 8-way
24 -25 April**

**Don't forget
We're open all Winter**

with our very own heated Cessna Grand Caravan
and our Cessna 206 available every day!

**Team Train Here -
Special Rates Available**

ALSO

John, Janet and Phil Curtis - Rigging,

Kit Store, Coaching, Canteen,

Bar, Bunkhouse with Team Rooms,

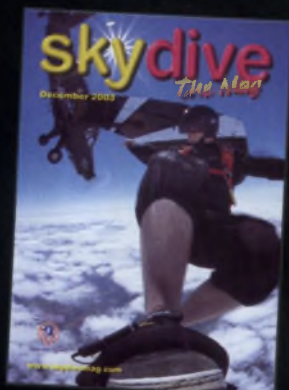
Showers, Large Camping Area,

Unrestricted Altitude.

Huge Landing Area, Large Packing Area.

skydive The Mag

Out on the sixteenth of every other month



EDITORIAL

The Mag, Station Road, Ailsworth,
Peterborough, PE5 7AH
United Kingdom

Tel/Fax: 01733 380 568

editor@skydivemag.com
www.skydivemag.com

SUBSCRIBE

www.skydivemag.com
Or see page 7

CHANGED ADDRESS?

Email: skydive@bpa.org.uk
Call BPA: 0116 278 5271

ADVERTISING

Jayne Notley
Warners Group Publications
West Street
Bourne, Lincs PE10 9PH
adverts@skydivemag.com

TELEPHONE

Ad Sales – Jayne Notley
01778 391 189
Ad Production – Jo Cooke
01778 391 164

Fax: 01778 394 748

MANAGING EDITOR

Lesley Gale
lesley@skydivemag.com

EDITORIAL & WEBSITE

CO-ORDINATOR
Colin Bridges
colin@skydivemag.com

DESIGN

Andy Venum
Tel: 01733 380 809
stylaprint@btinternet.com

editorial

A Christmas present from the BPA to all members is enclosed with this magazine; the BPA Skydiving Calendar 2004. My warm congratulations to Eddie Jones and the 2003 Communications Committee for their initiative in a superb way of promoting the sport. It has been a pleasure to work on this project, the stunning photographs reflect the beauty, excitement and diversity of our activity. The theme was 'British Skydiving' and as such, all images are of Brits, by Brits or both. We are aware many are not over the UK but went for the sweetest, tastiest, most mouth-watering eye candy. Enjoy!

The AGM in January is the first of many BPA dates printed in the calendar. The Competitions Committee have arranged National and Grand Prix events earlier than usual and these have all been included, a great example of the various BPA committees working together. These dates (plus the CF Nationals which has only just been decided) are also in the magazine diary, inside back cover. Following the Comps Committee's lead we chased up as many dates as possible for 2004 and are proud to present a full and early diary to help you plan next year.

Unusually this year, we will not have a Skydive Mag stand at the AGM. This is because I will be away in Thailand at a World Record attempt; Colin will be at the AGM but will be managing his own audible altimeter stand and we did not want to mix the two areas. I'm happy to say that over the years negative feedback has reduced each AGM and positive input increased so we felt it wasn't vital to have a magazine presence. If you do have any feedback about The Mag, email it to me, we're always interested.

I hope you have a super Christmas break, whatever you're up to. If you're skydiving, make sure you send us pictures and reports for The Mag as soon as possible in the New Year... and don't take out any reindeer!

Lesley

deadlines

Issue	To Reader	Copy Deadline
February 04	16 February	6 January
April	16 April	6 May
June	16 June	6 May
● out on the 16 th of every other month		
● copy deadline is the 6 th of the month before		



Bill Vincent

British Parachute Association

Patron: His Royal Highness
The Prince of Wales

BPA, Wharf Way,
Glen Parva,
Leicester LE2 9TF



Tel: 0116 278 5271
Fax: 0116 247 7662

skydive@bpa.org.uk
www.bpa.org.uk

BPA Staff

Technical Officer	Tony Butler
National Safety Officer	John Hitchen
PA to above officers	Trudy Kemp
Financial Administrator	Jon Gretton
Secretary-General	Martin Shuttleworth
Administration Secretary	Susan Waterfield
Membership Services	Karey Goodwin
Membership Services	Sue Allen
Stock Controller	David Lucas

BPA Council 2003

BPA Chairman	Chris Allen	skydive@ukgateway.net
Vice Chairman & Competitions Chairman	John Smyth	smuffy@aol.com
Development Chairman	Kieran Brady	kbrady@fsbdial.co.uk
Communications Chairman	Eddie Jones	eddie@skydivecamera.freemove.co.uk

Council Members

Paul Applegate	paul.applegate@tesco.net
Calvin Blacker	calvin@skydive-elemental.com
Ralph Fielding	ralph.fielding@ntlworld.com
Billy Gollan	
Dave Hickling	bpslanger@aol.com
Nigel Holland	hollandnigel@aol.com
Ian Marshall	marshallcf@aol.com
Ian Midgley	ianmidgley@hotmail.com
Jim White	jcwhite526@hotmail.com

BPA Officers

& Representatives 2003

STC Chairman	John Hitchen	john@bpa.org.uk
Riggers Chairman	Paul Applegate	01869 277 469
BPA Vice Presidents	Jim Crocker, John Lines & Bob Card	
Treasurer	Debbie Carter	
Pilots Committee Chairman	Tony Knight	
Royal Aero Club Delegate	John Smyth	
CAA Liaison Officer	Tony Knight	
BPA Gasco Representative	Angela Hickling	
IPC Delegate	John Hitchen	

skydive
December 2003



Photo, by Gary Wainwright, shows jumpers at Langar Boogie 2 on their way to a successful 34-way

skydive

The Mag

Out on the
sixteenth of every
other month

SUPPORTED BY



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

© The Mag

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form; electronic, mechanical, photocopying, recording, without prior permission of the Editor.

The views expressed in **The Mag** are those of the contributors and not necessarily those of the BPA. Opinions in the editorial are those of the Editor, not of the BPA. The Editor retains the right to withdraw any advertisement at her discretion and does not accept liability for delay in publication or for errors, although every effort 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 take a total of three weeks so some information may be out of date, or superseded.



features

CF UK 8

New British Women's CF Record

Flight Test: Safire 2 20

Al Macartney's verdict

Cutting Away 24

Vital info about risers and cutaway systems

For Starters: Buying a Rig 28

The second part in Anne Maxwell's buyer's guide

Corners Can Kill 33

The BPA Poster Explained

World Cup: Canopy Piloting 40

Action and excitement at IPC's first official swoop event

Ez Liggitt 53

Ian Marshall recalls Ez



regulars

Subscribe to The Mag	7
JMs Newsround	14
BPA Matters	18
Kit News	36
Puzzle	53
Club News	60
BPA Affiliated Drop Zones	74
BPA Associated Organisations	77
Classified Adverts	78
Diary	IBC
Advertisers Index	IBC



Cover photo: Self portrait by Mike Frost over Weston

Introducing the ultimate new skydive aircraft

3 aircraft operating in Europe in 2004



Developed by Pacific Aerospace Corporation of New Zealand,
The new PAC 750XL is the first aircraft to be designed specifically for skydiving!

- ✓ **Performance:** 12 minutes to 12,000 ft with 17 jumpers
Short strip, year-round operation
- ✓ **Safe:** Designed to current FAR23 safety standards
Ultra-dependable PT6 - 34 750HP turbine engine
- ✓ **Economic:** Substantially cheaper than comparable new aircraft
- ✓ **Finance:** Purchase or lease (subject to approval)

PAC
PACIFIC AEROSPACE CORPORATION

Call now
for 2005
delivery

Distributed in Europe, Middle East and Africa by
XLaviation

Call Chris Butchers on +44 7768 643 956
Chrisb@xlaviation.com ~ www.xlaviation.com



Nice drop zone in Central Italy -
10 km from Adriatic Sea.
Ancona or Pescara nearest international airports,
special price with Ryanair.

- Friendly and professional USPA staff
- Rigging service
- Load organisers
- Shaded packing area
- Team rooms
- Services and bunkhouse
- Camping on DZ
- Bar / restaurant

Please book in advance Open every day on request

Special prices for teams - call for information

Website: www.skydivemarche.com

Email: info@skydivemarche.com

Tel/Fax : +39 0734 964488

SKYDIVE RAMBLERS PRESENTS
Equinox Boogie 2004
23rd - 31st October 2004



**RAMBLERS
SKYDIVING RESORT**
TOO GOOLAWAH DROP ZONE AUSTRALIA

www.ramblers.com.au
Famous for Fun!

skydive@ramblers.com.au Phone: +61 7 5423 1159

You don't have to be a Brit
You don't have to be a skydiver
You don't have to be a National Champion

skydive
The Mag

Subscribe
NOW
Prices Slashed!

Secure online subscriptions
now on our website
www.skydivemag.com

- Six issues a year
- Vibrant, colourful
- Stunning photos
- Imaginative design
- Informative editorial
- Out on the 16th of every other month

Simon Ward



"I travel a great deal to different drop zones around the world and I always take a copy of Skydive The Mag with me"

Tim Porter

We have lots of overseas subscribers, non BPA members who get The Mag because they like it.

If you're interested in skydiving, whatever nation you're from whether a first jump student, an adventure sports enthusiast, or you jump abroad, you'll enjoy The Mag.

If you subsequently join the BPA as a full member (after six jumps or when you progress to freefall) your magazine subscription amount is deducted from your BPA membership fee so, in all, **you don't pay any extra.**

ONE YEAR: UK £22

OVERSEAS: Europe €33 USA: \$36 Other: £30

Subscription Prices
Slashed!

Please send me a copy of **The Mag** on each of the next six bimonthly publication dates:

I enclose a cheque/PO to the value required (circled above) payable to 'BPA Limited'

(UK subscriptions only) OR: please debit my Mastercard/Visa as follows:

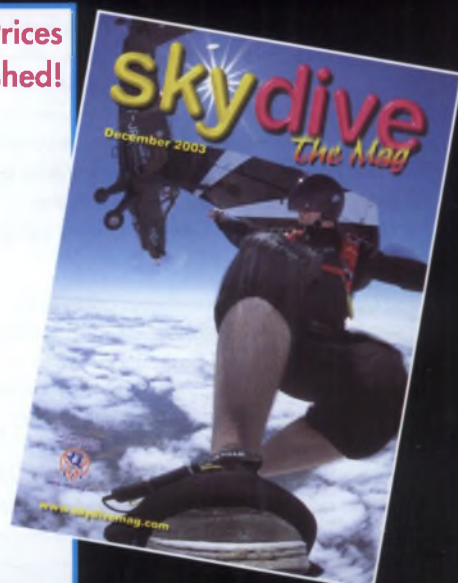
Card No. _____ Exp date: ____ / ____ Amount

Name: _____ Date: _____

Signature: _____

Address: _____

BPA, Wharf Way, Glen Parva, Leicester LE2 9TF, UK
 Tel: +44 116 278 5271 Fax: +44 116 247 7662



skydive
 December 2003

CF UK

Canopy Formation isn't making a comeback in the UK – it's made it!

Two exciting formations set new records over Langar, here's the full story on each...

Polishing a Diamond

On Saturday 30 August, ten dedicated jumpers built a very special canopy formation in the skies over Langar – a 9-way diamond with a stinger as a tail. Twelve months earlier most of the jumpers had only a handful of CF jumps, one had only one CF jump – what progress was seen over the year!

Resurrection of CF

Over the past few years, canopy formation has been enjoying a bit of a resurgence, thanks in no small part to the CF seminar weekends that the *Red Devils* have run about once a year. Having had some of these weekends, Langar had a bunch of people dabbling at CF, mostly building small stacks and downplanes. Some of these people had CF kit, some didn't. The jumps were always fun but not often developing new skills. They were a bit like recently qualified Cat 10 skydivers – with proven skills but not able to move on to more challenging stuff without coaching.

Having spent the last few years on the CF sequential national team *Team X*, I was looking to put something back into the sport so I sounded out the idea of showing this gang some offset CF formations rather than the stacks they were easily building. At this point my mouth ran away with me and I said "I know, I will teach you how to build a 9-way diamond!". That was it, the challenge was set and I knew they were going to hold me to this one!

The biggest problem was always going to be getting enough compatible canopies. A mixture is okay for building small basic stacks but, to do more advanced larger formations, you need the same kind of canopies. Trying to build offset formations with incompatible canopies is definitely not recommended. The dedication of the group to learn CF showed as they pulled out all the stops to source used PD Lightnings within a few weeks. Game On!

Back to Basics

The first proper get together of the year was Easter and we had a very enjoyable weekend building eight and nine stacks and getting people used to the new canopies.

Skill and Discipline

Offset CF formations require more skill and more discipline than straight stacks. The aim is to dock the end cell, or both end cells of your canopy onto a hip of the jumper or jumpers (as opposed to the centre cell on someone's backpack with stacks), so you must arrive with very little momentum. Once in position you often need to actively control your canopy to ensure it doesn't wrap around the person you are docked on.

Actively flying a canopy during CF is much more involved than flying back to the dz after FS. Toggles, back risers and front risers are all used in various combinations to constantly fly your canopy in response to other canopies docked or docking on the formation and also to the air – turbulence, change of windline while descending, thermals and so on.

People learned new skills and became more proficient at canopy flying but the formations were less successful than the straight stacks. It would have been very easy to get disillusioned at this point but I was constantly amazed at how the gang were eager to learn and always had a great laugh no matter what – they weren't even deterred by a pilot chute in tow (can't blame CRW for that one) and a wrap! (Same victim as the pilot chute in tow, mentioning no names but it was Taz that chopped!) Every situation is a learning experience and it was good to see such events dealt with calmly and correctly.

After half a dozen attempts we eventually managed to crack a 4-way diamond. This was always going to be the most difficult hurdle; too many people try to build large diamonds before they can even build a small one.

The following weekend five others came along to start building bigger. On every dive almost everyone was learning a brand new slot – first ever wing dockings, first ever lock dockings, first ever receiving a lock... no-one could quite believe the improvement: a 5-way on the first jump, then six, then a seven and finally an 8-way wedge with the ninth just feet away. Lots of firsts, and – yes, everyone did buy beer – lots of it!

Then during the summer, progress seemed to take a step backwards. Whilst everyone was getting better each jump, we all took it in turns to have a bad dive, which meant that the 9-way diamond was always just beyond our reach.

Car accidents, trampolining incidents and landing injuries meant that throughout July and August we attempted a 9-way diamond with only six or seven people! Now I'm no genius at maths but even I knew the odds weren't looking good, although the base of the formation was getting better and better and people were learning new slots to compensate for those that were unavailable.

On 30 August we still didn't have nine people – we had ten. Cool! Confidence was at an all-time high. On the first jump of the day, which normally just gets rid of the cobwebs, everything came together to build the first 9-way diamond over Langar – plus an extra canopy on the bottom to make a cool 10-way! With Tony D there to do the honours with the camera the summer's goal was achieved.

The Future

Next year's plan is to progress to a 16-way diamond, hopefully by adding some more experienced CRW jumpers to the group and then, who knows, the *Marines'* 24-way has been a British record for far too long now. Watch this space!

Mark 'Plastic' Weaver
mark@weaver95.fsnet.co.uk



The Thank Yous

Tony Danbury & Keith

Johnson who have filmed us all year, capturing our triumphs and tribulations!

The pilots at Langar who worked hard to give us just the right run-in, avoiding clouds and allowing for strange uppers

All the Langar ground staff, though they were disappointed at the lack of rain, having the truck constantly running, just in case it started raining free bags!

"The visuals in the middle of the diamond are just awesome: after landing, you get a fantastic view of the wings making their approaches to dock – then you can have a chat with them once they're there!"



Gordon Hodgkinson

"When do I get to have a chop?"

Gavin McLeod (who after 16 years in the sport still hasn't had a mal or a

cutaway, despite being 20+ Crew jumps this year most with an unused Phantom 22 cocked, locked, and ready to rock...)



"When does somebody else get to chop?"



Taz Causer (Gavin's better half, the only one who chopped all summer)

Record Breakers

Mark 'Plastic' Weaver
Baz 'No Cares' Carey
Martin 'Wrappiette' Robiette
Gordon 'Wrapkinson' Hodgkinson
Quinten 'O'Blimey' O'Brien
Taz 'Cause-a-Wrap' Causer
Iain 'Freddy' McDonald
Gavin 'McWrap' McLeod
Pat 'Take Me' Hammond
Karen 'Bent 'Em' Brennan

"At the beginning of the year I had never done CRW before. Now I can fly stacks, wing slots, lock slots, receive locks and have even added another British Record to my collection and a regional gold medal! If a vertically challenged girlie can do it I reckon the rest of you can!"

Taz Causer

Pat's Angels

Seven determined women set a new British CF Record at Langar



Sarah-Jane, Karen, Maria, Yo, Sylvianne, Taz and Jude

On October 25, several months of training came together as seven ladies jumped from the Caravan and built a complete canopy formation. They instantly smashed the UK record for women's canopy formation, in front of the trained eyes of FAI judge Bob Charters.

The previous record was a 4-way set in 1991. This seems a modest record to beat but there are very few women doing canopy formation in Britain, something CF coach Pat Hammond was determined to change. Recognising that women have just as much skill and ability to do CF he put the team of seven girls together earlier this year and set about organising the record jump. Pat commented "Women can do anything they want to in skydiving and they are really very good... they tend to listen more to coaching."

Training

We trained individually throughout the year, each doing a couple of jumps with Pat at some point and getting into a few mixed big-ways. We met each other for the first time to train as a group at Netheravon two weeks before the record attempt.

Slots

Sylvianne was our pilot, flying at the top. Our formation was a straight stack with one canopy docked behind the other with grips taken by each jumper in the risers of the docked canopy behind her. Sylvie's role was to control our direction of flight and check our progress.

Each girl was given an order to dock and the jump was dirt-dived on the ground beforehand, just as in FS. Everyone was given a holding position whilst waiting to dock and then an approach pattern. Jude docked second, followed by Yolande, Taz took fourth position with Maria fifth and finally Karen and myself docking sixth and seventh. The jump was made from 9,000 feet with break-off at 3,500 feet and was built well within time.

Relief

As the last to dock I remember feeling a huge sense of relief having piloted my canopy into position and put the top surface of the canopy into Karen's hands. I knew we had got the record! As I looked up and saw the six other girls looking down and counting out a ten second delay (required to qualify the jump as a legitimate record). I couldn't help but feel overwhelmingly proud to be jumping with six such skilled and determined people. The formation was solid and flew exceptionally well, testimony to the skill of each and every jumper.

Break-off

The last person to dock (from below) breaks off first. One at a time, each jumper must apply the brakes equally which depresses the canopy and allows it to sink back; combined with a gentle right or left input on brake or riser, the canopy slides off from behind the formation safely to the side. Then the jumper turns in a pre-defined direction, also part of the dirt-dive, and heads back to land on their own.

Peaceful Environment

Canopy formation can be the most amazing and beautiful sport. Unlike freefall there is plenty of time, the dive plan is longer and it can be very peaceful flying a canopy and working relative to another in a controlled and skilled environment. As Taz said "None of us are gurus" but the canopy control skills learnt through practicing CF are very relevant to all canopy flying. Maria and I both admit we learnt CF specifically to improve our confidence under canopy – neither of us thought we would be breaking CF records some time later!

Pride and Professionalism

Talking to some of the girls who took part in the women's big-way Brit Chicks FS record I felt the same pride to do this CF record as an all-female team. It really was different to jumping in a mixed



sex group. It was a lot of fun to be all girls together laughing and joking on the ground. As Yolande said "Everyone really gets on" but what I remember most is looking around and realising that this was the first time I'd been in a jump plane with a clear majority of women. The atmosphere of the dive was noticeably different; very calm, professional and serious. Everyone on the team commented on a certain degree of control and teamwork that only a group of women can bring. I dare say, after the women's CF team success, it may actually be the future of CF!

Calling CF Chicks

Our immediate goal is to recruit a selection of girls to train for their CF1 so we may break our own record with a 10-way in 2004. This will equal the current European record held in Germany.

The Future

The world record for women's CF is currently a 25-way diamond, set in the USA. Our long term goal is to see a selection of British women trained to a level to take part in the next European record attempt – and onwards! We are currently planning a special training scheme in the UK next year. If there are any females who would like to train in CF and take part we want to hear from you. There really is no limit to what you can achieve if you choose to join in.

Sarah-Jane Smith
sjscookie@yahoo.com

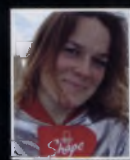


The Thank Yous

FAI judges Prof and Bob Charters
Cameramen at Netheravon
Tony Danbury at Langar
Pat Hammond
Mark Weaver
Staff at both DZ's for their support

Record Breaker	Jumps	CF Jumps	Canopy
Sarah-Jane Smith	700	250	PD Sabre 135
Karen Brennan	800	150	PD Lightning 126
Maria Russell	300	40	PD Lightning 126
Jude Haig	600	80	PD Lightning 160
Taz Causer	400	60	PD Lightning 126
Sylvianne Herrick	300	100	PD Lightning 160/Fury
Yolande Lee	600	150	PD Lightning 126

"There is an awful lot of scaremongering with CF but, given a good coach and the right kit, CF is safe and really really enjoyable because you get maximum time in the air"



Jude Haig

"All girls! Great, no farting in the plane! And proving it takes more than a pair of balls to do CF!"



Maria Russell

"This record has signalled the rebirth of CF and women have spawned it!"



Yolande Lee

"The girls did not need a lot of training, they knew what they needed to know already, they just needed organising"



Pat Hammond

Complete custom Rig from just £2299 inc vat. call for details

ALTIMETERS

FT50 Wrist mount	£95.00
FT50 'Glow in the Dark'	£115.00
Altimaster II	£140.00
Altimaster III Galaxy	£90.00
Visual/Audible Altimeter	£190.00

AUDIBLE ALTIMETERS

Pro-Dytter	£120.00
Pro-Track	£199.00
Jumptrack CD and Interface	£65.00
Time-Out	£110.00
Skytronic FX	£175.00
Time-Out/Pro-Track/Pro-Dytter batteries	£5.50

CAMERA GEAR

Cameye II	£30.00
Step Ring - Lens converter	£19.00
Newton Ringsight	£99.00
Newton Sight Holder	£25.00

LOGGING

2 jumps/page Hardback	£10.00
10 jumps/page Softback logbook	£7.50
Deluxe Logbook Holder - Choose custom colours	£16.50

BOOKS

Skydive Sport parachuting explained	£14.99
Skydiver's Survival Guide	£15.00
Eyes in the sky - Patrick Passe & Wendy Smith	£32.00

GLOVES

Warm winter gloves - Thermal lined leather, black or white	£16.50
DZ Sports - leather palm, black	£16.00
Neoprene - warm winter gloves, blue or black	£18.00
Neumann Gloves - leather tackified palm, white	£29.95

HEAD GEAR

Call for current stock and custom finish details

2K Composites

FF1 open face helmet	£158.63
FF2 camera helmet	£334.88
FFX camera helmet	£323.13
Side FX camera helmet	£176.25
Side FX camera helmet includes camera mount	£205.63

Skysystems

Nvertigo X	£185.00
Hurricane freely helmet	£160.00
Factory Diver - Full face helmet, fixed visor	£195.00
Oxygn - Full face helmet, flip-up visor	£215.00
Oxygn A3 - with external audible port	£225.00

Parasportitalia

Z1HP - Full face, flip-up visor	£189.00
Z1 Evo - Open face	£130.00

Bonehead

Mindwarp Millennium	£175.00
NEW Guner	£180.00

All Bonehead products available on request

Others

Gath with pro-track mount	£99.00
Gecko - Open face helmet	£89.00
Frappe Hat	£55.00
Padded Helmet bag	£30.00

CLOTHING

Go Fast!
Groundrush
Blu-Sky X wear
Dragoneye Art
FS & FF Jumpsuits
Call for details and prices or check out www.dzsports.com

GOGGLES

£8.00	Flexvision clear
£10.00	Flexvision tinted
£11.00	Flexvision overglasses
£8.50	Kroop
£12.50	Sky Eyes
£19.50	Sorz - clear, mirror, tinted, amber,
£16.50	Blaze/Peerser - clear or tinted
	Other goggles available on request

Videos

£35.00	Airspeed Documentary
£39.95	Anti Gravity - Swooping, skysurfing, cool video!
£42.50	Basic Body Flight - Sky-U
£42.50	Basic Canopy Flight - Sky-U
£19.50	Breakaway - The most thought provoking video out - BUY IT!!!
£19.50	Fly Like a Pro - For every canopy pilot
£17.50	Ground Rush - Malfunctions - how would you react?
£19.50	Pack Like a Pro - Flat packing and pro packing
£23.95	Swoop Two - Pondswooping
£15.00	Trouble Free Zero-P - Packing tips
£45.00	Willing to Fly Video - Norman Kent
£70.00	Willing to Fly Book/Video package - Ideal Xmas present
£39.95	Over the Edge - Skydiving, BASE, lingerie & more

DVDS

£39.95	CrossWind - Patrick Passe
£50.00	Dive in - Classic collection from Norman Kent
£22.50	The Good Stuff - Just when you think you've seen it all!
£23.00	Out of the Blue - Team Extreme - Awesome Canopy Swooping
£23.95	Soul Flyers - NEW - by Loic Jean-Albert
£23.95	Swoop Two - Pondswooping
£36.95	Willing to Fly - NEW from Norman Kent

MISCELLANEOUS

£7.50	Alti-2 Velcro Wrist Mount
£6.00	Alti-2 'U' Bars
£7.50	Alti-2 Chest Pad
£30.00	Buddibuoy Flotation Aid
CALL For Price	Cypres 2 - NEW ! - NO battery changes ever required!
£50.00	Cypres 1 Batteries
£4.50	DZ Sports Mouse Mat
£5.00	Altimeter Coffee Mug
£15.00	Grip - Holds container to carpet or grass when packing
£8.00	Leather necklace with deployment pin
£10.00	Pack Boy Packing tool
£8.00	Tub Stoes/Microline/Dacron/Tandem
£8.99	Zak Knife & pouch - Small knife, choose pouch colour
£13.50	Jack Knife & pouch - Large knife, black pouch

ORDER NOW FOR CHRISTMAS

All prices include 17.5% VAT



Photo: Geir Troennes



Demo canopies available - call for details

EMAIL YOUR ORDER TO sales@dzsports.com

Name: _____

Address: _____

Tel/Email: _____

I enclose a **CHEQUE** payable to **DZ Sports Ltd**
or please debit my **VISA / Mastercard / Delta / Switch**

Issue No. exp /

Signature: _____

Date: _____

please add 5% for credit cards, sorry but we have to pay for this too, no charge for debit cards.

ITEM	COLOUR	SIZE	PRICE	QUANTITY	TOTAL PRICE

Insurance is automatically added to your order unless specified in the box provided.
If you do not accept insurance we take no responsibility for non-delivery.
Insurance not required (tick box) ☐

DZ SPORTS Ltd, Hinton Airfield, Steane, Brackley, Northants, NN13 5NS

POST & PACKING	UK	BFPO & EUROPE
ORDERS UP TO £10.00	£1.00	£2.00
ORDERS £10.00 - £20.00	£2.00	£3.00
ORDERS £20.00 - £50.00	£3.00	£4.00
ORDERS OVER £50.00	£4.00	£5.00
ORDERS OVER £200.00	£8.00	£8.00



GOODS	
POST & PACKING	
INSURANCE	0.95p
CREDIT CARD 5%	
TOTAL	

24HR TELEPHONE ORDER HOTLINE 01295 812101

New UK Aircraft



Langar has bought a second Cessna Grand Caravan to join their fleet of turbines. This replaces their 206 which has been sold on.

St Andrews will be flying their own Turbo 206 with in-flight door, oxygen system, floater rails and step.

Strathallan have bought another Cessna 206 to join their existing two. One 206 is currently on lease but two 206s will be flying from January onwards and they anticipate flying all three from April 2004.

Black Knights are leasing a Porter from 1 July to 1 August 2004, which will be used for the FS 8-way Grand Prix in the beginning of July.

25 Years On

It's 25 years since Britain's first parachuting gold medal was won by Jackie Smith in the accuracy event at the 1978 World Meet in Zagreb (ex Yugoslavia, now Croatia). Jackie, on a 5-cell Strato Star, was the first competitor to score ten consecutive dead centres in world competition. UK's second gold at a World Meet was this year with VMax.



Jackie Smith, photo by Bob King

Freefly Training Centre



World Champion team *Alchemy* have moved from Sebastian, Florida to Perris Valley, California.

The Freefly Training Center at Skydive Sebastian, Florida, is still very much in operation with national UK freefly champions Chris Lynch and Rob Silver plus Dave Brown (pictured) and Francisco Neri. Freefly Training Centre offers freefly coaching for all levels, in freefall or at the nearby Orlando SkyVenture wind tunnel.

Chris Lynch ~ gottafllychris@aol.com

Rob Silver ~ madsilva@hotmail.com

Dave Brown ~ dave@freeflytrainingcenter.com

Francisco Neri ~ cisco@freeflytrainingcenter.com

Brit Chicks 2004

Kate Stephens, Lesley Gale and VMax are aiming for a women's British record 60-way in 2004, at Langar. Base practice/build-up is over the bank holiday weekend of 28-30 August and the record attempt on Friday 3 to Sunday 5 September.

Warm-up Brit Chicks events will be held over both weekends of the first Langar Boogie in May. These will be combined with Langar's load organised groups so that the multi-aircraft loads will be of both sexes. Seminars are open to all.

lesley@skydivemag.com

European Skydiving League



Willy Boeykens

ESL (European Skydiving League) is a project spear-headed by Willy Boeykens, the Belgian cameraman. Different European countries hold 4-way meets on the same weekend with the same draw, so the results can be measured against other nations. Such meets decide the team to represent their country at the ESL finals. ESL is primarily aimed at non national teams giving others a chance to experience international competition. It is hoped the UK will join the league in time, although a problem to overcome is that their intermediate dive pool is very different.

ESL 2003's winning team Hayabusa (Belgium) who beat 22 teams, averaging 15.1

willy@skytrophy.com

Reviews

Willing To Fly DVD

Reviewed by Hannah Barnes

Summary Put it on your Santa list, a 'must have' for your DVD library

Running time 3 hours

Cost £36.95

Content 9/10

VFM 9/10



Norman Kent's *Willing to Fly* DVD is chock-full of extras such as a bonus film, director's commentary, photo gallery, the creation and original storyboard art. The quality of the 35mm film can really be appreciated on DVD versus the original video release.

Willing to Fly is an artistic expression of Norman's skillful cinematography exploring all aspects of skydiving. The director's commentary, an in-depth explanation by Norman, is well worth watching and will also give a leg-up to those who might be put off by the Skydancer voice-over on the original soundtrack. My personal favourite feature is the scene selection and being able to go straight to chapter 12 starring Frightful the Falcon flying with his freefalling keeper.

Flightscape, a 43-minute bonus film, opens with incredible under canopy footage of Frightful the Falcon grabbing Norman's pilot chute and trying to take off with it. *Flightscape* can be viewed with its original soundtrack but has been edited so that you can play your own music instead. It's uncanny how the footage seems to go with any music. Downloadable trailers and samples are available at Norman Kent's website.

www.normankent.com

UK Stockist DZ Sports 01295 812 101

Soul Flyers DVD

Reviewed by Chris Hollis

Summary A well presented product of some fearless French dudes having a laugh

Running time 45 minutes plus 14 mins extras

Cost 30 Euros

Content 9/10

VFM 9/10



Loic Jean Albert and friends have produced this road trip capturing innovative and daring aerial stunts involving wingsuits, extreme canopy flight, paragliding and base jumping. The movie takes you on a journey as they play above the Alps, Namibia, Canada and the Reunion Island.

Soul Flyers has some great footage of ingenious hybrid jumps featuring the paraglider as an airborne launch platform, rollerblading off a bridge, a James Bond-esque canopy flight down a piste pursuing skiers and, most impressively, an extremely low pass of a ski slope by Loic in a wingsuit.

Accompanied by a driving techno sound track, the locations make stunning backdrops and the stunts have to be seen to be believed. The length is just right to retain interest without becoming repetitive. This DVD will go down well with anyone with an interest in pushing the envelope of flight.

Extras include an extended 14-minute section of the Namibian desert scene with English subtitles, a useful facility as the movie voice-over is in French. This voice-over doesn't detract however as the stunning visuals need no explanation.

www.flyyourbody.com

Did You Hear?

Four British skydivers were in a deaf world record 15-way set at Perris Valley in September. Brits Alan Thompson (Peterlee), Peter Davis (Headcorn), Stuart Wilson (Peterborough) and Ian Rayners were among the record-breaking jumpers. Alan also became the first deaf person to do a high altitude jump, from 32,000 feet over Davis, California.



Tunnel City

Another UK wind tunnel is planned. This one already exists on a former MOD testing site in Bedford but requires modifying. It is larger than any freefall simulator currently being used, with a 16 feet diameter compared to Aerokart's 14 feet and SkyVenture Orlando's 11 feet. The airspeed is apparently suitable for flat and freeflying. The tunnel has existed since 1955 but has not yet been used by humans so it requires major renovation. Planning permission has been granted and the projected opening is August 2004.

www.extremebodyflight.co.uk

Stolen Rig

A rig was stolen in a house burglary and the owner is offering a reward for information leading to its recovery. It's a Vector III, black with turquoise trim; PD Spectre 190, alternative white and turquoise blue; PD 176 reserve; and Cypres.

07870 698401

charlie@poetswine.com

RAPA is 40!

2004 marks RAPA's 40th anniversary so this year's annual championships will be a massive reunion. Everyone who has ever jumped or flown at RAPA is warmly invited to attend and bring their memorabilia. Skydivers, pilots, riggers, teams and individuals, take your old photographs, jumpsuits, ancient sets of kit and your holiday slides. The championships are from 13-16 June, and include style & accuracy, 4-way FS and pond swooping. Please spread the word to anyone who has been involved with RAPA at any time.

RAPA: awright91@aol.com

Flights: www.airberlin.de

Stop Press!

Jumpers set a World Record CF formation of 70, at Lake Wales, Florida on 29 November.

Border Parachute Centre will be closing on 22 December 03 due to residential development at Brunton Airfield.

American Jay Stokes set a new record for the most jumps in 24 hours, of 534; achieved on November 11. See

www.mostjumps.com

SUN, SEA & ADVENTURE!



SKYDIVING COURSES
& HOLIDAYS

Airwaves

INTERNATIONAL SKYDIVING SCHOOL

SKYDIVING COURSES, PROGRESSION AND HOLIDAYS
IN THE SOUTH OF FRANCE AND FLORIDA

FULL TIME BRITISH SKYDIVING SCHOOL BASED IN
FRANCE **ROYAN** MAY-OCTOBER

FLORIDA **LAKE WALES** NOVEMBER-MAY

Florida's Largest & safest Student DZ

JUST SOME OF THE REASONS TO JOIN US!

TOP BRITISH RATED INSTRUCTORS & UK LICENSES

OVER 25 YEARS OF EXPERIENCE & BPA ASSOCIATED

PERSONALISED AFF, FREEFLY, FS1 & RAPS COACHING

VIDEO ON ALL INSTRUCTIONAL JUMPS

GREAT SKYDIVING HOLIDAY VENUES

WIND TUNNEL COACHING

France (Paris) & Orlando

GOOD WEATHER

COMPLETE PACKAGES ARRANGED

Inc Accommodation, car hire,
Flights and Insurance

UK SUPPORT

100% *Jumpstart*
Backed!

GREAT FUN!



Return
Flights to France
start
From £80
Return!

US FF Medal Winner

Steve Blincoe

is with us at Royan
for top FF coaching

CALL: 01322 557375

07802 472566

skydive@air-waves.co.uk

www.air-waves.co.uk

d e s i g n
t e s t i n g
s a f e t y

aerodyne

Should the day come that you need

Available in 10 sizes from 99 to 250 sq ft. The Smart is a chordwise con-
to use your reserve... be Smart.

structed 7-cell ram-air canopy with spanwise reinforcement. It is

Designed and tested to open fast and

the only reserve to incorporate radial reinforcement in

reliably. Flies like your main canopy.

the tail area. Certified for speeds up to 150

The Smart provides you a safe and

KTS in the TSO C23d category.

controlled landing in all situations!

Should the day come, be...

smart

aerodyne-int.com/sport

The Kit Store

The One Stop
Skydiving Shop



**Available NOW at these and any of our other
worldwide distributors.**

Council Election 2004

There is an election this year as 21 people have been nominated for the 15 seats on Council. Information on candidates and a postage-paid ballot card have been inserted in this Mag.

Please vote – the BPA is your association and this is your chance to have your say – the Council Members you elect are the Directors of the BPA. The results of the election will be announced immediately after the AGM.

Pay attention to the instructions on the ballot card, you need to follow them exactly for your vote to count. If your card is not filled in according to the instructions or is incomplete, it will be invalid. If you spoil your card, or if you need another one as you have a joint membership, call the BPA Office. Completed cards must reach the BPA Office by noon on

Wednesday 21 January 2004

New Ratings

CSBI

Rob Oakly
James Wilson
Mike Beeden
Russell Smith
Jim Weir
Richard Wiggins
Lauren Bannister
Ashley Hollick
Ross Sibbald
Douglas
McLelland

Accuracy Judge

Ruth Cooper
Karla Cole
Ted Payne
Frank Mallabone
Sue Waterfield

CF Judge

Sue Waterfield

Artistic Judge

Sue Skull

TBI

Richard Baldwin

CSI

Chris Southworth
Louise Hawkins
David Drewette
Jason Farrant
Andy Kille
Carl Jackson
Richard Parrott
Keith Davidson

Basic Rigger

Iain Anderson
Liz Ashley
Chris Clark
Phill Elston
Dave Major

Parachute Rigger

Louise Cliff
Steve Millington

Rigger

Examiner
Andrew Hilton

Advanced Packers

Rich Aveyard
Paul Hollow

FS Judge

Frank Mallabone
Elizabeth Warner

Pilot

Examiner
Phil Speight

BPA

Matters

by **Martin Shuttleworth** BPA Office

AGM and Dinner

The AGM, Saturday 24 January at the Hanover Hotel, Hinckley, starts at 10.30, followed by a presentation ceremony and afternoon seminars, details on the BPA website. There will also be an exhibition of parachuting kit and services. Show space (free) may still be available – contact the BPA Office. Attendance at the AGM is free and it's an ideal time to bring a non-jumping partner along.

AGM Info: www.bpa.org.uk

In the evening it's time to ditch the jeans and dress how your mum wanted you to, for the dinner and dance. Tickets for this splendid occasion are £22, call the BPA Office. Hurry, they're going fast!
Dinner: 0116 278 5271

Rooms, including breakfast and parking, are at special rates:

Fri 23 Jan £62.50 double/twin
£42.50 single person
Sat 24 Jan £77.50 double/twin
£62.50 single person

**Hotel rooms (quote BPA):
08457 444 123**

Insurance Increase

As mentioned last issue, a significant increase for the BPA's third party insurance is expected for the new membership year from 1 April 2004. The new figure is not known but a 30-100% increase has been forecast. We've been fortunate with relatively modest increases, compared with spiralling premiums for other policies post September 11*. We'll continue negotiating for the best deal but it looks clear that deeper pockets will be needed.

Christmas Holiday

The BPA Office will be closed on Wednesday 24 December and re-opens on Friday 2 January 2004. The BPA staff wish all members the compliments of the season.

2004 Nationals/Grand Prix Announced

The Competitions Committee has pulled all the stops out to get next year's Nationals and Grand Prix events sorted (other than the CF Nationals).

Dates and venues are on the inside back cover of this Mag and the BPA website. Sorry that two 8-way FS Grand Prix are on consecutive weekends, this is to enable British team VNE to support both events.

Rigging

A rigging course was run at the Rhine Army Parachute Association (RAPA), Bad Lippspringe, Germany, 3-7 November. Examiners Bill Sharp and John Curtis worked exceptionally hard and awarded eight new rigger qualifications. Everyone agreed the facilities and organisation made the journey very worthwhile. We even had time to visit Airtec. Cheap flights made the whole trip easy. Anyone interested in next year's course, contact Bill at: bsharp2440@aol.com



RAPA rigging course; John Curtis, Andrew Hilton, Bill Sharp, Roy Bannerman, Phill Elston, Liz Ashley, Ian Anderson, Dave Major, Steve Millington, Louise Cliff and Chris Clark (L to R, back row to front)

British Women's 4-way Team Selection



VMax have decided to take a well-earned break from competition and are not entering the World Meet in Croatia, September 2004. As VMax were the only female senior team in the 2003 selection Nationals, there is no second place team to be invited to represent us instead. Hence, the first 4-way Grand Prix event, Headcorn, 8-9 May, will be a selection meet for the 4-way FS British women's team. The highest placed female team will be invited to represent UK at the 2004 World Meet, entirely self-funded. Note this only applies to the women's team, the open team list ('open' to both men and women) has already been selected at the 2003 FS Nationals.



Setting a new **industry standard**

When we set out to design and engineer the Pilot, one thing was evident to us: With the international skydiving community realizing that landing accidents have become a major issue in our sport we needed to release a canopy with a responsible attitude. We were confident we could achieve this and still provide a fun canopy to fly.



Photos by Patrick Passe

Aerodyne's introduction of the Pilot eradicates the stress associated with poor opening characteristics and fear of landings. Each soft consistent and controlled opening brings a new level of acceptance to the term good opening and on final approach you are greeted by a comforting controlled descent rate while maintaining sufficient forward speed for a powerful flare.

The Pilot is a semi elliptical 9 cell designed for the intermediate and more conservative jumper. It is fun to fly with responsive toggle input yet easy to land in all circumstances. The Pilot is rapidly becoming the choice of experienced jumpers and instructors, as well as what they recommend to their novices and intermediate jumpers. The Pilot— setting a new industry standard.

triathlon

This is the canopy that set the canopy world on fire as seven cell canopies made their reappearance after some 10 years of absence. Virtually every major manufacturer raced against the clock to produce

something to compete against the growing trend and successes of the Triathlon. The Triathlon has been redesigned and refined since its inception. We utilize industry standard silicon coated zero porosity fabrics and proven construction techniques to produce the one thing that never changed...

Performance and reliability. Offered in CRW and RW versions the Triathlon is still leading the pack when it comes to 7 cell performance.

Available NOW at these and any of our other worldwide distributors.

The Kit Store

The One Stop
Skydiving Shop



aerodyne
www.aerodyne-int.com/sport

Flight Test: Safire 2

There has clearly been a lot of work put into the design of this canopy and it is most definitely one to consider. For the intermediate pilot, the Safire 2 is lovely. It has a long control range which provides a comfortable feel throughout the canopy flight, the ability to manipulate the wing at all stages, plus super high or low speed landings with poise and style. This is a canopy you will want to fly rather than letting it fly you.



High speed approaches give a powerful, forceful flare

Icarus Canopies launched their original Safire canopy in 1998, which they believe to be the first all purpose 9-cell canopy to include a lightly and truly elliptical planform shape.

Icarus followed the changing requirements of the customer base especially noting the increasing enjoyment of canopy flight. Realising that new technologies were making fun and easy long flares accessible to a wide range of people, Icarus Canopies went back to the drawing board and re-engineered a totally new canopy. The Safire 2 came to respond to those in search of a mid range canopy which was both fun and forgiving that would cover the segment left under the Crossfire 2. Joris van Drunen, European Sales Rep for Icarus Canopies said "Planform design changes were introduced which gave the canopy more cell pressure, therefore greater rigidity, and less drag which created more flare power". In early 2002 they launched the Safire 2.

Opening: eloquent

After a standard pack job and deploying in a symmetrical body position at terminal, you can feel the lines paying out, under an assured tension. This is then followed by a secure and assertive, yet almost delicate snivel before the canopy expands and composes itself in an eloquent manner. This opening sequence instills confidence throughout.

To make the next load, a slightly rushed and most definitely sloppy pack job put me in twists. However, despite the Safire 2 being a truly elliptical canopy it then sat there beautifully while I, almost elegantly, manoeuvred myself around and regained full control of the canopy.

Flight: calm and discreet yet boundless

Flying the canopy provided an air of joy that allowed for the pilot to be in full command of the canopy flight. It was clear from the outset that this was a canopy you would want to fly and not a canopy you'd allow to fly you. The long control range provided a comfortable feel throughout the canopy flight providing the ability to manipulate the wing at all stages.

This predictable characteristic generated a reassuring ambience of both comfort and confidence. The firm but comfortable toggle pressure allowed a calm and discreet, yet boundless canopy flight. Holding both toggles down to full arm extent, it still took a few seconds before there was any indication of a pending stall, highlighting the length of controllability. Rear riser pressure was particularly strong but then most pilots flying this canopy will be unlikely to use this control input very often.

Generating that extra speed, the canopy did not dive uncontrollably and the front riser pressures allowed the pilot to hold the canopy in. Releasing the front risers immediately saw the safety characteristics of the canopy coming into play, directly inducing its recovery without delay.

Who Jumps One?

Eric Schimmel

Dutch National CF Team Hilfiger

Florian Lacroix

Marketing Manager, Aerokart

Daniela Scheurer

Firebabes Swiss female freefly team

Brits:

Stuart Livett

Liz Warner

Laura McLoughlin

Ian Nicholson

Ben Dawson

Peter Dolbel

Danny Jessop



The Safire 2 is a canopy you want to fly, not a canopy you want to fly you

Landing: gentle

Again the long control range helped with the style and poise of the landing. Even slower speed approaches allowed a graceful landing with increased rigidity and low drag giving an endearing presence when touching down, running out of lift only right at the end. Despite the canopy recovering from a dive quickly, it was still fairly simple to generate that extra speed to really complement this canopy's landing. High speed approaches really do increase the strength of the flare into something very powerful giving the pilot a strong, forceful, yet simple feel as the canopy glides across the ground.

Suitable for: most

Icarus make the canopy in standard sizes ranging from 99 to 229. However their niche is that they will make them in whatever size you want, to the nearest square foot. So if you want a 112 Safire 2 then they will manufacture one for you.

For the more experienced novice or the intermediate pilot this canopy is lovely. As a first canopy, a larger size will give the grace that the Safire 2 portrays. With more experience a smaller size then allows more freedom in the air providing a greater range of manoeuvrability. For the more placid experienced pilot, again this canopy can hold its own. Yet while the canopy can be held nicely in a dive it also recovers very quickly. To that end, someone who wishes to generate speed in a slightly more radical form is probably not suited to the Safire 2.

There has clearly been a lot of work into the design of this canopy and it is most definitely one to consider. The Safire 2 is suitable for a large proportion of BPA members. This no hassle canopy is "offering the benefits of a 9-cell performance but without getting radical or requiring any special attention".

Al Macartney
alastair@macartney.co.uk



Even slow speed approaches allow a graceful landing



Side View

Safire2

9-cell, lightly elliptical, zero porosity

Manufacturer: Icarus Canopies

Aspect Ratio: 2.56

Sizes: 99, 109, 119, 129,
139, 149, 169, 189,
209, 229, custom sizes



Back View

VERDICT - Stars out of 10

Toggle Pressure	★★★★★★★★
Front Risers	★★★★★★★★
Glide Angle	★★★★★★★★
Forgiving	★★★★★★★★
Landings	★★★★★★★★
In Turbulence	not evaluated
Value	★★★★★★★★
Overall	★★★★★★★★

SUITABLE FOR

Novices:	★★★★★★★★
Intermediates:	★★★★★★★★
Experts:	★★★★★★★★
Extreme flyers:	★★★★★★★★

NB: The above is purely opinion and will change dependant on factors such as canopy size, wing loading and conditions. We have assumed wing loading of around 0.8 for novices and 1 for intermediates.

Photos: Dean Hoskins and 'Big Al' Allen

See Icarus website for recommended wing loadings and flight characteristics www.icaruscanopies.com



PERFORMANCE DESIGNS

KATANA

*Are you cut out
for Katana?*

On the horizon ... the sharpest 9-cell elliptical ever!

www.performancedesigns.com/katana

photo credits: Martini Shot Films/Peter Galli and Eli Thompson



Target Skysports

The UK's most progressive skydiving centre

Hibaldstow Airfield, Hibaldstow, Brigg, North Lincolnshire

Office Tel/Fax: 0113 250 5600

info@targetsky.demon.co.uk

Drop Zone: 01652 648837

www.skydiving.co.uk

Skydive Algarve

Winter Boogie Sat 20 Dec - Sun 4 Jan

Spring Boogie Sat 28 Feb - Sun 28 March

2 Dornier G92s flying to 14,500 ft

Coaching and organising for FS and FF

Competitive jump prices

(subject to euro exchange rate)

AFF whatever level, WARP coaching

Glorious blue skies

and sunny, warm weather

(see www.skydive-algarve.com)

**NIGHT JUMPS TO BE ORGANISED
THROUGHOUT WINTER MONTHS -
CONTACT DZ FOR FURTHER INFO**

Students....

Best AFF deal

RAPS & Tandems

Welcome 6 days a week

DZ NOW CLOSED EVERY TUESDAY

**Christmas closing Tuesday 16 December
to Saturday 10 January**

Hib Events Diary

April 10-12

April 17-18

June 25-27

June 26-27

July 10-11

July 31-Aug 2

Aug 7-Aug 9

Aug 14-15

Sept 18-19

Oct 30-31

Easter Bash

FS 4 way Scrambles Meet

Speed Skydiving World Cup

FS 8 Way Grand Prix
and POPS Meet

FS 4 Way Grand Prix

FS 4 Way British Nationals

FS 8 Way British Nationals.

Artistic British Nationals

Freefly, Skysurf, Free Style

Back up weekend for

British Nationals

FS 4 Way Scrambles Meet

Halloween 10 Way Speed

Further events to come. All dates subject to change.
Please keep checking website in case any dates have to be changed.

**SINGLE AND TWIN TURBINE
AIRCRAFT AVAILABLE FOR LONG AND
SHORT TERM LEASE.
PLEASE CALL LEEDS OFFICE**

TSVL COMING IN FEBRUARY

DZ SHOP

(walk-in & mail order)

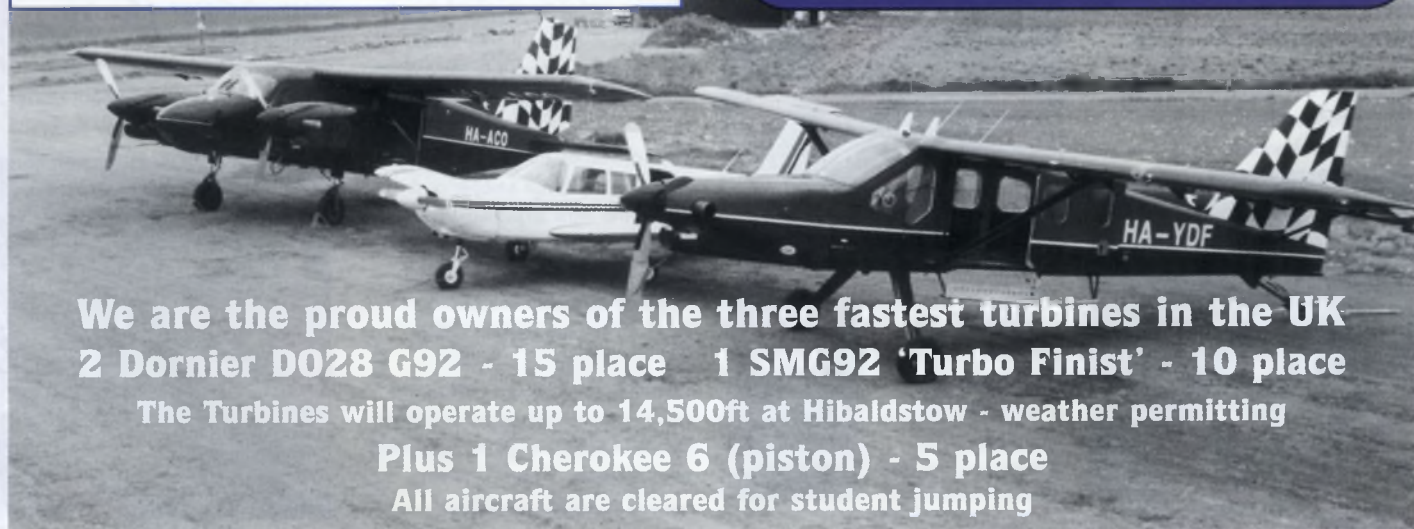
Bar & Canteen • Accommodation Block

Free Hot Showers • Huge Packing Hangar

Covered Creeper Pad • Team Rooms Available

Video & Camera • Downloading Booths

New games room and toilet facilities
to be ready for next season



**We are the proud owners of the three fastest turbines in the UK
2 Dornier DO28 G92 - 15 place 1 SMG92 'Turbo Finist' - 10 place**

The Turbines will operate up to 14,500ft at Hibaldstow - weather permitting

Plus 1 Cherokee 6 (piston) - 5 place

All aircraft are cleared for student jumping

Cutting AWAY



We all take cutting away for granted but just how easy will it be if you need to?

Rick Boardman tells us a few things about risers and cutaway systems, based on the confidential reports this year...

The Beginning

Back in the dark days, parachute systems were, to put it bluntly, a bit of a mess. Equipment had started out as military surplus, and jumpers literally took scissors to modify things whenever they had a bright idea! One of the first big hurdles in skydiving kit to emerge was how to get rid of a malfunctioned main before using the reserve.

The early popular way to release from a parachute was actually the Capewell, but this was not ideal for several reasons, mainly because you needed to put a fair effort into releasing from both left and right risers simultaneously, and you needed both hands to do it.



Various Capewell release systems

If you got one riser off ahead of the other, it could make the second riser release very difficult. These problems stemmed from the Capewell in its various forms being actually a device primarily for use on the ground, to prevent the jumper being dragged in high winds. The design gradually changed, and was tweaked by jumpers and manufacturer, but something radical and new was needed.



Capewells required a two-action release with both hands simultaneously

Enter Mr Booth...

In 1982, Bill Booth patented the 3-ring circus. It seems impossible today to imagine our kit without it. Compared to what went before,



Bill's simple looking assembly was a quantum leap. From two co-ordinated simultaneous jobs with both hands, releasing the canopy now involved one downwards pull with one hand.



The 3-ring system requires a single pull

The design appears simple but is actually quite cunning. I've got a mathematical model of forces within a 3-ring, which I only read when I'm feeling masochistic! Put very plainly, each ring set acts like a set of levers. When a standard riser is loaded to 600 lbs, it should only take between 1 and 5 lbs to extract the yellow cable from the loop.

Later, driven by jumpers' relentless desire for all things smaller and lighter, the mini 3-ring emerged. At the same time, the riser itself was reduced from a 3,600 lb Type 8 webbing to a thinner 2,500 lb Type 17. The new 3-ring system now had shorter levers, and therefore the loop was now pulled harder against the yellow cable. A 600 lb load on a mini 3-ring should mean between 2 and 6 lbs was needed to extract the cable.

What was attached to the risers was also changing fast. Newer, smaller canopies were emerging on the market, which were built with smaller lines, precision cut wings, and less forgiveness for mediocre packers.

Reserve Static Lines (RSLs)

Lots of fatalities over the years had been caused by people cutting away and then failing to pull the reserve, either at all, or until it was too late. Enter the RSL! A riser fitted with an RSL would pull the reserve for you.

All well and good with big risers, but modern small ZP canopies with microline and a habit of opening hard were usually fitted with those snazzy mini risers. A few risers actually failed and for the first time we referred to them as a 'fusible link.' It was a good job these risers had failed because, if they hadn't,



Mini 3-ring with RSL

the harness would have been next. It did make a lot of people nervous about that RSL though.

Two solutions emerged:

1 Strengthen the riser with additional tape built into the 3-ring section.

2 Reverse the whole riser, so that there is no need to have a grommet punched through the webbing.



Original mini 3-ring (0), strengthened riser (1) & reversed riser (2)

When you look at the amount of webbing left either side of that grommet, it's amazing how little holds you up! The latest specification for mini risers has yet another layer of tape built into the grommet area, to beef things up still more.

Soft Cutaway Housings

Soft fabric cutaway housings appeared on rigs several years ago, as an alternative to metal ones.



Soft cutaway housing

Briefly the 'must have' option, these started to fall out of favour when it was realised that they had two problems:

1 The fabric housings added extra friction to the yellow cables.

2 The housings didn't fully house the left hand cable at all. On most systems, the cable routed around the neck between the layers of the container. This made the length of that cable difficult to predict. Getting both cables to release together was not easy.

Within a few years of the soft housings peaking in popularity, there

was a flurry of hard housing retrofits and today soft housings are the exception rather than the rule.

Riser Twists

The new canopies continue to load mini risers up towards their limits, particularly on hard openings or fast rotating mals. A more recent discovery has been the effects of riser twists on the cable channels. As the riser twists and stretches under heavy load the cables can be gripped ever tighter.



Twisted risers can grip the cutaway cable

The industry solution has been to insert hard housings into the riser channels, and they do a very good job.



A hard housing insert in the riser channel



With hard riser channels, twisted risers no longer grip the cutaway cable

If you ever get a chance to see Mike Truffer's tapes or lectures on this subject next time you're stateside, take it.

Maintenance

Don't be afraid to occasionally cut away your 3-rings and flex the webbing before carefully and correctly reassembling them. This makes the action cleaner if you ever need them in anger.

Such maintenance should be done for you on each reserve repack, so put a note on your calendar for halfway through the six month pack cycle. Consult your rigger.

Food For Thought

Quite a few safety notices exist concerning risers. Next windy day, trawl through the file at your DZ, and see how many problems have occurred. I still occasionally find punters who didn't know they were using grounded risers.

Mini 3-rings are not easy to make. Different manufacturers 'do it their way'. The magic secret is to make sure that, as the riser comes under high load during a malfunction, it actually stretches *into* the right measurements, rather than out of tolerance. If the risers are not built correctly the pull forces to get a cutaway can be massive.

3 Bloke Test

You can play with the different pull forces under 'normal' flight and emulating high G forces, by setting up a '3 bloke test'.



A 3 bloke test mimics a cutaway under a 3G force similar to a malfunction

Get the rigger or CCI to show you how. Perfect for winter weekends!

All 3-ring systems need space in front of them, for the rings to pivot and flick through each other. If something gets in their way, like my head in the photo, nothing much happens... scary, ain't it?



3-rings need sufficient space to function



Severely twisted risers could potentially jam your cutaway system

And Finally

A low experienced jumper recently found himself under a main and reserve. The system had reversed risers. As the canopies started to separate, threatening to downplane, the jumper elected to cut away. He pulled the cutaway pad more slowly than normal and, as the main canopy released on one side first, it trailed behind him by the remaining riser. Being a reversed riser, even though the second cable extracted a second later, the rings were prevented from pivoting through by the shoulder of the jumper.



Reversed riser jam

Luckily, the jumper completed the descent without the semi-collapsed main fouling the reserve... Phew!

Merry Christmas.

Rick Boardman
ricksriggery@aol.com

Report any incident in complete confidence to:

Rick Boardman, 281 Ablington, Figheledean, Salisbury, Wiltshire, SP4 8JX

Phone/Ans 01980 670598
Mobile 07747 114602
Email RicksRiggery@aol.com

www.my-skyworld.com

The Online - Shop

Experience the newest full service online-shop in Europe with cool prices and fast deliveries!

Dealers welcome!

ALBATROS®

SKY WORLD

Phone : 0049-4195-99770 Fax : 997777 Email: sales@my-skyworld.com

Features
 Large inventory -
 ordering from stock list -
 product information -
 colouring tool -
 discount prices -
 video specials -
 hot offers -
 and more!

Jump in the sun this winter

FLORIDA'S HIGHEST SKYDIVES SKYDIVE SPACE CENTER

Calling teams, fun jumpers and students!

Winter special...

\$17 to 15,000 feet!
 \$22 to 18,000 feet!

World's fastest King Air,
 and Grand Caravan

Great views of Kennedy Space
 Center and Space Coast

Contact us for team rates

Free bunkhouse + camping
 for all visiting jumpers

Coaching and tunnel
 camps available

SKYDIVE SPACE CENTER
 www.skydivespacecenter.com
 skydivespacecenter@hotmail.com
 ph +1-321-267-0016
 fax +1-321-267-1311
 476 North Williams Ave
 Titusville FL 32796



Empuriabrava Accommodation



Tel: 00 34 649153239

Email: puigmal@gmx.net



So, you're not happy
unless you're head down
going Mach 2 with your hair on fire!

Well, we aren't happy unless we are building you the strongest toughest reserves that money can buy.

PD Reserves feature strength and toughness like no other Reserve on the market. Features like I-beam construction, along with span-wise and chordwise reinforcement make our Reserves the toughest Reserves out there.

Openings, flight and landings ... PD Reserves are Performance Designs canopies at heart. Responsive, predictable handling, excellent glide in deep brakes and outstanding landing. NOW Offering the new 106.

The Proof Is In The Performance

Some body positions (i.e. head down, stand up, and long dives) may enable the user to reach speeds and attitudes, beyond which your equipment has been designed and tested. Deployments outside of your equipment's operational limits could cause any/all of the following: extremely hard openings, equipment failure, severe bodily injury, ejection from the harness, or death.

 **Performance
Designs Inc.**

Performance Designs Inc., 1300 E. Int'l Speedway Blvd., Deland, FL 32724
(386) 738-2224 Fax (386) 734-8297 www.performedesigns.com

For Starters

Buying Your **FIRST** Rig

Buying your first complete rig can be the beginning of a new love affair!

Choosing your new rig can be the source of immense satisfaction

On the other hand it can also be a very daunting experience for even the most confident and assertive individuals

Anne Maxwell explains how to avoid pitfalls like buying entirely the wrong thing or ending up with the perfect set of gear but no money left to jump!



Most people buy their first set of gear on the advice of their instructor/rigger or friends, with their only personal practical experience being on student equipment, which can be outdated, worn and poorly sized. This article is not aimed at promoting specific rigs or canopies as I, like many people, jump sponsored equipment and would find it impossible to be impartial. Instead it is aimed at providing sensible advice to find a rig that is right for you and which doesn't break the bank. There are just as many stories of fantastic bargains to be found as there are horror stories about dinosaur gear.

Let the buyer beware

When buying gear it is important to be very clear about how much you have to spend. Stick to your original figure even when offered discounts and killer deals, as increasing it is a sure fire way to owning the latest cool gear but having no money to jump or to pay for coaching.

I recommend beginning with a sheet of paper and put the amount you have to spend in large numbers at the top. Divide the page in half and head one column new and the other used. Start with the new column and put in every piece of equipment that you would like to buy new and the price of each. Total the column. If you are inside your budget, fantastic!

If not, you need to decide which items you are willing to buy used. To give you some idea, a complete set of brand new custom equipment that includes main, reserve, rig and AAD will cost anywhere from £2,500 to £3,500 depending on the options.



As a student your rig wasn't made for you and may not have fitted very well; try on different rigs of similar sized people (ask first!) to find what you like

Main photos show Paul
Floyd over Weston,
taken by Andy Ford
Other photos by
Simon Ward



*Upgrade to matching kit only when you've a better idea
of which canopies & containers you like and your
improved skills mean less likelihood of grass stains!*

Factors to think about

The main points to consider when buying gear are:

1 Safety

Is the gear manufactured under TSO regulations by a reputable manufacturer? Each piece of equipment should comply with a Technical Standard Ordinance to ensure rigorous safety standards; this also applies to modifications of original equipment.

2 Performance

Will your equipment do everything that you want it to do? For example, is it freely friendly if that is your chosen discipline? I recommend buying from a company with a good research and development programme. This means that products are continually being updated and problems quickly modified. Cheaper copies of established equipment have only one advantage – cost. Copies tend to be made with cheaper materials and labour. Because they are copies, they tend to have less understanding of the exact measurements that change the overall safety and performance. In a small specialist market, I believe original creativity should be rewarded with sales.

3 Exactly fitted

With rigs this means to fit your body size and shape. Find someone who is your size and jumps canopies of similar magnitude; ask to try on their rig (most people will not object). Ask their opinion of their rig (most people will have a very definite opinion). You will find that some rigs feel more comfortable than others. When choosing canopies decide on a good size for immediate use.

4 Price

Whilst an important factor, this is not top of the list. If money is no object I highly recommend buying top of the range, no holds barred, with all the bells and whistles. Why not? If like most people you are on a budget, choose wisely. A good piece of used equipment by one of the top manufacturers is usually a better investment than brand new by a smaller obscure company. Why would you want to save a few hundred pounds on that new reserve from Azerbaijan that no-one else has ever heard of?

5 After sales service

It is rare to buy a piece of equipment that never needs altering, re-lining, re-calibrating, patching or an infinite number of other possibilities. It is essential to be able to do so quickly, easily and cost effectively. Your local rigger should be able to take care of most of the work for you on any well known piece of equipment. Your local dealer will have strong opinions on which manufacturers

have good after sales service and, even more importantly, which do not. This may not seem such a significant point but remember, if your equipment needs maintenance due to an error during production or wear and tear, you won't be able to jump without borrowing or renting equipment.

6 Re-sale value

This depends on two main factors:

- The make and model of the equipment. It is a fact that some brands hold their value better than others. Check out sales websites and compare prices of used equipment. It will be easy to spot the brands which are the best investment.
- Maintenance. Look after your equipment and it will keep its value. This means storing it in a cool, dry place when not in use. Pack in a shaded area with non-abrasive flooring (use a packing mat). Adhere to the 6-month repack and MOT.

If you buy with the above advice in mind it is possible to get a good piece of used equipment, put 150 jumps on it and sell it for roughly the same amount as the purchase price.



*If you buy wisely you can get a good piece of used
equipment, put 150 jumps on it and sell it for
roughly the same amount*



Buy the perfect canopy for you NOW and you'll enjoy your jumps more

Where to buy

There are many options; local dealers, telephone, web-sales, even your DZ instructor/rigger and all of their mates seem to have a piece of equipment with your name on it. By all means shop around to gain a good idea of the price range for each piece of gear. You may be shocked that almost every piece of equipment can vary greatly in price for exactly the same item from different sources.

The main options are as follows:

Local Dealers

✓ Pros

They tend to be experienced skydivers and can provide a wealth of free technical advice. They will measure you accurately and make sure that you end up with a good piece of equipment that is safe for your current level of experience. They are local, so they will be easy to reach for any problems that can arise. It is extremely unlikely that you will be sold a piece of unsafe or shoddy equipment or that you will be ripped off, as any dealer who was known for sharp practices would not stay in business for long.

✗ Cons

They are rarely the cheapest source so if you are looking for bargain basement gear this may not

be the place to shop. There can also be a tendency to partisanship as they are often loyal to particular manufacturers and will push their products; this can be due to personal sponsorship for the owner of the store.

Telephone, Web Sales

✓ Pros

Price. With very little overheads and big sales they can usually sell cheaply. They usually have a wide range of goods on the shelf, ready to go, so if you have a credit card you can instantly buy any product that you can afford.

✗ Cons

If you have a credit card you can instantly buy any product that you can afford. You are unlikely to be questioned about your experience level or the fact that you are buying a small elliptical canopy with only 75 jumps under your belt. Some sales staff are not skydivers and may lack technical expertise that is often sorely needed when purchasing your first piece of equipment. Beware of hidden costs, such as post and packing (plus shipping time) and, if buying from overseas, add in 17.5% VAT. Remember to check whether purchases are final as after sales service could be non-existent.

Classified Ads

✓ Pros

It can be the best place to find a bargain if you know what you are looking for.

✗ Cons

It can be the best place to get ripped off if you don't know what you are doing.

Instructor, Rigger, Friend

✓ Pros

They know you and will have a very good idea of the best equipment to suit your current experience level. They are unlikely to sell you unsafe gear.

✗ Cons

Most people lose their objectivity when they have a financial interest in the product they are selling. If you are thinking of buying a rig from a friend get an outside perspective and valuation.

Rigs

Buy a size that fits your current canopies, even if you think a smaller size looks more attractive. A small rig with bulging canopies looks ugly, can be unsafe and is a nightmare to pack. Get yourself measured professionally and only buy a rig that is the correct size. Check it is safe for the type of skydiving that you are interested in. If you are buying used gear the rig is the perfect piece of equipment to buy slightly older than any other. A good rig in favourable condition can often be picked up for half price or less and will hold its value well. They are built to last.

The rig is sold with handles, main risers, deployment bag, pilot chute and the reserve free bag and pilot chute. It is a good idea to check that nothing is missing.

Reserve

Buy from a reputable manufacturer; this is not the place to save money. Buy the largest reserve that will comfortably fit in your rig. The size should not differ greatly from your main. If you buy a used reserve, do not be put off by a canopy that has been jumped a couple of times. They are built to withstand hundreds of jumps and at least you have the comfort of knowing that it works. Always have it thoroughly inspected by a rigger.

Main

Buy the perfect canopy size and model for your current experience level, **not for where you hope to be in 100 jumps time**. If you buy with the future in mind, when you need a canopy right now, you may end up with 'gear fear'. If that smaller elliptical would be perfect in a hundred jumps' time, buy it then; you will have fewer heart-stopping moments, less fear of the canopy ride and are more likely to have two legs in good working order!

Ask your instructor/rigger/friends to recommend several makes and models to help you decide. I highly recommend buying a zero porosity canopy (porosity refers to the amount of air that can move through the fabric of the canopy), as it is more forgiving if you flare too high or low. Also after 600+ jumps it can be re-lined and will perform as good as new. Zero-P also has good resale value as it can easily accommodate a couple of thousand jumps.

Canopies made out of F-111 fabric are outdated as mains (the reserve is always of F-111). They become porous much more quickly, which can make for harder landings and less performance. After about 400 jumps the canopy is virtually worthless. Do not be lured into buying a cheap set of gear with an F-111 main, this is no bargain.



The AGM in January is a great place to talk to dealers and manufacturers, see page 18



If you intend freeflying ask a rigger to make sure the rig is suitable, this especially applies to used gear

When buying a used canopy look for one with only a couple of hundred jumps or a recent re-line (or be prepared to splash out on a re-line yourself). This is your main and you want a canopy that retains nearly all of its performance.

AAD

The current products available new are the Cypres, Cypres 2 and the Vigil. Check out all of the specifications and, more importantly, the price and additional costs of after sales service. Batteries and full service checks can add up to hundreds of pounds.

The most common AAD available second hand is the original Cypres. In addition to the basic price, the batteries need replacing every two years (£50), and a service check is required every four

years for the first eight years (£150) and every two years thereafter. The unit finally retires aged 12. If buying used, beware of the seemingly cheap Cypres unit that is three and a half years old, it will very shortly require its first 4-year service. You will then be £150 lighter and own a Cypres that is four years old.

In summary

Read the hot tips, get advice and choose carefully. Do it right and you will probably fall in love with your purchase. You may even need to buy a new king-size bed to fit you, your spouse and your new container!

Anne Maxwell
annemaxwell1000@hotmail.com



Hot Tips:

- 1 **Ask for discounts.** Most dealers factor in a discount. If buying a complete set of gear new, it is worth asking for something free, ie, gear-bag, packing mat etc. The mark-up on gear is fairly impressive, with manufacturers often making the least profit. Most sales prices are pretty flexible especially if you have done your research and can honestly quote the same product cheaper somewhere else.
- 2 **When buying used gear, bargain hard.** The price will usually be as flexible as the stated number of jumps on the equipment.
- 3 **Buy the big items from your local dealer, direct from the manufacturer or a website with a full refund policy** if you're not satisfied for any reason. (Bear in mind that unless you return the goods for a legitimate reason, you will incur the postage). By all means buy smaller items through tele/websales.
- 4 **Have every piece of used gear checked** thoroughly by a rigger or instructor with no financial interest. They will be able to confirm the condition and value of the equipment very accurately.
- 5 **Watch out for sales of demo rigs** by manufacturers. You can often pick up top of the range equipment a year or so old at bargain prices. Call the manufacturer direct or check out their websites on a regular basis.
- 6 **Avoid classified ads until you have a thorough knowledge of the sport** and even then be very cautious. If the bargain seems too good to be true, it probably is.
- 7 **Research.** Check out websites, ask instructors/riggers/friends to inform you as much as possible about the type of equipment that you need and a rough idea of how much you should expect to pay. Ultimately you are responsible for your final purchases.
- 8 **Be prepared** that your new rig will become your new baby for a period of time, and that you will spend countless hours with your new purchase to the exclusion of your friends and family!



SEE ALSO

www.skydivemag.com

Buying A Rig

Cornelia Waymouth
December 1996

Head-up Flying

Giles Fabris
August 2000

Cat 8 - What Now?

Lindsey Ashwood
February 2003

BirdMan[®]

WWW.BIRD-MAN.COM

Pride

Anticipation

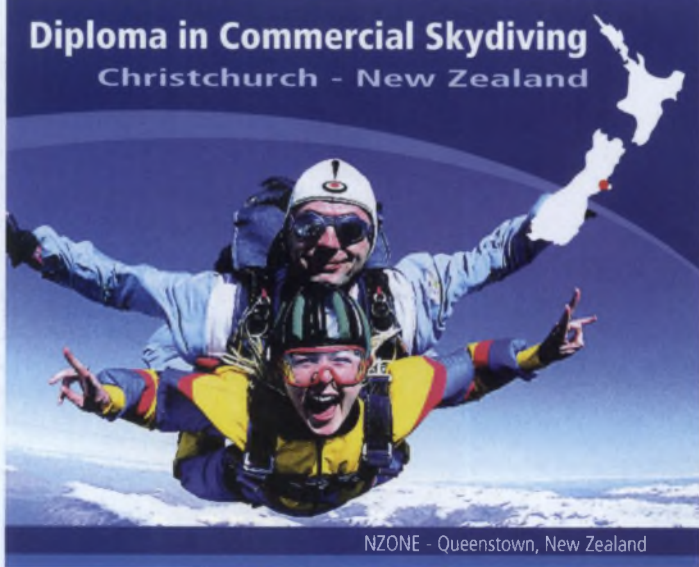
Gluttony

RISE ABOVE

1665 N.LEXINGTON AVE. STE 103
DELAND FL. 32724 USA

TEL: +1 386 785 0800 FAX: +1 386 785 0080

Diploma in Commercial Skydiving Christchurch - New Zealand



NZONE - Queenstown, New Zealand

- Approved by New Zealand Qualifications Authority (NZQA) & Ministry of Education
- 32 week course
- Includes 200 skydives
- Course cost in New Zealand dollars (check the exchange rate!)

Check out this exciting career option in New Zealand, the Adventure capital of the Southern Hemisphere.

For information on the diploma visit www.skydiving.co.nz

Christchurch Parachute School Ltd
PO Box 16625, Christchurch, New Zealand
+64 3 343 5542 info@skydiving.co.nz

CASTELLON 2004 Skyvan Spain

✈ Skyvan
LX-GHI

FS and FreeFly
load organization

French FS
national teams
training

ⓘ D licence required

.. And the spanish weather...

Eric Claudel // Loic Jean-Albert

January 24 to February 08
www.lapalisse-aero.com

learn to skydive in New Zealand

Cat 8 equivalent for under £1100*



www.skydive.net.nz
aff@skydive.net.nz

SLT SKYDIVE LAKE TAUPO

*Currency conversion of NZD 0.33 applied

corners can KILL

Stay safe



Hans Berggren

We skydive for fun. Yes, it's a risk, but we take time to reduce this risk to an acceptable level. That's why we spend lots of money on AADs, reserves, quality containers and high performance wings. That's why we pull above 2,000 feet and many considerably higher. That's why we have training and a multitude of safety checks.

Unacceptable Risk

So why then, wherever I watch canopies land, on almost every load, do I see people compromising this level of acceptable risk? Do these people have a death wish? Or do they just not know? Do they really not know what they are doing?

Landing Turn

It has become not just fashionable but exciting and fun to make a turn before landing. I love making my slow carving turn, generating that speed and feeling the adrenaline flow as you rip up the surf across the drop zone.

Allow Altitude for Natural Recovery

The turn generates speed that we further convert into lift on landing. To do this safely we must make the turn at an altitude that

allows the canopy to recover from the dive on its own accord. To require toggle input to pull the canopy out of the dive is not only inefficient, negating the need to make the turn in the first place, but it is also poor piloting and dangerous.

Ideally, Land Without Toggle Input

The more toggle input you need to induce an early recovery the greater the inefficiency and the smaller the margin for error. Eventually there will come a time when you won't be able to use the toggles to recover because you're too low; instead, if you're lucky, you can use your snapped femur to help slow you as you plough a ditch across the DZ.

Are You Turning Too Low?

Most people that make a turn understand these basics; they know and appreciate the added risks; too low is a no go. Yet many don't realise that they are consistently making their turn too low. There are too many jumpers out there making a turn, even a slight turn, which then needs input to recover.

www.bpa.org.uk

Click the 'stay safe' button for canopy info

Corners Kill

So let's leave some room for error and keep out of the corner. We're aiming to find the *highest* altitude that we can make our turn, not the lowest. I guarantee that if you can do this then you will have safer, more enjoyable and more efficient landings.

Coaching Cures

So next time you jump, consciously think, is your canopy recovering on its own? Does it require input? If you don't know then ask someone to watch you – or get some coaching. We pay for coaching in FS and freeflying so why not for canopy flight?

Watch and Learn

Go and watch a couple of lifts landing, and I guarantee you'll see swoops requiring toggle input to recover. Ideally take a good canopy pilot out with you who can assist in debriefing what you're watching. Videoing landings to watch later is useful too, your own and others.

It's impacting with the ground that kills, so learn how to fly relative to it safely, so you live to do it again.

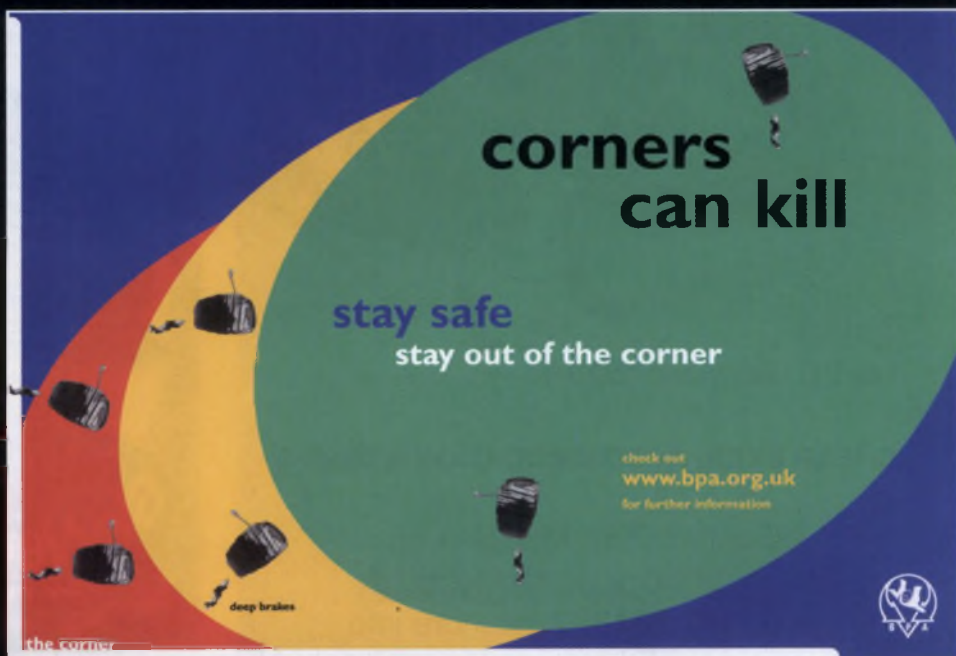
Alastair Macartney

alastair@macartney.co.uk

The ideal swoop turn is in the green zone where the turn for landing is initiated sufficiently high that the canopy will plane out on its own.

Canopies turning lower in the amber zone require toggle input to pull out of the dive. Such high speed landings may appear well-executed to the untrained eye but are inefficient and potentially dangerous.

Sooner or later, people who fly in the amber zone will stray into the red zone, where they have turned too low to recover before hitting the ground, however much toggle input they use.



The Kit Store Ltd

Everything for Christmas Pressies
and Stocking Fillers

Eyes in the Sky



Photographs by Patrick Passe & Wendy Smith

We are the sole UK
distributors for

Eyes in the Sky

a large format book of
wonderfully evocative
photography and words by
master freefall cameraman
Patrick Passe. No skydiver's
coffee table is complete
without one.



Performance Designs • Sunpath
Chute Shop • Icarus • Thomas Sports •
Aerodyne • Parachutes de France •
Bonehead • BirdMan Suits • Larsen &
Brusgaard • Airtec • Symbiosis Suits •
Time Out • Sky Systems



"YES we mail order too"



Call, fax or email
Rob Colpus
for help or a brochure
Or drop in to the Kit Store at
Headcorn DZ at any time

Patrick Passe's 92 minute **CROSSWIND DVD**

Extreme swoop, fab freefly, stunning skysurf
Extra scenes, out-takes, scene selection

Headcorn Airfield,
Kent TN27 9HX

Tel: 01622 890 967

Fax: 01622 891 236

symbiosis.suits@btinternet.com
www.thekitstoreltd.co.uk

Get down to Karlovy Vary

For a great boogie in this beautiful area
of the Czech Republic



Dates

14-20 August 2004

CHEAP BEER, ACCOMMODATION & JUMPS

Contact Pete Marsden on
pete@boogieclub.co.uk
or **01932 701321** for more info

WE TRAIN CHAMPIONS!

An entire range of programs for
jumpers who have thousands of
jumps or those who have
not even made one!

One-on-one wind tunnel training for new
and experienced skydivers by
World Champions Arizona Airspeed.

Pre-AFF instruction, Basic Camps,
Advanced Camps and 4-way Camps
available at SkyVenture.



Book your slot
online now at
www.TunnelCamp.com

info@skydivepointzero.co.uk
www.skydivepointzero.co.uk

Point zero
Where Skydiving Starts

All leading containers, canopies & accessories.
Rigging services & specialists in canopy artwork and display flags

in stock now
Electra, Springo & Techno canopies



Picture taken from the new Bruno Brokken
book EXIT available now at Point Zero

t: 01980 844130

**Skydiving &
Sport Scuba Diving Medicals**

£35

Dr Margaret Clamp
Lowdham Medical Centre
Franklin Road, Lowdham
Nottingham NN14 7BG
Tel: 0115 9663633 Mobile: 0780 2850084
Email: mclamp@doctors.org.uk



FREEOLOGY

extreme silence.com

**D
E
S
I
G
N
E
D

F
O
R

F
R
E
E
F
A
L
L**

Time-Out

Audible Altimeter



IN STEREO
EXTRA LOUD SOUND
IN BOTH EARS

Extension cable available from your local dealer
or direct from

www.skydivetimeout.com

Tel / Fax: +44 (0) 1992 715 244
Email: info@skydivetimeout.com

Kit News

by Rob Colpus



X-Treme Mod

Visual Audible!

Alti-2 Inc, the Florida company which brought us one of the all-time favourite wristmount Altis – the *Alti 3*, has now gone the next step with the *Neptune* – a multi-function visual/audible/data processor.



Alti-2 tell us that the *Neptune* was designed in response to requests from pond swoopers who wanted a waterproof altimeter, AFF instructors wanting a digital read-out, and jumpers who wanted an easier way to program their digital instruments.

The resulting *Neptune* is a unit of the same size and shape as Larsen and Braggaard's ubiquitous *Pro-Track*, which may be fitted into a helmet's audible port or worn on the back of the hand as a visual alt. It sports a plastic case available in eight colours and a large back-lit LCD display and is waterproofed down to a depth of six feet.

Four groups of three alarm altitudes may be preset by the user to cater for different types of jump – FS, AFF, tandem, etc, etc. The *Neptune* automatically switches between four modes – ground, aircraft, freefall and canopy, and the display configuration changes for each.

The little unit uses one commonly available CR2450 battery, and the LED visual display can be electronically flipped to allow a handmount to be worn on left or right hands. Alti-2 are particularly pleased with their menu-driven user interface, stating that their baby is easy to program and use – you don't have to be a techie (that's a relief).

Software updates will be available from the company's website, so there'll be no need to send your unit back to them for updates.

If that were not enough the *Neptune* also functions as a logbook with storage for up to 200 jumps which may be edited in situ. Logbook data may be downloaded to a PC via an industry standard infrared link – (and if you set it right it'll probably phone ahead and get you on the first lift).

www.alti-2.com/neptune

Once upon a time two parachute companies – Precision Aerodynamics and Icarus Canopies, were the best of friends who clubbed together to build the Icarus range of mains, including the *Extreme VX* and *FX* cross-braced pocket rocket tri-cells.

However this happy little arrangement came to an acrimonious end about two years ago when they parted company under a storm cloud.

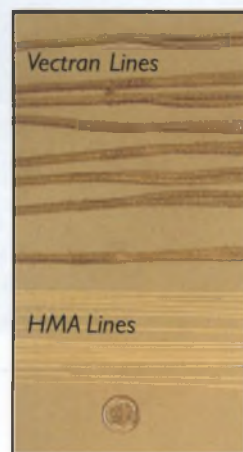


Precision went back to playing with their own toys, and Icarus carried on alone building the *Extreme VX* and *FX*. With their recent history in mind it can't then have come as a pleasant surprise to the Icarus team to learn that their old mates Precision are now offering a major mod to the Icarus *Extreme VX* and *FX* which they claim greatly improves the performance of the canopies.

The modification known as the *X-Mod*, consists of replacing the stock Vectran line set with non-cascaded HMA lines, re-trimming the canopy, replacing the stabilisers with a proprietary design, installing a new slider with lighter brass grommets instead of the stainless steel ones, and fitting a new set of Precision soft links.

Precision calls its stabiliser design *Stabilib* because it integrates the stabiliser with the end rib and improves the efficiency of the end cells by loading the stabilisers.

HMA (High Modulus Aramid) lines typically last twice as long as Vectran, and making them continuous with no cascades reduces chord-wise distortion of the aerofoil. Vectran lines were originally chosen for these ultra high performance canopies because Vectran doesn't distort or heat shrink like the more common Spectra, but is however less resistant to abrasion. Vectran lines can show considerable wear after as few as 200-300 jumps. High Modulus Aramid lines however have the dimensional stability of Vectran with the durability of Spectra with re-lining recommended at 600-700 jumps. They also have a smaller diameter than Spectra thus reducing drag. HMA lines don't have the clean white look of Spectra however and packing them is apparently like trying to pack cooked spaghetti.



Lighter weight brass grommets slide down the lines more smoothly than stainless steel ones which were brought in some years ago to combat the denting received when hitting metal links but, with the now universal use of soft links, brass is making a comeback.

Precision claim an improvement in the overall performance of the *Extreme* with better, softer opening characteristics, better glide, longer surfs and a stronger flare. The *X-Mod* is almost twice the price of a standard Vectran reline, but of course comes with new stabilisers and slider. After the initial mod though, subsequent ones are around the same price as a Vectran change, and of course you're gonna get twice as many jumps out of HMA.

Okay Icarus – over to you.

www.precision.net

Born Again Ninja

In July 2002, Parachutes de France decided to ground all *Ninja* main canopies when more than one *Ninja* pilot almost became a kamakazi pilot after experiencing a scary partial collapse. Fortunately none of these incidents resulted in an injury but the company took the prudent, yet expensive, option to remove the design from the market until a reason could be found and a solution worked out.

However, due to a radical shake-up of staff at PdeF the people who designed the canopy no longer worked for the company, so they had to wait for the formation of a new R&D department to start working efficiently on the *Ninja* problem.

During the autumn 2002, a first series of trials was carried out which allowed them to identify the causes that could lead to the collapse of the canopy in certain situations. Then, at the beginning of January 03, they started to work on the canopy's trim. This process plus field testing finally resulted in a

Ninja 2



new trim that PdeF claim has considerably increased the canopy's rigidity, improved its performance and totally solved the potential collapse problem.

Two other mods were to open the nose a little, and change to non-stretch Vectran lines.

PdeF claim that the *Ninja2*, which is a cross-braced design, is now very solid in flight. They classify it as a radical and fast

canopy for skydivers who want a bit more performance than the benchmark *Stiletto* stable of ellipticals without going the whole hog and opting for the radical end of the cross-braced tri-cell market such as the PD *Velocity* or *Icarus Extreme*.

They also claim that the *Ninja2* now opens like the company's *Electra* main, ie – softly and on heading (now where have I heard that before?).

www.parachutes-de-france.com

X-Rated

Another French company have entered the very competitive main canopy market with the release of the *X-Fly*. Parafun, who up till now only manufactured the *Advance* harness-container system, are offering the *X-Fly*, a nine cell elliptical zero-P main, which fits into the niche presently occupied by the *Stiletto*, *Crossfire* and *Springo* to name a few.

Parafun tell us that they've carried out extensive R&D, along with other (mysteriously un-named) partners. They have taken time to make over 1,000 test jumps with their new concept to prove that their new (mysteriously unexplained) ideas were correct. Like all the others Parafun are claiming the usual good toggle response, great swoop, loads of lift, fantastic landings and... here it comes again... soft, on heading openings.

The *X-Fly* is available in six sizes from 90 to 170 square feet.

www.parafun.com



Auriana Beate

Out of Control!

Performance Designs, one of the most respected canopy manufacturers in the world has felt it necessary to issue a press release on the subject of 'Control System Malfunctions'.

PD were prompted to do this by a spate of incidents where unstowed, or incorrectly stowed steering lines have caused malfunctions which have resulted in serious injury or death. Within their press release PD make it clear that they do not themselves manufacture either toggles or risers, these being part of the

harness/container system, but claim that numerous incidents occur worldwide because the packer has not securely stowed the excess steering line after the brakes have been set. They give several examples how this excess may be stowed safely. They also point out that the toggle itself may in some cases be stowed incorrectly by passing it around the riser or by looping through itself causing a total jam-up or excess friction on the steering line.

The full text plus pictures and diagrams may be viewed at:

www.performancedesigns.com/education.asp

Click *Control Systems Malfunctions* information sheet in *Articles*

come and jump the beast

Umm Al Quwain (Dubai)

Dates

11-19 March 2004



**Package cost
£895.00**

to include:

- Return airfare, transfers
- 8 nights accommodation at Bin Majid Beach
- Resort with breakfast and evening meal

PLUS 15 skydives from An12
FS and Freely coaching available
Great weather, great vibes,
lots to see and do, extra days possible

Contact Pete Marsden on pete@boogieclub.co.uk or **01932 701321** for more info



Home of National and International Medal Winners

Super Otters all year
CASAs



WWW.FLORIDASKYDIVING.COM

For Licensed Jumpers
High Altitude, High Speed and Night Jumps
Regular Balloon Jumps
RW and Freely Load Organising 365 days a year
Freely and RW Coaching / FS1 Training

For Students
International Instructors
Tandems
Accelerated Freefall



CALENDAR OF EVENTS 2003 - 2004

Closest DZ to the Sky Venture Wind Tunnel and the World's best partying in Orlando and Ybor.

December

- 12th - 14th U.S. Team C.R.W. Camp
Beginner & Intermediate
20th - 23rd Freely Camp with Steve Blincoe
20th - 4th Christmas Boogie
25th Christmas Dinner
27th 10-Way Speed Star
28th 8-Way Scrambles
27th - 4th U.S. Collegiate National Skydiving Championships
31st The "Most Outrageous" New Years Party

January

- 7th - 11th New School of Flight Freely Camp
10th Night Jumps
17th - 19th Strong T.I.C.C. Course
21st - 25th Great White North Boogie
23rd - 25th US Crew Team Camp
Beginner & Intermediate
30th - 1st New School of Flight Coaching & Tunnel Camp

**NATIONAL COLLEGIATE
SKYDIVING CHAMPIONSHIPS**
Dec 27th - Jan 4th 2003

"Where competition begins....."

4-Way 2-Way Sport Accuracy Freefall Style Freeflying Accuracy

February

- 7th Night Jumps
12th - 15th New School of Flight Freely Valentines Day Camp
Accuracy Competition
14th Valentine Tandem Specials
21st - 23rd Strong T.I.C.C. Course

March

- 6th Night Jumps
10th - 14th New School of Flight Freely March Madness Camp
22nd - 28th Pops SpringFeast

April

- 3rd Night Jumps
3rd - 12th Easter Boogie
U.S.P.A. AFF Instructors Course
New School of Flight Freely & Tunnel Easter Camp

May

- 12th - 16th New School of Flight Freely Spring Camp



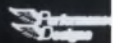
Florida Skydiving Center 440 S. Airport Road Lake Wales FL 33859
www.FloridaSkydiving.com / info@FloridaSkydiving.com
Tel 00 (1) (883) 678-1003 Fax 00 (1) (883) 678-1409

WHAT ARE YOU DOING JULY 2004?



Don't miss the **11th Hercules Boogie** on the **24th to the 31st of July!**

The Hercules Boogie is organized in co-operation with the Swedish Air Force and the Special Forces Corps since 1982. We are offering you a high quality Boogie with the **best organizers** from all over the world at your service. For **good quality** and **safe skydiving** a minimum of 300 non-student jumps are required to participate. Freeflyers will need a minimum of 600 jumps. Only groups of eight or more are able to manifest. The number of slots are limited to a maximum of 600. - Get your slot today!



Don't read about it in August
- Experience it in July!

To pre-register, send 650 SEK to Swedish postal giro account 400755-5, (Denmark BG Bank 0031771, Finland SAMPO 800016-70844225, Norway DNB 7877.06.90209), Hercules Boogie-04, Box 31127, SE-400 32 Göteborg, Sweden, or International Money Order. Alternatively, pay at our web site www.herculesboogie.com. Always include your name, address and e-mail. No refund after May 31st except for Force Majeure. Registration after May 31st or at the Boogie will cost 850 SEK. Check-in begins on Friday, July 23rd. Exit altitude: 4000 m. A jump cost 180 SEK (approx. 19 Euro), no extra will be charged for organized jumps which also includes video. After your payment, please register your preferences and what sort of jumps you expect to do together with your qualifications, so we can prepare the groups and organizers in advance. any questions? info@herculesboogie.com

www.herculesboogie.com

The **First** **WORLD CUP** in **CANOPY PILOTING**

Swooping is probably the fastest growing area of skydiving – a spectator-friendly discipline requiring skill, practice, dedication and a resilient backside!

Swooping has now been sanctioned by IPC, and so the first World Cup of Canopy Piloting was held at Perris Valley, California, on 24-27 September. The UK was well represented at the event with Michael Holmes, Chris Lynch, Alastair Macartney, Brian Vacher and Gary Wainwright all swooping hard to represent us.

Warm-up

Many arrived the week before the meet to suss out the course and size up the competition. The Brit contingent was hard at work and looking good. The Japanese boys definitely earned the training award though; they lived at Perris for two months learning about swooping just for this meet.

Opening Ceremony

An amazing opening ceremony saw 64 competitors from 13 countries marching with their support teams. We were all treated to displays of jets breaking the sound barrier, incredible aircraft aerobatics and synchronised swooping from the PD Factory Team. Surprisingly, only one canopy manufacturer was represented in an official capacity – Performance Designs who had a stand there and sponsored the prizegiving party.

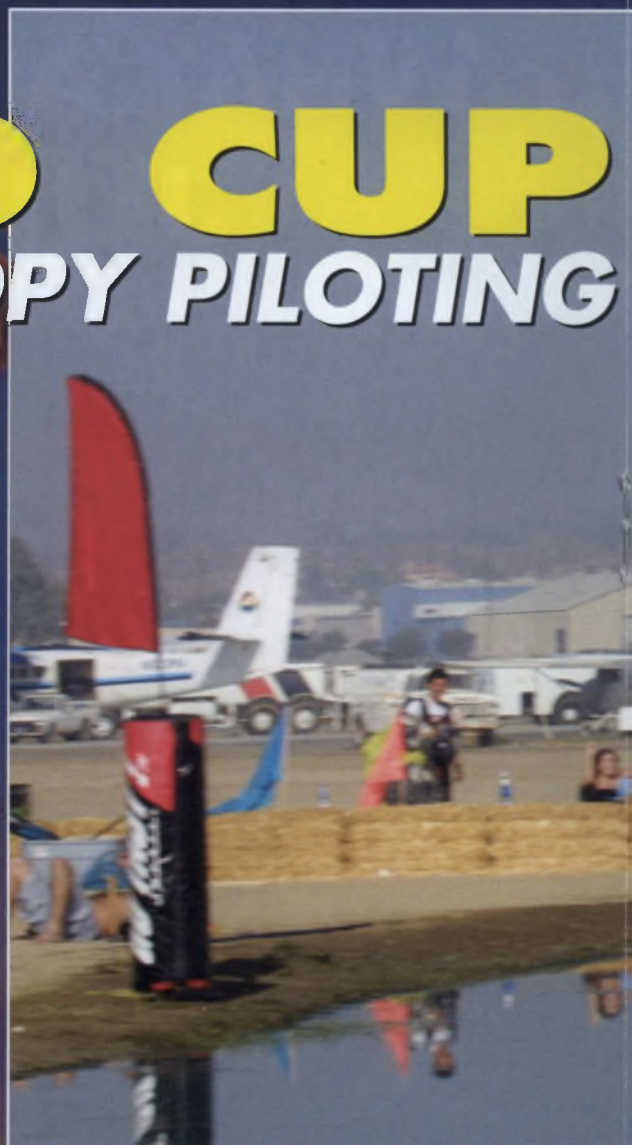
Qualifying rounds

This was also a show for the spectators, with commentator Harry Parker, flown in from Florida and DJ Andy (Joey Jones's brother) entertaining the crowd the whole time. Kicking tunes interspersed with Harry's unique style of commentary kept the spectators amused whilst they enjoyed the sun, supped free Go Fast drink and watched the swoopers.

The swoop courses were built over an incredible custom-built pond measuring 200 by 200 feet. There were two classes in the competition, 'ultra' and 'standard'. To qualify the pilots had to fly through 10ft high entry gates then fly clear through a 185ft left hand carving course of gates 30ft wide before touching down. To score an entry gate successfully, some part of the competitor's body had to be below the tops of the vertical markers that formed those gates; if the pilot failed to achieve this they were given a penalty due to 'vertical extension'.

The course had to be completed successfully four times to qualify for ultra and three times for standard, with a maximum of six attempts. The standard class would only compete in speed while ultra class competitors entered the three events of speed, distance and accuracy. Our boys got off to a good start with Chris, Al and Brian having four clear rounds. Gary and Mikey provided nail-biting action for the Brit supporters; Gary missed a gate and Mikey missed two. Both had two more tries to get into ultra and to our relief both made it.

Of the 64 competitors, 51 qualified in ultra, seven in standard, four did not qualify, one withdrew and one hurt an ankle. Most who flew consistent safe approaches had been training at Perris just prior to the event.



Drew Lipinski





Chris Irwin



Francisco Neri

Speed

Thursday

The speed course was 220 feet long with 10 feet entry gates; competitors had to fly through the course as fast as they could. The three rounds were different, starting with a right hand carving course, followed by a straight one and finally a carve to the left.

With the Brit team mixed on loads 2 and 3, there was plenty of time to watch the first few jumpers down. With the lower temperature and damp air, it was clear that first thing in the morning the conditions were not the most favourable. Some competitors on the first load fought hard to fly the whole course with a couple ending up short by a fair distance. However, our boys put on a great show, making consistent approaches until the third and last round.

As the day went on the heat started to pick up and winds became slightly unpredictable. By the end of the day the winds were changing all the time. This made setting up (deciding the point at which to begin their velocity-increasing turns) particularly difficult and unfortunately Gary got a vertical extension on the entry gate, giving him a 30 second penalty – enough to throw him right out after his first two clean rounds.

Mikey provided some entertainment when, two thirds of the way through the carving course, the unstable winds caused a blade strike, which collapsed the entire right side of his canopy. Fortunately his skill shone through as he continued to fly the collapsed canopy (subsequently nicknamed his Velocity 45!) and safely negotiated the course.

The winners of the speed round were separated by only hundredths of a second but the PD Factory Team showed their true colours taking the top three medal positions in ultra class.

Speed Results – Ultra

1	Heath Richardson	USA	PD Velocity
2	Jay Moledzki	Canada	PD Velocity
3	Ian Bobo	USA	PD Velocity

Speed Results – Standard

1	Jonathan King	Australia
2	Collin Sinclair	Canada
3	Tobias Scherrinsky	Germany

Photos: Craig O'Brien, Francisco Neri and Brian Vacher





Mikey Holmes

Equipment and Technique

The top canopy pilots had modified their gear jumping the removable deployment system (RDS) enabling them to disconnect their bag, bridle and pilot chute, with some going so far as to remove their slider as well. This cuts down on the unwanted drag and increases efficiency and performance particularly in the high speed portion of their approaches.

Many competitors were seen to be sporting tight clothing; if you are going to use RDS then jumping baggy clothing would defeat the whole point. This encompassed rash guard style tops and quite often motocross pants. These offered further protection for the inevitable scrapes, knocks and slides as competitors sacrificed their bodies to get the best score possible. Many had adapted their pants to incorporate a pocket for stowing their now redundant deployment gear in association with the RDS.

Many jumpers wore weight to increase the wing loading. Most of the pilots were flying small, high performance elliptical 21- or 27-cell cross-braced canopies. Jim Slaton was flying the new Icarus canopy which everyone called the GX; it is cross-braced in the middle and normal ram-air on the outside cells. The GX is still in trials.

Generation and maintenance of speed is a key factor to ensuring high scores in all three events. Much of the speed generation was made through the angle of rotation that competitors made. Most were making 270 degree turns with some pushing that further round to a 360 degree picture. Jay Moledzki, Accuracy event winner and PD team member, was the only competitor to further this and consistently made well executed, safe 450 degree approaches proving once again that he is the king of rotation.



Jay Moledzki exits the speed straight

Distance

Friday

With the competitors used to their set-up points for hitting the 10 feet gates, the distance event threw a spanner into the works with 5 feet entry gates, requiring a different set-up picture. All three rounds were the same straight course with the objective being to score the entry gate and then travel the furthest distance, measured by the first point of contact with the ground. Many competitors were landing on their bums to scrape an extra couple of feet.

A speed gun was used at the entry gate, purely for informative purposes, not for any competitive reason. Each competitor coming through had their entry speed clocked and announced to the crowd. Amongst the top pilots, speeds ranged from a low of 65mph up to 72mph.

Many competitors were jumping canopies larger than the trend of the last few years. However they were also wearing weight to bring the loading up, with most flying in the distance event around 2.2 pounds per square foot. Team Extreme member Luigi Cani was wearing 50 pounds of lead, amounting to one third of his body weight! With the exception of Heath Richardson (a small guy), with a round 1 score of 370, it was generally the heavier people that posted scores of 350 or more in a single round, namely JC Colclasure, Ian Bobo, Cameron Rolfe, Bruno Brokken, Kamuran 'Sonic' Bayrasli and Jay Moledzki. This highlights the fact that a larger wing generates more lift than a smaller wing flown at the same loading.

Again some impressive performances were given with Chris Lynch twice scoring over 300 feet. JC Colclasure stormed the event, winning with beautifully consistent scores of 374, 377 and 376 feet, totalling 1,127 feet. King of consistency Heath Richardson took second with a total of 1,056 feet and Ian Bobo just behind with 1,049 feet.

But Shannon Pilcher's unofficial world record of 418 feet still stood with the closest to that being his teammate Ian Bobo posting 392 on the score board in round 3. Shannon's world record is unofficial because no FAI representative was present when he set it whilst competing on the Pro Swooping Tour circuit.

Distance Results

1	JC Colclasure	USA	Icarus VX
2	Heath Richardson	USA	PD Velocity
3	Ian Bobo	USA	PD Velocity



Ian Bobo approaches the highest score of 392 feet



Jay Moledzki



Gary Wainwright



Francisco Neri



Shannon Pilcher

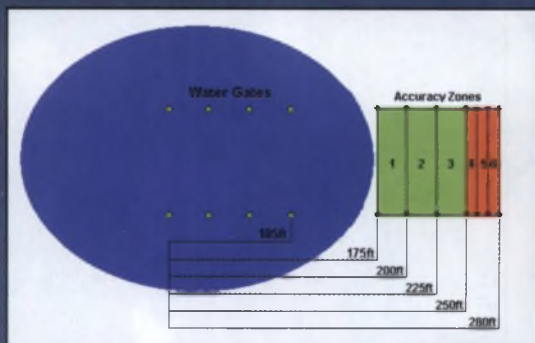
USPA politics dictated that the world distance record holder, Shannon Pilcher, could not enter the World Cup. Shannon couldn't attend the US selection weekend because USPA moved the dates from those originally stated. As per the US Nationals, the American team has to be selected from these events. However, it was more of an attendance selection as every American who attended the event qualified for the US team.

Despite pleas from competitors, USPA stuck to their guns and would not allow Shannon to compete. To have a World Cup where the current record holder is present but prevented from competing, on principle and political reasons, is extremely bizarre. Shannon dealt with the matter extremely well and rose above the political shambles, giving out coaching tips and providing awe-inspiring footage following various competitors and flying neatly beside them as they made their high speed approaches. He was inspirational and a real asset to the event.

Zone Accuracy

Saturday

The most visually exciting event was last on the agenda. Competitors had to score the 10ft entry gate, fly the 175 feet over water and land dry in one of the three scoring zones shown below, aiming for zone 3.



The zones had different scores of:

- zone 1 12 points
- zone 2 28 points
- zone 3 40 points
- zone 4 - 13 points
- zone 5 - 29 points
- zone 6 - 40 points

The first point of contact gave the zone score with penalty points added for the area where you stopped; eg, if you touched down in zone 3 but didn't stop until zone 5 you would score 11. The minimum score for a round was 0. There were bonus points for trailing a part of the pilot's body in the water when passing between the water gates, highest scores for the first gate with the lowest figure for the fourth gate. This counts for 60% of the possible score, as 60 points are awarded if you toe-drag through all four gates.

Our boys put on a good show, Al entertaining the crowd with his water displacement technique! He and Gary had a bad day, despite looking good in training. Most of the other Brits scored very well with Chris Lynch scoring 96 out of the maximum 100 in round 2. Strict but fair judging on the zone lines meant competitors had to ensure accuracy. Straying into the penalty zones, which was easy to do, was costly with large penalties being accumulated by many, changing the overall scoreboard dramatically.

Xaos pilot Andy Farrington shone through sharing gold with PD Team member Jay Moledzki. Bronze went to Dave Hebert, with Heath Richardson only one point behind. The gold medal winners had two out of three perfect scores but no-one was able to do this on all three rounds.

Accuracy Results

- | | | | |
|---|-----------------|--------|-------------|
| 1 | Andy Farrington | USA | Xaos |
| 1 | Jay Moledzki | Canada | PD Velocity |
| 3 | Dave Hebert | USA | |



Drew Lipinski



JC Colclasure



Awards Ceremony

The closing ceremony was as spectacular as the opening one with another gob-smacking aerobatic display followed by a banquet. With this being the first World Cup there were thanks to those that made this happen; Lyle Presse, Jim Slaton, BJ Worth, Scott Smith and the Conatser family.

There were five sets of prizes. Firstly to the standard class who only competed in the speed event; to the three ultra class events of speed, distance & accuracy; and finally to the overall winners in the ultra class. These overall places came from the positions held in each of the three events, in a similar vein to style and accuracy. Heath Richardson ranked first in speed, second in distance and fourth in accuracy, which combined made him the overall winner.

It's interesting that, had Jay Moledzki not been awarded a vertical extension on his round 3 of distance, he would have been placed second in that event and subsequently taken the gold medal in the combined event. (RHASS)

There were two women in the competition; one of these, Kaz Sheekey of Australia, did very well, finishing 22nd out of 51.

Friendly Atmosphere

The event was not just about swooping – the party was alive every night despite the early starts. Competitors even found time for the all-important 'swoop n chug' and to take a break from the 100-degree heat in the pool. In the words of one competitor, this event was *"more like a meeting of friends from all over the world than a competition"*. All were pleased to have canopy piloting recognised by the IPC.

The Brits

Our boys represented us well! They all successfully competed in the ultra class and are now eligible to take part in Pro Series of Pro Swooping Tour events. They returned home with a greater knowledge of the sport of canopy piloting, some good memories and several scraped legs and bruised bottoms. We girls went home aspiring to be swoopers ourselves, inspired by the fact that there were two women in the competition, but understanding how much time, strength, courage and skill it takes to be a safe and competent canopy pilot.

The Future

The future of swooping is a bright one and canopy piloting may be a World Championship event next year, subject to IPC's ratification. Coaching is the best way to learn the basics of canopy piloting slowly and safely, from the best pilots in the world. In the UK Chris Lynch runs an excellent canopy flight school, Wing Tips and also tours the country with swooping roadshows. Next year's UK swooping events are already being planned with the possibility of an invitational meet in Jersey. Check out the web addresses on the right and look out for details in The Mag!

Justine Shotton & Marie-Claire Rowlinson
justineshotton@yahoo.com



Heath Richardson wins the overall World Cup



Top ten overall

Overall Results

1	Heath Richardson	USA	PD Velocity
2	JC Colclasure	USA	Icarus VX
3	Ian Bobo	USA	PD Velocity
4	Hans Paulsen	USA	Icarus VX
5	Clint Clawson	USA	Icarus VX
6	Jay Moledzki	Canada	PD Velocity
7	Jason Eames	USA	Xaos
8	Andy Farrington	USA	Xaos
9	Jim Slaton	USA	Icarus GX
10	Dave Brown	Canada	PD Velocity

18	Chris Lynch	UK	PD Velocity 90
29	Brian Vacher	UK	PD Velocity 96
31	Michael Holmes	UK	PD Velocity 90
41	Alastair Macartney	UK	PD Velocity 90
50	Gary Wainwright	UK	PD Velocity 103

Brit team Gary, Al, Brian, Mikey and Chris



Thank you

Performance Designs	Bev Suits
Supnath	Headcorn Parachute Club
Larsen and Brusgaard	Dragon Eye Art
Tony Suits	UK Swooping Tour



Heath Richardson in the accuracy event



"The vibes were excellent, there was a great spirit of encouragement from everyone to fly faster, further & more accurately, there were even cheers from the judges as you flew through the courses. My main reason for going was to see what techniques the full time pros are using and learn as much as possible. Without exception every question put to these guys was met by such enthusiasm that it was not possible to put all the info to use at the time. The whole team now has a much better idea of what needs to be trained & how to do it. Big thanks to MC & Justine for the support, videoing & transportation... and the Cavalry for the gear storage"

Chris Lynch
gottaflychris@aol.com

See: proswoopingtour.com
skydiveperris.com
swooping.co.uk

New canopy from Paratec:

OK. Blame it on us!

Your new addiction! Because Faqtor is addictive!
But we don't regret a bit!



*Straight in landings
or mega swoops.
Flareing never was
easier!*

FAQTOR

FAQTOR *The new drug!*

*With a guaranteed addiction Faqtor, a high
swoop Faqtor and a low price Faqtor! Get the
Faqts from your local dealer.*

paratec
dare to be different

Paratec GmbH
Weingartstr. 12 - D-66798 Wallerfangen - Germany
Tel.: +49-6837-7375
www.paratec.de - info@paratec.de

PURE
Adrenalin
NEW ZEALAND ADVENTURES

Learn to Skydive & Adventure Holidays

LEARN TO SKYDIVE:

AFF 25 Jump course that
leads to internationally
recognised 'A' license.
Course includes photos,
video & airport transfers
for just over £1400.*

ADVENTURE HOLIDAY:

Choose as many extreme
sports activities that we
offer and create your
own adventure holiday
package!

*based on £1 = NZ\$2.80

IT'S ALL ABOUT ADRENALIN

SEE WEBSITE FOR FULL DETAILS
www.pureadrenalin.co.nz
info@pureadrenalin.co.nz



headfirst online ordering



FREEFLY SUITS
only \$99 USD
Heaps of
combinations
Delivery 2-3 days
to USA
FREEFLY PANTS
also available
from stock



**FREEFLY
HELMETS**
from \$69 USD
2-3 days
Delivery to
USA

Quality skydiving accessories at
realistic prices. 25% discount if
purchasing with a new rig.



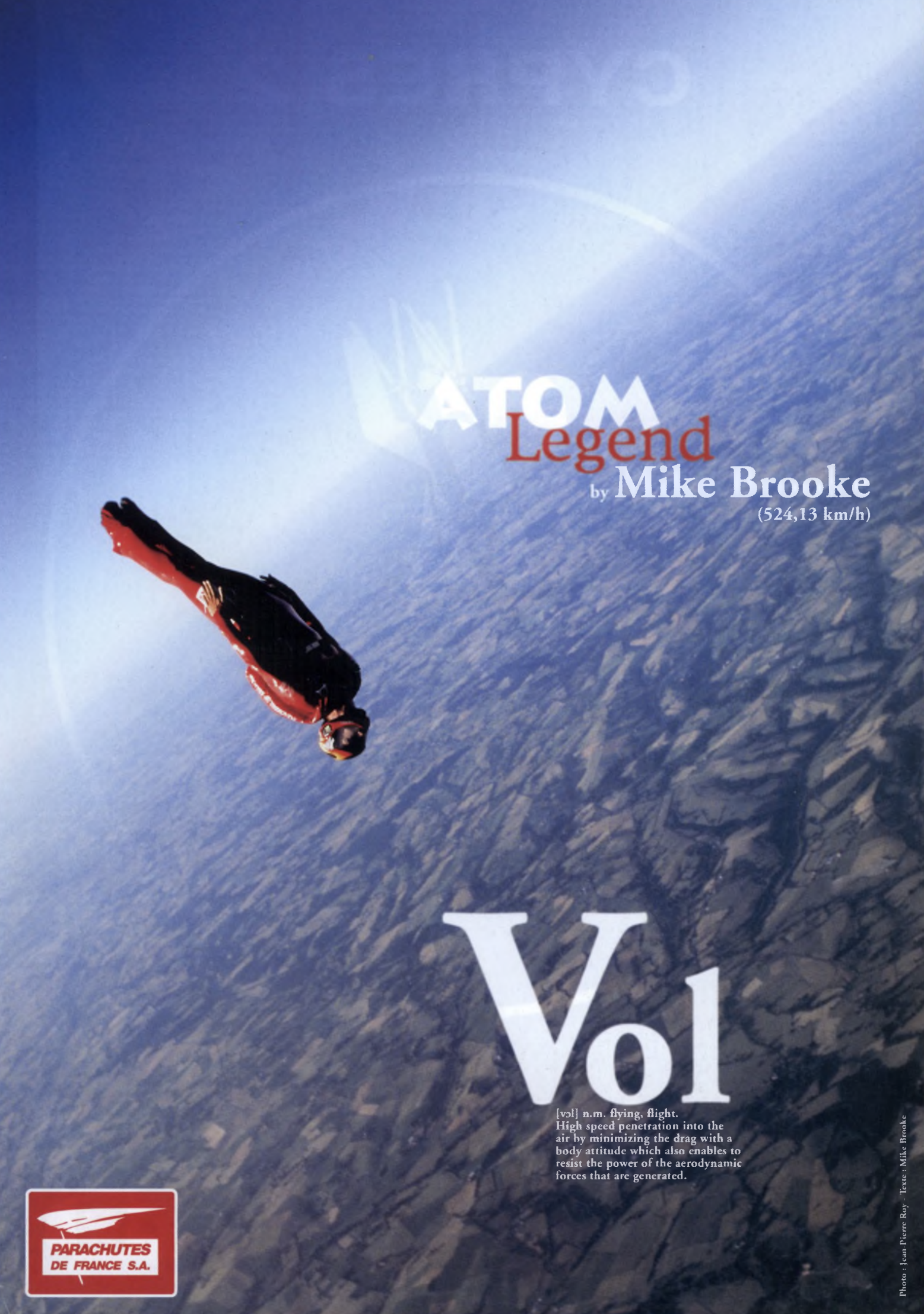
phone: +61.89377.1919 fax: +61.89377.1920 info@totalcontrol.com.au

www.totalcontrol.com.au

Australian beach jumping
HOLIDAYS



tropicalskydiving.com



ATOM

Legend

by Mike Brooke

(524,13 km/h)

Vol

[vol] n.m. flying, flight.
High speed penetration into the air by minimizing the drag with a body attitude which also enables to resist the power of the aerodynamic forces that are generated.



CYPRES 2

is the new generation of CYPRES



© by Airtec

GOOD FOR POND SWOOPING

AIRTEC

Mittelstrasse 69
D-33181 Wünnenberg

Tel+49 2953 9899 0
Fax +49 2953 1293



"Water resistant for 15 minutes at a depth of 15 feet (5 meters) in fresh and saltwater"

Puzzle



A skydiving related crossword with two sets of clues giving the same answers – use the cryptic main or the easy reserve!

Main (Cryptic)

Across

1. Wear found inside irritated airways (10)
7. Danger at sea is free! Free! (4)
9. Attitude of snake before shock treatment (6)
10. Quality of teabag apparent in brewing isotropy (8)
11. Cameraman caught by flying ripsaw (4)
12. Addicted, having funny spell, came down rapidly (4,6)
13. Let loose deer and seal perhaps (8)
15. Extremely huge dog eats rows of bushes (6)
17. Search about for a horse (6)
19. Shout about worn-out county (2)
21. Pole wearing jersey is a leading skydiver (10)
24. Water polo played here! (4)
25. Apiarist pretends oddly that bumblebee can not maintain it (8)
26. University man carrying low quality paper flyer (6)
27. Jump over half of evidence (4)
28. Trashed hotel suite canopy (10)

Down

2. Book on the subject of funny verse (7)
3. Inclination to soak head (9)
4. Cockpit chair displays tarry residue (5)
5. AAD? No. MAD! Yes. (7)
6. Transport needed following 'off' landing (9)
7. One who gets up noses of royalty in second Egyptian revolution (5)
8. In context remedy is severe (7)
14. Queen's stalking little river bunting (9)
16. Too many parachutes allow this unsafe configuration (9)
18. Half-hourly racket precedes one escapee (7)
19. Fortress in outlandish dialect (7)
20. Beware stolen goods containing uranium (4,3)
22. Exercise outside, it's crazy place for risky sport (5)
23. Medium small plug positioned in Spanish river (5)

by **Paul Boorer**

Reserve

Across

1. Inflation vents
7. Coral bank
9. Ratio of span to chord
10. Permeability
11. Hold
12. Landed aggressively (4,6)
13. Cut away
15. Field boundaries
17. A short with a pint
19. Recently closed DZ
21. Person in charge of load
24. Small lake
25. Aerial velocity
26. Welsh symbol
27. Fall deliberately
28. PD canopy

Down

2. Secondary parachute
3. Verticality
4. Roll, yaw, _____
5. Parachute release mechanism
6. Carrier for injured person
7. Canopy connector
8. Icarus FX/VX canopy
14. Malfunctions
16. Two canopy formation
18. Famous escapologist
19. Stronghold
20. Observer
22. Ski run
23. Communication device

SOLUTION ACROSS
1. Downplane, 18. Houdini, 19. Citadel, 20. Lookout, 22. Piste, 23. Radio
2. Reserve, 3. Steepness, 4. Pitch, 5. Ripcord, 6. Sirether, 7. Riser, 8. Extreme, 14. Streamers
19. Cornwall, 21. Jumpmaster, 24. Pool, 25. Aspect, 10. Porosity, 11. Crisp, 12. Hook turned, 13. Released, 15. Helges, 17. Chaser
DOWN
2. Reserve, 3. Steepness, 4. Pitch, 5. Ripcord, 6. Sirether, 7. Riser, 8. Extreme, 14. Streamers
19. Cornwall, 21. Jumpmaster, 24. Pool, 25. Aspect, 10. Porosity, 11. Crisp, 12. Hook turned, 13. Released, 15. Helges, 17. Chaser



Everybody who knew him called him Ez.

Water-skiing, diving, home building, flying and skydiving... and he was not even in the army! He even built his own sports car. How did he manage to cram five lifetimes into half of one? I do not know. He got his degree in civil engineering, and specialised in foundations, then he got a job with a large firm working on some very big projects. He even wrote a book on the subject. At weekends he would do all the other things, and he was good at them all. I will only touch on his parachuting here, as the other parts of his life would fill The Mag.

Ez started jumping at Sunderland parachute club when he was 18. He only managed to get just over 1,200 jumps, and 1,500 hours para-dropping in at weekends, the only time he had free. I met Ez at

Cranfield in 1989, he was one of the

jump pilots there and I did not even know he was a jumper at first. The CF team was looking for jumpers to fill slots, and Ez said he would like to have a go at that, so we gave him a try-out. Silly me, I was talking to him as if he did not know what he was doing with a parachute, as he had never tried CF before. I think he even enjoyed it.

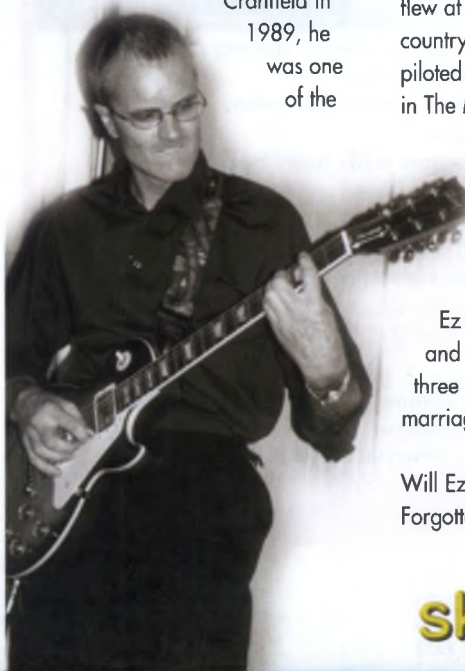
Ez was a natural at CF and he was brilliant at piloting a formation. He captained the British CF sequential team, *Team X* at the World Meet at Eloy in 1998. Ez was liked and respected by all that knew him; he did not say a lot but when he had an input, he would be right. I never saw Ez worried about anything in all the time I knew him, even in a canopy wrap. All that would happen was his bottom lip would come out; he would not say a word and just get the problem sorted out.

His great love was flying, and he flew at many drop zones around the country, so many of you who he piloted might not recognise his photo in The Mag, as you would only have seen the back of his head. But he would have known you, and he would have been smiling, as he knew what fun you were going to have.

Ez leaves behind a wife, Jane and two sons Robert & Alex, and three other children from a former marriage, Joanne, Tom & Jenny.

Will Ez be missed? Yes.
Forgotten? No.

Ian Marshall



Tired of waiting on the weather? Make your next jump one that COUNTS!

Move to Australia

If you are a qualified professional, in a trade, or running a business, you may be able to migrate to Australia (for BIG skies, cheap jumps and that relaxed Aussie lifestyle)



That's me
(AKA Meatbomb)

To find out more, contact:

Glenn Connelly

Australian Immigration Law Specialist; Registered Migration Agent 0317560

Phone: +61 7 3851 2400 or Email: migration@myrealbox.com



- ❖ Large open plan living room, dining area, den, fully equiped kitchen.
- ❖ 3x master bedrooms with en-suite, big walk in closets.
- ❖ 2x double bedrooms with twin beds
- ❖ Den has queen sized leather sofa which extends as a bed.
- ❖ Large 30ft x 15ft south facing heated pool with jacuzzi and large sunbathing area.

ALL BEDROOMS AND LIVING AREA HAVE THEIR OWN TVS. CABLE TV, VIDEO, HI-FI AND PLAYSTATION ALSO AVAILABLE.

LOCAL ATTRACTIONS:

Lake Wales, Sky venture - 30mins, Deland - 90mins,
Z-Hills - 75mins, Sebastian - 90mins, Disney - 10mins,
I-Drive - 30mins, Universal & Wet & Wild - 20mins.

Very good rates for skydivers. Interested contact CRAIG
E-mail: crocks@ntlworld.com Tel: 07813 953 999 or 01233 336281

Taking Human Flight To The Next LevelSM

PRO-DYTTER

ADVANCED AUDIBLE ALTIMETER



Available at Your Favorite Dealer

Mosevej 3, Box 25 - 4070 Kirke Hyllinge - Denmark
Phone: +45 46 48 24 80 L-and-B@L-and-B.dk
Fax: +45 46 48 24 90 www.L-and-B.dk

**JOIN US, AS WE BOLDLY GO
WHERE NO DROP ZONE
HAS GONE BEFORE.**



www.skydiveperris.com

LETTERS

Thank yous

Black Knights in Shining Armour

What kindness and mega professionalism I witnessed at the Black Knights Parachute Centre, Cockerham. I have recently become wheelchair-bound due to a neurological disorder and am very conscious of my disability and the attachment of wheels! I've just spent the best two weeks of both my disabled and able life with BKPC. I felt normal and felt totally accepted as a whole person. At no time was I made to feel the token disabled person; quite the opposite, staff and skydivers approached me and asked about my disability which is a refreshing change.

Jeff Illidge worked tirelessly to ensure everyone on the DZ was having a good time. I felt so accepted and normal I did a tandem skydive! WOW! What an experience. I've never felt so alive and free. Thanks to the skills of tandem master Billy, pilot Kev and cameraman Dave, not forgetting Jeff, Phil and Cliff the owners, I have had the experience of a lifetime and can replay it again any time I'm feeling low and disabled. It reminds me how able I can be with the help of these fantastic people, thanks guys, you are the best.

If all DZs are all as good as Black Knights they deserve the best publicity in the world! What friendly, unique people the sport attracts. People tend to think this is a sport for the fit and able but I can assure you the disabled get that something extra that no other sport in the world can give – freedom and the feeling of being able again.

Hilda Henshall.
fergul999@aol.com

New Regs at Nethers

The following new equipment regulations will come into force at Netheravon during 2004:

Audible Altimeters

With effect from 1 January 2004, all APA camera jumpers must wear an audible altimeter.

Automatic Activation Devices (AAD's)

From 1 April 2004, all parachute equipment used at Netheravon must be fitted with an operational AAD which must be switched on before any descent. This follows the lead set by Empuriabrava and all French drop zones.

According to membership records approximately 98% of club members already use an AAD.

However STC has deliberately left a four month period before this rule comes into effect in order to give club members sufficient time to acquire one. Moreover club secretary Gwyn Burton will purchase a small pool of AAD's for sale at cost to club members.

Army Parachute Association
apa@netheravon.fsnet.co.uk

CCI - IN CHARGE



OK, ninety right and hold that heading



Oh my God! I'm right over the town square



Perfect. When you land, call at the paper shop and get me a can of coke and a Sunday Times

RAPA Riggers Course

I've just returned from probably the best professional course I've ever attended. This was due in no small part to the expertise and dedication of Bill Sharp, organiser and primary instructor/examiner. Thanks are also due to the other instructors/examiners, John Curtis and Andrew Hilton. It isn't easy to get a rigging course these days and it would be difficult to get one with as much hands-on training as we got. A trip to Airtec was interesting and informative.

I cannot praise or thank Bill highly enough for the way the course was run and prepared – he even put himself out to chauffeur us at ungodly hours! I will return next year to do my exam course. I strongly urge anyone considering becoming a rigger (It's not a black art practiced by weirdos!) to contact Bill and book onto next year's BR course – you won't regret it.

Phill Elston
phillnbev@btinternet.com

FS Nationals at Hibble

XL would like to thank Target Skysports for an outstanding FS Nationals. 47 teams, all complete in two days and I hear that the 8 way was an equal success. Just incredible, first that there are so many keen FS teams and second that we completed the meet with time to spare. Great facilities and great staff, all helping UK FS teams to excel! This must be the second biggest Nationals in the world, not bad for an island nation!

Pete, John, Steve, Thomas and Rob
www.sebastianxl.org

Swell At Dunkeswell

What a great drop zone Dunkeswell is. I have only been in the sport a year and felt pretty scared trying another DZ whilst on holiday but my fears were set to rest by their friendliness and helpfulness.

Liz Hurry
elizabeth.h@easynet.co.uk

SpreadEagles Reunion

I'm organising a SpreadEagles Parachute Club reunion. Where are all our old mates? I've heard from Bill Boot, Nod Bourne, Mike Beynon, Sally Corre, Steve Polden and Gary Ivamy. The rest of that team were Paul Applegate, Mick Ashford, Eddie McBride and Stevie Nichols. Where are you, you horrible little men? Ex-members who would like to chew the fat please get in touch; whether team, club member, student or one-off charity jumper, you're still one of the SpreadEagles family. (01590 677705 or 45 Bankview, Lympington, Hants, SO41 8YH or email me)

Mike Abraham

Micheal.Abraham@btopenworld.com

Just One More

If you feel like giving up jumping because you haven't been to the DZ for along time, promise yourself just one last jump. If that doesn't put a smile on your face and you don't get a buzz any more, THEN quit. But only quit when you're sure you're ready to, not because it's the line of least resistance.

Chris Mizzi

chris@cmizzis.fsnet.co.uk

Great in Gap

To be part of the Brit contingent at the Mondial was so rewarding. Vocal support was huge as the participants were led to the emplaning point. The flag-waving was surely a great encouragement. We cheered the VMax gold and shed tears for XL. The behind-the-scenes back up for the British team is first class but a special word of thanks must go to John Smyth, Head of Delegation, for his support and enthusiasm. If you've never been to a World Meet, be at the next one to see for yourself what the best in our sport can do.

Michael Allum.

mallum@onetel.net.uk

Mag Feedback

Looking Cool

I read Alastair McCartney's article in the last Mag, got as far as '120 - made a late turn' and nodded in total agreement. Well, I made my first 'proper ZP low turn' at jump 106. Broken back, damaged spinal cord and a complete life change. How do you put it in words? Well, Al just did it in the Mag; the coolest person on the DZ is the one who lands safely and walks away quietly. Wasn't me but probably is now.

Glynn Buxton

glynnbuxton@lineone.net

Two Canopies out

I had an experience with two chutes open and it was very helpful indeed to have read your article, August issue, about control of such situations. On the eve of my 18th jump (RAPS), I was reading the article and wondered if that could ever happen to me. Next day, I was on my first 1.5 sec alti pull. I had a good exit but soon lost control and was spinning. I was trying to correct this and lost all sense of height awareness; I thought I pulled at 3,500ft but it must have been a lot lower than I thought. The main deployed and everything was fine until I heard something and looked up to see the reserve open behind me as well. Immediately I remembered the advice given and brought it down with very slow gentle turns. Had I not read about it the night before, who knows what the outcome might have been. Thank you very much!

Scott Emsley

scottemsley@blueyonder.co.uk



PERRIS PERFORMANCE PLUS TRAINING CAMPS

Formation Skydiving Camps with Dan BC

Dec 11-14	Kate & Tony Big Way Camp
Dec 17-21	4-Way - Tunnel Camp
Feb 18-22	4-Way - Tunnel Camp
Apr 21-25	4-Way - Tunnel Camp
May 13-16	Kate & Tony Big Way Camp

Free Fly Camps with Alchemy and the FlyBoyz

Dec 19-21	Big-Way Camp
Jan 2-3	Tunnel Camp
Jan 16-18	Tunnel-Sky Camp
Feb 14-15	Tunnel Camp
Mar 5-7	Big-Way Camp
Apr 10-14	Big-Way Camp
Apr 15-18	Free Fly World Record
May 7-9	Tunnel-Sky Camp

Pro Swooping Tour Swoop Park Events

Apr 22-25	PST Freestyle Open
Apr 26-May 2	The Quest

Other Exciting Events

Nov 30-Dec 4	AFF Certification Course
Dec 19-21	World Team Warm Up 64-Way Sequential
Dec 20-Jan 4	HOLIDAY BOOGIE Free Tunnel Time With Jump Purchases.
Jan 9-19	6th Annual Jack, off to Perris Boogie
Jan 10	James Martin Memorial 10-Way Rumble Seat Meet
Feb 1	Super Bowl Watching Party in the Bombshelter
Feb 14-15	Valentine's Day Battle of the sexes
Feb 14-16	Jim Wallace Demo School
Apr 7-11	Easter Boogie



PERRIS VALLEY SKYDIVING
2091 Goetz Road
Perris, CA 92570 USA

TEL: 909-657-3904 | FAX: 909-657-6178

SKYDIVING SCHOOL: 888-4-SKYDIVE

PERRIS SKYVENTURE: 909-940-4290

www.skydiveperris.com

manifest@skydiveperris.com

skyventure@skydiveperris.com

www.SKYDIVERPERRIS.com



Performance Skydive Clothing
Tel: +44 (0) 1482 635483
www.original-lizard.com



GoWear.
Cool Clothes for
People Passionate
about Skydiving.

We've got fresh, funky t-shirts that'll put a smile on your face...
the same way freefall does. Order them from our website at:

GO-WEAR.COM



FAIRSPORTS

**Fast, reliable and
friendly advice for
skydiving,
air/activity sports
and domestic
insurance needs.**

**can you afford
to be without it?**

- 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 (exc. first 14 days) so long as doctor certifies totally unable to follow normal occupation.
- 10% No Claims Bonus on renewal.
- Activity sports equipment worldwide
- Personal baggage for travel insurance (excludes kit whilst out of UK)
- Medical expenses covering medical or surgical treatment following skydiving, air/activity accident
- Air transport for repatriation, including medical attendants for seriously ill or injured insured person.
- Costs of recovery to hospital following a parachuting accident
- Buildings/contents insurance
- Car insurance

Contact Yvonne Jukes Tel/Fax 01983 298480 (24 hours)
Email: yvonneairsports@aol.com
48 Alexandra Road, Cowes, Isle of Wight. PO31 7JT

**new
2003**

2kcomposites
The best...



Still photo &
video capture
skydiving
headgear

**...any way
you look at it!**

2KComposites
e: info@2kcomposites.com
www.2kcomposites.com

come to the sun!
new skydiving
drop zone in spain

now! [jump]
& always

[OPEN]
full time

Fast planes to jump and jump again. Good organization and people, great food and greater beer. Serious fun and only 50 minutes from Madrid airport.

And what's more, blue skies and always a golden sun. Well, nearly always.

Come and meet us and learn why they say Spain is different.

H

Skydive Lillo
CASA DE RECREACION
LILLO - SPAIN

info@skydivelillo.com • +34 630 05 05 04
www.skydivelillo.com

Serving The World
For Over 43 Years!

WWW.PARAGEAR.COM

Para Gear

EQUIPMENT COMPANY



Altimaster III
Visual Altimeter

\$CALL Stock # I 1191
ON VISIT OUR WEBSITE
Available Colors:
Blue, Black, Purple, Red, Yellow,
Orange, Turquoise, Neon Green,
Dark Green, Silver



FL50 Enhanced
Visual Altimeter

\$CALL Stock # I 11225
ON VISIT OUR WEBSITE
Available Colors:
Blue, Black, Purple, Silver



Pro-Track
Audible Alti & Computer

\$CALL Stock # I 11440
ON VISIT OUR WEBSITE



Pro-Dytter
Audible Altimeter

\$CALL Stock # I 11430
ON VISIT OUR WEBSITE



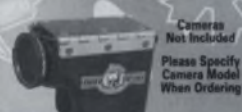
Neptune
Audible/Visual Altimeter

\$CALL Black, White, Red,
Purple, Yellow, Lime
Green, Orange
Stock # I 1405
ON VISIT OUR WEBSITE



Captain Hook
Hook Knives

\$CALL Available Colors:
Black, Orange Olive
or Blue
Stock # K15550
ON VISIT OUR WEBSITE



BH-PC Style D-Box
Camera Enclosure

\$CALL Stock # 51191
ON VISIT OUR WEBSITE
Please Specify
Camera



BH-TRV Style D-Box
Camera Enclosure

\$CALL Stock # 5119TRV
ON VISIT OUR WEBSITE
Please Specify
Camera



CAM-EYE II
Camera Indicator Switch

\$CALL Stock # L12450
ON VISIT OUR WEBSITE



BH 'I' Bracket
Camera Mount

\$CALL Stock # L5115
ON VISIT OUR WEBSITE
Please Specify
Camera



Extreme Goggles
Performance Eyewear

\$CALL Stock # G1165
ON VISIT OUR WEBSITE
Amber, Smoke, or
Mirror Yellow Lens



Soraz Goggles
Performance Eyewear

\$CALL Stock # G1147
ON VISIT OUR WEBSITE
Clear, Amber, Smoke,
Mirror, Blue or Mirror Blue

NEW!



BH Mindwarp
Freely Headgear

\$CALL Stock # L5158
ON VISIT OUR WEBSITE
Custom Colors
Available



BH Mindwarp
Freely Headgear

\$CALL Stock # L5125
ON VISIT OUR WEBSITE
Custom Colors
Available



Sky Systems QXYGN A3
Full-Face Headgear

\$CALL Stock # L4315
ON VISIT OUR WEBSITE
Custom Colors
Available



Parasport Z-1
Full-Face Headgear

\$CALL Stock # L5100
ON VISIT OUR WEBSITE
Visit our website for info
on pricing on TV and
Soft-Touch Models

NEW!



BH Flat-Top Narrow
Camera Headgear

\$CALL Stock # L5148
ON VISIT OUR WEBSITE
Custom Colors
Available



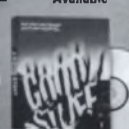
Sky Systems Hurricane
Freely Headgear

\$CALL Stock # L4330
ON VISIT OUR WEBSITE
Custom Colors
Available



Rentoul 02 DVD or VHS
Video Entertainment

\$CALL Specify NTSC or PAL VHS
ON VISIT OUR WEBSITE
NTSC DVD only
VHS Stock #V9035N
DVD Stock #V 90335



Good Stuff DVD or VHS
Video Entertainment

\$CALL NTSC DVD
ON VISIT OUR WEBSITE
Stock #90125N



Norman Kent's Direct!
Video Entertainment

\$CALL NTSC DVD only
ON VISIT OUR WEBSITE
Stock #V9010



Out Of The Blue DVD
Video Entertainment

\$CALL NTSC DVD only
ON VISIT OUR WEBSITE
Stock #V90345



Swoop 2 DVD or VHS
Video Entertainment

\$CALL Specify NTSC or PAL
ON VISIT OUR WEBSITE
Stock #V90325



Neumann Gloves
Skydiving Gloves

\$CALL Stock # G1120
ON VISIT OUR WEBSITE
Black or
White Gloves



Go Fast! Freely Pimp
Extreme Apparel

\$CALL Stock # G F1240
ON VISIT OUR WEBSITE
Black Long Sleeve Only
Sizes M, L, XL



BH Chin Cup
Helmet Accessory

\$CALL Stock # L5121
ON VISIT OUR WEBSITE
Will Fit Almost
Any headgear

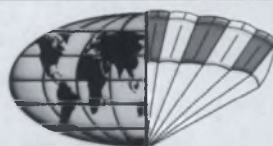


Camelbak Sabre
Hydration System

\$CALL Stock # C B20322
ON VISIT OUR WEBSITE
Visit our website for details

RIGGING SUPPLIES

Para Gear has tons of hardware, webbing, tools and many other rigging supplies for your every need.



Serving The World
For Over 43 Years!

PHONE: 847-679-5905
FAX: 847-679-8644

Para Gear

EQUIPMENT COMPANY

3839 West Oakton Street - Skokie, Illinois 60076 USA

WWW.PARAGEAR.COM Check out our print catalog or order items online!



ORDER TODAY!

FAST SHIPPING!*

* On Stock Items

ORDERING HOTLINE

All Major Credit Cards Accepted.

PHONE: 847-679-5905

FAX: 847-679-8644

Club News

I'd like to apologise for any confusion about the missing achievements last issue; some we took out intentionally aiming to shorten the list, others were accidentally removed, for which I apologise. These have all been put back into Club News this time. We have also made the decision to revert to the status quo of what has traditionally been included, as a result of feedback from clubs.

Just to clarify then, the following milestones are welcomed and will be included, provided you write them on the Club News notice so your rep knows who has done what.

First freefall AFF Graduate Cat 8

Gradings
(IC1, FS1, CF1, IS1, FF1, FF2, SS1, SS2)

Jump numbers
(50, 100, 200, multiples of 100)

Hours in freefall
(1, 12, 24, multiples of 12)

We don't list instructor / rigger ratings as these are included on the BPA matters page rather than in Club News. We don't include FAI licences as these are duplicated by the above qualifications.

I'm sure you will agree the quality of photographs in Club News is getting better each issue, so good that many are being used in the features section. Keep them coming, the more we have to choose from the better.

A happy Christmas and a good new year to you all and congratulations from me to all who have been mentioned in the achievements here (if some belatedly!).

Colin



Graham McKay leads a tracking dive

ST ANDREWS

Finally our new 206 has arrived, turbo charged, fitted for oxygen and with an up and over door, it looks like the dz will be buzzing for months...

Cunningly Lisa Trainer and Anna Phillips managed to sneak off to Empuriabrava over the summer for AFF, it was quite a surprise to the manifestor when they returned!

Once again fancy dress was mandatory at our Halloween bash and the usual selection of party games were on hand. Freddy wore the same dress he wore to Hannah and Cat's flat-warming party; we think he likes it! The usual selection of witches and vampires appeared along with other wild concoctions. As is the norm the party continued till the late hours, but unfortunately no-one could be convinced to jump in their costume the next day.

Our very own instructor Karen Brennan has been off to Langar at the weekends to pursue CRW, and was very happy to tell us she was involved in the 7-way female CF record. If Ian Cessford and Freddy can ever manage to get away from tandems they promise there will be a CrewFest at St Andrews.

Gordon Morison

Achievements

First Freefall

Lyndsey Hair
Lara Davidson
Suzy Duffy
Gary Sargeant
Sarah Lever
Simon Shaw
Cat Phillips
Ian Quickfall

Graduated AFF, Cat 8

Anna Phillips
Lisa Trainer
Grant Torbet

Cat 8

Stuart Cameron
Cat Adam
Tom Fletcher
Alan McGill

Cat 8, IC1, 50 Jumps

Tom Fletcher
IC1, FS1, 50 Jumps

Alan McKay
FS1, 50 Jumps
Rebecca Wardall

FS1

Tom Gold

Jump Numbers

100

Ally Milne

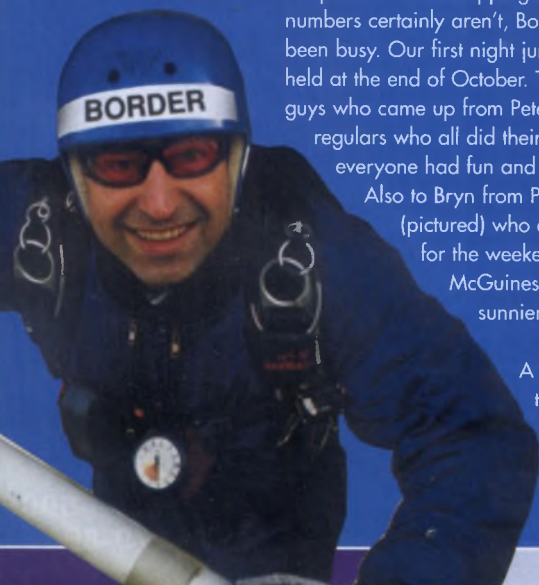
200

Billy Hamilton

400

Graeme MacKay

Jim Stevenson



Temperatures are dropping but jump numbers certainly aren't, Border has been busy. Our first night jumps were held at the end of October. Thanks to the guys who came up from Peterlee and to regulars who all did their bit to ensure everyone had fun and stayed safe.

Also to Bryn from Peterlee (pictured) who acted as CCI for the weekend (as the McGuinnesses flew off to sunnier climes!).

A huge get well to John Hillam from all at Brunton, we

BORDER

miss you, hurry back. Our very own Louise Cliff got her rigger's rating in November - well done, you deserve it!

Laura Johnson

Achievements

IC1

Eoin Muir

FS1

Laura Johnson

8 Hours Freefall

Ed Murdoch



Calum Bisset by Geraldine McGuinness

STRATHALLAN

Well by now we should have welcomed the arrival of our new Cessna in time for yet another big year ahead. The club's annual AGM will also have taken place so check out the next Mag for the club awards.

The Strathclyde University Club is continuing to fill up our RAPS courses each weekend and going down a storm when it comes to the apres-jumping. Our bonfire and fireworks night saw the club jam-packed with over 100 members partying. A record £500 was raised for fireworks. Our regular pyrotechnics Kieran and Rob put on another outstanding show followed by Big Jim with his fire-eating display and lighting of the bonfire, then Dangerous Dave juggling with his fire clubs. Cheers to Dibbo for his karaoke and disco services which saw us all having to listen yet again to dismal performances – although there were a few who surprised us and could actually sing.

It wasn't the earliest of starts on the Sunday morning! But when we did get going it was non-stop for the students who had a fantastic day with lots of progression.

Our members have organised winter trips to Portugal to see in the New Year and then to Florida in February. After that the big event's the Scottish Nationals and FS Regionals during the last weekend in May.

Andy Frew

BRIDLINGTON

Achievements

First Freefall

Liz Haley
Clive Pullen

Cat 8

Rob Nelson
James Birchall
Simon Temlett
Pete Hardaker
Sam Murray

Joanne Ellis
Ady Tipper
Sarah Thomas

FS1 & IC1

James Birchall
Rob Nelson

IC1

Nick Salmon

FF1

Lara Walker

Jump Numbers

50
James Birchall
Rob Nelson
Richard Theaker
100
Helen Moon
1,000
Dave Saville

Hours Freefall

Jim Bellew (1)
Tracy Pollitt (3)
Simon Cathrine (3)
Dave Walker (4)
Mick Dawn (5)
Phil Lyall (10)

Tracy & Andy Pollitt
by Ken Woodhead

Achievements

First Freefall

Stephen Kynaston
Ken Walker
Oskar Chakon
David Agnew

IC1

James Robertson
Lisa Saunders

FS1

Jonathan Reed
Alex Eastwood
James Robertson

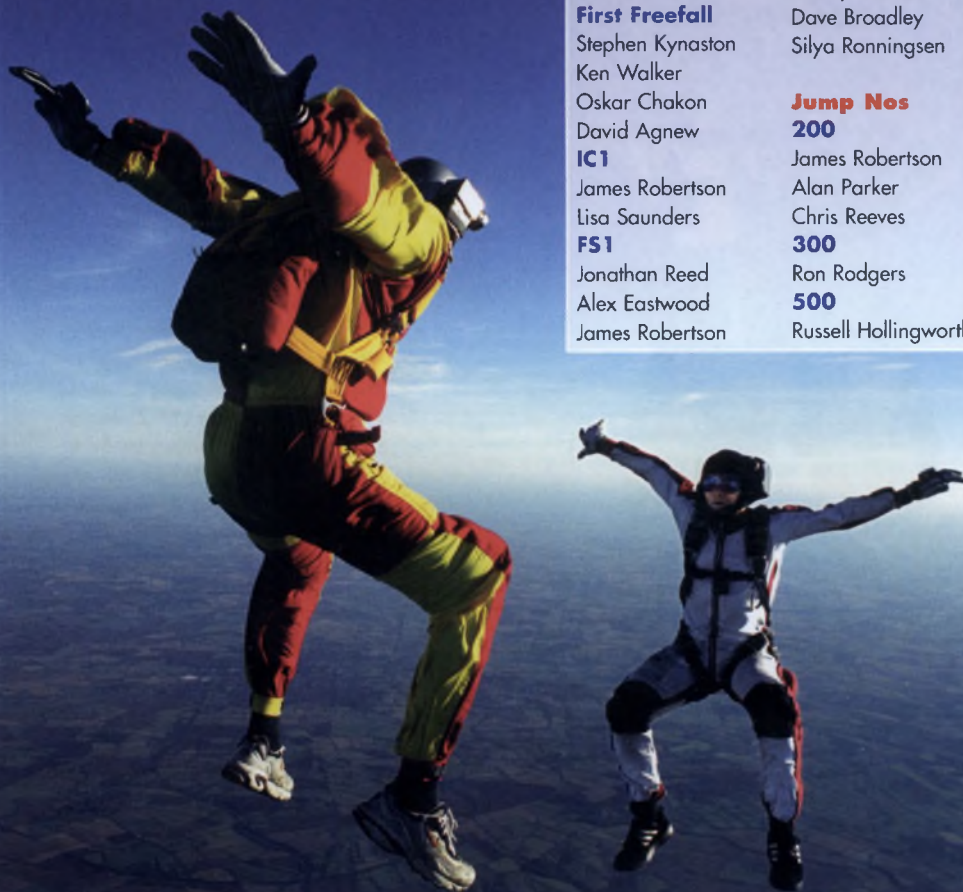
FF1

Ashley Deacon
Dave Broadley
Silya Ronningsen

Jump Nos

200
James Robertson
Alan Parker
Chris Reeves
300

Ron Rodgers
500
Russell Hollingworth



Sam Bailey

First and foremost, a desperate plea – Brid members, please give me your photos for Club News.

Despite the fact that Andy had his hair died bright red the day before our wedding, I agreed to spend the rest of my life with him anyway! Both Phil and Aine Harris behaved impeccably, well done. We had a fabulous time. Cat and Clive Bailey also got married, I am told it was another excellent day.

Adding to the Bridlington posse of the unemployed are Rob Nelson and James Birchall; they were immediately hooked on skydiving, have achieved a lot in a short time and have now become fully fledged members by quitting their jobs to become full time DZ bums.

For Halloween we organised night jumps. Ground control was fantastic – the runway looked like Manchester Airport! Thanks to everyone who helped with this. More night jumps are planned for the new year.

Congratulations to Jon & Kay on the birth of their baby boy Jay. Also Dave and Nicki on their new posh house, soon to be wrecked at the housewarming party. Melon & Gill have a new pad but have been sensible and not had a housewarming... yet!

We are hoping to get a helicopter in next year and would like some idea of numbers of interested jumpers and also those who'd like a pleasure flight. Contact the centre ASAP.

Tracy Pollitt

Tracy Pollitt



PETERLEE

Achievements

First Freefall

Gary Butler
Sam Del-Greco
John Graham

Graduated AFF

Chris Austin
Maurico Santos

Jump Nos

50

Allan Adams

100

Lindsay Widdall

200

Paul McCormick

1,300

Bryn Chaffe

1800

Mark Willcox

Cat 8

Rachael Duncan
Stu Ferguson
Eleanor Cawston
Wayne Wilson
Paul Dowthwaite
Gary Lorrison
Siobhan Gillespie
Jane Oakley
Karl Hearfield
Nick Brown
George Impey
Dave Leonard
Tim Best
Keith Greenhalgh
Matt Woods
Glyn Atkinson
Andy Cleaver
Graham Wilkins
Allan Adams

Alan Thompson by Craig O'Brien

TARGET

Achievements

AFF Graduate

Nina Barker
Liz Russell

Cat 8

Nathan Litzner
Andy Myers
Mike Nunn
Claire Murphy
Aillie Hardman

FF1

Mark Chapman

FS1

Laura Hillas
Mike McAuley

IC1

Niki Banks

500Jumps

Derek Kent
Calvin Blacker

1,300 jumps

Tony Keithley

Hours Freefall

John Fletcher (2)
Ken Wharton (4)



Vision by John Williamson

The 4-way scrambles was very well attended by eight teams and was a good fun competition with some excellent skydiving, not to mention the team names thought up just to annoy the manifester...I am a Donkey; Eeyore Eeyore etc. Very funny! Eeyore Eeyore won, nice one Karen, Nikki, Henry & Steve.

The Halloween 10-way speed had a record number of teams. All eight got through two rounds and some even their third before Saturday night. A decision was made to call it on two rounds as not many thought they'd be well enough to jump the next day! The Langar Lost Souls took the trophy and

celebrated at the party, in true Hib Halloween style, everyone in costume and the elaborately decorated bar jam-packed. Thanks to DJ's Gregster, Richie and friends for brilliant music all night long.

We have further Hib improvements going on over the winter months...

- Brand new toilet facilities joined onto the bar
- A new games room to extend the bar area
- A social patio/beer garden area leading from the bar for those warm summer nights!

Hannah Swallow

We've just said farewell to the Let, departing for an engine change in Hungary before returning for our St Patrick's Day Boogie (17-21 March 04). Thanks Jan DeHoog for flying. We've also benefitted from Hib's SMG. The turbines have doubled our jump numbers for the year and freed up our Cessna for our RAPS students to progress in ever increasing numbers. With the freehold purchase of our airfield site completed and the bar, bunkhouse & ablution blocks all up and running, Peterlee has taken a quantum leap forward this past year.

Ian Rosenvinge



Party pics by Darren Birkin





Weston Plummets in fancy dress, photo by Andy Ford

The wingsuit festival (20-21 Sept) was successful, safe and enjoyable with 38 wingsuit flyers registered, including 13 'newbies'. On Saturday every new wingsuiter did at least two coached flights, and the intermediates teamed up with more experienced flyers to hone their skills. Sunday the focus was on flock flying for the experienced, culminating with an impressive 15-way on the last lift. Big thanks to Craig Poxon and Skydive Hinton for the loan of their wingsuits, the experienced flyers who gave their time so willingly and to Andy Ford for making it happen.

The Warp weekend (27-28 Sept) also proved a great success, producing four FS coaches and four local coaches (who will progress to FS coach once they have achieved the BPA criteria). Thanks to Paul Floyd for his informative lecture on Friday evening bringing the course together early for some discussion and to the rest of the team – John Parker, Moose, Craig, Chris, Shane, Fozzie, Kelvin, Claire, Josh, Ash and Diane.

A magnificent total of 14 teams took part in the scrambles (3-4 Oct) with an 11-strong camera team. It was an exceptional event with a great atmosphere and a large night in the bar! The standard of skydiving amongst the Baldricks was impressive and put some of the more experienced jumpers rather to shame.

Congratulations to *Team WDI* for taking the gold, *Too Cold to Jump* on silver and *Becky's Boys* on their bronze; also to Tony Lock for Best Baldrick.

The Weston Plummets took to the skies in fancy dress in aid of Children in Need (like they needed any excuse!). Characters ranged from Batman, Spiderman, cops and robbers to devils and a hippie (well, we assume Matt Attridge was in costume!). The weather gave us a warm(ish) and sunny day that saw a variety of fun, including formations and publicity jumps for the pledge line. The money raised by the ten jumpers is expected to top £2,000. Thanks to Alf, Andy C and Fordy for donating camera services and producing hilarious footage, which secured coverage in the local press, regional radio, and on the BBC!

Congratulations to Max Martin and Mark Thompson on their engagement; very romantic, he popped the question whilst on safari in Kenya. Congratulations also to the 30-strong crew who, by means of a shift system, managed to give not-so-waif-like Scouse Green the birthday bumps.

To all those who go the extra mile to make Weston run, a big thank you for 2003 and we look forward to seeing everyone at the BPA AGM.

Bev Ford

Achievements

Cat 8

Patrick Collins
Alberto Mazzaucto
Andy Friar
Nina Rowell

FS1

Jonathan Ashe
Phil Houseman

FS2

Steve Scott

Jump Numbers

100

Freddie During

400

Chris Cox

1,000

Claire Jones

Hours Freefall

Phil Houseman (1)
Scouse Green (5)



TILSTOCK



Martin Wilshaw with 74 year old Ken Taylor, by Gwyn Anthony-Ackery

The Shropshire air must be full of the right stuff because we've had a record numbers of RAPS students coming through the system this year. The dedication, enthusiasm and commitment shown is most impressive and there are certainly some future skydiving stars in the making. Long time club member Steve Cooper has taken up the challenge of becoming an instructor, and is giving the training his usual 110 %. We all wish him luck. Olly Dregghorn and Tony Houlton have been taking to wingsuits.

74 year old 'Mad' Ken Taylor did his sixth tandem jump at Tilstock this year (see picture). Ken has raised more than £ 11,000 for charity and we are all wondering when he will stop. Don Timmons and Caroline Williams announced their engagement -

congratulations to them, and also to our very own club operator Colin Fitzmaurice who has become a Grandad! Colin was last heard muttering about the war and the youth of today before going for a lie down.

Ben and Wilko did a great job of organising the Halloween party with a good turnout, plenty of food & beer, a big fire and monster fireworks. It was a good warm-up for our legendary Christmas party to be held at Hawkstone Park on 13 December, come and join the muppetry. Terry Hall is under strict instruction to keep his trousers on and the staff have been asked to get the morning coffee ready for Daz.

Ewan Bent

Achievements

First Freefall

Stephen Thomas
David Foreman-Doody
Keith Giles

Cat 8

Don Timmons
Helen Lightfoot
Andy Starr
Mike Allsopp
Nick Wood

FS1

Brian Teeson
Tye Grundy

Jump Numbers

50

Robert McCulloch

100

Neil Long

200

Claire Wilkinson

600

Ewan Bent

900

Ben Skellern

Ray Parker

5,000

Martin Wilshaw

12 Hours Freefall

Ray Parker

BLACK KNIGHTS

Achievements

First Freefall

Gordon Rhodes
Steven Redford

Cat 8

Graham Stephenson
Chris Childe

Jump Numbers

50

James Ackland

1,000

Dave Ashton

2,400

Danny Smith

2,500

Bill Sharples

Terry Kilmartin has returned to deliver CF coaching whilst Roger Morris is going to be back soon with his cameras.

The runway improvement

project is ahead of schedule. Thanks to all who have helped, we'll be reaping the benefits whilst operating throughout the winter season because of this.

Hilda Henshaw has become an appreciated regular involving herself in DZ life and supporting her husband Neil's jumping. Hilda's done a tandem, despite her rare neurological condition that often sees her zooming around the DZ in her GTI motorised scooter. Watching the video we could clearly see how excited Hilda was as she screamed the phrase "flaming hell" to the camera on exit - at least we think that's what she said... Nice one Hilda!

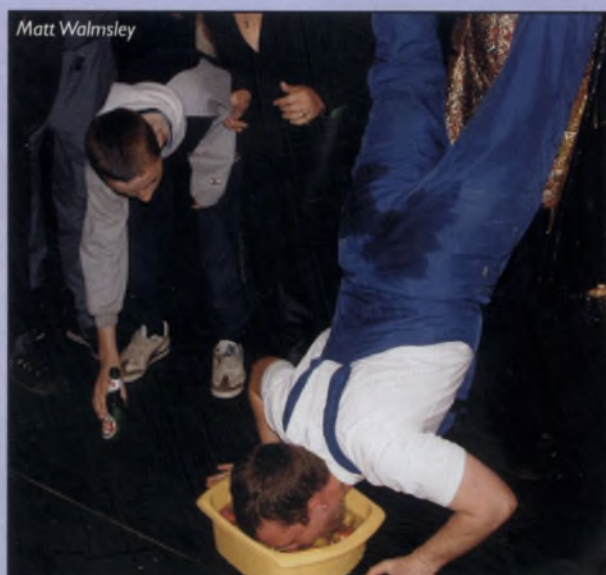
Congratulations to Graham and Chris on their Cat 8s. Graham kept working tirelessly towards his qualification and managed to

get it done the day before he left for six months in Canada. Happy travels Graham! Chris will no doubt become the latest WARP student to be coached by Ian Pringle - once Chris dries out his clothes from the water trough!

The Halloween fancy dress evening was the biggest DZ party of the year. Thanks to all who contributed masses of food, drink, superb fireworks and helped with the huge bonfire. Early hours saw an excellent vibe, music and increasingly risqué party entertainment with Jimmy Swan even spotted wearing someone's bra. It was encouraging to see our latest set of skydivers now developing their formation Stella drinking skills coached under the experienced eyes of some of our long term jumpers. Their training session finished around 5am we hear; well done lads!

Happy holidays from the BKPC team and all the best for 2004 when we'll have some major announcements on DZ events and aircraft.

Jeff Illidge



Matt Walmsley



Lee Colbeck by Ronnie O'Brien

Freeflyers over Peterborough by Stuart Meacock

Whilst wuffos all over Cambridgeshire pray for rain, skydivers at Sibson have been thanking the weather god for listening to us; it's been just gorgeous and it's gone on and on. Pretty perfect jumping weather has meant bucket loads of skydiving, flat flyers and freeflyers cramming as many in as possible before it gets a bit colder! Dave Lehane managed eight in one day. The sunset lifts ran in at 15,000, those with wingsuits getting even more mileage for their money!

It's been a great summer for students, RAPS and AFF alike, with masses of progression. David Fish (bottom right) continues to entertain with his strange obsession for hanging out with weird green monsters and we are not talking about Duncan Wright & Steve Toxic Tiller.

Welcome back to Tony Smith, who started jumping again in September after a 13 year lay-off.

We say our goodbyes, temporarily to Brad and Debbie Rock who are New Zealand bound and more permanently to Cat Hardesty, who's off to South Africa, have fun guys.

We should mention Olli Denham, who recently relocated to NZ but who oh so nearly didn't make it to NZ or in fact even out of Wansford... Olli, please avoid the roofs of moving vehicles when drunk as a skunk, the ground might be a little less forgiving down under!

Pete and Jake at Birdland Bar hosted a video competition in September. The standard was very high and all entrants were rewarded with a bottle of champagne. The winners were Sarah and Olli, 2nd place, Cornelia, Chris and Nick, 3rd place, David Fish and Duncan Wright and 4th place, Chris Donaldson and Bobby. Special note should go to David Fish and Duncan Wright for even contemplating the idea of going into Peterborough dressed like that, you were lucky to get back to the DZ without being arrested!

The evening was such a success that Pete and Jake have decided to make it an annual event. The Birdland Film Festival will take place every September, winners will receive a prestigious 'Ronnie' statue; apparently it's much better looking than an Oscar as it resembles our very own

CCI. Next year's prizes will be presented by a 'famous personality.' I believe there will be champagne too, so get the rules from Jake and Pete as you have ten months to seriously impress!

Finally, a fantastic firework and Halloween night party ensured a suitably partied-out DZ on Sunday morning, some didn't make it to bed at all...well done. It was also Cat's leaving do, of course we partied, it would've been rude not too. Thankfully Richard Luxton was on his best behaviour, it's always the quiet ones don't you know!

We're looking forward to meeting up at the BPA AGM in Leicester where we intend to have as many Sibson tables at dinner as possible. If you want a seat and a fab dinner, book a ticket with the BPA and let the DZ know that you've booked it, we will include you on a Sibson table.

So, it's been a peachy perfect summer at PPC and a great skydiving year for lots of club members. The Let comes back the beginning of March. Thank you for jumping and partying with us at Sibson in 2003, see you all in 2004.

Lizzie Harris

Achievements

Cat 8

Laura McLoughlin
Gavin Smith
Gavin Harris
James Wareham
John Parker
Stuart Parker
Lee Colbeck

FS1

Alison Chaplin
David Geffin

FF1

Duncan Wright
Cheryl Marks

FF2

Richard Luxton

Jump Numbers

50

Stuart Parker

100

Alison Chaplin
David Geffin

200

Duncan Wright

300

Richard Luxton

400

Caroline Allen
Michael Wilson Roberts

1,500 Jumps & 24 Hours Freefall

Nicole Watson

Brad Rock and Mark Harris with student, photo by Ronnie O'Brien



HEADCORN

Achievements Cat 8

Ash Wrighton
Julian Rayner
Richard Parkin
Keith Stock
Adrian Bond
Digger
Clair Winter
Tim James
Dan Tamone

FS1

Andy Bishop
Philippa Pickering
Ethen Brentwood

IC1

Ethen Brentwood

Jump Nos 50

Adrian Bond
Ethen Brentwood
200
Trevor Cowell
400
John Ashton
600
Andy Holland
800
Liz Haynes
1,000
John Vale
1,400
Mike Dawson
5,000
Clem Quinn
Andy Ring
10,000
Chris Lynch

Hrs Freefall

Peter Sizer (48)

Regulars did a jump into Bewl Reservoir in September which went off with the usual fun and games. We've waved goodbye to the Let until next Spring, but the Beaver is back for the winter. Bonfire night had everyone out for a huge fire and barbeque, with a bring-your-own-rocket firework display that went on and on and on. We did notice the boys tended to go for the rockets which made a big bang but didn't last long, whereas the girls went for the prettier ones which lasted longer! Hmm...

As it was so cold we had no option but to go to Wings to warm up afterwards, where a Blues Brothers tribute band kept us entertained. We were surprised to see Chris Carroll on stage - he hadn't told us of his hidden singing talents! Residents of Headcorn should be on the alert since Halloween - Pete Leighton's teeth are still on the loose somewhere in the village!

Ruth Cooper



HINTON

Mid September saw a Skyvan at Hinton for the weekend, so all those who had never jumped a tailgate exit aircraft were filling their boots (or bootees!).

Early October saw the fun 8-way speed meet in clear blue skies. It was great to see so many people come back after doing their 'team thing' this year. There was lots of catching up on gossip and Saturday night saw a lamb roast giving desolation to the bar. Ivan won the 'worst landing of the weekend' with a windsock encounter - not so super swoop! The eventual winners were *Octopussy* (supposed to be an all girls team but some boys became honorary chicks) pipping *Altern8* to the post.

With the mass exodus to the Kenya Boogie again, we thought it would be a bit quieter... no chance! Enter the Redlands rabble whom we introduced to the tradition that is Sunday Roast here.

Steve and Elaine's annual fireworks party went off with the biggest bang ever. The earth and many windows were shaking with some of the explosions. The neighbours even gave a round of applause when the fireworks had finished! Either because they enjoyed the display or in relief that their houses were still intact... We held a fireworks party on the DZ the next night, which saw even more explosions, very strange sound effects, entertainment from Ryan and Lucy, and various dangerous skateboard antics.

Goodbye to Alex, who has gone to New Zealand. No doubt him and Gus are doing their 'Dude, Sweet' thing everywhere there. Clair Tuckett has caught the travel bug and is going off around the world. Congratulations to Zoe and Pete Stoneman on tying the knot in Thailand on Halloween. Pete is actually smiling in a photo!

Caroline White

CARK

Achievements

Cat 8

Maddy West
Danny Hogan
Matt Lee
Peter Milojevic
Brenda Roche

FS1

Steven Edge
Roy Liptrott

Jump Numbers

100

Marcus Barrington
1,200
Helen Shaw
1,800
Keith Toyer
2,400
Steve Nolan

The Let 410 came back for three days in October which was marvellous, we made the most of it. The BCPA held their Freshers Meet with us, a lot of students attended and we also held our speed meet which I organised. We didn't make teams of ten as planned but teams of seven, made up of Cark and Cockerham jumpers; we all had a laugh. The competition was close, and I mean close, the rounds had to be re-judged in order to identify first place. The *Seven Dwarfs* were the winners, followed by *The Famous 5* and *2 Chix* only half a second behind, with *The Magnificent Seven* third.

Birthday celebrations all round for Jan Fallon, Craig Kelsall (both 40) and Mick Carruthers gave plenty of hangovers as well as birthday cake! Jan was quite worse for wear and there are photos to prove it!

Many of Cark's jumpers came to my Halloween party. The costumes were hilarious and it certainly was a night to remember. We all got very drunk to say the least, there was plenty of fake blood to go round (Craig even brought spare with him?) and my cocktails went down a treat! (Get it? Treat!)

A group of experienced jumpers are taking some students for a weekend in Paris to the tunnel. Fifteen of us are going and we are hoping this will be a learning experience as well as a great trip away. I can't wait to see Nik 'Smiler' Barnett in there, just exactly how much bigger will his smile get?!

Enjoy what's left of 2003 and have a great Christmas. NWPC reopens in January, date to be confirmed.

Michelle Meakins



Jan Fallon's birthday



Michelle's party

Photos: Ellen North & Michelle Meakins

Hinton Achievements

IC1 & FS1

Leni Siddons
Dan Nel
Leni Siddons

Jump Numbers

100

Dan Nel
Len Tetley
400
Sandy Poole
600
Chris Lewis
1,000
Clare Jones
1,300
Maddy Moore

Kenya Boogie

A group of us went to the Kenya boogie in October flying the Twin Otter from Nairobi and jumping in to Diani Beach for the last-light load on Friday. Landing on the sand in front of the hotel, dodging the palm trees then watching the Twin Otter on its first beat up was kinda cool.

The boogie was at the four star Alliance Safari Beach Hotel with manifesting, packing etc under the palm trees, a short minibus trip to Ukunda airport where the Twin Otter took off and then jumping back into the hotel. It truly was a 'Beach Boogie' - I can tell from the amount of sand still in my gear!

The skydivers were mostly Brits, with many other assorted nationalities making for fun times in the sky and in the bar. Each night the hard core Brits entertained the locals. Dan Nel's fire-spinning demos got the crowd cheering - too much temptation for Ian McConnell who just had to have a go too... good effort at a human fireball! Geoff's pool party started off quite sedately, but soon escalated to pool games and three tier pyramid building, amongst other things (Geoff and Ian!).

Consequently there were a few absences from the first loads but then no one was taking it all too seriously. Even load organiser Patrick Passe got into the party spirit, realising that good fun jumps were being done but we weren't going to break any records for FS! The freeflyers can always use the 'free and easy' nature of the discipline to explain away lack of co-ordination on the earlier loads. Me? I just had to use the 'I'm useless anyway' excuse.

With Patrick teaching the finer points of flat flying, the quality of the jumps improved and we were soon turning five point 12-ways with a lot of laughs. Chris Lewis and Alain Vejux did intermediate load organising also sneaking onto a couple of Patrick's loads. Freeflying was hot and happening with Matt O'Riordan overseeing excellent head up, head down, solo and flocking wingsuit jumps. The CRW guys, with the experienced Steve Saunders and Paul at the helm, saw newbies landing 5-stacks on the



beach. They then completed the first 4-way diamond built in Kenya, with two local jumpers.

A varied and eclectic selection of inflatables were taken for a skydive. A couple of excellent raft jumps saw the boats being ridden all the way to break-off - it even looked like most people were in control. Julien 'Brussel Sprout' Degen managed to replace a pair of forgotten goggles on a raft-riding skydiver's face as he flew around the raft - nice! An inflatable shark proved an hilarious experience for 'the usually in

control except in the bar' Julie Woodrow with video of her in an awesome spin hanging on for dear life. Our inflatable octopus flew in a spectacular fashion, held all the way to break-off by Dan Nel, but losing Harro completely!

I left Kenya with very happy memories, a rekindled desire for good FS, a liver in need of serious de-tox(!) and having made a lot of new friends who want to visit me in Oz. Hakuna matata!

Heather Little



Kenya photos by Steve Saunders & Ian McConnell



NETHERAVON

Achievements

Cat 8

Dave Walker
Andy Lewis
Ade Bermingham
Trevor Wickett
Andy Marlor
Antony French
Amanda Karlsson
Mark 'Zeb' Smith
Matty McColgan
Wayne Clarke
Gordon Wallace
Steve Chadwick
Damon Hollick
Graham Jolliffe,
Felix Diekmann
Doug Newell
Lloyd Newell
Dave Cockle
Trevor Wickett
Debbie Lamsley
Nikki Biggs

FS1

Kevin Legg
Leah Parle
Paul Morgan
Matty McColgan

IC1

Steve Chadwick
Gronit
Kevin Legg
Leah Parle

FF1

Geordie Brown
Jeff Cook

Jump Numbers

50

Steve Chadwick
Nigel Kirby
Jason Legg
Paul Morgan
Nell Preedy
Ian Thomas

100

Wayne Clarke
Wayne Collier
Kevin O'Gara
Leah Parle
Andy Sydenham
Simon Wilson

200

Geordie Brown
400

Adam Jones

500

Dave Clarke
Greg Henry

600

Stephan Reynolds

700

Mike Lewis

3,000

Geordie Page

Hours Freefall

Steve Lambert (12)
Ash Hollick (24)
Stu Albon (36)
Jeff Chandler (48)

UK Swoop Tour



Steve Langley

August bank holiday was the second stop of the UK Swoop Tour. 16 competitors entered on canopies from sub 90 sqft cross-braced to more rectangular 135 sqft wings. Rounds 1 & 2 were distance events; 3 & 4 distance with bonus targets. 5 & 6 were carving distance, new this meet, with the initial 30ft crosswind followed by a medium carve round into wind. The course was set up out front, enabling spectators to hear the dives, feel the squeeze of the rear risers and experience the speed as competitors stormed past. Saturday was mostly practice for competitors to adjust to the layout of the DZ, plus round 1.

Three rounds were completed on Sunday. The course was then moved and for safety, another practice round was held followed by round 5. The final round was Monday morning after the party. When it arrived there was a frantic search for missing (hung over?) competitors. It was great to see people scouring the DZ looking for jumpers who could well have ended up beating them. (Where WAS Smudge?!)

The more serious competitors were pacing the course, feeling air pressure, density and wind strength, watching other canopies, calculating set-up points,

dirt-diving and placing out markers. Consistency was the key to medals. Chris Lynch took gold on his Velocity 96, Tim Carter silver with a VX 79 and Gary 'Swoop' Wainwright bronze on his Velocity 103. Swoop had a mal and rejumped in unfavourable conditions.

Much has been learned about these meets. Safety adjustments for the future will include mandatory on site training jumps and stricter minimum performance criteria.

See www.swooping.co.uk

Al Macartney

Everyone made a fantastic effort at poshing up for the social event of the year – the APA Autumn Ball. It kicked off with a champagne reception and a jazz band. An excellent three course dinner followed, courtesy of Sharky and the boys from *Hot Stuff*. Dave Clarke is a man of hidden talents and gave a brilliant light box display. Top entertainment followed with the gyroscope, bucking bronco, bungee run and a memorable Pam vs Pam encounter in the sumo suits. No injuries other than loss of dignity!

3am bacon butties proved a real lifesaver just before Sooty, Smudge and Billy provided more entertainment – this time without the sumo suits. Nice one lads, we look forward to your return from

exile! Thanks to Tommy and staff for an excellent night.

Leah Parle and friends celebrated her 21st birthday and 100th skydive with a static-line jump. Leah, Jeff, Nigel, Paul and Ian made up a Caravan load, all captured on film and shown in the bar – bit of a risk guys – some of you should be back on DPs! You know who you are... Jeff! (Only joking!)

Congratulations to Andy Goodall and Sarah Smith who are tying the knot. Commiserations to Geordie for failing to keep his 3,000th jump quiet. Nice choice to mark the event mate – a tandem!

Kath Salisbury

Simon Ward



LANGAR

Achievements

First Freefall

Gemma Wake
Louise Williams
Liz Dodson
Kev Morris

Cat 8

Pete Bacon
John Coxon
Ben Seguss
Paul McBrearty
Steve Smith
Steve Ward
Carl Pickering
Ian Proudlove
Greg Fisher
Jason Brown
Keith Jarvis
Hannah Betts
Richard Thiele
Darren Chaney
Rolf Baxter
Gemma Wake
Scott Applegarth
Fraser Hamilton
Kate Morris
Rob Peterson
Colin Bell
Paul Mills

IC1

Clare Wilson
Ross Lambert
Chris Britton

FS1

Paul Rimmington
Paul Fletcher
Adam Bean
Martin Hopkins
Adrian Davies

FF1

Joe Carnegie
Linda Gorman

FF2

Weed Stoodley
Craig Poxon

Jump Numbers

100

Clare Wilson
Ross Lambert
Joe Carnegie
Andrea MacLeod
Adrian Davies

200

Tina Wiseman
Kris Ridley
Caroline Guest
Laurence Richardson
Jennie Sedgwick

300

Jo Merry

400

Jim Bradwell

500

Tash Higman

600

Katie Woods
Fiona Birnie

700

Paul Henderson

800

Paul Rowe

1,000

Craig Poxon
Elliot Martin

1,100

Glen Burchill

1,300

James Edwards
Steve Newman

1,400

Billy Payn

1,500

Lynn Brazier

Hours Freefall

Sylv Radcliffe (12)
Dave Lewis (24)
Chris McCann (36)
Dave Hickling (120)

Langar Boogie skydive organised by
Caroline Hughes, photo by Gary Wainwright

A Skyvan, Let 410 and Cessna Caravan made plenty of lift capacity for Langar Boogie 2, a great end of season bash. We had aficionados of pretty much every skydiving discipline, with FS well represented by the Brit Chicks, POPs record attempt and our home-grown organisers too.

Bullet Freefly School recruited Rob Silver, national freefly champion, to coach. We ran him off his feet. Rob did a great job for everybody, with unfailing good humour, not to say a broad grin at all times. Rob, Saul Thomas, Elliot Martin and Steve Newman took advantage of the multi-aircraft formation loads that the POPs and Chicks were taking up to make a head-down 4-way formation exiting from two aircraft – a first in the UK? A first at Langar, at least.

The wingsuit guys had fun with the Skyvan using their skills to ride the slipstream to a higher altitude than they exited at – looks bizarre on video!

Three 4-way teams entered the CF Regionals at the end of September, including two home-grown teams. Visitors H2O took the gold medal in 4-way rotations and silver in 4-way speed. Mark Weaver's local team, *The Great Humongous*, placed first in 4-way speed, and *The Road Warriors* took silver in rotations and bronze in speed. Just three teams meant they were all jumping on one pass from the Caravan – great to see so much CF in the sky all at once. The British women's CF record was achieved on the very first attempt, well done! See page 10 for full story.

Tony Danbury

Tony Danbury



WILD GEESE



John McCourt

It's been a quiet couple of months with the only excitement being a photo shoot for a glamour magazine. Jenny and her entourage turned up early one Sunday morning and, after posing in her various outfits for pics, she was briefed for a tandem jump. The instructors fought over who should take this young babe to 13,000 feet.

A couple exited at 5,000 ft and the model burst into tears but like a true professional, she still wanted to jump. In freefall Jenny screamed the whole way down, so the pictures aren't quite what the magazine was looking for but the club got a great article.

John McCourt

Achievements

First Freefall

Peter Rice
Hugh McCanphill
Rob McCrory

Cat 8

Peter Mulligan

PARAGON

The club Christmas party looks set to break all records this year and the karaoke session will probably break all windows as well but, to the freshly inebriated, I'm sure it will sound wonderful. Special report and possibly incriminating photographs next issue.

Sales of thermal undies have gone through the roof locally as we've experienced some of the coldest temperatures at altitude I can remember. Alice has turned a fetching shade of blue and only the efforts of packing have stopped her from freezing up completely.

Happy birthday to our long suffering manifester, Irene. I am far too much of a gentleman to say just what birthday it is, mainly due to Irene's renowned left hook. The present's in the post.

Gavin Simpson recently celebrated the 18th anniversary of jump number 1 by getting our pilot, Tom Boyle to sign his first jump certificate. Tom, flew his 182 (G-AVID) for Gavin's first jump at Fordoun.

A Merry Christmas and mega New Year from all at Paragon.

Bob Henderson & Lynsey McLagan

Photo: Bob Henderson



Gavin Clark

First Freefall
Gavin Clark (above)
200 Jumps
Mike Paterson

DUNKESWELL

The Plymouth University students are still dominant in jumping and also drinking but some of us here fear that beer fines are NOT being paid...we will find you! Many of our students are progressing well and providing much entertainment along the way with all the normal excuses and stories as to how their jumps went... we've heard them all before! Gavin Horrell deserves his own paragraph as alone he seems to provide most of the DZ entertainment and stir up as much dirt as everyone else does put together!

Daz Clayton is now cleared as a jump pilot and is doing us all proud, good job Daz and a big thank-you to all the other pilots too. Also a thumbs-up to Smithy for all his hard work in the packing shed keeping the tandems in the air and Gavin off the ground! Red is hopefully now only a few jumps away from Cat 8.

Finally a big sigh of relief from all us wimps as our new rollover door has been fitted... and a bigger surprise is that Andy has not even increased the jump prices!

Thank you all for a great turnout at the Christmas party, we hope you all enjoyed it, and a special thanks to the guys who keep our friendly little dz going!

Dan Batchelor

Achievements

First Freefall

Chris Mills
Mike Robbins
Matt Chudet
Will Beaumont
Kat Rayson
Steve Howes
Dan Cowley
Donald
Thorban-Muirhead

Cat 8

Christian Lawler
Annabel Clark
Kat Rayson
Steve Howes

IC1

Dan Batchelor
FS1
Martin Pope

50 Jumps

Leanne Milligan
Lizzy Swan

New Cat 8s Kat Rayson & Annabell Clark
Photo by Dan Batchelor



RAPA

The time has come to say farewell to the assistant staff again; Spence Hogg & Daz Buckley return to their regimental ski team, Paul Harris goes back to the Royal Military College at Shrivenham and Jamie Millgate returns to his regiment on promotion – well done Jamie!

Steve Millington is leaving us to return to the land of blue (the RAF) after completing his PR course nice – one and farewell. Well done to the others who attended the riggers course run at RAPA in Nov. We say hello to Guy (Mac Hutch) Hutchins who has replaced Phill Collett as the resident RAF parachute instructor at RAPA.

The senior staff's well deserved Christmas leave will be followed by staff training at Perris in January, making use of the new wind tunnel and canopy school to hone our skills for the coming season.

40th Anniversary Championships

The biggest thing at RAPA next year will be the British Forces Germany Parachute Championships. This will also mark the 40th anniversary of RAPA. We want to make this a little special. It would be nice to make it a massive reunion event, with jumpers, teams, retired jumpers, riggers and pilots all getting together for lots of fun, skydiving and entertainment.

The meet starts on Sunday 13 June and finishes the following Saturday. Events include style & accuracy, pond swooping and FS. Please spread the word to all RAPA jumpers past and present. Bring memorabilia! Cheap flights daily into Paderborn from Stanstead are at:

www.Airberlin.de

Alex Busby



CYPRUS

200 Jumps

Pelham Georgiades
Demetris Demetriou

4,000 Flying Hours

Modestos Meletioui

Thanks to some of the Red Devils who spent a fair bit of time over in Cyprus during the summer helping out (I'm sure it's a hard life guys!). Goodbye to some members; Chris Kelly – off to Scotland, John Dean – off to Germany and Helen Mills & Chris Backhouse – back to the UK.

Helen Mills

BCPA

Held earlier than normal this year at Cark, the traditional Freshers weekend was well attended with nearly 60 students from five universities from across England – Lancaster, Leeds, Manchester, Newcastle and UWE, plus a few other individuals. Most people arrived on Friday evening, giving plenty of opportunity to share a few beers and stories of events over the summer.

Saturday morning was greeted with the glass-nosed Turbolet, clear blue skies, and friendly winds. Most people were able to appreciate the stunning views of the coastal mudflats and Lake Windemere from altitude. In the afternoon there was an attempt to set a new BCPA big-way record – but it wasn't meant to be. Later in the evening, after a few hiccups getting the DJ to Cark, the party erupted with vodka jelly and punch both making the rounds (happy birthday Timmy!). Thanks to Lorraine for organising a successful weekend.

The annual trip abroad in April is looking to be well attended. Places are filling up fast. For further details and how to register go to foreigntrip@bcpa.org.uk

It's not too late for university clubs to affiliate to the BCPA, go to www.bcpa.org.uk

Iain Firkins

POPS

There was no new record set at Langar in September, but Jack & Co will be trying again next year. So watch this space or contact Jack Felstead

jack.felstead@connectfree.co.uk

Congratulations to Caroline O'Hagan on achieving 700 jumps.

If you are interested in attending the POPS world meet in Switzerland, full info is available on www.swisspops.ch

Niels Hansen

PUMPKINS

Team Pumpkin are mostly going into hibernation for the winter in the UK with some migrating to Elsinore and Eloy to continue jumping in warmer conditions. Next social will be the AGM in January. Our last major gathering was a weekend's jumping at Sibson and other assorted events arranged by Dave Fish and Pete Farrow. The weather wasn't as kind as we hoped but the fancy dress party made up for it.

Martin Williams

Non BPA Affiliated centres



John Knight & Caroline O'Hagan, by Paul French

Please welcome POPS New Members

Phil Cosgrove
Stephen Watts
ET McBride
Janet Willcox

Brian Laithwaite
Henry Thompson
Elliot Borthwick
R Mark Dyson



200 Jumps
Ainsley Walters

900 Jumps
Alex Waller

Pumpkins at Sibson, by Steve Tiller



TEL. 00 34 972 450 111

www.skyrats.com

The Parachute Centre at Tilstock

is very busy and we need another two

PART-TIME CSIs

to complement our existing staff.

We operate on Friday, Saturday and Bank Holidays so it would suit Instructors who wish to keep current and who would like to fun jump somewhere on Sundays.

If you are interested in working in a fun environment call Colin Fitzmaurice on 01948 841111



groundrush 

www.groundrushuk.com

AFF 9-stages NZ\$2135 (FAI recognised) - Sport Jumping - RWV/Freely coaching - Tandems - Turbine a/craft - 7 Days a week - Best weather in NZ



SKYDIVE
Abel Tasman NZ

Motueka Airport Abel Tasman, New Zealand
T+64-3 528 4091 F+64 3 528 4092
tandem@skydive.co.nz www.skydive.co.nz

SKYDIVE MAROCO

TAROUDANNT 3rd YEARS

From 15 December 2003 to 29 February 2004

PILATUS 14000 ft - Price pr jump 22 euros

(Special price for teams)

AFF School with coaching to licence FFA, FSI



Registration :

www.air-mauss.com/maroc

+33 5 56 09 99 24 - +33 6 07 49 79 64



Travel and accomodation :

+33 1 45 49 32 06 - infos@pass-sport.fr



Please contact us to request our brochure and price list
Tel / Fax: 01509 210463
Mobile: 07733216324

BRAND NEW ALTIMETER RANGE now available in the UK.

Manufactured to the highest standards by a leading European Aerospace Company.

Altimeters & accessories available in a wide variety of colours. Models range from basic up to professional.

Prices start from £72 inc VAT
FREE ACCESSORIES SUPPLIED WITH SELECTED MODELS
LIFETIME GUARANTEE ON EVERY ALTIMETER

Life's A Journey. Make Yours An Odyssey!



813-782-9242 • Fax 813-788-3057 • www.sunpath.com
4439 Skydive Lane • Zephyrhills, FL 33542 USA



Facilities

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

Coaching

- LO Load Organisers
- FS Formation Skydiving
- CF Canopy Formation
- FF Freeflying
- AC Accuracy
- WP WARP
- SU Skydive U

BPA Affiliated Drop Zones



Civilian BPA Centres 1-21

Military BPA Centres A-D

1 Black Knights
01524 791 820



Black Knights Parachute Centre
Patty's Farm, Hilliam Lane, Cockerham, Lancaster LA2 0DY
Tel: 01524 791 820 Fax: 01772 717 624
www.bkpc.co.uk info@bkpc.co.uk
Aircraft: Cessna 185
Open: 8am - 8pm, weekends and bank holidays, Fridays in summer & other days by arrangement
First Jump Courses: RAPS, AFF, tandem
Always a warm welcome at the North West's most accessible drop zone. Come visit us.

LO FS CF FF WP

2 Border
01665 589 000



Border Parachute Centre
Brunton Airfield, Chathill, Northumberland NE67 5ER
Tel: 01665 589 000 Fax: 01494 444 326
cifpara@hotmail.com info@britishskysports.co.uk
www.borderparachute.co.uk
Aircraft: Cessna 206, Islander
Open: 9am - dark, Fri-Sun. Tue-Thu by arrangement
First Jump Courses: RAPS, AFF, tandem

LO FS CF AC WP

3 Langar
01949 860 878



British Parachute Schools
Langar Airfield, Langar, Nottingham NG13 9HY
Tel: 01949 860 878 Fax: 01949 860 012
www.bpslangar.co.uk info@bpslangar.co.uk
Aircraft: Turbolet (summer), Cessna 206, Grand Caravan, SkyVan occasionally
Open: 9am - 8pm (or sunset) every day, 10am start Sun.
Office open every day 8.30am - 6pm
First Jump Courses: RAPS, AFF, tandem
Lots of aircraft, always lots of jumping, busy every day - midweek too!

LO FS CF FF WP

4 Bridlington
01262 677 367



British Skysports, Bridlington
East Leys Farm, Grindale Rd, Bridlington, E Yorks YO16 4YB
Tel: 01262 677 367 or 07836 276 188
Fax: 01262 401 871
www.britishskysports.co.uk info@britishskysports.co.uk
Aircraft: Cessna 206
Open: 8am - 8pm every day
First Jump Courses: RAPS, AFF, tandem

FS CF AC WP

5 Dunkeswell
01404 891 690



Devon & Somerset Parachute School
30 Tower Way, Dunkeswell, Nr Honiton, Devon EX14 4XR
Tel: 01404 891 690 Fax: 01404 891 690
aguest1@compuserve.com
www.parachuting-uk.com
Aircraft: Cessna 206
Open: 9am - sunset Wed-Sun, midweek by arrangement
First Jump Courses: RAPS, tandem

CF SU

6 Headcorn
01622 890 862



Headcorn Parachute Centre
Headcorn Airfield, Headcorn, Kent TN27 9HX
Tel: 01622 890 862 Fax: 01622 890 641
headcorn@btconnect.com
www.headcornparachuteclub.co.uk
Aircraft: Beaver (winter), Let 410 (summer), Islander
Open: 9am - dusk Tuesday to Sunday. 1pm - dusk on Mondays in summer.
First Jump Courses: RAPS, AFF, tandem
Come and join in the fun here at Headcorn!

LO FS CF FF AC WP

7 Hinton
01295 812 300



Hinton Skydiving Centre
Hinton Airfield, Steane, Brackley, Northants NN13 5NS
Tel: 01295 812 300 Fax: 01295 812 400
info@skydive.co.uk
www.skydive.co.uk
Aircraft: Nomad/Beaver (Mar-Oct), Cessna 206
Open: 8am - 9pm at weekends. 9am - 7pm, Tue-Fri
First Jump Courses: RAPS, AFF, tandem
Small and friendly

FS CF FF AC WP

8 London
01494 459 500



London Parachute School
31 Green Street, Hazlemere, Bucks HP15 7RA
Drop Zone located off Junction 6 of M40
Tel: 01494 459 500 Fax: 01494 444 326
info@londonparachuteschool.com
www.londonparachuteschool.com
Aircraft: Islander, Cessna 206
Open: 9am - dusk at weekends
First Jump Courses: RAPS, tandem, AFF

LO FS CF AC WP

9 Chatteris
01354 740 810

NLPC

North London Parachute Centre

Chatteris Airfield, Nr Stonea, March, Cambs PE15 0EA
Tel: 01354 740 810 Fax: 01354 740 406

chatpara@aol.com

www.ukskydiving.com

Aircraft: Nomad

Open: 8am – 8pm Tue-Sun in summer.

9am – dark Wed-Sun in winter

First Jump Courses: rounds, RAPS, AFF, tandem

A friendly, progressive drop zone with excellent facilities that are constantly being updated.

 LO FS CF FF WP SU

10 Cark
01229 889 516

NORTH WEST

North West Parachute Centre

Cark Airfield, Flookburgh, Nr Grange-over-Sands, Cumbria LA11 7LS

Tel: 01229 889 516 Weekends: 01539 558 672

Fax: 01772 787 106 skydive-northwest@totalise.co.uk

www.skydive-northwest.com

Aircraft: Turbolet 410 (by arrangement), Islander

Open: 9am – 9pm, w/ends & bank hols, weekdays by arrangement

First Jump Courses: RAPS, tandem, AFF

Set in beautiful surroundings of the Lake District. We aim to make everyone feel welcome.

 LO FS CF FF WP

11 Paragon
01821 642 454

Paragon Skydiving

Errol Airfield, Grange, Errol, Perthshire PH2 7TB

Tel: 01821 642 454 Fax: 01821 642 656

www.paragonskydiving.20m.com

bg@gollan66.fsnet.co.uk

Aircraft: Cessna 182

Open: 9am – 6pm Sat, 10am – 6pm Sun all year. 9am – 7pm Wed-Fri in summer for courses & tandems only

First Jump Courses: RAPS, tandem

Nice friendly DZ, beautiful scenery, barbecue every Sat night so come along and chill out.

 FS CF WP

12 Sibson
01832 280 490

Peterborough Parachute Centre

Sibson Airfield, Wansford, Peterborough PE8 6NE

Tel: 01832 280 490 Fax: 01832 280 409

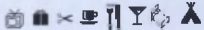
www.skydivesibson.com skydivesibson@btopenworld.com

Aircraft: Turbolet (summer), Cessna 206

Open: 8am – 8pm. Tue-Sun in summer (Mar-Nov). Wed-Sun in winter (Dec-Feb). Closed January

First Jump Courses: RAPS, AFF, tandem

"Unrestricted altitude at competitive prices", "Great facilities", "World class coaching" – Quotes from our customers.

 LO FS FF AC WP SU

13 Peterlee
0191 517 1234

Peterlee Parachute Centre

The Airfield, Shotton Colliery, Co Durham DH6 2NH

Tel: 0191 517 1234 Fax: 0191 517 1234

shottonairfield@aol.com

<http://members.aol.com/skydiveamy>

Aircraft: Cessna 182, Let 410 (Apr-early Nov)

Open: 8.30am – 8.30pm weekends & bank holidays.

1pm – 8.30pm Wed-Fri. Flexible hours, phone to confirm

First Jump Courses: RAPS, AFF, tandem

15 minutes drive from Durham city, 25 minutes from Newcastle, centrally located for NE England.

 FS CF WP

14 Redlands
01902 653 220

SKYDIVE REDLANDS

Skydive Redlands

Redlands Farm, Wanborough, Swindon, Wiltshire

Tel: 01902 653 220 Fax: 01902 653 220

Weekends: 01793 791 211

skydiveredlands@aol.com

www.skydiveredlands.com

Aircraft: Cessna 206, Finist Turbine (until Jul & from 9 Aug)

Open: 9am – 8pm at weekends. Please call

07855 908 083 prior to coming

First Jump Courses: RAPS

Indoor packing, hot and cold food.

 LO FS

15 South Cerney
07779 019 655

Skydive SOUTH WEST

Skydive Southwest

Duke of Gloucester Barracks, South Cerney, Cirencester, Gloucester GL7 5RD

Tel: 07779 019 655 will@skydivesouthwest.co.uk

www.skydivesouthwest.co.uk

Aircraft: Cessna 182, Islander

Open: Fri-Sun (weekdays by arrangement)

First Jump Courses: tandem, RAPS, AFF

 AC WP

16 St Andrews
01334 880 678

skydive St Andrews

Skydive St Andrews

Kingsmuir Airfield, Saint Andrews, Fife KY16 8QQ

skydivestandrews@mail.com

Tel: 01334 880 678

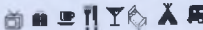
www.skydivestandrews.co.uk

Aircraft: Cessna 185, Turbo 206, Turbine for special events

Open: Weekends & bank holidays, midweek by arrangement

First Jump Courses: RAPS, AFF, tandem

A warm welcome, comfortable surroundings and professional service await you at Scotland's newest parachute centre.

 LO FS CF FF WP SU

17 Strathallan
0774 686 161

Skydive Strathallan

Skydive Strathallan

Strathallan Airfield, Nr Auchterarder, Perthshire PH3 1LA

Weekends: 01764 662 572

Tel: 07774 686 161 Fax: 01236 732 461

kbrady@fsbdial.co.uk

www.skydivestrathallan.co.uk

Aircraft: Turbine (for various events), 2 x Cessna 206

Open: 9am – 9pm weekends & bank holidays.

5pm – 9pm Fridays in summer

First Jump Courses: rounds, RAPS, tandem

 LO FS CF FF AC WP

18 Target
0113 250 5600

SKYDIVE HIBALDSTOW

Target Skysports

Hibaldstow Airfield, Hibaldstow,

Brigg, N Lincs DN20 9NN

Tel/Fax: 0113 250 5600 DZ: 01652 648 837

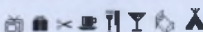
www.skydiving.co.uk info@targetsky.demon.co.uk

Aircraft: Dornier G92 twin turbine, SMG-92 single turbine, Cherokee 6

Open: 9am – dusk every day

First Jump Courses: RAPS, AFF, tandem

15,000ft on most lifts, new canopy flight school, host to 2003 BPA FS and Artistic Nationals.

 LO FS FF WP SU

19 Tilstock
01948 841 111

THE PARACHUTE CENTRE LTD.

The Parachute Centre

Tilstock Airfield, Whitechurch, Shropshire SY13 2HA

Tel: 01948 841 111 Fax: 01948 840 638

skydive@theparachutecentre.com

www.theparachutecentre.com

Aircraft: 2 x Cessna 206

Open: 10am – dark Fri. 8am – dark Sat. 9am – dark on bank holidays

First Jump Courses: RAPS, AFF, tandem

 LO FS WP

20 UK Parachuting
01953 861 030

UK Parachuting

UK Parachuting

Old Buckenham Airfield, Attleborough, Norfolk NR17 1PU

Tel: 01953 861 030 or 08456 585 544

Fax: 01953 861 031

jump@ukparachuting.co.uk

www.ukparachuting.co.uk

Aircraft: PA-32 (available for displays)

Open: Weekends & weekdays by arrangement

First Jump Courses: RAPS, tandem

 FS

21 Wild Geese
028 2955 8609

Wild Geese Skydive Centre

Movenis Airfield, 116 Carrowreagh Road, Garvagh,

Coleraine, Co Londonderry, N Ireland BT51 5LQ

Tel: 028 2955 8609 Fax: 028 2955 7050

parachute@wildgeese.demon.co.uk

www.wildgeese.demon.co.uk

Aircraft: Cessna 206, Cessna Caravan

Open: Dawn – dusk at weekends. 9.30am – 5pm

weekdays (or later by arrangement)

First Jump Courses: RAPS, tandem

Friendly atmosphere, fantastic views of north coast, excellent facilities, no restrictions, plenty of local entertainment.

 LO FS CF WP

UK Military DZs

A Army Parachute Association

APA Airfield Camp, Netheravon,

Salisbury, Wilts SP4 9SF

Tel: 01980 678 250

Fax: 01980 671 026

apa@netheravon.fsnet.co.uk

www.netheravon.com

B RAFSPA & RAFSPA

Hawks Parachute Team

JSPC (W) RAF Weston-on-the-

Green, Bicester, Oxon OX25 3TQ

Tel: 01869 343 343 / 343 201

Fax: 01869 343 676

skydiveweston.rafspa@virgin.net

www.rafspa.com

C Services Parachute Centre

Shackleton Barracks, BFPO 802

Tel: 02877 721 472

Fax: 02877 721 342

D Silver Stars Parachute Team

Duke of Gloucester Barracks,

South Cerney, Cirencester,

Gloucester GL7 5RD

Tel: 01285 868259

Fax: 01285 861344

info@silverstars.org.uk

www.silverstars.org.uk

Overseas Military DZs

Cyprus Combined Services Parachute Centre (CCSPC)

Dhekalia Garrison, BFPO 58,

Cyprus

Tel: 00 357 2474 4337

Fax: 00 357 2474 4180

skydive@logos.cy.net

www.skydivencyprus.com

Rhine Army Parachute Association JSPC (L) (RAPA)

PTC HQ ATG (G), BFPO 16

Tel: 0049 5254 982 2378

Fax: 0049 5254 982 2740

awright91@aol.com

<http://jspc.de>

(unofficial website)

Safire 2



ICARUS GUARANTEES -

*Superior Openings. A Greater Flight Range
and a More Powerful Flare than the Sabre 2
or any other mid-range 9 cell -*

OR YOUR MONEY BACK!

refer www.icaruscanopies.com/guarantee.htm for details

ICARUS
Safire 2



Icarus Canopies
U.K Distributor

GET AN ICARUS - CREATE A PASSION

U.S.A: Ph. 630 562 2735, Fax: 630 231 4430

EU: Ph. +34 938 496 432, Fax: +34 938 497 971

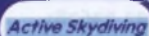
www.icaruscanopies.com

Icarus
CANOPIES
one step ahead

BPA Associated Organisations

The following organisations are run under the BPA Operations Manual when operating at BPA Affiliated Centres. The BPA takes no responsibility for training or advice when these organisations operate at other centres.

Active Skydiving



Active Skydiving

Glengoyonan, St Fillans, Perthshire PH6 2ND
Tel/Fax: 01764 685316
 Mobile: 07803 041348
scotty@activeskydiving.com
www.activeskydiving.com
Contact: Scotty Milne
Courses: AFF
Location: Spain, USA

The Freefall Company



FreeFall Company

The Coach House, West St, Epsom, Surrey KT18 7RL
Tel: (Spain) 00 34 972 45 45 63
kevin@freefallco.com
www.freefallco.com
Contact: Kevin McCarthy
Courses: AFF
Location: Spain

Red Devils



Red Devils

Airfield Camp, Netheravon, Wiltshire SP4 9SF
Tel: 01980 678211 or 300 / 212
 Fax: 01980 678349
reddevils@reddevilsonline.com
www.reddevilsonline.com
 Displays, tandem
Contact: Edward Paxton
Courses: Tandem
Location: UK (Netheravon)

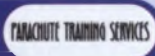
Airwaves



Airwaves International Skydiving School

78 High Street, Bexley, Kent DA5 1LB
Tel: 01322 557375
 Mobile: 07802 472 566
 France: 00 33 (0) 619 605 997
skydive@air-waves.co.uk
www.air-waves.co.uk
Contact: Rod Bartholomew
Courses: AFF, RAPS, progression, tandem
Location: France, USA

Parachute Training Services



Parachute Training Services

11 Godwyn Close, Abingdon, Oxon OX14 1BU
Tel/Fax: 01235 529570
doug@paratrg.demon.co.uk
www.paratrg.demon.co.uk
Contact: Doug Peacock
Courses: RAPS, progression courses
Location: UK (Hinton Skydiving Centre)

Skydive Academy

Skydive Academy

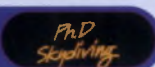
Peterlee Parachute Centre, Shotton Colliery, Co Durham DH6 2NH
Tel/Fax: 0191 386 5261
skydiveacademy@aol.com
<http://members.aol.com/skydiveamy>
Contact: Ian Rosenvinge
Courses: AFF
Location: UK (Peterlee) & abroad

Dave Morris Action Sports

David Morris Action Sports

2 Daleside, Cotgrave, Nottingham NG12 3QA
Tel/Fax: 0115 989 2050
 Mobile: 0777 498 6600
dave@daleside2.demon.co.uk
www.daleside2.demon.co.uk
Contact: Dave Morris
Courses: AFF, tandem
Location: UK (Langar), Spain, France

PhD Skydiving



PhD Skydiving

Ramsdean House, Ramsdean, Petersfield GU32 1RS
Tel: 01980 621363
 Fax: 01980 620609
 Mobile: 07971 665815
aff@phdskydiving.co.uk
www.phdskydiving.co.uk
Contact: Martin Williams
Courses: AFF, Skydive U
Location: UK, Spain, USA

Skydive Limited



Skydive Limited

Sibson Airfield, Wansford, Peterborough PE8 6NE
Tel: 01832 280066
 Fax: 01832 280067
 Mobile: 0785 000 7178
chris@skydiveltd.com
www.skydiveltd.com
Contact: Chris Allen
Courses: AFF, Skydive U, tandem
Location: UK (Peterborough) & abroad

East Coast

East Coast Parachute Centre

8 Burns Crescent, Chelmsford, Essex CM2 0TS
Tel: 01245 268772
slattery@blueyonder.co.uk
Contact: Val Slattery
Courses: RAPS, progression, AFF, tandem
Location: UK (London Parachute School)

Pops UK



Pops UK

21 Victoria Square, Clifton, Bristol, BS8 4ES
Tel: 0117 973 8341
www.thepops.org
Contact: Niels Hansen, Top POP
A society of skydivers over forty. We hold regular national and international meets at host parachute centres.

BCPA



British Collegiate Parachute Association

5 Laxey Road, Horfield, Bristol BS7 0JA
www.bcpa.org.uk
chairman@bcpa.org.uk
Contact: Iain Firkins, BCPA Chairman
The BCPA aims to promote skydiving at collegiate level. We run regional and national events for over 40 affiliated university clubs. The BCPA provides a community where university skydivers can find like-minded people to jump and socialise with.

COMMERCIAL

NON COMMERCIAL

Overseas Associated DZs

The BPA takes no responsibility for training or advice given by these drop zones as they do not necessarily operate under the BPA Operations Manual.

SPAIN

CPCB (Centro de Paracaidismo Costa Brava)

PO Box 194, 17487 Empuriabrava, Spain
Tel: 0034 972 450 111
 Fax: 0034 972 450 749
cpcb@gna.es
www.skyrats.com

Skydive Spain

La Juliana Aerodrome, Bullolus DLM, Seville, Spain
Tel: 0034 678 949 554
 Fax: 0034 954 153 287
info@skydivespain.com
www.skydivespain.com

USA

Florida Skydiving Centre

440 South Airport Road, Lake Wales, FL 33859, USA
Tel: 001 863 678 1003
 Fax: 001 863 678 1409
info@skydivelakewales.com

Freefall Adventures, Florida

400 West Airport Drive, Sebastian, FL 32958, USA
Tel: 001 772 388 0550
 Fax: 001 772 581 4468
skydivemik@aol.com
www.ffadventures.com

Perris Valley Skydiving

2091 Goetz Road, Perris, CA 92570, USA
Tel: 001 909 657 3904
 Fax: 001 909 657 6178
office@skydiveperris.com
www.skydiveperris.com

Skydive Elsinore

20701 Cereal Street, Lake Elsinore, CA 92530, USA
Tel: 001 909 245 9939
 Fax: 001 909 245 3661
skydive@skydiveelsinore.com
www.skydiveelsinore.com

Skydive Sebastian

400 West Airport Drive, Sebastian, FL 32958, USA
Tel: 001 772 388 5672
 Fax: 001 772 388 2105
info@skydivesebastian.com
www.skydivesebastian.com



COME AND TURN YOUR GREY SKIES BLUE

Escape your winter with a holiday to sunny Southern California.

- Freely Training by Elsinore Eclipse
- RW Coaching (SkyU) by Matrix of Flight
- Canopy flight training by Elsinore's Canopy Connection
- Team Coaching with John Hamilton
- Free 2-Way Skills Camp
- DZ Van Rentals, Team rooms & Bunkhouses Are Available
- Gear Store featuring equipment and accessories at competitive prices

(USA) 909-245-9939 or skydive@skydiveelsinore.com



DIARY

DECEMBER 03

17-22 **XL Challenge**
Florida pete_allum@aol.com

19-Jan 4 **Z Hills Christmas Boogie**
Skydive City, 001 813 783 9399
Zephyrhills, Florida www.skydivecity.com

20-Jan 4 **Empuriabrava Christmas Boogie**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skyrats.com cpcb@gna.es

20-Jan 4 **Christmas Boogie**
Skydive Spain 0034 678 949554
Seville www.skydivespain.com
info@skydivespain.com

20-Jan 4 **Algarve Winter Boogie**
Algarve info@targetsky.demon.co.uk
www.skydive-algarve.com

20-Jan 4 **Eloy Christmas Boogie**
Skydive Arizona 001 520 466 3753
Eloy, USA www.skydiveaz.com

20-Jan 4 **Holiday Boogie Package**
Perris Valley, California 001 909 657 3904
www.skydiveperris.com

27-Jan 4 **Adria Boogie**
Istria Croatia 00420 608 824144
falconair@quick.cz www.falconair.cz

28-Jan 7 **South African 727 Boogie**
www.africanboogie.co.za

JANUARY 04

9-19 **Boogie**
Perris Valley, California 001 909 657 3904
www.skydiveperris.com

17-24 **Cessna 100-Ways**
Skydive City, 001 813 783 9399
Zephyrhills, Florida www.skydivecity.com

22-Feb 7 **World Record Attempt**
Bankkok, Thailand

24 **BPA ACM**
Hanover Hotel, Hinckley 08457 444 123

30-Feb 1 **Canopy Piloting Course**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

FEBRUARY 04

9-13 **Instructor Course**
Netheravon 0116 278 5271
CSBI/TBI/Advanced trudy@bpa.org.uk

15-21 **The Search (Freefly)**
Skydive DeLand, 001 863 678 1003
Florida info@floridaskydiving.com
www.skydiveu.com

16-20 **Instructor Course**
Netheravon 0116 278 5271
CSI/Pre-Advanced trudy@bpa.org.uk

20-22 Feb **Canopy Piloting Course**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

27-29 **Big Way Camp 20+**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

28-Mar 28 **Algarve Winter Boogie**
Algarve Call Hibaldstow 0113 250 5600
info@targetsky.demon.co.uk
www.skydive-algarve.com

MARCH 04

5-20 **ESA Thai Sky Festival**
Prachuap Khirikhan, Thailand
boogie@exoticskyadventures.nl

8-10 **Canopy Piloting Course**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

10-19 **Desert Boogie**
Umm Al Quwain Dubai
Pete Marsden, 01932 701321
The Boogie Club pete@theboogieclub.co.uk
www.theboogieclub.co.uk

10-14 **Freefly March Madness Camp**
Florida Skydiving Center 001 863 678 1003
Lake Wales info@floridaskydiving.com

13-14 **Skills Camp**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

13-19 **The Search**
Skydive DeLand, info@skydiveland.com
Florida www.skydiveu.com

17-21 **St Patrick's Day Boogie**
Peterlee 0191 517 1234
shottonairfield@aol.com
http://members.aol.com/skydivemary

22-28 **POPS Spring Feast**
Florida Skydiving Center 001 863 678 1003
Lake Wales info@floridaskydiving.com

26-28 **Canopy Piloting Course**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

29-Apr 2 **Instructor Course**
Langar 0116 278 5271
Tandem/AFF trudy@bpa.org.uk

APRIL 04

3-12 **Easter Boogie**
Florida Skydiving Center 001 863 678 1003
Lake Wales info@floridaskydiving.com

3-11 **Easter Boogie**
Skydive City, 001 813 783 9399
Zephyrhills, Florida www.skydivecity.com

3-18 **Easter Boogie**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

8-11 **Big Way Camp 20+**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

9-12 **Easter Boogie**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

10-12 Apr **Easter Bash**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

14-18 **Freefly & Tunnel Camp**
Florida Skydiving Center 001 863 678 1003
Lake Wales info@floridaskydiving.com

14-18 **140-Way Sequential**
Skydive City, 001 813 783 9399
Zephyrhills, Florida www.skydivecity.com

15-18 **Freefly World Record Attempt**
Perris Valley, California 001 909 657 3904
www.skydiveperris.com

17-18 **4-Way Scrambles Meet**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

24-25 **FS Grand Prix 8-Way**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

26-28 **Canopy Piloting Course**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
info@skydiveempuriabrava.com

26-30 **Instructor Course**
Hibaldstow 0116 278 5271
Tandem/AFF trudy@bpa.org.uk

26-May 2 **The Search Swoop Meet**
Perris Valley, California 001 909 657 3904
www.skydiveperris.com

MAY 04

1-3 **Buy One Get One Free Weekend**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

1-9 **Langar Boogie 1**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

3-5 **Brit Chicks Big-way Weekend**
Langar 01949 860 878
www.bpslangar.co.uk lesley@skydivemag.com

8-9 **Brit Chicks Big-way Weekend**
Langar lesley@skydivemag.com

7-16 **Progression Week**
Black Knights 01524 791 820
www.bkpc.co.uk jeff@payco.net

8-9 **FS Grand Prix 4-Way**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

8-9 **Skills Camp**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

10-14 **Instructor Course**
Strathallan 0116 278 5271
CSBI/TBI/Advanced trudy@bpa.org.uk

12-16 **Freefly Spring Camp**
Florida Skydiving Center 001 863 678 1003
Lake Wales info@floridaskydiving.com

15-16 **CF & Classics Grand Prix**
St Andrews 01334 880 678
www.skydivestandrews.co.uk

15-16 **8-Way Meet**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

**Congratulations
to VMax,
World Champions**



Symbiosis are proud to support you



The Airfield, Headcorn, Kent TN27 9HX
Tel: 01622 890 967 Fax: 01622 891 236

dona.symbi@btinternet.com
www.symbiosisuits.co.uk

ROB COLPUS

15-23 May **Spring Boogie**
Lapalisse, France info@lapalisse-aero.com
www.lapalisse-aero.com

17-21 **Instructor Course**
Strathallan 0116 278 5271
CSI/Pre-Advanced trudy@bpa.org.uk

29-31 **Bank Holiday Meet**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

29-31 **Grand Prix 4/8-Way**
CF, Classics, FS & Scottish Nationals
Strathallan 07774 686 161
www.skydivestrathallan.co.uk

JUNE 04

5-6 **FS Grand Prix 4-Way**
Cork 01539 558 672
www.skydive-northwest.com
skydive-northwest@totalise.co.uk

5-6 **Speed 7-Way**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

12-13 **Rodders 4-Way Meet**
RAFSPA, Weston 01869 343 343

12-19 **RAPA 40th Anniversary Meet**
RAPA, Bad Lippspringe, 0049 5254 933 862
Germany alexbusby@t-online.de

15-20 **Classics Nationals**
Bridlington 01262 677 367
www.britishtskysports.co.uk

18-20 **Big Way Camp 20+**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

25-27 **Speed World Cup Round**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

26-27 **Grand Prix 8-Way**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

26-27 **POPS Meet**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

JULY 04

3-4 **FS Grand Prix 8-Way**
Black Knights 01524 791 820
www.bkpc.co.uk jeff@payco.net

5-9 **FS Coaching Week**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

10-11 **FS Grand Prix 4-Way**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

10-11 **Scrambles Meet**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

17-18 **CF & Classics Grand Prix**
Black Knights 01524 791 820
www.bkpc.co.uk jeff@payco.net

19-23 **Instructor Course**
Black Knights 0116 278 5271
Tandem/AFF trudy@bpa.org.uk

24-31 July **Swedish Herc Boogie**
Lidköping, Sweden info@herculesboogie.com
www.herculesboogie.com

25 **Water Jumps**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

31-Aug 2 **FS Nationals 4-Way**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

AUGUST 04

7-9 **FS Nationals 8-Way**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

7-9 **Artistic Nationals**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

7-15 **Espace Boogie**
Lapalisse, France info@lapalisse-aero.com
www.lapalisse-aero.com

9-13 **Instructor Course**
Bridlington 0116 278 5271
CSBI/TBI/Advanced trudy@bpa.org.uk

14-20 **Karlovy Vary Boogie**
Czech Republic 01932 701321
The Boogie Club pete@theboogieclub.co.uk
www.theboogieclub.co.uk

14-15 **CF Nationals**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

14-15 **FS & Artistic Nats Reserve W/e**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

16-20 **Instructor Course**
Bridlington 0116 278 5271
CSI/Pre-Advanced trudy@bpa.org.uk

21-27 **Army Champs FS & Classics**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

28-30 **8-Way Speed & Swoop Meet**
Netheravon apa@netheravon.fsnet.co.uk
www.netheravon.com 01980 678 245

28-Sept 5 **Langar Boogie 2**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

28-30 **Brit Chicks Base/Build-Up**
Langar 01949 860 878
www.bpslangar.co.uk lesley@skydivemag.com

SEPTEMBER 04

3-5 **Brit Chicks 60-Way Attempt**
Langar 01949 860 878
www.bpslangar.co.uk lesley@skydivemag.com

4-5 **CF Grand Prix**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

4-5 **LAC Meet**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

10-11 **Skills Camp**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

11-12 Sep **FS Grand Prix 4-Way**
Langar 01949 860 878
www.bpslangar.co.uk info@bpslangar.co.uk

13-20 **Artistics World Meet**
Brazil 0055 (21) 431 61 82
aeroclube@skydome.com.br

16-24 **FS/CF & Classics World Meet**
Rijeka, Croatia 00385 4848 754
www.caf.hr info@caf.hr

17-26 **Progression Week**
Black Knights 01524 791 820
www.bkpc.co.uk jeff@payco.net

18-19 **4-Way Scrambles Meet**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

20 **Water Jumps**
Headcorn 01622 890 862
headcorn@btconnect.com
www.headcornparachuteclub.co.uk

25-26 **FS Grand Prix 4-Way**
Peterlee 0191 517 1234
shottonairfield@aol.com
http://members.aol.com/skydiveamy

OCTOBER 04

9-12 **Big Way Camp 20+**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

23-31 **Equinox Boogie**
Rambler's PC, 00617 5423 1159
Taogoolawah, skydive@ramblers.com.au
SQ, Australia www.ramblers.com.au

30-31 **Halloween Speed 10**
Hibaldstow 0113 250 5600
www.skydiving.co.uk
info@targetsky.demon.co.uk

NOVEMBER 04

15-19 **Instructor Course**
Sibson 0116 278 5271
CSBI/TBI/Advanced trudy@bpa.org.uk

20-21 **Skills Camp**
CPCB, Empuriabrava, 0034 972 450 111
Spain www.skydiveempuriabrava.com
icoufal@skydiveempuriabrava.com

22-26 **Instructor Course**
Sibson 0116 278 5271
CSI/Pre-Advanced trudy@bpa.org.uk

Did you know?...
AADs are mandatory at
Netheravon from
1 April 2004

KEY

BPA
Formation Skydiving
Canopy Formation
Style & Accuracy
Boogies
Freestyle & Skysurf
POPS
Speed Skydiving
Unclassified

ADVERTISERS

2K Composites 58
0044 (0)1296 688 536 allib@2kcomposites.com
Aerodyne Technologies 17 & 19
www.aerodyne-int.com 58
Airsports Insurance Bureau
0044 (0)1983 298 480 yvonne@airsports.netscape.co.uk
Airtec 52
0049 295 398 990 martin@aicypres.cc
Airwaves 16
0044 (0)1802 472 566 skydive@air-waves.co.uk
Albatros Skyworld 26
0049 419 599 770 sales@my-skyworld.com
Birdman Inc 32
001 386 785 0800 info@bird-man.com
Boogie Club 34 & 38
0044 (0)1932 701 321 pete@boogiedub.co.uk
British Parachute Schools, Langar 2
0044 (0)1949 860 878 info@bpslangar.co.uk
David Ferguson 26
0034 649 153 239 puigmal@gmx.net
Dodington's Sports Instruments 58
0044 (0)1948 662 179
DZ Sports 12 & 13
0044 (0)1295 812 101 www.dzsports.com
Empuriabrava 72
0033 (0)972 450 111 cpcb@gna.es
Freeology 35
extremesilence.com
Florida Villas 54
0044 (0)1233 336 281 cracks@ntlworld.com
Glenn Connelly 54
0061 738 512 400 migration@myrealbox.com
Go Wear 58
www.go-wear.com 72
Groundrush Clothing www.groundrushuk.com
Hercules Boogie www.herculesboogie.com
info@herculesboogie.com 39
Icarus Canopies 76
001 34 938 496 432 info@icaruscanopies.com
The Kit Store 34
0044 (0)1622 890 967 www.thekitstoreld.co.uk
Larsen & Brusgaard 54
004 546 757 722 www.l-and-b.dk
Dr Margaret Clamp 35
0044 (0)115 966 3633 mclamp@doctors.org.uk
Original Lizard 58
0044 (0)1482 635 483 chappy@original-lizard.com
Parachutes de France 51
0033 (0)134 327 777 parachutes-de-france@csi.com
Paragear Equipment 59
001 847 679 5905 sales@paragear.com
Paratec 50
004 968 377 375 infosave@paratec.de
Peak Aero 72
0044 (0)1509 210 463 07733 216 324
Performance Designs 22 & 27
001 386 738 2224 www.performance-designs.com
Perris Valley Skydiving 55 & 57
001 909 657 3904 manifest@skydiveperris.com
Point Zero 35
0044 (0)1980 844 130 info@skydivepointzero.co.uk
Pure Adrenalin 50
www.pureadrenalin.co.nz
Rambler's Parachute Centre 6
0061 754 231 159 rambler@hypermax.net.au
Skydive Abel Tasman 72
0064 352 84091 www.skydive.co.nz
Skydive City IFC
info@skydivicity.com www.skydivicity.com
Skydive Elsinore 79
001 909 245 9939 skydive@skydivelsinore.com
Skydive Lake Taupo 32
www.skydive.net.nz
Skydive Lake Wales 38
001 863 678 1003 info@skydivelakewales.com
Skydive Lillo 58
0034 630 050 504 www.skydivelillo.com
Skydive Marche 6
0039 0734 964 488 info@skydivemarche.com
Skydive Maraca 72
0033 145 493 206 info@pass-sport.fr
Skydiving New Zealand 32
0064 3 343 5542 steve@skydiving.co.nz
Skydive Space Center 26
001 321 267 0016 www.skydivespacecenter.com
Sunpath 73
001 813 782 9242 info@sunpath.com
The Sunshine Factory 1
001 813 788 9831 www.sunshine-factory.com
Symbiosis Suits 80
0044 (0)1622 890 967 dana.symbi@btinternet.com
Target Skysports 23
0044 (0)1132 505 600 info@targetsky.demon.co.uk
Thomas Sports Equipment OBC
0044 (0)1262 678 299 enquires@thomas-sports.com
Tilstock Parachute Centre 72
0044 (0)1948 841 111
Time-Out Technologies 35
0044 (0)1992 715 244 info@skydivetimeout.com
Total Control 50
0061 893 256 001 info@totalcontrol.com.au
Tropical Skydiving 50
www.tropicalskydiving.com
TunnelCamp.com 34
001 480 283 2603 www.tunnelcamp.com
XLaviation 6
0044 (0)1494 762 056 www.xlaviation.com



THOMAS SPORTS

www.thomas-sports.com

PINFOLD LANE, BRIDLINGTON, EAST YORKSHIRE. YO16 6XS
Tel: 0044 (0) 1262 678299 Fax: 0044 (0) 1262 602063



Large stock of all skydiving equipment from containers to goggles, gloves, altis and much more.

The all new Cypres 2 now available

Pro-Track	£197.00
Z1 Helmet full face	£180.00
Sapphire Alti	£80.00
Altimeter 11 Galaxy	£117.50
Log book hard back	£8.00
Blaze goggles	£15.00
Sorz goggles	£17.00
Tackified gloves	£17.00

All the above prices include VAT



Simon Ward, sward@pobox.com