

THE

OCTOBER 1981

SPORT PARACHUTIST



THE JOURNAL OF THE BRITISH PARACHUTE ASSOCIATION



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DIARY OF EVENTS

1982

JANUARY 8 — Annual Dinner Dance, The Centre Hotel, Leicester

JANUARY 9 — AGM, The Centre Hotel, Leicester

JUNE 21 — APA Meet

JULY 1 — APA Meet

JULY 24-30 — RAPA Meet

AUGUST 6-20 — 16th WPC (Classic) Czechoslovakia

THE BRITISH PARACHUTE ASSOCIATION LIMITED ANNUAL GENERAL MEETING

Notice is hereby given that the Fifteenth Annual General Meeting of the Association will be held at:
The Leicester Centre Hotel, Humberstone Gate, Leicester
on Saturday, 9th January, 1982 at 16.00 hours

AGENDA

1. To consider, and adopt if approved, the Report of the Council.
2. To fix subscriptions payable by members for the ensuing year.
3. To discuss any Special Business.
4. To Elect the Council.

C. W. Port

August 1981

Secretary General

Note: Members are reminded that under Article 30 of the Articles of Association only such business as is notified to the Secretary General in writing at least 30 days prior to the date of the Meeting can be included under item 3 — "Special Business".

Accommodation at the Centre Hotel for Friday and or Saturday should be booked direct with the hotel — telephone Leicester (0533) 20471, Telex 341460.

DINNER DANCE — Friday 8th January 1982

The Annual Dinner Dance will be held at The Central Hotel
Leicester on
Friday 8th January 1982

7.30 for 8.00 start

Accommodation may be booked direct with the Hotel on Leicester 20471. At a special rate of £10 per person including VAT but excluding breakfast.

Dress — Optional. Tickets obtainable from the BPA Office £9 per person

There is a limit for seating (168) so please book early to ensure your place. If anyone has specific requirements with whom to sit please make this clear when booking tickets.

Every effort will be made to accede to these requests but it may not always be possible. Changes on the night will be the responsibility of those concerned.

MORE ENTRIES FOR PHOTO COMPETITION

1 The Mountain Men exit the DC3 at the CRW World Meet at Z-Hills
photo Nigel Glee (nice one Nigel, Ed)

2 Alan Derbyshire using the sunset to good effect over Sibson for this hoop jump photograph

3 Another Alan Derbyshire photo. This is "Unity" exiting over Pope Valley



1



2



3

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The Journal of the
BRITISH PARACHUTE
ASSOCIATION
47 Vaughan Way
Leicester LE1 3SG
Tel. (0533) 59778/59635

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Editor's Note
The views of contributors to 'The Sport Parachutist' are not necessarily those of the Editor, or of the British Parachute Association, and no liability is accepted for same.

EDITORIAL

There is no parallel in the world of sport to Sequential RW competition.

It certainly isn't a spectator event — perhaps it could be but not without expensive video projection and ancillary equipment.

No other team event puts so much pressure on the individual. In other team sports such as soccer, rugby or cricket, one or even two players who may be out of form can be 'carried' by the rest. In sequential RW, the team is only as strong as its weakest member.

Imagine the psychological pressure this must put on competitors as they wait for the exit command before the first competition jump at a World Championship. The climax of two years planning, and dedication, giving up your job, cost of training trip to the States, two months team training prior to winning your own National event and then another two months training as the National Squad, backed financially by the BPA. All this, riding on your performance in competition, the standard at international level being such, that one mistake, one missed grip, one mind block and the competition is as good as lost.

Unfortunately, due to the dedication, time, and money required to reach international standard, very few BPA members can afford the sacrifice.

By the time you have read this, the World Meet at Z/hills will be over at a total cost of about £20,000 to the Association. Thankfully, with Sports Council training and travel grants, the actual cost to the BPA is reduced to £6,000.

Even at this reduced figure, there are those within the Association who feel that we spend too much on 'an elite few'. Certainly the experience gained at the expense of the membership of the BPA is invested in individuals and teams who then use that investment to consolidate (what appears to some as) their elitist position.

This is not the fault of the competitors. Success breeds success. Aspiring RW competitors will want to join the good teams. The evolution of the present 'Symbiosis' team can be traced back to the 1973 team, 'The Chuting Stars', through to 'WI' in 1975 and the first 'Symbiosis' eight in 1977. The Red Devils have always produced excellent Classic parachutists, many of whom have been on British teams. The experience gained at World Meets is ploughed back into the team, very little percolates down to club level, which brings me to the reason for this editorial.

Isn't it about time we tapped the wealth of experience gained at International competitions and paid for by the membership of the BPA? This could be organised very simply in the form of seminars around the country by members of the previous year's National Squad. RW one year, Classics the next, thereby reassuring our membership that the investment they put into the National Squad, can be drawn on by themselves.

DAVE WATERMAN

HALL OF FAME OF PARACHUTING

November 21st sees the opening at Lake Elsinore in California of the "Hall of Fame of Parachuting." The concept of this establishment is to exhibit and record practically anything that has anything to do with parachuting, from the very inception of the parachute itself, a 'super' parachute museum.

An eternal flame will exist in memory of parachutists throughout the world who have died in service to their country. The Hall of Fame presents the Leo Stevens award, described by them as the highest award in parachuting. The Hall also has a computer with which it is intended, as far as possible, to record the name and details of everyone in the world who has made a parachute descent. You may enroll on this list by sending details and \$10.00 to: **Hall of Fame of Parachuting Honor Roll, Mrs Barbara Garrouette, Laguna Federal Savings 100 W. Graham Lake Elsinore, CA 92330**



MARRIAGE — I

Both **John Boxall** and **Fay Kimble** jumped into their reception after getting married on September 5th.

Terry Jickells (member of the 1962 British Team) who put John out on his first jump was there — as was **Archie McFarlane** — John's oldest student at 84.

photo C. Shea-Simonds

RECORD ATTEMPTS — EASTER '82

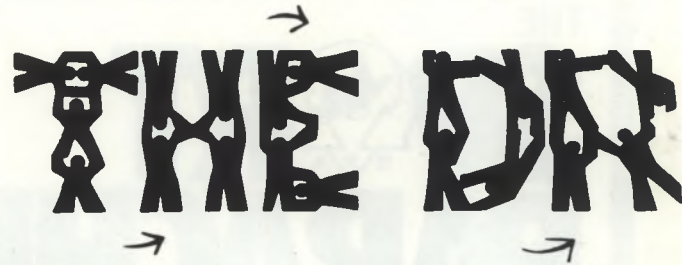
In co-operation with **Glenrothes Development Corporation** and **S.S.P.A.** we will be attempting to break the **BRITISH RW RECORD** and the **WORLD CRW RECORD** at **Glenrothes Airfield** between **9th and 12th April 1982**.

Two **Twin Otters** will lift up to 40 skydivers and we expect to be able to offer some subsidy on the jumps through sponsorship. More details later.

NEW "POPE VALLEY DZ"

We are informed by **Barry Helme** that a new DZ has been opened up by **Bill Dawse**, the proprietor of **Pope Valley** before it was closed down. The new DZ is situated 3 miles from a town called "Lodi" 37 miles South of Sacramento on route 99, and 80 miles East of San Francisco. The address is

**P.O. Box 423
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California, 95220**



THIRD TIME LUCKY?

BPA member **Jane Mellor** from Yorkshire recently went to **Z-Hills**...

An unsuccessful attempt on her SCR on a jump organised by **Jerry Bird** was followed by a "mal" on her main. Not satisfied with that, she had a line over her reserve!

Well, they say bad luck comes in threes... happily though, she gained her SCR on a later jump.



ENGAGING IN FLOUR POWER

Harry Morgan after his 1500th jump at **Strathallan** on which he became engaged to **Sue Arthur**. An old Scottish tradition?

photo Ron Taylor

NEVER TOO OLD?

TOM DICKSON (SSPAI) has taken the plunge into full time skydiving at the tender age of 45. He converted from part time to full time CCI at **Glenrothes School of Parachuting** on 1st October 1981. The School will operate full time from then on. Visitors are most welcome.

Tom is also setting up his own company **Scottish National Skydiving Services** to promote skydiving through displays for manufacturers and other agencies. He was in the silver medal winning **Summertime Blues** team in the 1981 British Championships Intermediate RW. He is the founder of the **Scottish Sport Parachute Association** and is a **BPA Examiner/Advanced Instructor**.

Photograph by **Crauford Tait**
Edinburgh Evening News

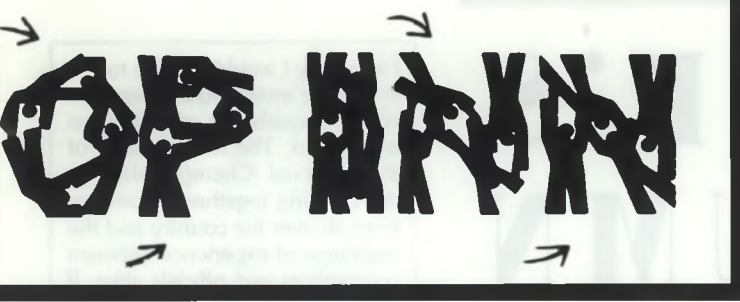


WHIFFO OVER THERE SAYS HE THINKS
WE MUST BE A LOT OF SILLY IDIOTS
TO JUMP OUT OF A PERFECTLY
GOOD AEROPANE!



SUPERFLY





"I'd estimate your score as twenty centimetres and about seven-point-nine on the Richter Scale!"



Filwelz

CHINESE WITHDRAWN FROM WORLD MEET

The Chinese, Zimbabwe and Finnish teams were withdrawn by their delegations from the World RW Meet in Z'hills, because of South Africa's participation. The disappointed Chinese team were favourites for a medal.

NEW DZ AT STURGATE

Clasic Team Member Dave Tylcoat and Jim Campbell (Ex-REME Team CO) are opening a DZ at Sturgate near Gainsborough. During the winter it will be week-ends only. Fulltime next year. They will be using the 182 from Sibson to start with.

10th DUCK END MEET WEATHERED OUT

The 10th Duck End Farm meet was weathered out this year over the weekend 19th and 20th September. This is the first time in the Meets' 10 year history that this has happened, although it has in the past "sailed very close to the wind". 23 teams had entered this year and only 8 of them managed to get a jump in round 1 early on Saturday morning before the wind exceeded limits. A streamer run went up on late Sunday afternoon but the gusty conditions did not abate as had been forecast earlier in the day.

Hopefully though, in future years, the Meet will not have the weather problems that it has had in the past. David Hipwell, the farmer who kindly allows the Duck End Group to operate on his farm, has informed the club that they can run the Meet earlier in future. Provided that the operation is kept near the farm buildings away from the crops in the pit area, the Meet does not have to be held after harvest. Duck End may choose the August bank holiday weekend and run a Meet with more rounds.



MARRIAGE — II

Sid Scott pictured with Mrs Scott née Susan Rise after making an "Honest man of him" (Sid's words). Sid jumped into the reception which was held at Netheravon.

I TOLD HIM... OUR TEAM'S GOT A DOCTOR, A UNIVERSITY STUDENT AN ARCHITECT, A SOLICITOR, AN ACCOUNTANT, A CULTURAL ATTACHE



.. AND THAT I'M A BRAIN SURGEON. .. I DONT MIND BEING CALLED AN IDIOT, BUT NOT SILLY!



JPS.

COACH'S COLUMN

BY

DOUG PEACOCK

At the end of the year we can look back on a pretty successful competition season, despite the bad weather during the early months. The only result still awaited is, of course, the big one from Zephyrhills and we shall know all about that in a couple of weeks time. Successful club competitions have been held at Sibson (8 man speed), Headcorn, Shobdon and Ipswich — the latter, sponsored by Talbot being the first CRW Meet held in this country. Duck End was, unfortunately, blown out for the first time in the history of this very well supported competition. In all cases hard working Club

members have gone to a lot of trouble to organise these Meets. The BPA van is always available to provide a complete control and judging backup for any and every type of competition, so put your bids in early for next year via the Competitions Committee to avoid clashes of dates. The judging scene is also in pretty good health and at the moment we have seven who are all active on the FAI list, as well as over a dozen national judges. It is vital that the judges apply the rules consistently and always exercise good parachuting sense. This is the only way to command the trust and respect of competitors which ensures an enjoyable Meet. Once an 'us and them' situation develops, surely we are all the losers. For my part I would like to extend my personal thanks to all judges and recorders who have contributed so much to so many Meets this year.

1982 Competitions

Preparations for 1982 are already well in hand, firm dates being June 21 to July 1 for the APA Meet, July 24-30 for RAPA and August 6-20 for the 16th WPC (Style and Accuracy) in Czechoslovakia. Because of the time scale, it could well be an earlier Nationals next year, combined or split remains to be seen. The options were spelled out clearly by the Chairman in the last issue, it seems to me that the experience of the last two National Championships should not be repeated. The incomplete competitions of 1980 and 1981 were extremely frustrating for all the jumpers who had spent so much time and money in preparation for this annual event only to be faced with a money back situation. The gratifying aspect, of course, was the extremely large entry; such enthusiasm is there to be encouraged and should not be, albeit through force of circumstance, dampened down.

Personally I would not like to see minimum entry requirements or regional qualifying competitions introduced. The main benefit of the National Championships is the bringing together of jumpers from all over the country and the exchange of experience between competitors and officials alike. If consideration of time and numbers mean we have to split the RW and Classic events it will be a pity, but so be it. This way, at least, we would have a better chance of completing the programme. If you believe, as I do, that the Nationals is for everybody then this must be the way to go.

Classic Squad Worthwhile

As far as 1981 was concerned, the policy of supporting our Classic Squad in the off year proved well worthwhile. All our top ten placed jumpers gained valuable international experience at Graz and Strasbourg. British teams, one paying its own way, placed 1st and 4th in Strasbourg, **Dave Tylcoat** taking an individual gold on the way while **Jackie Smith** picked up a silver in Graz. Results apart, the continuity achieved and experience gained by the new squad members will certainly stand us in good stead in Czechoslovakia next year.

Turning from competitive jumping to the instructional field I am very pleased at the continuing support given from all sides to the Instructor courses. We now have a formal syllabus for Advanced Instructor qualification and continue to receive a lot of applications. The pass rate on three courses this year is 11 out of 13 applicants. We have qualified 30 Approved Instructors from 42 candidates, while so far 35 PIs have taken the courses and all have passed. One new aspect with effect from the next Course all PI applicants must be D Certificate holders with two years in the sport and CCI's recommendation. This higher requirement has been introduced to raise the standard of practical performance demanded of candidates.

Dates for your diary: PI Course 4-81 will run from 30 November to 4 December at Aldershot. The exam course will be from 7-11 December at the same venue. PI Course 1-82 is scheduled for 8-12 February at Netheravon, with the exam taking place the following week 15-19 February also at the APA Centre.

Go safely now,

DOUG

STOP PRESS . . . STOP PRESS . . . STOP PRESS . . . WORLD MEET RESULTS

Great Britain takes Bronze Medal at the World Meet

The IV World Parachuting Championships in Relative Work, at Zephyrhills, Florida, were successfully completed on Friday 16th October with Symbiosis finishing 3rd for Great Britain in the 4 way event. Results were as follows:

4 WAY
1st USA 116 points (129 after jump off)
2nd Canada 116 (128 after jump off)
3rd Great Britain 109
4th Australia 97

8 WAY
1st USA 83 points
2nd Canada 81
3rd Australia 79
4th Great Britain 56

Both events were fought very closely through to the last round. In the 8 way the Canadians were looking very strong until round 10 when they only scored 4 compared to 7 from the USA. Great Britain were particularly unlucky in the 8 way in being penalised for a "missed grip" in the first formation of an early round. They consequently failed to score 4 points on the sequence until the sequence re-started. The grip was in fact made but not judged to be so as it was seen to be on the body rather than correctly on a leg. The grip handle on the jumpsuit (where the grip was made, is believed to have slid up from the leg nearer the body.

Symbiosis scored 14 points in the last round of the 4 way and were said by the majority of judges to have produced the best (most pleasing to watch) dive of the meet. During the Banquet at the Holiday Inn after the closing ceremony, the management of the Holiday Inn

made an award to the British delegation for being the "best guests" of the Meet.

21 4 way teams and 13 8 way teams competed. Just prior to the start of the official practice jumps both China and Zimbabwe withdrew and several other teams had their funding withdrawn because of the participation of South Africa. It was pleasing to see a team from Ireland competing in the 4 way event this year. Led by Vernon McCarthy, the team consisted of Michael Oulton, Philip Whelan, Robert Galbraith, Michael Kennedy and Kevin Fortune. It was noticeable that no teams from Eastern Europe attended but all Continents would have been represented had China not withdrawn, there being strong representation from South America in the form of Brazil, Peru, Chile and Venezuela.

Best scores of the Meet were from the Golden Knights in the 4 way with 15 in round 6 and from Mirror Image in the 8 way with 12 on round 9. There has been a distinct improvement in standards since the last World Meet where average scores by the winning teams in the two respective events were 8.2 and 6.6.

During practice the Canadian 4 way team actually completed 26 formations (21 reckoned in time) but were missed on the Video! Mirror Image put up a record 16 point dive (8 way) in practice.

Other notable incidents during the Meet were a very short reserve ride by a Swiss team member when his canopy collapsed at around 300 ft and a World record 43 way star. The latter was built just before the closing ceremony from 15,000 ft. Fun jumping took place throughout the Meet on the other (old) side of the drop zone with hundreds of jumpers from all over the World taking part.

So congratulations to Rob Calpus, Dane Kenny, Geoff Sanders, Tony Uragallo, and Will Grut for bringing us home another International medal. Full story and pictures will be in the next issue.

CHAIRMAN'S NOTES

BY

**CHARLES
SHEA-SIMONDS**

There was a serious omission in the last issue of *Sport Parachutist* which I hope I am not too late to rectify. Nowhere in the coverage of the Nationals was thanks and appreciation shown to those who worked hard to give the 140 competitors ten days of enjoyable sport parachuting. I believe Major Gerry O'Hara, both as Meet Director and Commandant of the JSPC, John Laing, as CCI JSPC, Gary Douglas as tireless manifester, the cooks of 7 Regiment Army Air Corps, the J.S.P.C. staff and all the judges, pilots and officials, should have been given a special thankyou in these pages. Words of appreciation cost nothing yet mean so much and if we can't learn to say thankyou we needn't expect people to put themselves out on our behalf in the future.

Council Elections

Our Association is only as productive, progressive or successful as we, the membership, wish to make it. If we, as members, find fault then basically we are to blame for electing the wrong people to our Council. It is now Council election time and thus time for us to rectify the situation as we see fit. It is not a fun job being an elected Council Member. If the Council Member takes the job seriously as he should and attends all the meetings it means long hours with little thanks or reward save that of knowing he's doing a bit for the sport he's crazy about. So what sort of people do we want on Council?

1. They must be dedicated to working for twelve months, not for themselves or to further any personal motives, but, for the sport and the Association in general.

2. They should be experienced in that aspect of the sport for which they were elected whether it be running a weekend club or being a competitor.

3. Council must be balanced in the final outcome. Sure if you want BPA to spend all its financial resources say for example... on competition parachuting, then elect competitors to run the Association. I believe we need a balanced Council made up of club proprietors, club instructors, competitors,

business men, the odd financial whizz kid and/or lawyer, riggers etc. Think about the balance when you vote.

So how can you vote for the right people? First only vote for those you know work hard already for the sport either at club or council level. Secondly be careful what you read in the election manifestos — promises of what the individual plans to do should be taken with a very distinct pinch of salt — a proven track record is a very much better assessment. Thirdly if you're only happy about voting for two or three people because you aren't sure about any of the other candidates that's fine — only vote for two or three. Finally seek advice from your CCI — he will have

been around the game a fair time and will be able to enlighten you on most of the candidates and their qualifications.

And it must be said that, if you really care about our sport and the Association, it's no good just casting your vote and sitting back to await miracles. Council need your constant support, interest and ideas if they are to achieve the best results on your behalf. Please don't bitch about their performance on rainy days — take your problems to them; you may be pleasantly surprised at the outcome.

Shobdon Round Accuracy Meet

On a totally different note, I was fortunate enough to have recently competed in the Shobdon Round Accuracy Meet (not, I must say, with too much success) but it was not only a humbling experience but tremendous fun, as I am sure all 26 teams' members will agree. Thanks to the Hereford Parachute Club and POPS UK (yes, Archie was there!) for a great weekend. I must now get my kit ready for the 10th Duck End Farm Meet which will be history by the time this appears.

In the meantime go safely now,

Charles Shea-Simonds

EDITOR'S NOTE

For the record, the following letter was sent to Gerry O'Hara in way of explanation to the first paragraph of the Chairman's Notes.

To: Maj. Gerry O'Hara,
JSPC
Airfield Camp,
Netheravon,
Wiltshire

Dear Gerry,

I was most concerned to be told by Charlie that Netheravon are considering withdrawing their offer to hold the Nationals in '83 because no thanks or appreciation was shown in the last issue of *The Sport Parachutist*, to those who worked hard at this year's Nationals.

Please accept my personal apology to what on face value may seem to be an ungrateful and ill-mannered action, but in reality highlights a problem I am endeavouring to overcome in the production of the magazine.

All the individuals who contributed stories from the different events, were briefed to concentrate on the parachuting aspects of their particular event and give a blow-by-blow account of the rounds and any incident occurring in such.

I left myself to do a general summary of the Nationals, which did in fact include the following two paragraphs.

"It was a pleasure to see so many 'old' friends at the prize giving and in particular Sue Philips (née Burgess, one of our first lady competitors) presenting the prizes."

"Finally, I am sure all the competitors would wish me to thank Gerry O'Hara and his staff at JSPC for the hard work they put in to make the '81 Nationals a success, despite the weather."

These two paragraphs were scheduled to go in at the bottom of column 3 on page 26 and the picture in that section used smaller. It wasn't until after I saw the completed printed page, did I realise that these two very important paragraphs had been omitted.

May I say in conclusion, that I would hate the APA to take an action which could have a disastrous effect on competition parachuting in this country because of an error on my part in not checking my proof pages as well as I should.

I am sure you will appreciate that the views expressed in *The Sport Parachutist* are not necessarily those of the British Parachute Association.

I am endeavouring to produce the magazine as professionally as I can, in an effort to give the BPA membership a publication I believe they deserve, but as of course this is done on a part-time voluntary basis, unfortunate mistakes will no doubt sometimes occur. I am sorry that yourself and your hard working staff happen to be on the wrong end of this one.

Yours sincerely,

DAVE WATERMAN

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CORRESPONDENCE

VIDEO

I have recently become a Video owner and my immediate thought was, it would be great if I could sit in my own home and watch films on free-fall. What I'm writing to ask is do they produce the free-fall films that are on the market now in Video Cassette form?, if they do could you please let me have the address. If they don't then how about the BPA going into the business of producing tapes from the original films so that members can buy them (the ones who own Videos that is) I'm sure you would have no problem selling them and as long as the films were sold for private viewing only I don't think you would be breaking any copyright laws. The advantages of such a service would be quite a few but the main ones I think are that the films are really expensive so no one individual could hope to own his or her own copy, tapes are fairly inexpensive and are within what people can afford. People learn quite a lot from watching films and I think more people would see a lot more of the really good films which are about these days. Also some Clubs cannot afford to buy the original films and if they can, not all of them, whereas tapes could be afforded, Videos can be hired and therefore clubs could benefit.

Lastly there is the promotional aspect, in the last edition of the magazine somebody suggested putting the magazine on sale to the general public, I think that is a great idea, at the moment the only time people see free-fall films is at a centre when they are doing a course. I'm sure if Video tapes were about then BPA members would show them to their friends and therefore encourage them to do a basic course. If the copyright law does forbid this kind of thing then maybe you could contact the film makers and ask them to produce and sell them through the BPA. I'm sure this aspect would be worth looking into as another way of helping to promote the sport.

Yours faithfully
DAVE BUTLER
D2328

Well Dave, no doubt by now you have seen the ad. in the August SP from 'The Happy Landing Co' for video tapes, but your letter does raise an important point. Contrary to what you write, it is without doubt a breach of the law of copyright for anybody to

LETTERS on any parachuting topic are welcome and should be sent to:

The Editor, *Sport Parachutist*, c/o BPA,
Kimberley House, Vaughan Way, Leicester,
LE1 4SG.

copy onto video any film without the prior permission of the copyright owner. It doesn't matter if the video is for private viewing or not. You are quite right when you say that films are expensive to buy. They are also expensive to make. Without a ready market to get a return on the investment put into the making of a film, films on skydiving will not be made. So, anybody pirating films on video will be contributing to film-makers such as Carl Boenish thinking twice about putting another film together.

CAUTION RE INFLATABLE SPLINTS

Re: Advert for Inflatable Splints in the August issue of *The Sport Parachutist*

As a professional ambulanceman, I would like to comment on the use of the Inflatable Splint. The Inflatable is a specialized piece of equipment, used properly, they do a very effective job, used by an inexperienced person, could result in the eventual loss of the affected limb.

The Inflatable has to be put on by two people, one to hold the limb, the other to position and inflate the splint.

The splint must remain on until the patient reaches hospital. To remove it when an ambulance arrives, will cause further pain to the patient, if the splint is kept on the patient, it may be lost at the hospital, and will have to be replaced.

Below is a list of the Splint's uses and complications that can arise.

Purposes for which the splints can be used:

- 1 immobilization of fractures
- 2 retain dressing on large wounds of the limbs
- 3 control of bleeding.

Types of injuries for which they are suitable:

- 1 leg fractures at or below the knee
- 2 arm fractures below the elbow
- 3 large wounds of the limbs.

Complications which can arise if used incorrectly:

- 1 impairment of circulation

2 damage to nerves and joints if used to correct deformity.

Points to remember

Risk of over-inflation — They should only be inflated by mouth and checks should be carried out to ensure no impairment to circulation. If this occurs, pressure should be released.

They should not be used where there is a serious deformity.

Need for regular checks to ensure their serviceability, as they are liable to crack and puncture.

Do not think that I am against the use of Inflatable Splints, the ambulance service use it very often and effectively. In my mind, there are other pieces of equipment that we carry, which are more versatile, and be used more beneficially on the injuries associated with parachuting. I would be more than willing to meet the Safety Representative of the Association. As Sibson is my nearest club perhaps it could be arranged for there (preferably a weekend), and I will bring some of our equipment for a demonstration.

Yours faithfully,
GEORGE SPRING, BPA 88176

RW TRAINING PROVOCATIVE VIEW

I like John Mitchell's ideas about improving RW training but there is the problem of the cost of additional solo jumps. A complementary improvement would be to teach leg turns from a flat body position instead of encouraging students to turn from a progressively tighter frog position. At present I find that students have adopted style positions by the time they are ready for RW. They then have to 'unlearn' habits which they did not need to acquire in the first place. The traditional teaching sequence tends to be followed slavishly by some traditional old guard instructors. The best RW coaches are **skilled RW workers** and it might help to erode the instructor caste system if RW coaches took over progression training after students had mastered ten second delays. I think that the lack of advanced instructors available as CCI's is due in part to the negative image of some of the 'old guard' CCI's. I class myself provocatively as 'avant garde'. What thinks the average BPA member?

TOM DICKSON

What a good idea. Anybody wanting to contact George can at the following address: 100 Holwell Road, Welwyn Garden City, Hertfordshire. Ed.

BPA PI AND EXAMINATION COURSE 3-81 PETERBOROUGH PARACHUTE CENTRE 10-21 AUGUST 1981

Candidates fell into three classes, viz: Instructors attending for upgrading to Advanced Instructor, Examinees for final assessment and Potential Instructors. Candidates totalled 34, details at Annex A.

The Advanced Course

Seven candidates attended. Each fulfilled the revised syllabus and assisted in coaching and assessing the Potential Instructors.

Successful candidates were: Ray Ellis, Red Devils; Graham Copestake, Red Devils; Dave Turner, Montford Bridge; Bill Sharpe, APA; Fred Ryland, Peterborough and, possessing the requisite qualifications, were awarded Advanced Instructor Status. Adrian Chandler (RCT) and Eddie Robertson (Montford Bridge) failed to reach the required standard and were advised to re-apply.

The Potential Instructor Course

This was conducted by Tony Keoghan, John Hitchen and Norman Nisbett, with assistance from the Advanced candidates. All thirteen candidates were successful and were awarded PI status valid for 12 months. Results are given at Annex B and individual reports have been forwarded to CCI's.

Each candidate was checked out on despatching from either the Islander or the Porter. A full day and a half was used for jumping, nevertheless the rest of the syllabus was fully completed by an enthusiastic group of PIs and instructors.

Successful candidates were: David Tucker, Guards; Dick Collier, Langar; Sid Pugh, LIFFT; Ali Anderson, Eagle; Greg Andrew, Marines; Brian Plushman, Ipswich; Neil Dixon, Red Devils; Mick McCullum, Montford Bridge; Dave Cooper, Martlesham; Alistair Smith, APA; Jim Swan, Black Knights; Brian Shaw, Black Knights; Keith Kempton, RSA

The Examination Course

This was conducted by Ronnie O'Brien, John Hitchen, Dave Hickling and Brian McGill. There were fourteen candidates all of whom were assessed on three lectures/GT periods, Static line despatching (3 candidates only) practical parachuting ability and a written examination, results at Annex C. Of the fourteen candidates, eight were successful and were awarded Approved Instructor ratings valid until 31st March 1983. Six candidates failed to reach the required standard and were recommended to resit in three months' (one in six months') time. Detailed reports on the latter six have been forwarded to respective CCI's.

Successful candidates were: John Gleave, Ipswich; Cliff Lloyd, Black Knights; Chris Pollett, TAS; John Nicholson, Martlesham; Roger Buckle, Eagle; Steve Saunders, Cyprus; Dave Morris, Peterborough; Chris Donaldson, 1/2p Green

To re-apply in three months: Andy Page, Ipswich; John Fletcher, Langar; Mike Kempson, APA; Steve Nundy, Eagle; Tony Oakes, 1/2p Green

To re-apply in six months: Brian Smith, Headcorn

Conclusion

The performance of some finals' candidates in free fall was alarming. Some were unable to perform accurate 360 degree turns, others could not do back loops — Category 8 requirements. As it is not always possible to give candidates a practical test — weather conditions — it is felt that the PI requirement must be raised.

Recommendations

That the requirement to attend a PI Course be amended to read as follows:

"D" Certificate parachutist
2 years in the Sport
CCI's recommendation.

TROLLVEGGEN — IS NOW DEFINITELY ILLEGAL!

In July, John Carter, who may be known to many jumpers in the Midlands area, jumped from Trollveggen. On the 24th August, Council unanimously decided to withdraw John's BPA membership for a period of 6 months. Council took this decision on the basis that John had brought the BPA's name into disrepute and had jeopardised the survival of Sport Parachuting in Norway.

John is not the only BPA member to have jumped Trollveggen, but the circumstances surrounding his particular jump resulted in John being specifically "pointed out" to the BPA by the Norwegian Air Sports Association. The Norwegians stated that John's jump was the single-most damaging act, out of all Trollveggen jumps, towards jeopardising the survival of the sport in Norway, (despite the fact that the jump was totally successful). John was a member of a party of five BPA members who spent a week waiting to jump Trollveggen. Three of the party had to leave for home before the weather became suitable, the fourth member decided against jumping.

There have been many attempted dives from Trollveggen which have not been successful. These have resulted in the Norwegian rescue services being called out, at great risk to themselves, to save jumpers' lives. One jumper spent 32 hours trapped on the cliff face before being rescued. The actual rate at which dives from Trollveggen have been unsuccessful, up to August, was

about 1 in 20. Trollveggen is said to be considerably more difficult a dive than El Capitan and of course the mountain itself is considerably more harsh and remote than the latter.

The February 1981 issue of SP contained a statement from the Norwegian Air Sports Association urging people not to engage in jumping Trollveggen because it could jeopardise the existence of Sport Parachuting in Norway. Most people would agree that ignoring this statement is a selfish act. It was pointed out to Council however, by John Carter himself, that statements in SP are not necessarily those of the BPA itself. Admittedly, there was no similar statement in the magazine which endorsed the BPA's view on the matter.

Members should now be warned that jumping Trollveggen is now "illegal" as far as the BPA is concerned and members engaging in cliff diving from Trollveggen will face suspension and/or other penalties.

It is worth noting that, activities of this kind, which are difficult to control by any authority, are invariably ruined for the majority by the incompetence of a few. This is now the case on the majority of fixed object jump sites around the world. Until it is possible to set up some sort of authoritative procedure on fixed object jumps this will always be the case.

It is also worth noting that another BPA member, successfully jumped Trollveggen, a week after John did, with considerable backing from a sponsor. There have been no apparent repercussions from the Norwegians regarding this jump. A.M.

Parachuting in Zephyrhills Florida, USA

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BPA Club Approval is granted to BPA Affiliated Clubs who have attained a high minimum standard of staff, facilities and equipment as laid down by BPA. They are subject to inspection by BPA every 2 years.

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Basic Student course
Kit hire student
Kit hire freefall

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BS
KHHS
KHFF

BPA Club Affiliation is granted to those clubs who have a minimum amount of equipment as laid down by BPA. All operations are strictly in accordance with BPA Regulations.

Relative work instruction available
CRW instruction available
Accuracy pit on DZ
Camping on DZ
Washing and toilets on DZ
Non-members welcome

RW
CRW
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WC
NM

FULL TIME

British Skysports

Bridlington Aerodrome.
Bridlington, Yorkshire.
Chief Instructor (at club address)
Tel: (0262) 77367
* < FT = BB x ⊙ BS KS KF RW CRW
⊙ △ WC NM

Headcorn Parachute Club

Headcorn Airfield, Ashford, Kent.
Tel: Headcorn 890862
The Secretary (at club address)
* * * < < BS RW KS KF ⊙ = △ BB x
⊙ WC NM

Hereford Parachute Centre

Shobdon Aerodrome,
Leominster, Hereford.
Tel: Kingsland 551
Chief Instructor (at club address)
* * < FT = BB x ⊙ BS KHHS KHFF RW
⊙ CRW △ WC NM

Peterborough Parachute Centre

Sibson Airfield,
Wansford, Peterborough
W. J. Meacock (at club address)
Tel: Elton 490
* * * < BS RW KS KF no charge ⊙ = △
BB x ⊙ WC NM

Ipswich Parachute Centre

Ipswich Airport,
Nacton Road, Ipswich, IP3 9QF.
A. G. Knight Tel: (0473) 76547
* < BS RW CRW KS KF = △ BB x ⊙
WC NM

Ashford Parachute Centre

Ashford Airport, Lympe, Kent.
Tel: Hythe 60816
Club Secretary (at club address)
* < < BS RW KS KF ⊙ △ BB ⊙ WC
NM

East Coast Parachute Centre

West Road, Clacton-on-Sea, Essex
W. P. Slattey (at club address)
Tel: Clacton 27018
* no more details

R.S.A. Parachute Club

Thrupton Aerodrome, Andover, Hants.
Tel: Weyhill 2124
R. A. Acraman (at club address)
* < FT = BB x ⊙ BS KS KF RW CRW
⊙ △ WC NM

British Parachute Schools

Langar Airfield, Langar, Notts.
The Secretary, 1 Norfolk Place,
Nottingham. Tel: 46622
< < FT BB ⊙ BS KS KF RW CRW ⊙ △
WC NM

Montford Bridge Para Centre

The Airfield, Montford Bridge,
Shrewsbury. Tel: (0743) 850958/9
* < FT = BB ⊙ BS KS KF RW CRW △
WC NM

WEEKEND

Midland Parachute Centre

Long Marston Airfield.
Nr. Stratford-upon-Avon, Warks
Tel: Stratford-upon-Avon 297959
Dave Deakin, Tilton Cottage,
Stourport-on-Severn, Worcs
Tel: Stourport-on-Severn 5954
* * < BS RW CRW KS KF ⊙ = △ BB ⊙
WC NM

Black Knights Parachute Centre

Patty's Farm, Cockerham, Nr. Lancaster.
R. Marsden, Primrose Hill Farm,
Bilsborrow, Nr. Preston, Lancs.
Tel: Brock 40330
* no more details

British Prison Officers Parachute Club

HMP Box 369, Jebb Avenue,
London, SW2
* see Headcorn for details

Cambridge University Free Fall Club

D. Stenning, 30 Green End Road,
Cambridge, CB4 1RY
* no more details

London Parachuting

19 Parkstead Road, London SW15 5HI
Tel: 01-876 3209
* See Ashford

Corwall Parachute Club

Fran's Ranch, St. Merryn Airfield,
St. Ervan, Wadebridge, Cornwall
J. Fisher, Trethoway Hotel, Port Isaac,
Cornwall. Tel: Port Isaac 214
* no more details

Leeds/Bradford Free Fall Club

Elvington Airfield, Yorks.
Tel: (0904) 85 595
B. Pickersgill, 36 Cricketers Green,
Rawdon, Leeds 19. Tel: (0532) 506930
* < BS RW KS KF BB ⊙ WC NM

London Fire Brigade

Sport Parachute Club
Headcorn Parachute Club, Headcorn,
Kent. Tel: Headcorn 890862
M. Tullett, 117 Totland Close,
Farnborough, Hants.
Tel: Farnborough 518887
* no more details

Duck End Parachute Group

Rectory Farm, Abbotsley, Hants.
Gordon Lilly, 12 Clandon House,
Clandon Gardens, Finchley, London, N3.
* < ⊙ = △
* They may not have much but they are
cheap!!

Halfpenny Green Skydiving Club

D. Higgs, 22 Churchill Road,
Halesowen, West Midlands
* < BS RW KS KF ⊙ △ ⊙ WC NM

The Glenrothes School of Parachuting

Glenrothes, Fife. Tel: (0592) 759204
* < BS RW CRW KS KF ⊙ BB ⊙ WC
NM

Golden Lions FFT

Glenrothes (see above)

*

Parachutists Over Phorty Society

(POPS UK)
J. Cooke, Broughton House,
Field Broughton,
Nr. Grange-over-Sands, Cumbria.
Tel: Cartmel 4545
* no more details

Scottish Parachute Club

Strathalan Castle, Auchterarder,
Perthshire. Tel: Auchterarder 2572
* < BS RW KS KF ⊙ BB ⊙ WC NM

Scottish Sport Parachute Association

B. Somerville, 20 Castleway, St. Madoes,
Glen Carse, Perthshire.
* no more details

TAS School of Parachuting

Tilstock Airfield, Whitchurch, Shropshire.
K. Toyer, 51 Rosefield Road, Woolton,
Liverpool. Tel: 051 428 7117
* < BS RW KS KF BB NM

The School of Free Fall Parachuting

Tel: (0742) 653962
J. Hitchin, 46 Newlands Drive,
Sheffield, S12 2FS
* see British Skysports

South Cotswold Parachute Club

Badminton, Avon.
Carol King, 82 Forrester Green, Colerne,
Wiltshire. Tel: Box 742890 (1730-1930)
* < BS KS KF BB ⊙ WC

Staffordshire Sport Skydivers

c/o Stoke-on-Trent Youth and Adult
Centre, Pump Street
Stoke-on-Trent, ST4 1NQ
* no more details

Sunderland Parachute Centre

Sunderland Airport, Sunderland,
Tyne & Wear.
W. J. Barnes (at club address)
Tel: Boldon 367530
* < < BS RW CRW KS KF ⊙ x ⊙
WC NM △ = BB

Manchester Free Fall Club

Tilstock DZ, Twenlows Hall Farm,
Whitchurch, Shropshire.
N. Law, 9 St. Andrews Road, Stretford,
Manchester, M32 9JE.
* no more details

Manchester Skydivers

(see British Skysports)
S. Card, 7 Hampton Road, Stretford,
Manchester. Tel: 061-865 7557
*

Martlesham Heath Para Club

Flixton Airfield, Bungay,
Mrs. L. Bennett, 76 Grundisburgh Road,
Woodbridge, Suffolk
* < WC BS RW CRW ⊙ KS KF = BB
WC NM △

North West Para Centre

Cark Airfield, Flookburgh,
Nr. Grange-over-Sands, Lancs.
Tel: 044853 672
J. D. Prince, 21 The Coppice, Ingol,
Preston, Lancs. PR2 3OL
Tel: Preston 720848
< BS RW CRW KS KF ⊙ = △ BB ⊙
WC NM

Spread Eagles Parachute Club

N. Melcombe Bingham, Dorset,
Sally Corr, 24 Southsea Avenue, Tuckton,
Bournemouth. Tel: (0202) 421108
* < BS KS KF △ BB ⊙ WC NM

TPA Parachute Centre

Elvington Airfield, Nr. York.
G. Evans, Springbank Overhouses,
Green Arms Road, Turton, Nr. Bolton,
Tel: Bolton 852295
* < BS RW KS KF △ BB ⊙ WC NM

Wales & West of England Para Club

L. Melhuish, 55 Cowslip Drive,
Penarth, S. Wales
no more details

SERVICE ASSOCIATIONS AND CLUBS

Army Parachute Association

Chief Instructor, JSPC Airfield Camp,
Netheravon, Wiltshire
no more details

Rhine Army Parachute Association

The Commandant, RAPA Centre,
STC Sennelager, BFPO 16
≤ ≤ BS RW CRW KS KF ⊙ △ BB x
WC NM

Cyprus Joint Service Adventurous

Training Camp (CJSATC)
Chief Instructor, CCSPC, CJSATC
Pergamos Camp, BFPO 58
* < BS RW CRW KS KF ⊙ = BB NM

RAF Sport Parachute Association
Hon. Sec., RAFSPA, RAF Brize Norton, Oxon.
DZ, Weston on the Green. Tel: Middleton Storey 343
◀ < RWCRWKS KF ◯ × Δ ◎ WC

Royal Navy and Royal Marines Sport Parachute Association
The Secretary, RN & RMSPA Commando Training Centre RM,
Lymington, Exmouth, Devon, EX8 5AR. Tel: Topsham 3781
Ext. 491 or at Club, Luppit 697
< WE = BB × ◎ KSKFRWCRW ◯ Δ WC NM

Hong Kong Parachute Club
CCI, JSPC (HK), Borneo Lines, Sek Kong, BFPO 1
• WE ◎ BSKSKFRW ◯ WC NM

COLLEGIATE CLUBS

British Collegiate Parachute Association
Cris Pomery, 53 Thornton Road, Girton, Cambridge, CB3 0NR

Aberdeen University
Aberystwyth Coll. Univ.
of N. Wales
Aston University
Bath University
Birmingham University
Bristol Polytechnic
Bristol University
Brunel University
Cambridge University
Chelsea Coll., London
Dundee University
Durham University
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Goldsmith's Coll., London
Hadlow Agric. Coll.
Harper Adams Agric. Coll.
Hull University
King's College, London
Lancaster Polytechnic
Leeds Polytechnic
Leeds University
Leicester Polytechnic
Leicester University
Liverpool University
London Coll. of Printing
Loughborough University

Manchester Polytechnic
Manchester University
Newcastle Polytechnic
Newcastle University
Nottingham University
Oxford University
Polytechnic of Wales
Portsmouth Polytechnic
Queen Mary Coll., London
RMCS, Shrivenham
Salford University
Sheffield University
Southampton University
St. Andrew's University
Stirling University
Strathclyde University
Sunderland Polytechnic
Sussex University
Trent Polytechnic
University Coll., Cardiff
University Coll., N. Wales
UMIST
UWIST
Warwick University
Westfield College, London
Wolverhampton Polytechnic
York University

DIRECT DEBITING

A simple and convenient way to pay for your Annual Subscription

Over the years your Association has grown very considerably to the point where we now have 5000/6000 regular annual members and up to 15,000 temporary members in any one year.

Even with the permanent office staff which we are now fortunate to have, maintaining and processing this number of membership records and subscriptions means a good deal of clerical work, a lot of which is still done by hand. This is not helped by the fact that all subs. are currently renewable on April 1st.

In order to save costs and clerical work, and, more importantly, provide a better service to you, the members, your Council has recently made some decisions to bring our methods of administration up to date. The first of these is to look at the possibility of computerising our records and accounting, and this is something that the Finance Committee will be investigating.

It was also felt that we should provide a wider range of options of methods of payment for goods and services, including credit cards, the most important of which is the payment of subscriptions by Direct Debit. The actual amount of the subscription is traditionally determined at the Annual General Meeting in early January at which time the cost of insurance for the subscription year starting 1st April is not known.

Although, for the future, we are trying to have this information available, in recent years, with rising inflation, and the improved cover now in force, it has not been possible to advise members of any increase before subscriptions became due. As a result, the funds of the Association have had to bear the shortfall. The difference has only been 10p or 15p per member but it all adds up.

The attached forms of Direct Debit Authority allow the BPA office to debit your bank account with **the amount of the subscription fixed at the Annual General Meeting plus only the amount of any increased insurance premium** on the anniversary of your subscription, currently the end of March. In fact we would like to originate the debits in the middle of March so that any clerical errors can be sorted out before the membership cards, incorporating the certificate of insurance, are issued.

I would, therefore, urge all members with bank accounts (the majority these days, I would think) to complete and return the forms to the BPA office. This will, in addition to reducing costs, ensure that you do not have to remember to renew your membership in the future, and that your third party liability insurance will always be valid.

Thanks!
Peter Ritchie
Hon. Treasurer

WHAT IS DIRECT DEBITING?

What is Direct Debiting?

It is one of the easier ways of making payments. As with a standing order you give your bank a written instruction to meet payments as they fall due; but in this case the British Parachute Association presents the payment which the bank deducts from your account.

How does it work?

If you have a Bank current account

- 1 Complete the mandate form authorising direct debits to be made.
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- 3 We will pass it on to your bank, for your account to be debited in accordance with your instructions.
- 4 Your renewal will be sent to you.

What are its advantages?

Paying for your BPA Subscriptions by direct debit is a simpler and more convenient way of paying than by other methods. Direct debits, unlike standing orders, can be used where the amount varies and provide for continuity of payment even if the fee changes.

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Hence, this method of payment ensures that your renewal is never overlooked.

What are its safeguards?

Naturally you will think carefully before allowing anyone to raise payments against your account.

But the system has been most carefully designed by the banks to keep you, the customer, fully protected.

Direct debits must be made strictly within the terms of the instruction you have signed.

Should there be a change in the subscription other than at the AGM you will be notified of the new amount to be charged to your account before the debit is made.

You can cancel the direct debit mandate at any time before your account has been charged, simply by writing to your bank and the BPA Office.

You have one other very important protection... **BPA has given an indemnity which will enable your bank to reimburse you if a direct debit which does not conform to your instructions or to any advance notice of a change in subscription (other than at the AGM) is charged to your account.**

AS THE LAYMAN SEES US . . .

Over the years, much discussion has taken place in Council about the difficult subject of publicity and sport parachuting. We even went as far as employing a public relations consultant without much success, but with due respect to them, they were faced with an almost impossible task.

However, although general publicity policy should be taken at BPA office level, the clubs themselves can contribute vastly to the overall public image.

The following are examples of how the media and the lay public see us, and do sensationalise — thus misrepresenting — the sport beyond the realms of acceptability.

1. During a demo by the Scottish Parachute Club **Skymasters** team,

Jim Agnew's canopy (hurriedly packed just before the demo) was found to be reversed. **No comment.**

He decided to cut it away rather than ride it down backwards. Fellow team member **Bob Haxton** followed him down to make sure he was OK and landed nearby.

The cutting below appeared in a local paper under the heading 'HIGH DRAMA 2,500ft ABOVE GALA'.

2. The cartoon appeared on the programme for a school fête in anticipation of a display by the Harriers team. It highlights the

military image the sport still retains with the majority of the public — a hangover from our origins.

As I mentioned, a lot can be done at club level to educate the public, and I would respectfully suggest that all clubs make personal contact with reporters on 'their patch' — be they with the local paper or local radio.

Then if an incident occurs similar to the one reported in the Scottish paper, a personal 'off the record' chat is always beneficial and will go a long way towards accurate reportage.

Of course, living with our 'military image' is a cross we have to bear. While the Falcons and the Red Devils — and many other military display teams — continue to perform at numerous fêtes and shows, it is understandable that the public will equate sport parachuting with the military.

The only way we can attempt to redress this, is to make sure that our civilian teams are as well organised and turned out, and to ensure they put on **as professional a show.**

Whereas in the past, just to land in an arena was something quite spectacular, the public now expect a more sophisticated display, CRW seems to be the answer.

Does your team give value for money?

D.W.

HIGH DRAMA – 2,500 FEET ABOVE GALA

A LOCAL gala day nearly became the scene of a horrific tragedy as a member of a parachute display team plummeted to the ground, out of control.

The crowds at Blantyre Gala on Saturday celebrated unaware of the drama going on thousands of feet overhead.

A desperate mid-air rescue attempt was being made to save the skydiver whose parachute failed to open at a vital moment.

The display was planned as the climax of the celebrations in the town's Stonefield Park as four members of the Scottish Parachute Club's 'Skymasters' team jumped from an aircraft 5,200 feet above.

Things went seriously wrong 2,500 feet above the park when, on pulling the ripcord, team member Jim Agnew watched in horror as his parachute failed to open.

Seeing his friend in potentially fatal difficulties another member of the team, Bob Paxton, manoeuvred his falling body into Jim's path in an attempt to catch his colleague and try the risky tactic of descending together on one parachute.

However, Jim decided to use his emergency parachute and waved off his team-mate.

IMPACT

He jettisoned the now useless main parachute and pulled the emergency ripcord. Mercifully, this 'chute worked properly — only seconds before impact.

Jim landed, safely, in Crawford Crescent, near the planned landing point of Stonefield Park.

His near-rescuer, Bob Paxton, was thrown well off target by his courageous attempt at 2,500 feet.

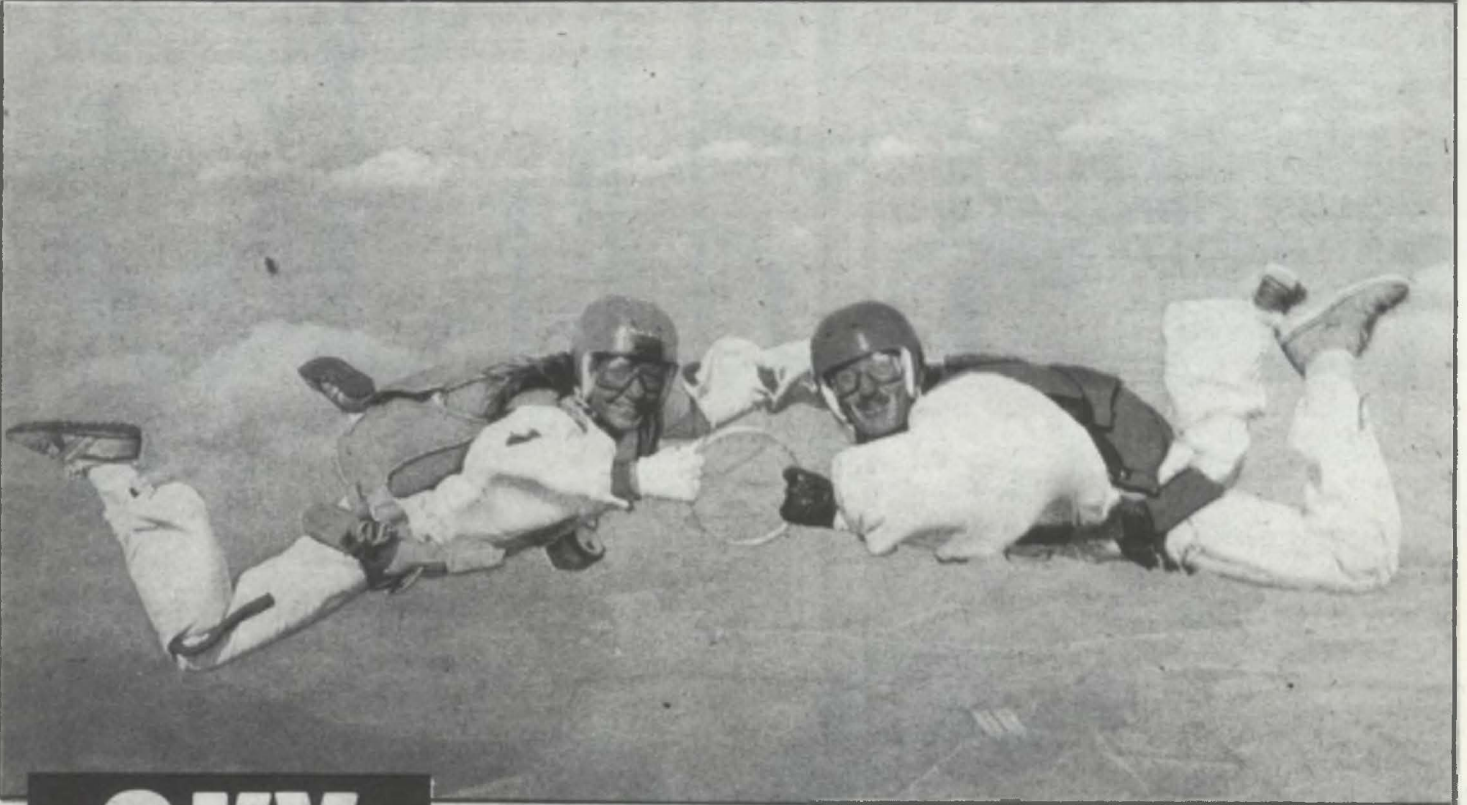
Bob also escaped injury.

The team's chief trainer is, ironically, a Blantyre man, Tony Smith. He told the Advertiser this week:

"This is the first such incident we have had in ten years of displays."



When Susan and Harry fell for each other, they did it in a BIG way



SKY HIGH LOVE



Dave Waterman took the photographs with an Olympus OM-1 camera mounted on his helmet. He used Ektrachrome film 64 ASA at 1/500 at f8.

LOVE was in the air yesterday for skydivers Harry Morgan and Susan Arthur.

For the daredevil lovebirds got engaged 10,000 feet above Perthshire.

Harry, 35, popped the vital question seconds before they jumped out over Strathallan Airport.

Susan, 21, of 29 North Erskine Park, Bearsden, Glasgow, only had time to give a breathless "Yes" before the couple plunged out of the aircraft in a 120 m.p.h. drop to the ground.

During the 40 seconds before they pulled the rip-cords, Harry,

By **KEN STEIN**

of 15 Culzean Avenue, Coatbridge, Lanarkshire, handed over a giant ring—and planted a kiss on his fiancée's lips.

And back on the ground Harry presented Susan with a diamond solitaire ring.

KISS

He said later: "I've been free-fall parachuting for 13 years. I met Susan through the Scottish Parachute Club.

"I proposed to her aboard the aircraft. I was pretty sure she'd accept, which is why I brought along both rings.

"We jumped out together and even had time for a kiss before we had to open the parachutes."

Susan, a technician at a Glasgow hospital, said: "People do strange things two miles up, but Harry hadn't changed his mind when he hit the ground.

"I can't imagine a more romantic proposal. I really didn't have time to think.

"Now we will have to look around for a free-fall minister who can do a marriage ceremony in 40 seconds."

Photographer Dave Waterman, of Cheltenham, added: "I just hope Harry and Susan don't expect a whole set of wedding pictures taken from the same height."



Harry and Susan relax after falling for each other—the hard way.

Finally, it is possible to get co-operation and considerable publicity from the media — as demonstrated

in the article published in the *Scottish Daily Record*. This was a full page story in colour.

Congratulations to Sue and Harry on their engagement!



FLYING INTO



FALLING INTO FLYING

Birds, aeroplanes, kites, hang-gliders, flying squirrels, windmills and skydivers all have at least one thing in common — they are all able to achieve, to various extents, control of their movements through the air. Some of them achieve this control by moving themselves through the air, while others let the air move through them. But in all cases the principles involved are the same.

As skydivers we of course use gravity as our motive force to move us at a fair rate of knots through the air. At this speed there are considerable pressures exerted on every part of our body, by the relatively motionless body of air through which we pass.

It is by the deflection of this air that we are able to achieve control of our bodies.

Most skydivers first become aware of the use of their arms and hands in freefall. Next we become aware of our legs and torso. There is sometimes discussion as to which parts of the body are of the most use to the Relative Worker. In fact they are all of equal use. In fact every part of a Relative Worker's body is used to control his or her flight.

Flat Turns

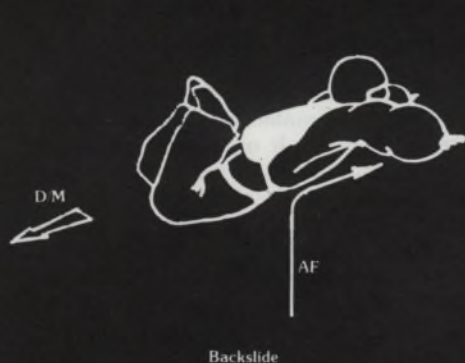
We generally use our arms and legs to initiate flat turns. We extend or retract our limbs to go up or down relatively. We can use our heads to control turns as well. When we turn our heads right, or left, we tend to bend our bodies in that direction

also, which helps create a turn. Also, by bending the head up or down we change the shape of our backs which has an effect on our basic body position, making us fall faster or slower for instance.

The angle at which we present our bodies to the air has a great effect on horizontal movement. By extending the legs we move forwards, by extending the arms we back slide. This is all achieved simply by changing the angle of attack of our bodies to the air flow, in the same manner as does an aircraft, hang-glider or Ram-air parachute etc.



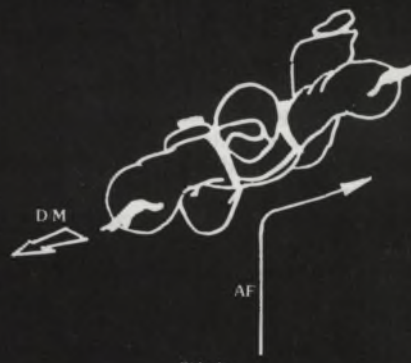
Windmill from above. Direction of movement (D/M) Airflow (A/F)



Backslide



Delta



Sideslip

To achieve a stable flat fall position we must acquire a balance of arms, legs and torso.

Small Adjustments

One of the hardest positions to learn when first attempting RW, is to fall a stable base without moving horizontally through the air or turning on axis. Most novice RW'ers tend to over-correct in a similar way a learner driver over-corrects with the wheel of a car. Very small adjustments are usually all that is required to achieve the desired affect. Large flappy movements are definitely undesirable and result in flaily Relative Work.

One thing that may help novice RW'ers who suffer from this problem, is to study the experienced RW'ers on some of the 16mm films now available. You will notice that no drastic movements of limbs are made at all and yet smooth RW results.

Our legs present a much larger working surface than our arms and therefore are potentially more powerful in the air. An interesting dive to help learn control of the lower half of the body, is for two of you to go up one day and build a two man 'caterpillar'. The front person must then try to turn the 'cat' left while the back person tries to turn right. The back end will normally win every time, using only legs and lower body. Do it once then change positions and do it again.

Head Control

An exercise to help learn control with the head only, is to go into a no-lift dive, with legs and feet together and both hands behind your back under the back pack. All directional control is then achieved purely with the head. The RW'er's hands are of course extremely useful control surfaces. They are used to deflect air to turn, or cup air to fall slower, or as air brakes to stop. To discover how much we do in fact use our open hands in freefall, try going up one day and do a complete RW jump with clenched fists (except grips of course). You'll find it's not easy.

Most jumpers tend to have their own particular natural position in freefall. But it is essential to learn and master a range of basic body positions. The flat Frog type position is the most commonly used. A more pronounced arch will tend to increase Terminal Velocity, while a slight De-arch or Dyhedral position will generally make us fall slower.



Flat Frog



Banana Position



Dyhedral Position

The flat Frog or Dyhedral positions will afford the Relative Worker faster, more positive controlled movement than does the Banana type position which is inherently more stable and therefore requires greater effort to move.

The Banana position is however very useful for mushing down vertically into a slot or steeply towards a formation.

De-arch Technique

The De-arch is a technique well worth mastering, as it has many uses. It is probably used mostly as a recovery method, allowing you to come back up to the group's level after going low. To attain a good De-arch the arms and legs must be pushed down towards the ground and the body bent as though over a barrel. The head must be bent downwards also to enable the spine to bend. You should still be able to keep an eye on the formation by turning sideways on and turning your head to one side.

This is a pretty unstable position and not many people in fact manage a proper De-arch, even when they think they have.

The De-arch is also very useful when exiting a long way back on a big load. Snapping into a De-arch immediately after exit, whilst still in the throw forward, will help to take you over towards the base and therefore cuts down on horizontal separation. It can also be used very effectively to slow down rapidly after a fast swoop.

Art of Docking

To master the Art of Docking on a base person or formation, is of course a major stepping stone. Again we can compare skydivers with other flyers. An aircraft for instance, makes a docking with the runways, a flying squirrel controls its glide to make a docking where it chooses. The principles involved are all basically the same. The first thing to do is to select your Vertical speed so that you can catch up with or close in on the target. As you are approaching vertically, you should move in closer horizontally at the same time, by using a combination of arm and leg control to maintain a steady glide path of approximately 45° towards your slot. You should only get down to the formation's level when you are a couple of feet away. It's an all too common mistake for RW'ers to arrive on the formations level too far out and then to suddenly realise that they are unable to match its Vertical speed or pace, thus ending up low. This situation should never occur if the correct approach angle was achieved from the start and maintained.

The Terminal Velocity or Pace of a RW dive is a very important factor. Generally, the faster we fall, the more pressure is exerted on our control surfaces, which therefore affords us more instant control and faster reactions.

Fast Pace

If the pace is fast, everybody is able to remain in a relatively small position which is advantageous because it allows the individual a greater control range. Conversely, if everybody is forced to fly spread-out to be able to match a slow pace, then control range is restricted and usually someone ends up low. Size of jumpsuit is one factor which can have a dramatic effect on a group's pace. Jumpers relaxing into large, spread-out positions after docking is another common cause of slow falling or floating formations.

FALLING INTO FLYING CONT.

I could rave on all day about RW techniques, but everybody I'm sure would agree that the only real way to learn RW is to practise, practise, practise. However, there are ways and ways, to practise. The first prerequisite is lots of altitude or as much as possible on each dive. One skydive from 12 grand is worth more than two from 6 grand. There is less time used up in tracking off and therefore a gain made in positive working time. (Also saves on pack jobs, which must be good news.) It is best to learn basic RW in small groups — two at first — up to a maximum of about four. There is no profit in wasting valuable air time waiting for other novice RW'ers to get near you, when you could be flying more yourself.

Exercises

There are numerous exercises that two jumpers can perform to improve basic skills. For instance, jumper 'A' could act as base, whilst 'B' does a series of

dockings — a 'straight pin', a 'back-in' or a 'compressed accordion' dock. Then change over and let 'B' act as base.

'No contact' flying is a good way to experience control, close to other jumpers. Try to fly as close as possible without taking a grip, then move right around the base, trying not to slide away, until you come back to the starting point. An interesting exercise is to fix rubber bands on jumpsuit legs. Grips must only be taken on a band and the band must not be broken. This could be called 'no contact' flying *with* grips.

Even when jumping in twos you should plan every second of the dive. Try to be innovative and use all the skills available to you.

Once you've started to grasp the basic feel of body control in the air, then you will be able to progress on to more demanding dives with four or more people having to relate to a group, which may have different inherent flying characteristics than does an individual.

Group Commitment

By far the best way to improve RW skills rapidly, is to make the commitment to a group or team. It makes no difference if the team is likely to win medals at next year's Nationals or not. The act of jumping continually with the same people, knowing how each other flies, how fast they fall and almost what they are thinking, will improve everybody's individual flying skills like no other method.

To take it one stage further, a continuous training session or two, with guaranteed jumps back to back with the same people, will really accelerate that learning process.

Once you have mastered the basic skill of controlling your body motion in freefall and learned to understand the feel of the air, then you can safely say without fear of contradiction that you have learned to FLY.

ROB COLPUS

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by PETER HICKS



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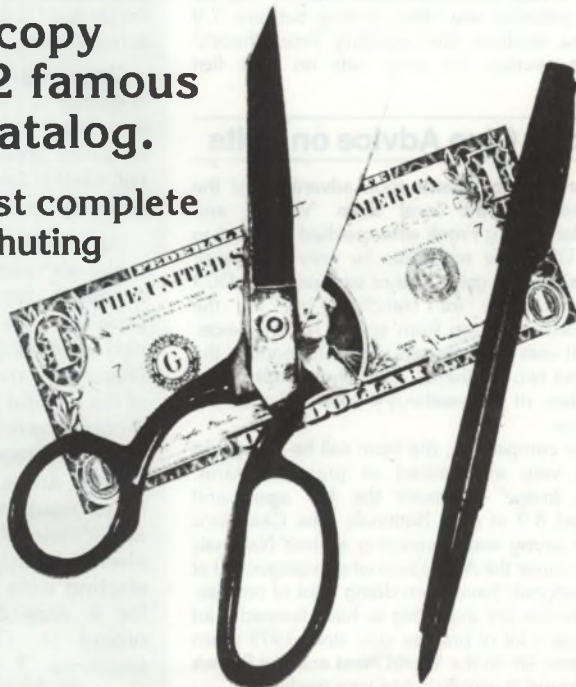


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BRITISH TEAM TRAINING — by Sarah Brearley in Perris

This year both British RW teams, 4 Way and 8 Way, were drawn from the same 10 'Symbiosis' members. The 4 Way is made up of Geoff Sanders, Tony Uragallo, Rob Colpus, and Dane Kenny, with Willy Grut as alternate. The 8 Way is these five plus Robin Mills and Fred and Jim Keery, with Kath MacCormack and Jackie Smith as alternates.

The choice of training camp, apart from weather consideration, was decided mostly by aircraft. The World Meet is to be held from DC3s and to be competitive in the 8 Way, a team must certainly be launching 8. For this reason a DC3 is vital for training.

Although DC3s are abundant in N. America, finding one which will be flying six loads a day eight weeks before the World Meet is not so easy. The Australian teams 'Prometheus' (8 Way) and 'Nine to Five' (4 Way) were the only other teams planning an extensive training camp in the US before the Meet, so the three teams planned to fill a DC3 at Raeford, N. Carolina. However, the camp suffered from more than the usual organisation problems. Aggravated by the uncertainty of fuels available and the US air traffic controllers' strike, the team finally arrived at Raeford to discover the Australian team 'Prometheus' had changed their plans and because Raeford could not provide a back-up DC3 they were now jumping at Perris Valley, California. With the necessity of a DC3 exit in mind and no hope of filling a DC3 on the east coast until right before the World Meet, the team had no choice but to join the Australians in Perris Valley.

100 Jumps Planned

100 jumps were planned in both 4 and 8 Way and from past experience 'Symbiosis' had found that to make the optimum use of each jump, two weeks of six jumps a day was the maximum before progression started to level off and a break was needed. For this reason the team planned to do two weeks of 4 Way before being joined by the rest of the team for two weeks of 8 Way and then travel to Zephyrhills and continue with both.

Although the 4 Way won a silver medal in the last RW World Meet in 1979, the team has made few practise dives in the off year and has fallen behind their competition, as National Championship averages show. The winners of the 1979 World Cup 'Rocky Mountain High' have split, but two of them now form part of the present Canadian Champions 'Ospeck' who averaged 11.3 at their championships, whilst the US champions 'The Golden Knights', averaged 10.8 at theirs. The Chinese are still an unknown quantity but averaged 9.8 in their last international competition against the Australians in June. 'Nine to Five' averaged 9.3 at their own championships. However, one must bear in mind that scores will be influenced by the relative difficulty of the dives drawn at each Meet and as always 4 Way is open to unexpected teams. 'Our Way' the Belgian team who have been together for 3 years, beat the Canadian team with 40 points in a three round mini-meet at the start of their training camp at Zephyrhills.

'Symbiosis' who averaged 9.3 at the Nationals, decided to concentrate on the set sequences in training, although their average was good, they were still not getting very high scores from the fast flyaround dives and they wanted to experiment with new rotation methods on some sets. Polarvision was particularly beneficial for this and was used on most jumps. Both Australian teams were using the same system and between them the three teams built up an extensive library of dives for reference.

Randoms Improved by 1.7 Points

After approximately seventy jumps, twenty randoms and fifty sets, 'Symbiosis' average for randoms had improved by 1.7 points and surprisingly only 0.6 points on the set. The low figure is probably due to experimentation on sets and this is supported by their overall average 9.26 which is slightly lower than their Nationals average. A more realistic comparison is with their pre-Nationals training average which shows an overall improvement of 1 point, which is in line with the team's expectations. Tom Pirras of 'Visions' the team who won a silver in the US Nationals and hold the world record for 18 points in time, compare scores for set sequences with the team and using the preferred rotational methods, scores compared favourably particularly in the harder sets. With the rest of the training planned, the team should be averaging in the mid 11s by the Meet, which will put them in contention for a medal and possibly a Gold.

'Symbiosis' have less experience of international competition and training in the 8 Way, than the 4 Way, although five of the current members were part of 'Form Eight', a basically scratch team who came 5th in the 1979 World Meet with only fifty practise jumps. The rest of the team have not trained extensively in 8 Way since 1977. In spite of this the 8 Way is probably the most talented team the country has produced for many years.

To start with, the team made several exercise dives to work on rate of fall and rhythm. Several different combinations of slots were tried, but using two of the 4 Way in the base and two on the outside was settled on. Although scores were erratic, mostly due to problems with the exit, the team's potential was clear, scoring between 7.9 on some randoms and equalling 'Prometheus's' practise average for some sets on their first attempt.

Visions Give Advice on Exits

For the exit, the teams took advantage of the experience of the local team 'Visions' and particularly Craig Fronk who coached the team in 1977. US Silver medalists by only one point, 'Visions' have a great deal of experience of DC3 exits, not only for launches, but for the all-important line-up from speed 10 Way exits. The exit uses three floaters with a diamond in the door and two on the tail. Still photographs were also taken of 'Prometheus's' exit and used for reference.

In the competition, the team will be up against several very experienced or practised teams. 'Mirror Image' represent the US again and averaged 8.9 at their Nationals. The Canadians have a strong team averaging at their Nationals and of course the Australians who averaged 6.3 at their Nationals have been doing a lot of practise. The Chinese are expecting to have learned a lot and done a lot of practise also, since 1979 when they came 4th in the World Meet and the French team 'Icarus' is usually in line for a medal.

With 'Symbiosis' still at early stages of training, it's hard to work out an average but if training goes as planned, the country has its best chance yet of a medal in the 8 Way.

PICTURE CAPTION CONTEST

Here are three pictures which require captions. A chance to help the editorial staff of SP.

First prize is a RW jump with Bob Charters. Second prize two RW jumps with Bob Charters.

PERRIS

Perris Valley Para Center has grown enormously since its neighbour Elsinore was flooded in late 1979. The centre owns two DC3s, a Twin Otter and a Cessna 195 and provides good additional facilities of a bunkhouse (sleeps 20-22 per night) with freezer and cooker, a snack bar, bar and pool.

First jump course and student training is available and prices are as follows:

Static line and DRCP	\$6.00
Clear Pull	\$6.50
5 sec	\$7.00
10 sec	\$7.00
15 sec	\$7.50
20 sec	\$8.00
30 sec	\$8.50

However, as at most US DZs, gear and instruction are additional costs, as Main packed is \$6 per jump, \$3 if you pack it yourself, a reserve \$2 per jump. Helmet, boots and jumpsuit are \$1 per day and a jumpmaster is \$5 per jump.

Regular jumps are \$1 per thousand feet. Weather is virtually guaranteed, although the wind may be over the limits for students around midday sometimes. The DZ itself is large with few obstacles and a ploughed surface.

Although 'Symbiosis' found it hard to make six team jumps a day, the centre is excellent for fun jumping and would probably be flying 2-3 DC3 loads mid-week without the teams. Ben and Diana who run the DZ are very supportive of their local jumpers, helping to finance record attempts and competitions, planting grass for packing and building shaded areas. The Center has built up a large group of local experienced jumpers and 'Visions' jump regularly and are already planning their training for 1983, starting with setting new World Records for 8 Way Sequential, raising the set record to 15 points in time for set sequence 7, and now working on a specially designed random.

Perris itself is within walking distance of the DZ and has good shopping facilities, Greyhound station and post office.



SHADES OF THE 70s

Kinetic RW technique give this photo by **Chairman Charles** an air of the early 70s. As **Bob Charters** takes out an attempted 9 man round, all wearing front reserves and aero conicals over Netheravon.



The marine display team going to work? No comments about defence cuts please!

Send your caption entries to SP by November 20th. I was kidding about the RW jump with Bob Charters — honest!

Brian Dyas over Netheravon at Simon Ward's feet doing CRW?



picture S. Ward



THE SOUTH-EAST PARACHUTE CUP — GRAZ, AUSTRIA — 18th-24th August, 1981

The 1981 Classics provided a team of five (the first five placed overall) to compete in the South-East Parachute Cup in Graz, Austria. The team being **Dave Tylcoat, Scotty Milne, Steve Treble, Jim Coffey** and myself. Thursday 13th August we departed Headcorn DZ en route to Ramsgate Hoverport where a minor problem delayed us by three hours. The AA had to be called out to replace a faulty alternator on the BPA van.

After a 'bum squaring' 22 hour drive, we eventually arrived in Graz, somewhat 'Kerry Packered' and in desperate need of a shower and a good sleep. Franz Lorber, the organiser, swiftly escorted us to his refrigerator and gave us our first taste of his hospitality. Thirst quenching beers!

We had two practice days before the competition started, but the exorbitant jump prices restricted us to only a handful of training jumps. Approximately £5.00 for an Accuracy jump, and £10.00 for a Style jump. I would imagine only millionaires could possibly afford to do RW at those rates.

The day before the competition, Scotty had a tremendous opening which nearly split his 252 into a 126 on each riser. Only the reinforcing tape on the canopy tail kept it intact, otherwise he would have had to chop it. Fortunately, Pete Sherman was present with his Dubai team, and offered to loan Scotty a complete set of gear.

The competition was 4 way Team Accuracy (8 rounds) with Individual placings, and 4 round of Style. Being the fifth member, I formed a team with a Chinese girl, a Czechoslovakian girl, a Czechoslovakian male, and myself. An appropriate name would have been 'Mass Confusion' as conversing was like auditioning for the TV programme *Give us a Clue*, but we seem to make ourselves understood, I think???

Chinese Team

A total of 31 teams from 14 countries (121 individuals) took part in the competition. Very interesting to watch were the Chinese, who looked more like juvenile gymnasts than skydivers. The youngest member of their team had obviously been snatched from the cradle, a mere 16 year-old girl (who looked not a day over 10) but with a total of 1,250 jumps to her credit. One of her male colleagues was 17 years-old and has over 2,000 jumps. *Sigh!* Every member of their team jumped Chinese copies of a reefed cloud, and containers very much like the old French conventional gear. Observing their Accuracy techniques made me cringe. Every set up looked like a low hook into wind, with no time for adjustment, but they were always where it mattered, right on the 5cm disc or pretty close. The packing of their parachutes attracted Western jumpers' attention. Packing in pairs, they folded the canopy from the underneath side.

Scotty Number 13

The helmet number 'draw' found a victim for number 13. **SCOTTY!** He preferred to call it 12a but it still proved to be unlucky for him. After two rounds of Accuracy the lads were sitting pretty good. Scotty 0.00 and 0.01, Dave 0.02 and 0.00, Steve 0.05 and 0.07, and Jim 0.00 and 0.00. Then came the crunch. After his first Style jump, Scotty attempted a back riser landing, but was unable to grasp the risers on the new rig he had borrowed. Whilst grappling, his canopy built up tremendous speed and 'spudded' him into the ground making an horrific thud (or should I say 'spud'). It was more of an arrival than a landing and the airport manager would have charged Scotty a landing fee had he seen it. Suffering more from the shame of having made a basic mistake, in front of a large international audience, than the pain in his ankles, Scotty limped back to the British tent. Within minutes the ankles swelled like balloons and had more colour in them than an artist's palette.

This forced him to withdraw from the competition, much to the delight of his rivals. I therefore, had to abandon my international team, and take over where Scotty left off.

Brit Team 5th

The weather conditions were basically the same every day — difficult. At midday, the thermal monsters lurked causing havoc to the canopies. One of the unlucky ones was Jim, who having watched the winds get up to just below the limits, set up too close for comfort and dropped 58cm. Bad luck Jim. Apart from this he totalled only 10cm for the other 7 jumps. Steve performed very well, but having made eight perfect approaches always seemed to put his foot everywhere but on the disc. The competition proved to be of invaluable experience for Jim and Steve who had never competed at such a major international level. 'Off year' meets are an excellent opportunity to gain experience especially to those who may be competing in future World Championships. **Dave Tylcoat** proved yet again to be one of our best contenders for the World Championships next year. He totalled 15cm (bad foot placement) and came joint 7th. As a team, we came in 5th place with a total of 1.25.

The Style event was dominated by the Silver Medallist at last year's World Meet, a Frenchman by the name of Lubbe Christian. On his second Style jump he performed a 5.57 but had a minor penalty so his score was 5.77. *Incredible!* The French always seem to produce good Style jumpers. Maybe it's all the wine they drink at lunchtime.

SÜD-OST PARA CUP 1981 — GRAZ, AUSTRIA

Team Accuracy

Mannschaft Team	Nat.	Durchgänge/Heats								Tot
		1	2	3	4	5	6	7	8	
1 Deutsche Bundeswehr	BRD	17	0	8	10	5	10	4	9	63
2 Bundesheer	A	6	10	12	19	2	10	11	11	81
3 Frankreich Herren	F	28	5	8	11	2	10	16	11	91
4 CSSR Herren	CSSR	40	16	7	10	5	10	15	7	110
5 Grossbritannien	GB	7	8	10	66	6	8	7	13	125
6 Italienisches Militaer	I	3	7	42	10	7	41	13	18	141
7 Jugoslawien	YU	7	50	82	12	5	10	25	5	196
8 China Herren	CHIN	9	140	17	15	14	3	8	10	216
9 CSSR Damen	CSSR	19	44	10	102	29	23	3	55	285
10 Vereinigte Arabische Emirate II	UAE	43	16	42	5	47	111	27	16	307
11 HSV Klagenfurt	A	96	32	9	140	33	19	4	24	357
12 Frankreich Damen	F	58	8	16	132	4	83	63	16	380
13 Vopobodro	NL	36	102	17	129	40	6	63	42	435
14 Dutch Connection	NL	326	16	9	12	2	34	27	14	440
15 International III	*	34	16	15	171	5	9	67	134	451



Chinese Ladies Team

Tie-Breaker Jump Off

Incidentally, the 5cm disc does not dispense with tie-breaker jump offs. Two men, a Yugoslavian and a West German both sitting in first place with an 8cm total. The Yugoslav jumped first, struck the pad and the inevitable happened. PAD MALFUNCTION. The excitement grew as the poor chap had to witness the West German's jump, score 0.01. On his tie-breaker rejump the Yugoslavian scored 0.00. A good winner and a fine end to an exceptionally well-run meet. Not one protest.

The prize-giving took place and I was very proud to get up on the rostrum again and take 2nd place in the Ladies Accuracy, behind a



Our Jackie with silver

Czechoslovakian girl. She totalled 15cm and I was 3cm behind on 18cm. Sorry about that!

After a fun competition, organised for the public's benefit and TV, we lazed back and watched a superb air show. The star of this being a 65 year-old World War II veteran by the name of Tiger Schultz, who made a parachute jump on his old WW II equipment. His exit altitude was just 60 metres!! I could go on, but that is another story.

JACKIE SMITH

Scores

Accuracy (Men's)									Tot	Pos
Dave Tylcoat	0.02	0.00	0.04	0.02	0.01	0.01	0.05	0.00	0.15	7th
Steve Treble	0.05	0.07	0.04	0.02	0.04	0.01	0.00	0.06	0.29	31st
Jim Coffey	0.00	0.00	0.01	0.58	0.01	0.03	0.00	0.05	0.63	49th
Accuracy (Women's)										
Jackie Smith	0.03	0.03	0.01	0.04	0.00	0.03	0.02	0.02	0.18	2nd

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SHOBDON RW SEMINAR



It could have been California — the weather was that good. As a preamble to the Seminar on Sunday afternoon the two C206s took a 10 way up which built to 8 out of which came three SCRs.

Monday morning started by the course of about twenty-five introducing themselves and divulging their RW experience and any problems or skills they did or didn't have. There were a number of regular HPC members but people showed up from many other DZs such as Netheravon, Peterborough, Tilstock and Headcorn. The level of experience varied greatly from those people who had their introduction to RW the previous day to those who were interested in competition work. **Dave Howerski** gave an explanation of the week to come and a DZ and safety brief, after which dirt diving and jumping began about 11 am. Thanks to Dave's efficient rota system and dive organisation which consisted generally of 2, 3 and 4 way, incorporating a high ratio of learning technique, the course was roughly divided into an A and B stream so that each day you were allocated different dives to make with different people. There were three visiting instructors, **Nigel Slee**, **Mike McCarthy** and **Frank Donnanan** together with the two resident instructors, namely **Dave H** and **Kipper White**.

Lectures started at 9 am Tuesday until the clouds disappeared around lunch time. Jumping then continued until dusk despite a fuel problem. The first lift Wednesday was a 9 way with **Charles Shea-Simonds** as cameraman. Later on that day Steve Naylor jumping a PC had a malfunction, his first cutaway which was celebrated that evening with a yard of ale! Not to be outdone the following day **Rod Bloggs** also had a malfunctioning PC and yard! Sunset Thursday saw another 10 way in the sky after which for a mere £2 a head everyone had all the food and beer they could handle, and all joined in with the sing-song led by **Nigel Slee** and his magic guitar. A kind of Gold Frog Award was made during the evening to **Sid Lippett** for being the nice guy of the week. He certainly had put out some good vibes and could regularly be heard shouting "Catch me if you can" as he lobbed out the door at 10,500 ft with a smirk on his face. (Sorry Sid — only kidding.) Friday morning we had 8/8 cloud cover which fortunately was a high overcast with a cloud base above 10,000 ft, so jumping wasn't hindered at all. A few people got their Cat. X, one being **Jeff James** (Netheravon Junior Staff) on his eleventh RW jump! Come the middle of the afternoon Dave H was spotted under canopy way off on the horizon... no, not a bad spot — an unintentional exit. After despatching students, oil pressure in GAXJY dropped and she glided back home. So we were down to one C206 and minus the CCI, though a friendly farmer brought Dave back later.

Three instructors who joined the course who were self financed helped out during the week with students, **Chris Pollett** running the holiday course and **Kevin McIlwee** and **Keith Toyer** helping with despatching. There were fifteen people trained plus the holiday course who all jumped. In fact forty-five first timers and over eighty students jumped during the week of the Seminar. In total we shifted almost 600 descents, six people had SCRs and two had SCSs one of whom was **Trevor Warringer** on his 300th jump. The two aircraft had clocked 70 hours flying, thanks to the two pilots **Crash** and **Derry**, and almost everyone was broke. All that was left was to present Dave and Susie with a few small tokens of our appreciation and to thank all the other instructors and experienced jumpers who helped us less experienced souls. Thanks to **Ricky Shaw** (Manifester) who did a really tremendous job, and to HPC for all their facilities including the canteen and bar which remained open for the week to accommodate all our needs.

Thanks again Dave for a really great week which I'm sure was of great benefit to all who participated. Roll on next year.

JAKKI TOVEY
HPC C2891

"You have made a fine book; it is the ultimate reference for the RW type at whatever level he is at. Congratulations."

Andy Keech, (author Skies Call), Washington D.C.

"You've finally put into words the concepts, ideals and beliefs we've all so long felt. You have grasped the essence of the warm friendship of a golden sunset load, spiced it with the taste of competition, then served it on the plate of learning so that we can all digest it and create our own sky pictures. Thank you so very much for all you have given us."

Billy Bishop, SCR 549, Elsinore, California

"Your book is what RW's needed for a long time. All the RW'ers over here are stoked on it."

Graham Darr, Kirribill, Australia

"Throughout the book the message comes across — you respect and love people. That aspect alone makes it worth reading . . . not only for the novice but also the experienced jumpers. I have read it twice and plan to use it for future reference. (I have made over 1100 jumps, and have trained and developed RW jumpers for the past three years.)"

Paul E. Reed, Woodbine, Maryland

"Your Super Book came at just the right time! . . . I plan to practically memorize it . . . it answers ALL my questions! You should have called it, 'Everything You Always Wanted to Know About RW But . . . etc.'"

Judy Simpson, (D-334), Boston, Massachusetts

"Please send me another copy of your book. It's really been a help. I'm understanding what I've been doing now and I can explain it to other people. I wish it had come out sooner. We are all learning; you have given us a basis for understanding what we learn."

Tony Phelps, (SCR 4492)

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First all-collegiate 9-way

BRITISH COLLEGIATE CHAMPIONSHIPS

The 1981 British Collegiate Parachute Championships were held at Sibson over 26th-28th June.

Following discussions at the AGM a 4 way RW event was included in the competition for the first time. This was to be run using the rules and sequences governing 4 way RW at the National Championships, and with the aim of producing a winning team to represent Britain at the World Collegiate Parachute Championships in the USA at Christmas. In addition other events included 2 way RW, Style, Novice and Senior Accuracy, and an Elegance competition for static-line jumpers who were to be judged on their exits, positions and landings. The variety of events enabled jumpers of all levels to participate and by the Thursday some 40 students, representing 15 colleges and universities, had arrived at Sibson.

After a kit inspection, the meet briefing was held on Thursday evening where the judges outlined the rules and drew the set sequences to be used in the RW events.

The following morning was cloudy and windy, this weather persisting all day, allowing the 4 way teams plenty of time for their lengthy dirt-diving sessions. Saturday, however, dawned with a cloudless sky and low winds so that by 10.30am the first two rounds of 2 way RW had been completed, using 25 seconds working time per round. At this stage, the Bristol University team of **Kevin Hardwick** and **Andy Law** were left tying with **Frank Smith** (Birmingham University) and **Garry Gnapp** (Trent Poly), each team with 9 points in time. They were closely followed by the Liverpool University team of **Mike Smith** and **Mike Dexter** with 7 points. The first round of 4 way then got under way.

Harry Morgan who had somehow managed to establish student identity with an immaculate union card had brought his team down from Scotland which included fellow team members from Foreplay, **John Keith** and **Ian Aitken** and **Gary May**.

The other 4 way teams in contention were Nexus, consisting of **Mark Cox** (Lanchester Poly), **Garry Gnapp**, **Kevin Hardwick** and **Frank Smith**, with **Dave Turner** as alternate, and a scratch team made up by the Liverpool pair, **Dexter** and **Smith**, **Andy Law** and **Bob Connell** (Newcastle University).

The Scottish team jumped first producing 2 points and this was equalled by Nexus, but the scratch team failed to complete the first manoeuvre, a zipper, in time.

As cloud base then came down, the judges started the Accuracy events. Twenty three jumpers entered the Senior Accuracy, a far cry from the BCPA championships of two years ago where only 7 jumpers had ram air canopies.

Both **Garry Gnapp** and Newcastle medical student, **Alison Busfield**, scored DCs in the first round with **John Keith**, in third place, scoring 6cm. Two more rounds saw Garry maintaining his lead with a total of 21 cm, Kevin Hardwick moving into second place with 1.80m and John Keith hanging onto third place with 1.91m. These proved to be the final placings in the Senior Accuracy, when the judges decided to get in the second round of 4 way before dark.

In this round, the Scottish team, who went first, earned a rejump due to confusion in exit commands from the aircraft, the scratch team failed to score and Nexus went into the lead, scoring 3 points in time.

This ended jumping for the Saturday and that evening **Sue Meacock** kindly laid on an excellent buffet for the competitors and judges. On Sunday the 4 way event continued with the Scottish team zapping on their rejump and also failing to score on round 3. The scratch team however, solved their exit problems and scored 2 points whilst Nexus earned another 3 points in time. Round 3 saw the conclusion of the 4 way event and left Nexus clearly ahead with 8 points, the other teams tying with 2 points each.

With the time remaining on the Sunday, it would have been difficult to complete a Style event and so the judges opted instead for a final tie-break round of 2 way RW.

Using 15 seconds working time, the Bristol team emerged as the winners by one point, with 12 points, from Smith and Gnapp with 11, and the Liverpool team who were placed 3rd with 9 points.

In the Novice Accuracy all three jumpers were unfortunate enough to zap, scoring greater than 25m on DL canopies, but at least none of them experimented with downwind landings.

The static-line Elegance competition which had been run in the meantime, was keenly contested and produced a tie for first place with both **Chris Avery** and **David Simmons** scoring 9 out of 10 points, and **Jean Vassallo** and **Peter East** each challenging with 8 points.

This brought the competition to its conclusion and prior to the closing ceremony there was just enough time to have one attempt to build the first all-collegiate 9 way which had narrowly eluded us at Easter.

After a careful dirt-diving session, it was a tired but relaxed group of skydivers who climbed to 10,000ft in the Islander on the last dive of an excellent weekend. Following a shaky exit, the formation, a 3 man base with flakers on each leg built steadily, and the 9th jumper docked smoothly before breakoff, making the first British Collegiate 9 way a fact.

This happy event was followed by the now traditional BCPA prizegiving in the bar, characterised by the absence of the trophies. (**Steve Thomas** and **Geoff Hirsley** please note and return them!), and Garry Gnapp whining,

because there was no award for the best dressed competitor.

It remains for us to express our gratitude to **John** and **Sue Meacock**, together with the **Peterborough Parachute Centre** staff, for hosting the BCPA Championships with such efficiency and hospitality yet again, and to **Dave Turner** for his part in organising the meet which meant sacrificing the change to jump.

Our thanks are also due to the judges, **Ronnie O'Brien**, **John Hitchen**, **Ray McGuire**, and **Roger Flynn** for their patience and experience.

In conclusion, the BPA Council at their meeting after the Nationals, at Netheravon, gave their moral support to Nexus to attend the World Collegiate Championships as the first official British Collegiate Parachute Team. Let's hope this is the beginning of better fortunes for Collegiate parachuting in this country. See you at next year's Nationals!

SCHOLARSHIP COURSE PETERBOROUGH

At the last BPA scholarship course held at Peterborough, four candidates assembled for a weeks' intensive jumping — these being **Alan Heatherington** from Sunderland, **Steve Hullins** and **Nigel Peart** from Ashford and **Dave Richard** from SPC.

After the usual style jump to assess the jumpers' individual ability, we proceeded onto Cat X progression jumps, (which everyone obtained within 3 jumps).

Once this was out of the way, the more serious jumping could begin. A total of 16 jumps each were made ranging from no-contact 2-way, to more complex 5-way no contact sequential.

During a no-suit 8-way dive, I'm afraid several individuals committed the heinous crime of dragging a perfectly stable 3-way beneath our beloved NCSO, with the inevitable results.

Luckily our NCSO emerged shaken but unscathed from the ordeal. (He even bought a round!)

With ideal conditions and the use of John's Turbo 206 and new Porter, we were getting 12 grand on most of the dives.

Lyn George and myself were instructing on the course with help from PPC staff, **Dougie** and **Hitch**.

Many thanks to John for his help and co-operation.

MATTHEW MORTLOCK

BRITISH PARACHUTE ASSOCIATION

COUNCIL MEETING KIMBERLEY HOUSE, LEICESTER

24th AUGUST 1981

Present:

G. C. P. Shea-Simonds Chairman BPA
 P. W. Ritchie Chairman Finance Committee
 J. Laing Chairman STC

P. Corr
 J. H. Hitchen C. W. Port Secretary General
 R. O'Brien D. Peacock NCSO

R. Hiatt
 D. Waterman
 J. L. Thomas

Apologies:

J. T. Crocker
 Vice Chairman BPA

Co-opted Members:

L. Melville
 D. Hennessy RAFSPA Chairman Competition
 D. Turner BCPA Committee

Observers:

J. R. H. Sharples
 S. Chalk P Reynolds Chairman Club Committee
 R. Burgess P Coker D. Kenny
 S. Cooper R. Peakin W. Grut
 A. Meysner C. Pyper D. Tylcoat
 J. Lines J. Carter J. G. Starling
 A. Butler J. Lowe A. Rose
 J. Walton

The Chairman opened the meeting and stated that in accordance with the Council decision, the new Chairman of the Army Parachute Association, Brigadier R. Walker, had been invited to become a co-opted member of the Council of the BPA. A reply had been received from the Chairman of the APA accepting the invitation who hoped to be able to attend future meetings.

Item 31/81**Minutes of the Meeting of 12th July 1981**

It was proposed by P. Corr and seconded by J. H. Hitchen that the minutes of the above meeting be accepted as a true record.

Carried Unanimously

Matters Arising**a 3rd Party Liability Insurance**

A letter of confirmation had been received from the brokers that the cover for 1981/82 would be acceptable on a shortened term at a premium rate of 9/12 of the present premium. The Secretary General had written to accept and confirm the offer.

b Sponsorship

The Chairman had written on behalf of the Association gratefully accepting the offer of Sponsorship from West Mercia Insurance.

c Voting Procedure

The Secretary General reported that the nomination papers would be sent out as an insert in the August edition of the journal, and the nomination write ups and voting papers would be included in the October issue.

d Sud-Ost Parachute Cup

The competition had just ended, to date no results were available.

e Strasbourg Competition

The arrangements for this competition were all well in hand. The team would travel out on the 10th and return on the 15th. The means of transport would be the BPA van plus a private motor vehicle. R. King was arranging a team meeting before departure.

f Video System

D. Waterman brought Council's attention to the salient points in the report prepared by the Video Sub Committee. He stated that the cost of the ideal system would at the moment be outside the budget allowed.

There was considerable discussion on the merits of the Video System, the major problem envisaged was the responsibility for and operation of any system which was purchased. It was finally agreed that the Video Sub Committee remain in existence to consider the long term objectives of the system and would report back to Council from time to time with ideas and recommendations.

g Display Cabinet

The display cabinet had now been installed at a cost of £200, the amount which was budgeted.

h Loans to Clubs

To date no reply had been received from R.S.A. to the request for further information.

Item 32/81**Committee Meetings****1. Safety and Training**

As the Chairman of STC, J. Laing had not been at the

original meeting he asked D. Peacock to present the minutes.

a P. Slattery was now unable to operate at the Hunsden DZ and was now in the process of finding an alternative site.

b The NCSO was to inspect the DZs at Clacton and Lowestoft.

c The Committee had accepted the Council recommendations on exemptions to act as CCI.

d The Chairman, G. C. P. Shea-Simonds requested the NCSO to ascertain how the BPA grant was being used on the Avgas/Mogas trials.

2. PISA Reserve

The Chairman, G. C. P. Shea-Simonds, handed the chair to J. Laing for the duration of this discussion as he felt that, as an interested party, he should not retain the Chair.

J. L. Thomas asked why a part of the minutes of the STC Meeting had been withdrawn? J. Laing, Chairman of STC, said that he had deliberately had the relevant minute removed because a decision reached and agreed by some 18 members of the STC had been overturned by only 8 members at the subsequent meeting.

The minute read: "Disquiet was expressed by R. Peakin a member of the Riggers Sub-Committee at the previous STC decision on 3rd June to lift the ban on the PISA reserve. The decision had been taken against the advice of the Riggers Sub-Committee. He agreed he had not been present at the STC Meeting when it had been discussed but maintained that the Ian Wright report disclosed a serious weakness in the lower lateral band. Discussion on the decision continued, Ian Louttit and J. L. Thomas both stated that on the previous minutes were under the impression that they were voting for the re-instatement of the canopy with diaper. The Chairman reiterated that this was not reflected in the minutes. Further discussion resulted in a proposal from Ian Louttit that the PISA reserve should be banned from use in the UK unless fitted with a diaper until such times as further information could be made available for the STC to reconsider their decision. Seconded by Arthur Collingwood and carried by 6 votes to 2 with one abstention. Clubs were to be circulated to this effect.

The original minute read (STC Minutes 3rd June)

PISA reserve canopy

An independent report on this canopy had been received from Mr. Ian Wright. The salient points of this report which had already been discussed by the Riggers Sub-Committee, were given to the meeting. The report stated, inter alia that "General examination of the standard and quality of manufacture showed that it compared favourably with common UK Ministry of Defence, Aeronautical Quality Assurance Directorate standards" and further that "in the present case, the parachute canopy can be judged to have fulfilled its "raison d'être" in that the user parachutist survived the landing after a series of critical flight conditions".

The report concluded by saying that the designers and manufacturers of the canopy should be given every means and assistance to evaluate the incident. Following this, a review of the temporary restriction now in force should be carried out.

Commenting on the report, C. Shea-Simonds in his capacity of UK distributor, stated that some 5000 of these canopies had been in use over the past eight years and he had no knowledge of previous failures of this nature. The canopy was available for use both with and without diaper.

The Chairman then summed up by saying that a wide variety of reserves of this sort were in current use in the UK that, in his view, the initial restriction was fully justified but should now be reviewed in the light of the technical report received from Mr. Ian Wright. He expressed the thanks of the Committee to Mr. Wright for his prompt and professional response to the problem.

It was decided that the canopy, together with a copy of Mr. Wright's report and J. Walmsley's report should be returned to the manufacturer for further investigation and a request for any other relevant information. It was then proposed by J. Meacock and seconded by T. Rose that the ban now in force should be lifted with the following provisos.

1. Jumpers be made aware of the initial incident.
2. Jumpers be advised that diapers were available if required.

This proposal was carried by 16-2.

J. Laing stated that the matter was closed until further information was available. To his knowledge no further information had been received. He further stated that he would like to have the matter re-examined at the next STC, when other information was available, meanwhile the resolution of 3rd June to remain in force. J. L. Thomas, stated that he was concerned with what was not said in the Ian Wright report. Part of the report stated that "damage to parachute examined and sections tested and observations and physical test results are recorded. Upon the basis of evidence of the subject canopy and in the light of established and accepted design philosophy the questions of restriction of use in the UK Sport Parachuting field of activity of canopies of late design and origin is considered justified." J. L. Thomas said that in other words the report meant that the ban should stay on. He maintained that the report had not been circulated. His interest was the safety of the members. He further stated that many parts were not fully brought out.

There was considerable discussion on this matter all dealing with the possible safety aspects of the reserve. This reserve if packed properly in the correct container was fully operational and had been used during the last four days with complete success.

After further very detailed and deep discussion it was proposed by J. L. Thomas and seconded by R. O'Brien that the matter remain as it is, but that the whole problem be put before the next STC meeting at which time the manufacturer's report will be available. The minute which was omitted with de distributed to all concerned with the Ian Wright report. 7 for. Proposal carried.

Item 33/81**Trollvegen**

Papers on the subject of a jump made by a member of the BPA from Trollvegen had been copied to all Council members. The background to this subject was, said the Chairman, a copy of a letter from the Norwegian Air Sports Association printed in the February issue of the Sport Parachutist — (copy of the letter attached) requesting that the international parachute community abstain from jumping Trollvegen. The Chairman further stated that it was a reporter who appraised him of the fact that a group of British jumpers were about to carry out a jump from Trollvegen despite the fact that the Norwegian local police Chief had, temporarily, put a ban on any activity in the Trollvegen area due to the fact that the rescue teams were exhausted and would be unable to help anyone in difficulties.

Other correspondence had also been received, not least a letter from Eilif Ness President of the Norwegian Air Sports Association, who stated that the jump carried out by a British jumper was the single most damaging jump made and that it could most seriously jeopardise parachuting in Norway. He also said that the people had been asked not to jump.

Mr. J. Carter, who was one of the British jumpers who had decided to jump, and the only one who actually carried out this descent, had been invited to attend this meeting in order that the correspondence and background could be made available to him, the Chairman had also written to Mr. J. Carter on the subject. After reading the correspondence and filling in the background detail the Chairman asked Mr. J. Carter if he had any comments to make on the subject. Mr. Carter explained that he would not have carried out the jump had he for one moment thought that it could put Sport Parachuting in Norway in jeopardy. He said he had not given an assurance to the police that he would not jump. He had not known that a ban had been put on the activity, he had been told by a hang glider pilot and by the person with whom he was staying that there had merely been a request not to jump. He could not understand why, if Norwegian parachutists jumped why foreign parachutists should not also jump Trollvegen.

The Chairman asked if Mr. Carter was aware of the item published in the magazine.

He said, he was aware but that there was a statement in the journal to the effect that the views expressed were not necessarily those of the editor or the BPA.

Mr. Carter further stated that he nor the rest of the party had been spoken to about the jump by Mr. Ness.

Other members of the party said that these were alleged facts in a letter, and did not square with what had happened. At this point the Chairman requested that all observers leave the room while the Council discussed the whole matter.

Committee Meetings (continued)

There was very considerable responsible discussion on the matter in hand. The facts available from eye witness reports and the other correspondence received were discussed as too were the comments made by Mr. Carter and other members of the party. After much reflection and deliberation the Council of the BPA reached the following unanimous conclusions. Support for the conclusion and decision was expressed by D. Hennessy of RAFSPA.

The Council unanimously agreed that the action of Mr. J. Carter had caused this Association harm in another country and it had also caused harm to Sport Parachuting in Norway and the reason that Mr. Carter was singled out was in direct response to a request from the Norwegian Air Sports Association to look at his particular jump. This Council could not condone this action, nor accept that it was a responsible action and were sad that it had been carried out. The decision of the Council was to the effect that Mr. J. Carter's membership of the Association was to be suspended with immediate effect until midnight on the 28th February 1982. It also meant that the instructor rating of Mr. J. Carter was also suspended. At the end of the period of suspension the membership and instructor rating would automatically be reinstated.

The Council decided to request most strongly that no British Jumper attempt to jump Trollvegen until such time as it had been cleared officially by the Norwegian Air Sports Association.

Mr. Carter was asked to rejoin the meeting.

The Chairman, G. C. P. Shea-Simonds appraised Mr. Carter of the decision unanimously reached by Council of the BPA.

The Chairman further stated that the decision had not been arrived at lightly nor emotively but in the best interest of this Association and its World Wide reputation.

Mr. J. Carter said that he accepted the decision, but reiterated that if he had realised that his action could have damaged Norwegian parachuting he would not have carried out the jump.

2. Finance Committee**a Computerisation**

This will be further explored and a report made to Council at a later stage.

b Magazine Costs

The printers had decided that their original quotation was not correct in view of additional work on the June issue which had not been anticipated, and have submitted a new one. The editor has written for more details and this will be a matter for discussion at the next Finance Meeting.

c Subscriptions

These had been considered with the revised budget for 1981/82 which showed a probable deficit of £5600. The Treasurer stated that, if in the past a policy of increasing membership subscription in line with inflation had been adopted the present membership fee should be £12.78. The cost next year should have to be increased by at least 11%. He also stated that if this policy had been adopted then the annual increases would have been regular and comparatively small. The Treasurer requested that the annual membership subscription should be increased each year at least in line with inflation. It was agreed that the whole subscription subject be investigated and discussed by the Finance Committee.

d Spread eagles Parachute Club

The Committee recommended that a grant of £485.30 be made to the above club in respect of the planning problems. This grant is made in view of the value of the action to the Association and to clubs. P. Corr expressed the thanks of the Spread eagles Parachute Club.

e Revised Budget 1981/82

The Secretary General had prepared a budget for 1981/82 and at the end of September would recheck the situation to ascertain whether the amounts involved over the 6 month period were within the parameters he had allowed.

f P2 Memberships

The Finance Committee wished to help clubs in respect of P2 costs and thought that a round table discussion with clubs would be of great help. This meeting could perhaps be held following an STC Meeting when CCI's and Proprietors would be together.

It was agreed that this should happen and the NCSO would circulate, with the STC Agenda, this fact. The meeting to be held at the Post House on 10th September immediately following the STC Meeting of that date.

g National Championships

The Secretary General had prepared a provisional income/expenditure account following the National Championships. Disquiet was evinced concerning the deployment and use of the aircraft at the Championships. It was pointed out that the Council had in the past stated that if there was to be a loss made in any region then the National Championships was one area where this loss should be paid for, for the benefit of the membership. It was further pointed out that the running of a National Championships was in no way related to the normal running cost/jump fee cost of ordinary club activities. If economical jump fees were charged then the costs to competitors would be almost double that which was charged. The budget prepared by the Secretary General would be kept so that both the Finance and Competition Committee could see where it might be possible to trim the costs in future.

h World Championships — Revised Budget

The Chairman of Finance Committee apologised for a misquote from the Competition and Council minutes, the item should have read "if the need arose" rather than "if the team required it". The Finance Committee felt that the cost of sending a team leader would not be unjustified. Due to circumstances beyond the control of the Council the part of the World team already in the USA have moved from Raeford to Perris Valley. The reasons given were that the Australian and Canadian teams had decided to go to Perris Valley, there was no DC3 available at Raeford.

N.B. 25/5/81 — A DC3 was available at Raeford but required a minimum of 20 people per load, whereas the DC3 at Perris Valley only needed a load of 14. On contacting Zephyrhills, it has been discovered that a DC3 has been available there at all times. It was therefore the necessity of training with the Canadians and Australians which merited the move.

This move has cost a lot more money in air fares and has seriously cut into the budget allowed for training jumps. Due to the necessity of training the team captain had requested more money for the preparation training. There was considerable discussion on the subject and the Council decided to authorise the sum of \$1,000 to be sent to the part World Team already in the USA. The Secretary General would find out where the money would need to be sent. He also had managed to cancel the air tickets for the remainder of the team at no cost to the Association and rebook these for members from UK — Los Angeles — Tampa — UK, but the cost of this flight was now £521 per person as opposed to £405 on the original itinerary.

There was further discussion on the situation regarding the team leader. It was finally decided by Council that L. Melville be asked if he would take on the job of team leader, as he has already decided to travel to the World Championships. J. L. Thomas has also made arrangements to travel to the World Championships and offered to help out in part if he was able to.

It was proposed by P. Ritchie and seconded by J. Laing that \$1,000 be sent to the team in the USA, and the Secretary General be authorised to send this money to D. Kenny and to rearrange the flights and payment for the air fares for the remainder of the team.

Carried

The Secretary General and Chairman had received a telephone call from Mr. P. Reynolds of the Falcons to say that he had had discussions with the British Team and had managed to obtain sponsorship from National Panasonic to go to the USA to carry out a camera critique for the team training. It was explained that Mr. Reynolds was under the impression that everyone was aware of the situation but somehow the team had omitted to pass this information on. In fact \$1,000 had been set aside in the budget for a camera critique. Mr. Reynolds offer was accepted and he said he had enough funds to pay his air fares etc. but would need help for the cost of jumps. He agreed to put together a film of the training for use at the AGM. And Council had no objection to National Panasonic using the team film for advertising purposes providing that there was some return to the Association.

3. Club Committee

In the absence of the Chairman, J. R. H. Sharples, R. O'Brien presented the minutes of the Club Committee.

a IRPC Insurance

It had been proposed that a Legal Assistance Scheme be offered to the members of the Association, where a 24 hour advice could be obtained on legal matters. This would be fully investigated and cleared via J. T. Crocker before being put to the membership in the form of an insert in the magazine.

b Assistant to National Coach

A paper would be prepared and presented to Council at a later stage.

c Club Involvement in the Youth Opportunities Scheme

The Chairman, G. C. P. Shea-Simonds had given the Secretary General some information on this and it would be discussed by the Club Committee.

Item 34/81**Safety Notice Poster Costings**

The artwork has cost £61 which is to be paid. The production of the poster to be held over to find the lowest cost of production.

Items 6, 8 and 9 were to be held over to the next meeting when advice from J. T. Crocker would be available.

Item 35/81**Parachute Club — S. Chalk**

Mr. Chalk had asked for information in order to prepare a thesis on the formation of a Parachute Club. The Secretary General had given as much information as his time allowed. Mr. Chalk had agreed to give a copy of the thesis to the Association for future use.

Item 36/81**Suggestions for Additional Income**

The Secretary General had produced a paper in which it was hoped that additional income, from advertising, could be obtained. He was authorised to pursue this matter.

Item 37/81**Telephone Answering Machine**

In response to a suggestion by the Secretary General it was agreed that he go ahead with costings etc. to have a system installed.

Item 38/81**AGM/Dinner Dance**

The Secretary General had prepared a complete paper on the functions plus a budget on costs. He had asked that all voting papers be handed to him/staff by 15.00 on the day of the AGM. Council agreed to the recommendations made by the Secretary General.

Item 39/81**Annual Staff Salaries**

The Council had made the following awards to the staff of the BPA.

NCSO	£9555 per annum
Secretary General	£8585 per annum
Miss S. Bates	£3909 per annum
Miss S. Sambhi	£3272 per annum
Miss T. Kemp	£2578 per annum
Mrs J. Mantykiewicz	£748.80 (£1.80 per hour)

On behalf of the ladies on the staff plus himself the Secretary General thanked the Association for the salary review.

Date of the Next Meeting 29th October 1981 at the Post House. Immediately following the EGM which scheduled to start at 6.30 p.m.

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**BRITISH PARACHUTE ASSOCIATION
SAFETY AND TRAINING COMMITTEE
1900 HOURS THURSDAY 10 SEPTEMBER 1981
THE POST HOUSE, LEICESTER**

Present:

J. Laing	Chairman	T. Bulter	MPC
D. Peacock	NCSO	D. Turner	
G. C. P. Shea-Simonds	Montford Bridge		
	Chairman BPA	D. Palmer	LIFFT
W. J. Meacock	PPC	P. Slattery	ECPC
A. Rose	RAPT	G. Evans	TPA
A. G. Knight	Ipswich	J. L. Thomas	Riggers
A. Chandler	RCT	D. T. Hickling	BPS
K. Townsend	RSA	P. Cavanagh	BKPC
P. D. N. Parker	Headcorn	R. Harrison	WLPC
K. Toyer	TAS	J. D. Prince	NWPC
Q. J. Rigby	Badminton	J. Hitchen	SOFFP
I. A. Louttit	DISC	D. P. McCarthy	HPC

Apologies for Absence:

E. T. Lewington	R. Parry
R. Willis	A. Cowley
P. Corr	A. Naude
K. Yeoman	C. Goss

Observers:

D. Jones	J. Whittaker
G. Best	A. Hickling
J. Craig	D. J. Waddington
E. Hitchen	T. E. Johnsen
R. Burgess	
S. Cooper	
J. Peck	
V. Slattery	

Item 1**Instructor Course 3 — 81 Report**

The NCSO summarised the salient points of the report which had been circulated to all Examiners and Council Members. The recommendations in the report are covered in Item 2 of these minutes.

Item 2**Proposed amendments to BSRs****1. Appendix B.1.a**

PI requirement to read:

D Certificate holder 2 Years involved in Sport Parachuting CCI's recommendation

2. Appendix B.1.d

Delete first four lines and substitute

"The PI will then be required to attend an examination course of up to 5 days duration. During this time he will be assessed by at least two examiners on lecture and ground training periods. Depatching of static line students will be assessed if conditions permit".

Remainder of paragraph set.

The NCSO explained that the proposed first amendment had been the unanimous recommendation of the Examiners on the recent Exam Course. It had arisen because a practical parachuting test of candidates had revealed a lack of basic ability in some examinees. It was felt that the 'D' Certificated requirement would ensure a better degree of practical performance and thus raise standards.

The proposed second amendment was merely to bring the regulations in line with current practice. There was a minimum of discussion and it was proposed by J. Hitchen and seconded by W. J. Meacock that both amendments be approved as written. Carried by 18 votes to nil.

Item 3**Lowering of S/L Height to 1500'**

The case was put by W. J. Meacock, who explained that the proposal was put forward with the provisos that

1. It should only be implemented if necessitated by low cloud base
2. Using the bag system
3. Reserves with Kickersprings and AODs

In addition to the obvious advantages of being able to operate on more occasions, there was the added safety factor in that canopy drift would be lessened and greater accuracy achieved.

The proposal received a mixed reception and engendered considerable discussion. One main objection concerned height loss by the aircraft during dropping and the consequent risk of AOD firing prior to or during exit. Because of the discussion, the Chairman requested that CCIs provide written input on the subject to the office for circulation. The matter would then be discussed at the next meeting.

Item 4**DZ Recces****1. Clacton Airfield**

This had been inspected by the NCSO and J. Hitchen. It had been designated restricted, for Cat 10 jumpers only. A second DZ, further inland, had been cleared for student use but to date no intimation had been received if this DZ was to be utilised.

2. Perranporth Sands

This had been inspected by the NCSO and classified as restricted, suitable for D Certificate holders only.

3. Lowestoft

This had been inspected by the NCSO who stated that, while the dimensions were OK, the DZ surface was broken and, in his opinion, unsuitable for student dropping.

In view of this report it was agreed to invite E. T. Lewington, who had conducted a student programme there in May, thereby occasioning adverse Press publicity, to attend the next meeting for his comments.

Item 5**Exemptions****BSRs 2.2. D. Parker to act as CCI Headcorn.**

D. Parker had been an Approved Instructor for over two years and had been working as a full time instructor since February 1980. The application was fully endorsed by the previous CCI A. Collingwood. D. Parker declared his intention to gain his Advanced rating within the next few months. It was proposed by W. J. Meacock and seconded by D. Prince that such exemption be granted. Carried by 18 votes to 1 with one abstention. D. P. McCarthy voted against.

Item 6**Incidents****1. Colerne, student hangup.**

A. Chandler, CCI RCT expanded on the report. The incident had been thoroughly investigated by the Safety and Training Committee of the APA. Findings were that there was no fault in the equipment, nor was the dropping speed too high and that no blame could be attached either to pilot or jumpmaster.

Conclusion was that the bag could have flipped over during line deployment and lines locked over the corner of the bag.

2. Dunkeswell — Student injury

A first time jumper had landed on a backward oscillation onto the runway and suffered a fractured skull. Weather conditions were well within limits and the accident was attributed to a bad landing position by the Student. More serious injury had been averted by the hard helmet worn. The jumper had now been discharged from hospital. No further action.

Item 7**Mogas trials progress report**

The NCSO stated that, of the £2000 allocated by BPA to these trials, some £500 had been utilised to date. A meeting of the ARB Light Aviation Committee was to be held in October when it was hoped that the CAA position would be clarified. With regard to the FAA report (extract from Flight Magazine) circulated to members, G. C. P. Shea-Simonds informed members that Mr. D. Stratton considered it to be totally outdated and largely irrelevant to the UK situation. Mr. D. Stratton was to be invited to address the 1982 Instructor Convention on the subject, Chairman BPA agreed to write.

Item 8**Previous minutes and matters arising****Item 2 St. Athan DZ**

K. Townsend stated that, owing to the mandatory flight pattern imposed on this airfield, the cliffs and water constituted a hazard to parachutists in an emergency bail-out situation. In view of this information, the site was to be re-inspected. The NCSO was to arrange for this to be done.

Item 7 PISA reserve

The Chairman re-stated his position and reasons for withholding the original minute 7.2 of the previous meeting. This minute had now been circulated to all CCIs; copies of the Ian Wright report and copies of the manufacturer's report were on the table for all members to study. The UK distributor, G. C. P. Shea-Simonds had

brought along a PISA reserve for inspection if required. The Chairman then adjourned the meeting for 10 minutes to allow the reports to be studied.

After re-opening the meeting, G. C. P. Shea-Simonds was invited to speak on the two reports. He commented that PISA stated the Ian Wright report to be both fair and accurate. He further drew members' attention to the manufacturer's conclusion that the incident in question should be regarded as an isolated instance of canopy damage due to abnormal opening sequence. He stated that he personally had operated the reserve in an emergency situation with no problems.

The NCSO then voiced the opinion that a high speed blown periphery malfunction had occurred, seriously damaging the canopy which had nevertheless brought the jumper down safely. He considered insufficient weight had been given to possible contributory factors to this malfunction, in particular the short bridle cord on the extractor. He endorsed the conclusions reached in the manufacturer's report.

J. L. Thomas reiterated his opinion that such lightweight block-constructed reserve canopies should be fitted with diapers to control the opening sequence. G. C. P. Shea-Simonds replied that he, along with many other jumpers, was not in favour of any device that retarded a reserve opening, even fractionally. The choice, in his opinion, should be left to the individual jumper. He, as UK distributor, was perfectly willing to fit diapers to the reserve on request. J. L. Thomas stated that he also was willing to fit diapers to PISA reserves if required.

The Chairman then called for a vote for retention of the original decision reached at the meeting of 3 June i.e. The reserve was cleared for use either with or without diaper.

This was proposed by P. Slattery and seconded by D. P. McCarthy.

Carried by 14-6 with two abstentions. Clubs were to be circulated to this effect.

Item 8.2 Stereo headphones

No input from CCIs had been received and no action was therefore contemplated at the moment.

Item 8.5 Reserve risers glued

Enquiries to the manufacturer had elicited the reply that this had been deliberately left unstitched to facilitate a choice of connector links.

It was proposed by D. Palmer and seconded by A. Rose that the minutes be passed as a true record.

Carried Unanimously.

Item 9**Any other business****1. Crosland Moor Airfield DZ**

This had been reced by the NCSO and cleared for C and D certificate holders only.

D. Howerski produced maps and diagrams of a second area which he wished to use for students. It was agreed that this second DZ be cleared, subject to a satisfactory report by the NCSO.

2. Ridgewell, Nayland and Birch disused airfields

Clearance was requested for the above by P. Slattery. He produced airphotographs of each, together with the recommendation of A. G. Knight, BPA examiner, who had carried out a recce of each site.

His recommendations were as follows:

Ridgewell — Unrestricted, all categories.

Nayland — Restricted — Category 8 and above

Birch — Unrestricted but with height limitation of 5,500ft

A. G. Knight confirmed these re-commmendations, which were accepted.

3. Peter Kershaw — (Cat 8) grounding by CCI

P. Walters stated that this jumper had been grounded by him for one month for dangerous practice — i.e. 2 low pulling incidents. His logbook had been endorsed to this effect. The STC supported P. Walters' action and CCIs were advised to pay particular attention to this jumper.

4. Premature FXC firing

J. D. Prince gave details of an incident at Cark involving the premature firing of an AOD on the student reserve immediately prior to exit. The jumper got away safely under two canopies. Subsequent examination of the AOD revealed the unseating of a circlip which had released the firing spring. The Chairman stated that this had on occasion happened on the ground when the device was being re-armed. J. L. Thomas agreed to contact the manufacturer for further advice.

5. D. Frost, age 15 exemption from BSRs 14.8

This student is the son of RAFSPA Instructor S. McBrine. He will be 16 in December. The training and jump will take place at RAFSPA, the recommendation was backed by R. Willis, CCI RAFSPA.

Proposed by A. G. Knight and seconded by J. Hitchen that such exemption be granted.

Carried by 15-4.

6. J. Nickolls — D Certificate holder — exemption from BSRs 21.6.b(4) i.e. to despatch C Certificate holders on Displays. His Instructor rating lapsed in March 1978. It was proposed by D. Turner and seconded by A. Chandler that such exemption be granted. For 3. Against 15.

Not Carried

A further request from J. Nickolls, who was not present at the meeting, that he should be granted PI status was not approved. The meeting decided he should attend a PI Course to gain PI status.

7. R. Gallon — extension of PI rating

R. Gallon qualified as a PI in February 1980.

A previous extension had been granted until August 1981. It was his stated intention to work as a PI at the APA Centre and gain his CCI's recommendation.

Proposed by A. Rose and seconded by P. Slattery that a further 6 month extension be granted.

Carried by 17-1.

8. Incident at Sunderland

A report of alleged low jumping at Sunderland had been submitted by D. Palmer. A copy had been sent to the CCI, J. Barnes. It was decided that copies of this report be circulated to CCIs and that J. Barnes be invited to attend the next meeting to comment.

There being no further business, the Meeting closed at 21.10 hours.

Date of Next Meeting:

1900 hours
Thursday 5 November 1981
The Post House.

NOTE CHANGE OF DATE

Doug Peacock
National Coach & Safety Officer

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**BRITISH PARACHUTING ASSOCIATION
SAFETY AND TRAINING COMMITTEE
1900 HOURS TUESDAY 28 JULY 1981
THE POST HOUSE LEICESTER**

Present:

W. J. Meacock	Chairman
D. Peacock	NCSO
T. Rose	RAPT
A. Collingwood	Headcom
D. P. McCarthy	Hereford
J. L. Thomas	Riggers
I. Louttit	DISC
D. Palmer	LIFFT
D. Turner	Montford Bridge
T. Butler	MPC
D. T. Hickling	BPS
T. Knight	Ipswich

Observers:

M. Wilshaw
Jan Walton
J. Newberry
A. Naude
S. Reaker
D. Wilkinson
M. Callen
J. Pestell
Sahra Hickling
M. Van Biers

Apologies for Absence:

J. Laing
Q. Rigby
P. Walters
D. Prince
G. Evans
P. Slattery
R. Harrison
K. Yeoman

In the absence of J. Laing, the Chair was taken by W. J. Meacock. He gave a special welcome to M. Van Biers, CCI of the Belgian Parachute Club Moorsele.

Item 1**Riggers — Advanced Qualification**

The content and format of the proposed new Annex B to BSRs Sec 27 had been approved by the Riggers Sub-Committee. The annex had previously been circulated to CCIs. It was proposed by T. Rose and seconded by A. Collingwood that the new annex be incorporated into BSRs with immediate effect.

Carried Unanimously.

Item 2**Shrewsbury Inquest — report**

The NCSO reported on the Coroner's Inquest into the fatal accident to G. Holgate at Tilstock. The jury returned a verdict of accidental death with a rider that Basic Safety Regulations (Sec 8.3.e, pre-jump inspection of parachutists) should be strictly adhered to. The NCSO had, in the course of his evidence, advised the Inquest that the apparent omission of an independent pin check in this case had had no direct bearing on the accident.

The Safety and Training Committee took due note of the rider and reiterated to all jumpers that pre-jump inspections were mandatory and must be complied with.

Item 3**DZ Clearances****1. Hunsdon**

This DZ had been inspected on 25 June by BPA Examiner T. Knight. The report stated that the DZ came within the limits specified in BSRs Sec 13.5 for unrestricted use. The NCSO stated that the DZ was very close to the Stansted SRA but that, after some initial problems, the SATCO at Stansted had agreed a working programme with P. Slattery, the CCI. It was proposed by T. Knight and seconded by A. Collingwood that the DZ clearance be ratified.

Carried Unanimously.

2. St Athan

This DZ had been inspected by E. Lewington and L. Melhuish. A diagram of the airfield was to hand. It was agreed that this DZ clearance be accepted.

3. Clacton

Correspondence on this matter between P. Hewitt and the NCSO was read to the meeting. The letter outlining conditions for the original clearance (21 January 1980) was also read out. W. J. Meacock then stated that, in response to a request from P. Hewitt he had travelled to Clacton to carry out a recce on a student DZ further inland. P. Hewitt was not present at this recce which was then carried out in company of the Airfield licensee, Mr. E. Shipley. No OS map was available and Mr. Meacock expressed reservations regarding distances to the sea and the presence of a HT cable in close proximity to the DZ. It was decided that, in the absence of further information and OS maps from P. Hewitt the matter could be taken no further.

Item 4**Incidents****1. Lowestoft**

A report of an incident, submitted by E. Lewington, was read to the meeting. T. Knight then referred to newspaper reports concerning alleged incidents on the same dropping programme. The Chairman reminded the meeting that newspaper reports on parachuting incidents could not be totally relied on. The question then arose of the original clearance of the site as a student DZ. E. Lewington had notified the CAA of the proposed programme, to take place on an opportunity basis.

As there appeared to be some misunderstanding over the authority for clearance, it was proposed by D. Palmer and seconded by T. Knight that the NCSO should recce the DZ and report back.

2. Marines Display Team

A jumper had been injured during a demonstration descent into the 3 Counties Showground at Malvern, the canopy dived parallel to the ground from about 20 feet. The cause was stated to be turbulence arising from 15 kt winds and thermals from the tentage.

All jumpers were reminded of the inherent dangers involved in flying ram air canopies into closed arenas in turbulent conditions.

3. Glenrothes

A tailstrike occurred on 20 June. The aircraft was a C207 and the jumper was exiting at 9000ft from the floater position as cameraman for the other 5 parachutists. The pilot experience was 2,660 hours para dropping. Cause of the tailstrike was stated to be a stall caused by an unexpected trim change as the jumpers moved aft earlier than anticipated. The aircraft suffered minor damage to the leading edge of the tail, the jumper, wearing an Everoak Racemaster helmet, escaped uninjured and made a normal 45 sec delay.

The recommendations of the pilot were as follows:

"Due to the internal length of the Cessna 207 available to jumpers the standby call must be given at least 30 sec prior to the exit to give the pilot time to set the A/C for a six-man exit in level flight, speed 90-100mph, half flaps, power set as required, A/C trimmed, the exit will be made with no cut. The jumpers must leave the A/C within 5-6 sec".

Four man exits as above but speed will be brought back to 80-85 mph.

Item 5**Exemptions**

1. A. Page, J. Gleave to attend an exam course after 3 months full time PI at Ipswich Parachute Centre.

This was agreed by 8 votes to 1, D. P. McCarthy voting against.

2. Fiona Wright, age 15 to make a parachute descent 11 days before her 16th birthday.

Training was to be under the auspices of the Red Devils and exemption was sought in order that she could jump with a group participating in a sponsored event. The request was supported by the Red Devils CCI, K. Yeoman, and by the girl's parents.

This was agreed by 8 votes to 1, D. P. McCarthy voting against.

Item 6**Safety Posters**

Two safety posters were considered by the members. Both were recommended for distribution and the NCSO was to obtain costings for information of Council.

Item 7**Previous minutes and matters arising****Mogas trials**

Further to the presentation at the last meeting by Mr. D. Stratton, W. J. Meacock undertook to provide articles on the subject from Flight Magazine for distribution from the Office.

Item 2 PISA Reserve

This matter was discussed and will be considered further at the Council Meeting of 24 August. Authority J. Laing Chairman STC.

Item 4 Approved Instructors acting as CCIs

At their meeting of 9 June, Council had resolved to amend the "Approved Instructor as CCI" resolution in accordance with the wishes of the STC. Council minutes 26/81 refer. The "no exemption" clause is now deleted.

It was proposed by T. Rose and seconded by J. L. Thomas that the minutes of 3 June be passed as a true record.

Carried Unanimously.

Item 8**Any other business****1. Trollveggen**

Reports had been received of a group of British jumpers travelling to Norway and of one British jumper jumping from the cliff, despite the efforts of Mr. Eilif Ness, Norwegian Aero Club, to dissuade him. Council policy, supporting the efforts of the Norwegian Aero Club to ban cliff jumping was reiterated. Continued cliff jumping could result in a total ban on all sport parachuting activities in Norway.

The incident was further to be discussed by Council.

2. Wearing of Stereo headphones by jumpers

This matter was causing concern, one objection being the Paralert audible warning could not be heard. Further input was requested and the subject was to be discussed at the next meeting.

3. J. Horne (Approved Instructor) to act as CCI REME

This exemption was approved, subject to a check on the scope of the appointment being made by the NCSO. The voting was 8-1 in favour D. P. McCarthy voting against.

With regard to his voting record on this, and other exemptions D. P. McCarthy stated that, in his view, the safety regulations should be upheld in total and no exemptions should be granted.

4. Perranporth Sands

A request for DZ Clearance was made by I. Louttit (DISC). The proposed dropping programme was for the week 14-20 September. The NCSO was to check the DZ and relevant safety precautions.

5. P.A. Tandem Assembly

J. L. Thomas showed members a new assembly Model S7B Serial No. 825 manufactured in December 1980. This had been ordered for a customer in Belgium and had been supplied with the reserve riser wrap over glued down and not stitched.

The assembly had been supplied by Chuck Embry and was TSOd. All jumpers were warned to check gear from this source and to report any deficiencies to STC.

There being no further business, the meeting closed at 21.05 hours.

Date of next Meeting:

1900 hours, Thursday 10th September 1981
Wyggesson Room, The Post House, Leicester.

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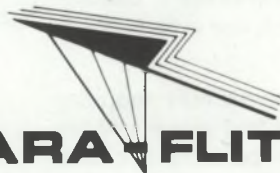
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