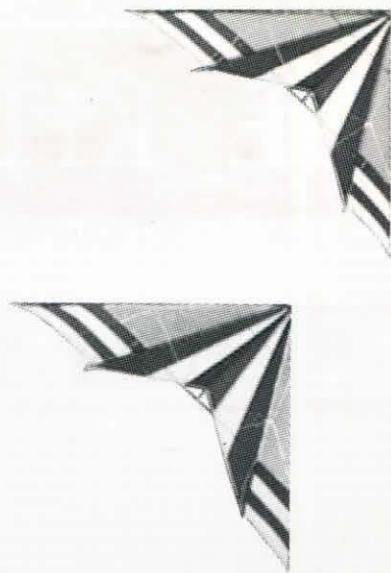
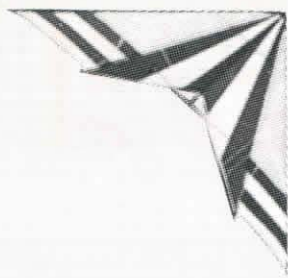
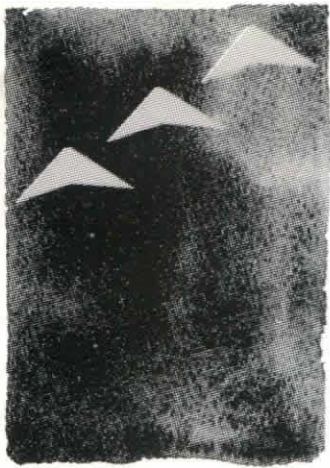


THE KITEFLIER

ISSUE 44 - JULY 1990 - PRICE £1.00



NEWSLETTER
OF
THE KITE SOCIETY OF GREAT BRITAIN



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The photo on the cover is of Martin Lesters Jumbo Jet Kite. The prototype of this kite will be one of the auction items.

EDITORIAL

Dear Readers,

Things are hotting up for the convention in September. After several phonecalls we have persuaded Peter Lynn, the internationally known kite flier, to delay his arrival at Dieppe and come to Bristol. He will be giving a lecture on Contemporary Kitemaking, as well as flying his magnificent kites over Ashton Court. Whilst on the subject of the convention can we remind everyone that if you want to attend the meal on the Saturday evening you must book in advance. The price is now £14.00 per person (£7.00 for children 12 and under). Fill in the form on page 27 and return it to us by 31st August.

The Kite Society National Single Line competitions will take place during the Bristol International Kite Festival. The categories are Flat, Cellular, Soft and Peoples Choice. With the exception of Peoples Choice a jury will be wandering round during an announced period and looking over the kites in each category. Marks will be awarded for workmanship, artistry and flight. These will take place during the Saturday.

The other thing about the convention meal. Anyone who is not attending the meal can come along to the auction which will be starting about 9.00pm.

We would like to point out to all of our members that a number of shops are offering discount on purchases made. Please have the courtesy to show them your membership card when buying.

Once again we look forward to seeing as many members as possible at Bristol on the 7th September.

Gill Bloom

Jon Bloom

LETTERS

(From N Repper regarding lack of response from kite manufacturers).

It is with some reluctance that I am going to have a moan about some of the newer kite makers failure to reply to customers of the future. Over the past year I have on several occasions sent off (always enclosing an S.A.E.) asking for details of new products etc. to some of the new names that have advertised their wares through the newsletter. Of the five letters (and sae) only two have replied, one of these took six weeks to send a reply about thirty miles, of the others no reply at all although some enquiries are nearly a year old. I wonder what happens to those first class stamps.

So come on kite makers if you want the business let people know what you can supply.

(On a different note).

An item in the local press by the Electrical Generating board regarding the death of an angler (and it issuing a warning to angling clubs across the south) whose kevlar based line attached to a 30ft carbon-fibre roach pole touched a low level power line causing the untimely death of the angler due to electric shock stopping his heart, prompted me to inquire into the reverse situation regarding modern high-tech stunters. A kite with carbon fibre frame attached to kevlar line would have a like effect in similar circumstances. I am assured that this would be the case, and also to bear in mind that the more expensive carbon fibre contains a higher amount of carbon than the cheaper and would therefore result in it becoming a more efficient conductor of electricity, it was also stressed that the presence of moisture is not required to turn a kite made from these materials into a conductor as is the case with the "older" methods of construction.

The point was also raised that to fly such a kite in possible thunder storm conditions could also pose a threat to the kite flier. So I repeat the old warning once again "do not fly near any sort of overhead power lines". If your kite lands on the lines leave it and contact the nearest generating board depot who will clear the line and hopefully hand you back your kite, and finally if it looks like a thunder storm is brewing, go home.

(From Guy Leaser regarding The Kiteflier).

Some comments regarding The Kiteflier (constructive I hope):-

Patents: If you are in central London you can get these cheaply (in person) from the British Library, Science Reference and Information Service, 25 Southampton Buildings, High Holborn. They have an international patent index on microfiche (look under classification Int. B64C 31/06 for kites) and the staff are helpful. You can buy a photocopier card £3.60 = 25 copies.

The German patent by Edmund Heid mentioned in Jim Rowlands article is also available as a U.S. patent number 4874146 in English. I now have a copy after spending a morning translating the German one! The U.S.A. version also has

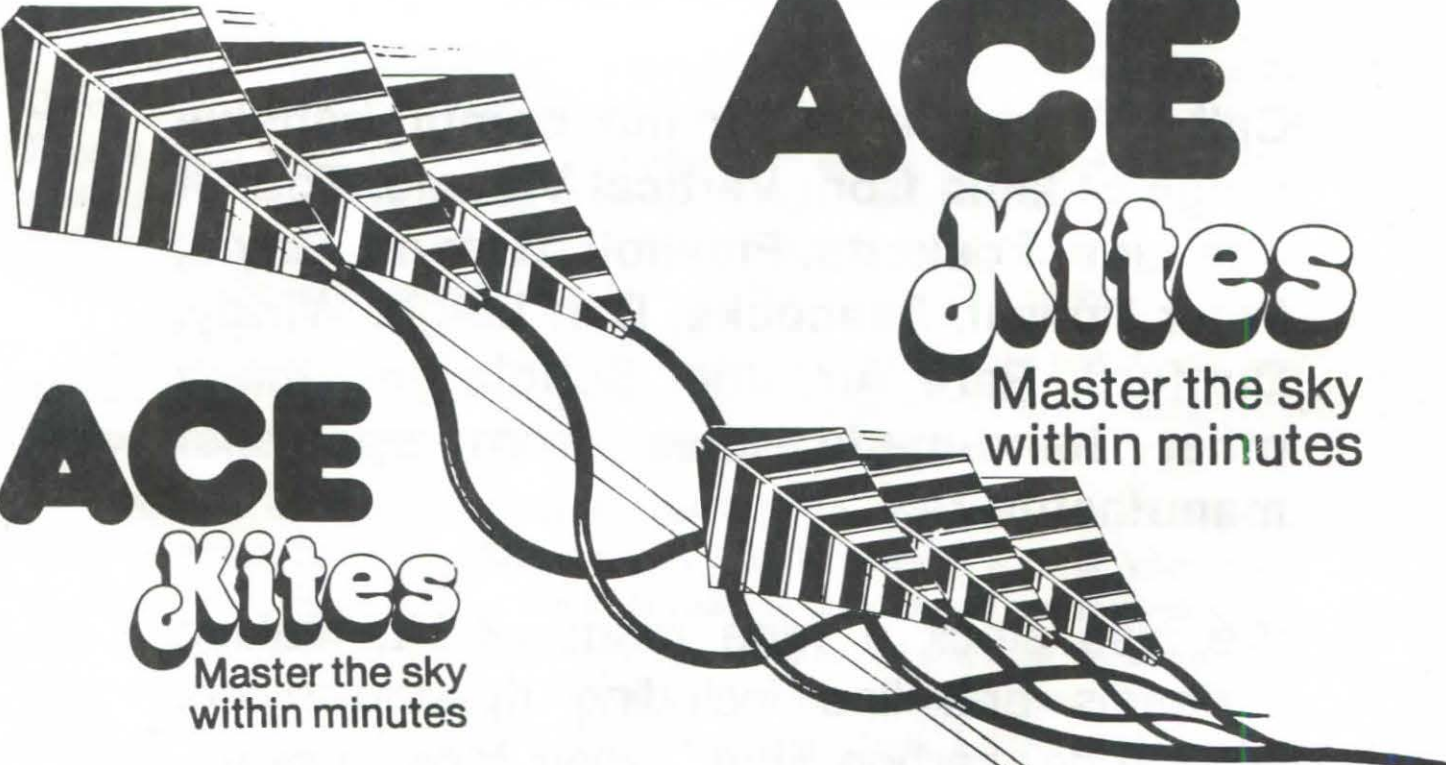
LETTERS

slightly clearer diagrams.

General: I've recently added whiskers (standoffs) to a vector (Wolfgang Schimmelpfennig, Hamlyn Book of Kites). They certainly made a very worthwhile improvement suggesting experiments with other stunters would be worthwhile. I used 3mm fibreglass for mine.

How about a kite test (or 2) per issue. The Kite Store seem to have their finger in every other U.K. kiting pie, could they not be enlisted here as well? I'm sure they must have experience of flying them all and thus are well placed to make comparisons. I would be particularly interested to see how some home made stunters compare with established manufacturers products.

Finally could someone who knows what they are talking about write an article about kite line for stunters. I'm very reluctant to spend £18.00 on Spectra only to have some child with a hit and run delta carve their way through it. Dacron seems to be good value in sea angling shops (130lb £7.50 including p&p for 150 yards) but I've nothing to compare it with.



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within minutes

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CONTENTS

STANDARD PACK — Frame, sail, bridle, streamer, two lines, handles.

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Sold and distributed in England by R. A. Wright Kite Company
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With a little practice you will be able to perform power dives, loops spins and spirals or contour flying. The unique design and superb balance of your kite also allows it to be the first production kite in the world which can be flown as a CLASSICAL FIGHTING KITE—ASK YOUR FRIENDS IF THEIR KITE CAN BE FLOWN AS A TWO LINE STUNTER AND A SINGLE LINE FIGHTING KITE.

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We also stock a wide range of kite-making materials and line including rip-stop nylon, GRP rods, carbon fibre, repair tape, spectra, laser, nylon and kevlar line, handles, straps and spools.

MEMORIES OF A KITE FLIER

The following is written by Gil Collins who, on being asked to expand some of the fascinating little anecdotes in this letter, said that no one would be interested in such musings, so we are working on him to tell us more. So write in and tell us you enjoyed it and we will pass it on to Gil.

I well remember my introduction to real kite flying which took place shortly after the end of the 1914-1918 World war, when I was a young schoolboy. We lived in Waddon, Croydon and during the summer evenings when the wind was in the South West, many of the large kites which were being flown from a nearby recreation area were clearly visible from our garden, and one evening I decided to take a closer look. On arrival at the flying area I was fascinated by the sight which confronted me. There they were, mature men of all ages concentrating on flying their kites of all shapes and sizes. The whole flying area was littered with holdalls, cases, reels and lines etc. The majority of the kites then being flown were of the large box configuration either with or without wings.

I mingled with the many fliers and observed everything with the wondrous eyes of childhood and was particularly fascinated by one very large winged box kite of white linen with a beautiful painting of an eagle in full flight on the front panel of the forward box. This kite I ascertained had been designed, constructed and was being flown by a Mr A W Brown who lived nearby and was himself an Artist and decorated all his kites with this emblem. He was friendly and answered my many (no doubt foolish) questions with great patience. I little realised at this time, that within a matter of some 15 years he would become my father-in-Law, and that some of these competition winning kites would come into my possession.

Prior to the 1914-1918 War Mr Brown was an acquaintance of W.F. Cody with and against whom he flew in competitions, together with Charles Brogden, another well known Croydon flier who won many altitude competitions with his huge six winged Burmah type kite which I saw and admired very much.

Very soon after my meeting with Mr Brown referred to above, kiteflying from that area was banned by the Civil Aviation Authority because of its close proximity to the Croydon Aerodrome.

Privately owned motor cars were not very thick on the ground in those days, and to carry the necessary kiting gear including 6 to 8 feet canes on public transport was not possible, in consequence of which flying in the Croydon area ceased.

I flew from time to time, however, well away from Croydon from that time on, and during the 1939-1945 War years, but was unaware of any organised flying thereafter until the Croydon Airport was closed, and my own son (who was by that time well into Radio controlled model planes) told me that a large kiting Festival had been arranged for the then following Sunday at Telscombe Cliffs, Rottingdean near Brighton.

We both attended, and in the middle of the flying area was a gentleman flying a large kite on the line of which was a banner bearing the one word Croydon. I made enquiries and was informed that an entirely new group had just been formed and flew on Sunday afternoons from the old Croydon Airfield. I joined them the following Sunday and flew there every Sunday (weather permitting) from then on.

After a year or two however the founder members moved on to real size gliders, and my friend Mike Fay took over the running of the group. We were joined by Ron Moody, who taught several members (including myself) the gentle art of Indian Fighter Kite flying an aspect of kiting which I enjoyed very much.

Unfortunately, Mike moved away from the area and the Croydon group ceased to exist.

Gil Collins

KELANTAN KITE FESTIVAL

The venue is an extensive coastal lowland of rather uneven gritty coarse sand backed by a fringing line of pine trees and tropical palms in North East Malaysia, close to the border with Thailand. More precisely it is the PANTAI (= beach) SRI TOJUH near to the small town of TUMPAT in the state of KELANTAN. This tropical miniature Battersea Park has been selected as the permanent site for all future international kite festivals in Malaysia, which are co-sponsored by Malaysian Airlines and the Tourist Development Corporation of Malaysia. Kelantan state is the heartland of traditional Malaysian kite making, designing and flying and so it is fitting that the location of the country most prestigious kiting event should be on some beach in the state. However, I can't help wondering if another beach about 10 kilometres north of the state capital, KOTA BHARU (= New Castle) would have been a better choice. This is PANTAI CINTA BERAHI which loosely translated means beach of passionate love.

This year's 8 day long festival was a bigger scale than in previous years. The two co-sponsors had invited about a dozen different overseas teams to participate alongside hundreds of Malays. In the event there were international representatives from Australia, Hong Kong, Taiwan, France, Holland, U.S.A. and the U.K. Some were familiar figures in the international kiting scene like Theo Beerends and John Verheij making up the Holland Kite Team; Tony Wolfenden from Melbourne; Alan Nagao from Hawaii; James Au, President and Head Kite Coach of the Hong Kong Kite Association; and Kin Kam Hsieh, President of P.O.C. Kitefliers Association in Taiwan.

Others were newcomers to the international scene like Ted Coles, from Australia whose first prize in a major kite festival competition in Sydney had been a ticket to Kelantan. The other three members of the Hawaiian team, Alan (No. 2) Brian and Scott who celebrated his 19th birthday there - had not visited Malaysia before. Similarly Sylvien Venet of the Cerf-Volant Club de France, although a well known figure on the European circuit, had not previously flown his beautifully made single liners in the orient.

The three members of the U.K. team were Adam Sutherland, from Kites North, Jilly Pelham of Vertical Visuals and myself, a relative newcomer to kiting, whose main function had been to negotiate with the Malaysian authorities an on-going exchange of kite enthusiasts between the U.K. and Malaysia. In no sense were we a national team - at least not in the mode of the 2 person Holland Kite Team or the four person team from Hawaii. But at least we did all set the flags of St George and St. Andrew flying over the kampongs of Malaysia and our colourful attire cut quite a dash on the beach at Tumpat. Adam with his yen for all things Japanese easily carried off the non-prize for eccentric if not entirely exotic dress. Jilly wearing a Chinese coolie hat bought in the local bazaar, happened to be the only female participant in the festival (kiting is an entirely male dominated activity in Malaysia) and as such attracted a great deal of media attention. The local press gave her a write up and colour photographs on at least two days and no doubt we would have seen her on regional and national television had we known what times such things were screened in Malaysia. Not to be outdone by the yanks Jilly also arranged to have her birthday celebrated on the Friday.

That was the last day when there was the least flying activity not because of Jilly's birthday but because our hosts had arranged for the foreign visitors to have a coach tour in the morning including visits to a maker of the traditional Malay shadow puppets and to a local silversmith's workshop. Also included was a quick visit across the border into Thailand. Had everything gone according to plan everyone would have been flying their kites by 2.00pm after having enjoyed(?) our sixth consecutive Malay curry lunch.

But in the tropics things rarely go as planned. Our tour guide hadn't reckoned on the one and only bank in Tumpat not being entirely familiar with processing travellers cheques. What normally takes 5 minutes lasted for a frustrating 45 minutes that was followed by an equally long frustrating customs clearance at the Thai border. So by the time we had crossed the river by ferry and had the best meal we had had in a week it was well into the afternoon by the time the main party returned to the flying area.

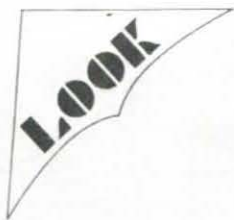
KELANTAN KITE FESTIVAL

We also had to leave fairly early that day - at 8.00pm - to prepare for the formal buffet reception in the Pendana Beach Resort Hotel to which all the organisers, officials - including the 30 Malay judges of their kite competitions, V.I.P.s and foreign participants were invited. It really was a hot, steamy evening and the curry seemed hotter than ever. After the speeches and the presentation to the Holland Kite Team of a huge silver plated trophy for the best overseas team we enjoyed a culture show of Malay songs, dances and wrestling. In return we had to sing to our varied national cabarets, waltzing matilda was transposed to waltzing Malaysia, the Holland team did a Dutch sabot dance, the Hawaiians chanted what I thought to be an American college freshers chorus and the Taiwanese did a silent exit.

The Anglo-French entente cordiale was the act that bought the house down. Adam and I did a softening up curtain raiser with our version of their stylistic form of wrestling ending with me having my eye poked out, historically speaking. Then followed the main act with Frenchman Sylvanen providing an authentic vocal accompanists to a beautifully choreographed ballet (stage not aerial) performed by Adam, Jilly and I joined by a Hong Kong gate crusher. It was a take off of their Wau Bulan dance which was top of the Kelanten pops. Our performance was made even more dramatic by two things - firstly the voluntary drummers and instrumentalists, and secondly by the involuntary loss of my hotel room towel which had been my traditional sarong. Still it was all good clean fun for the kiddy kilters.

BILL FARRINGTON





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OPENS 14TH JULY

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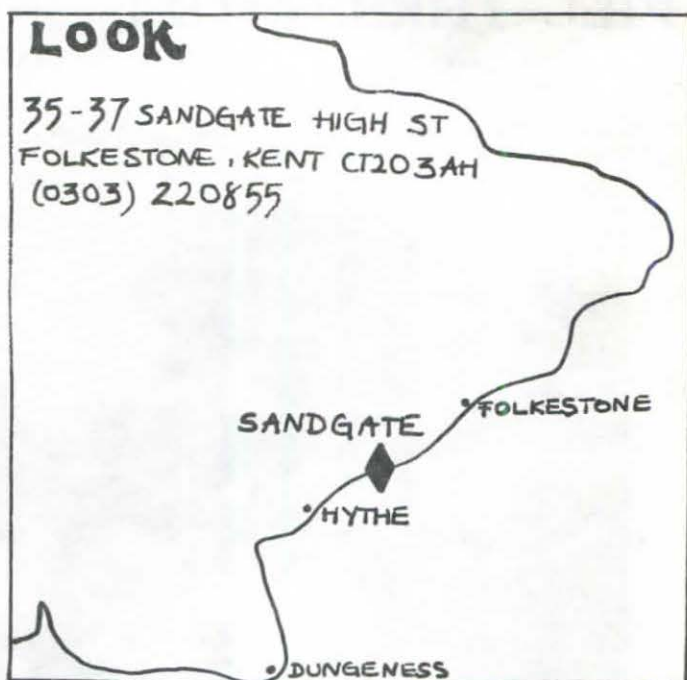
WE WOULD LIKE TO HERE FROM:

- ◆ EXPERIENCED STUNT FLYERS TO FORM LOCAL TEAMS
- ◆ ENTHUSIASTS OF ALL ASPECTS OF KITING WHO WISH TO MEET AND FLY WITH OTHERS IN THE KENT AREA

We look forward to seeing you in our centre in the near future

Barry, Sasha, Liz & Daniela

James



DISCOUNT

TO MEMBERS OF
THE KITE SOCIETY
OF GREAT BRITAIN



SUPPLIES

Many of you may have noticed the advert from Quicks the Archery Specialists in the last magazine. They are expanding into the kite parts business and now do a comprehensive range of carbon fibre shafts, connectors and shaft end caps. They also now stock Kevlar, Dacron and Spectra line. The spectra line comes in a variety of colours, strengths (150 to 450 pound breaking strain) and lengths (300ft to 1000ft) and is sold at a competitive price e.g. Spectra braid 1000ft 150lbs breaking strain for £2140. If you are at all interested in high tech kite making we suggest you write to them asking for their Kite Items List. The address is Quicks, Stakes Hill Road, Waterlooville, Portsmouth, Hampshire PO7 7JF. Tel 0705 254114.

In the last newsletter there was a short item about cheap carbon rods. We had a few people express interest, including a few retailers who thought perhaps that we were undercutting them and who also pointed out how involved dealing with overseas companies could be. So we thought that the fairest thing to do was to inform our readers of the manufacturers address and let any interested parties explore the

possibilities themselves. We just don't have the time to get bogged down in administration. The company is called Beman, BP 4048-69615, Villeurbanne, Cedex France. Telephone 33 78842078, Fax. 33 78849752, and the minimum order is 100 lengths.

Some of you might have seen the new stickers that some kiteflyer's vehicles have been sporting. They are multi coloured stained glassed style and there are two designs to choose from, a rural landscape with two kites in the sky or hot air balloons flying over a coast. Cost is 25p each plus VAT and p&p. There is no minimum number order. For further details contact Ink Enterprises, Dol Ddafydd Rear, Gordon Terrace, Bethesda, Gwynedd LL57 3LY. Tel 0248 601699.

NEWS OF THE KITE SHOPS

Tradewinds Kites is a newly established shop based in Reading, Berkshire to serve the needs of kiteflyers in the surrounding area. Their range includes Top of The Line, Action Kites, Skynasaur, Flexifoil, Brookite, Peter Powell, Ace and Greens kites. Supplies of the Highflyers Phantom range of kites are imminent. Ripstop nylon and other kite making materials are also available for those who prefer to create their own designs.

Whilst they would love to see their customers in person, they realise that some people will be unable to visit the shop and so are happy to offer a mail order service.

Richard Marsh (owner of Tradewinds) has generously offered Kite Society members 10% discount for cash purchases and 6% discount for credit card purchases, so please do



support him.

Opening hours are Monday to Friday 9.30am to 12.00 noon, 12.30pm to 5.30pm, Saturday 9.30am to 5.30pm. Address Tradewinds Kites, 6 Harris Arcade, Reading, Berkshire RG1 1DN. Tel 0734 568848.

The International Sport Kite Centre will be opening in Sandgate, near Folkstone, in the middle of July. The owner, Barry James, hopes to be able to stock a wide range of both stunt kites and single line kites. He is offering our members 10% discount.

He is very keen to start both a kite group in Kent (an area of the country which is sadly lacking in such), and also anyone who is keen to get together for team stunt flying, both for pleasure and perhaps for a little promotional activity for the shop, see the advert in this issue for address and telephone number.

Another new outlet is called The Kite Loft, mainly because it is based in (the large!) loft of the Mountain Bike Centre, 4 School Close, St Columb Minor, Newquay. Tel 0637 873962.

It is open from 10.00am to 6.00pm seven days a week and stocks a wide

range of kites - mainly sport kites such as Flexifoil, Top of The Line, Phantoms, Powells etc. Plus a few "power" kites such as parafoils.

In conjunction with this the owner, M. Conlan has formed a small kite club which call themselves the Kestrels who meet every tuesday from 6.00pm at the Kite loft to get together to fly kites, especially team stunt flying, and enjoy apres kites down the local pub! They are always looking for new people to join so if you live in the area go along!

We mentioned in the last magazine With Flying Colours the kite shop based at 9 Wharf Road, Frimley Green, Camberley, Surrey. Tel 0252 836241. Apparently they have now changed their opening times to - Monday to Friday 9.00am to 6.00pm (closed for lunch 2.00pm to 3.00pm) Saturday 9.00am to 5.00pm and Sunday (staff permitting a phone call will confirm) 10.00am to 12.00 noon.

BITS AND PIECES

American Express are running a promotional offer at the moment (from May 1990 whilst stocks last). Just buy £300 or more in American Express Travellers Cheques from participating outlets and you will receive a free stunt kite! So look for banks, building societies etc that are displaying the posters. The kite itself looks like a Worlds Apart / Ace type plastic stunt kite.

In conjunction with the Manchester Kite festival, which was held in June, there is an exhibition called Kites of the Far East (Chinese, Japanese, Malay and Indonesian) being held at the Chinese Arts Centre, 36 Charlotte Street, Manchester M14



from 9th of June until 14th of October. As well as the kites being on display there are video shows every day on the performance of kiteflying and workshops and slide shows by kite experts on 29th July, 5th and 19th of August from 2.30pm to 4.30pm.

The centre is open Tuesday to Fridays 10.30am to 5.00pm and Saturday and Sunday 12.00pm to 5.00pm. The telephone number of the centre is 061 236 9251.

Little snippet spotted in the American Kitefliers Association newsletter "Kiting" - new clubs ... and for all Cody lovers, a new club The Samuel F. Cody Kite Society is intended to be a national source of information for Cody kites, Cody designs and for historical information on Mr Cody himself. Contact Rick Brown 5167 8th Avenue NE, Salem, Oregon 97303, U.S.A. Tel 503 390 8411.

FROM THE PRESS

A snippet sent to us by one of our Northern Ireland members seen in the Daily Telegraph Tuesday March 20th 1990.

The article is headed Japanese Kite Enthusiasts plan channel flight of

fancy.

"Five Japanese businessmen are training for the first flight by kite from Calais to Dover this summer. The middle-aged businessmen have just completed a trail west of Tokyo. The trails showed we can maintain tension in the 100 kilometre long wire in wind speeds of four metres a second said Mr Fujio Sakamoto, one member of the team.

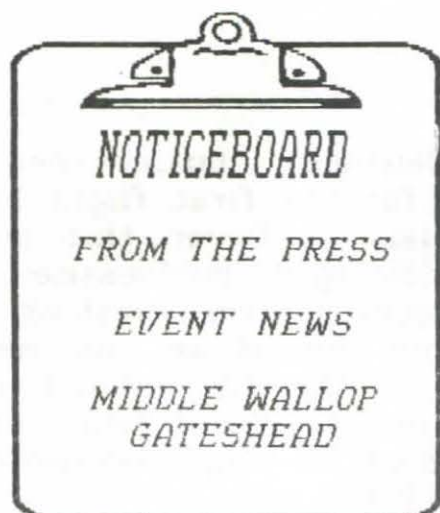
Mr Sakamoto is following a heroic national tradition in building the 100ft by 120ft kite which will trail a cradle in which he will sit. Tethered to a winch on a two ton truck in Calais, Mr Sakamoto will need a good wind to lift his middle age spread, camera and packed lunch to the necessary 2,000ft. At that point, according to the calculations, Mr Sakamoto will be dangling above the A20. The sponsor, aware that Mr Sakamoto may find himself in airliner flight paths, is seeking permission from the Civil Aviation Authority.

By fiddling with two strings Mr Sakamoto plans to reduce altitude and descend by parachute while the kite is winched back to France. He says he could make a controlled landing but does not want to risk snagging channel shipping with the cable."

(We rather think that the date on this should read April 1st but if anyone has any more details we would be very interested!)

A snippet of news from N Repper.

A remarkable turn of events took place on the morning of 28th May 1990 in the unrest on the west Bank of the River Jordan between the



youth of the Palestine residents and the troops of the Israeli army. It now appears that when stones and petrol bombs failed to make an impression a large six sided kite complete with tail in the colours of the Palestine Liberation Organisation flew from the roof tops over the heads of the advancing troops causing anger to be directed away from the youths and their stones and on to the kite when some of the troops attempted to shoot it down (in fact the wind dropped and it fluttered to earth). This surely must have been the first time for centuries that a kite has been used as a weapon of war and what media coverage did it get? No mention in the English papers and only one tv channel gave a brief glimpse of the incident, but at least the Israeli Army have taken the incident seriously and it was also given coverage in the Israeli press. It will be interesting to see if the flying of kites becomes a factor in this area of unrest.

EVENTS NEWS

Details regarding the event being held at Middle Wallop on August 5th have been sent to us by Ron Moulton.

Middle Wallop, training airfield for

the Army Air Corps and home of the splendid Museum of Army Flying (including Kites and balloons) is the largest all grass aerodrome in the U.K. In open country, it will surely rival Wroughton, and will make up for the disappointment of not being able to return there. The same date has been chosen in view of the excellent support in earlier years at Swindon, now hopefully to be repeated at Andover.

All dedicated kitefliers will be able to enter the aerodrome with vehicles and gear to a perimeter parking spot. General public will be restricted to the normal car park, where trade stands will be set up, and we will have a separate flying area. All close to the museum and facilities.

A nominal entry charge will be made, around £1.00 per adult (normal admission £2.50) but when you see those beautifully mown acres and with the fine museum you'll agree that the field is one of the best anywhere.

Any queries, and especially some indication of support would be welcome. Contact Ron Moulton, 2 Avenue Rise, Bushey, Watford, Herts WD2 3AS.

Some further news of the Gateshead Festival being held over the August Bank Holiday 24th to 27th August. The event is not really a festival as the primary aim is to entertain the crowds at the National Garden Festival and not, in the traditional way, to entertain ourselves. So although everyone is welcome to come along and fly the area being used is restrictive.

International kite fliers attending



are Tal Streeter, Scott Skinner from America, Jan Pieter Kuill and Janne van Nederpelt from Holland, Phillipe Gallot, Joel Theze and Martine Chatel from France, Mosaki Modegi and team from Japan and a team of 10 kitefliers from Malaysia and of course a number of internationally known U.K. kitefliers.

KITE BOOKS

David Pelham, author of the Kitefliers bible "The Penguin Book of Kites" has produced "Fly Kites" Penguin Books ISBN 0140113606 price £9.99.

This cannot really be called a book but more of a complete kit to make four identical paper kites (the only variation being different tail configurations) and as the outside of the book states these kites are totally biodegradable (this is the first time to my knowledge that a kites greenness has been used as a selling point it is a shame that the cover wasn't printed on recycled paper too!

The book is large scale approx 19" by 24" and is basically a wallet boldly printed in bright colours. Inside are nine sheets of paper or card onto which are printed all items necessary to construct the kites.

Instructions are printed on the inside of the wallet and are clear for both making and flying the Fly Kites. The cost of the book can be seen in the excellent printing and the complex perforations needed. As Pelham himself says "the kites are only made from paper and card so should be treated with respect, but treated well these kites will treat you to hours of exhilarating fun". My own personal feeling is you should only buy this book if either A) you are one of those people who is an avid kite book collector or B) a kitemaker who is very interested in paper and/or small kites, otherwise I would spend the money on a new copy of David Pelhams Book of Kites. I suspect that it will not be too long before Fly Kites appears in those book shops that tend to sell reduced priced books so keep an eye out for it.

Another new book which unfortunately we have had only a short glimpse through is an American book Kite Works by Maxwell Eden ISBN 0806967129 price \$19.95 publishers Sterling Publishing Co. Inc.

This appeared on a short scan to be one of the best kite books we had seen for quite a long time. Hardback with some colour photographs and over 400 black and white drawings, the book contains good clear plans for all those new kite designs (and old) you have just been wanting to find plans for. Many of America's top designers have obviously divulged some secrets here. For example want to make a George Peter Pteranodon, the pattern is here, it evens has a Yakko Stack designed by our very own Martin Lester. We think this book deserves to be more widely available.

LOCAL GROUPS

The following pages are comprehensive details of the local groups as supplied by the groups themselves. All groups were sent a letter requesting information any groups which are not in this list - well draw your own conclusions.

ABERDEEN KITE FLYERS

The Aberdeen Kite Flyers started by Garry Clarke, who in his first newsletter "The Flyer" says that he created the club so that people can get together once or twice a month to fly kites and swop ideas. The newsletter is to keep people informed of any kite related events that are happening in the Aberdeen area, and also to encourage people to come together to do team stunt flying. There is currently no membership fee. The groups main flying site is Hazelhead Park.

Contact Garry Clarke, 3 Eastside Avenue, Westhill, Aberdeen AB3 6QQ. Tel 0224 741220.

ALCESTER KITE GROUP

Alcester Kite Group was formed in 1988 by a few enthusiasts, who fly on the third Sunday in every month at Alcester Rugby Club. As a new club we are still few in number.

Members receive four issues of the Kite Society's newsletter The Kiteflier which contains news of events, kite plans, and other kiting information; public liability insurance at all the club's fly-ins; and lots of other information about local, national and international events.

Junior Membership (under 16 state age) £5.00. Adult Membership (over 16) £8.00. Family Membership (no more than 16 names) £10.00.

Contact Fred Taplin, 20 Henley Street, Alcester, Warwickshire B49 5QY. Tel 0789 762350.

AVON KITEFLYERS

Our club was formed by Roy Wright and Tom Oates on the 8th October "One Sky One World" day in 1989 when our first event took place at Ashton Court in Bristol. Interest was tremendous.

The aims of our club are to promote kite flying, especially communal kite flying, to fill a much needed gap of locally organised kite flying activities as well as producing a local newsletter with which each member can more easily identify.

We have as yet no formal committee but with the increasing numbers of membership and the clubs various activities we feel that the time has come to organise more in that way.

To date we have approximately 100 members. Single Membership is £5.00 and a family membership costs £7.50 renewable each year on "One Sky One World" day.

Our club holds a public liability insurance with an indemnity limit of £500,000. This cover is valid throughout the year and enables our members to fly their kites anywhere on the mainland. Members also enjoy discounts at some kite stores.

Throughout the year we hold fly-ins at Ashton Court on roughly a fortnightly basis. The club may organise competitions as it did this year i.e. knock off the can, nightflying, altitude sprint and lifting competition.

Our major event each year is "One Sky One World" day, our birthday, at Ashton Court in

LOCAL GROUPS

October, to which we invite anyone to come along and join us.

Throughout the past year we have been asked to give kiteflying demonstrations, displays and to hold kite making workshops. We have put together a package which is available on request, giving details of the service on offer together with cost.

Contact Roy Wright, 35 Burley Grove, Downend, Bristol BS16 SQB.

BLACKHEATH KITE ASSOCIATION

The Blackheath Kite Association is London's own kite flying fraternity, and meets regularly on Blackheath. Membership is open to all who have an interest in flying kites as a hobby.

We meet every second Sunday of the month on the centre of Blackheath at 2.00pm.

The Association runs two kite festivals each year, one on Easter Sunday and Monday plus a summer event in late June early July. During the festivals we have C.A.A. permission to fly to the height of 500ft.

Membership costs £1.00 for adults and 50p for under 14's, the year running from Easter to Easter. Members are covered by a public liability insurance against damage or injury.

If you would like to join send your subscription to the secretary and you will receive a membership card and a copy of the BKA constitution and rules.

Secretary. L F Pattern, 303 Lincoln Road, Enfield, Middx EN1 1SY. 081 804 2089.

CHILTERN KITE GROUP

A newly formed group with 60 members in total, they produce a newsletter and put on displays and events.

Membership is £3.00 per year, if joining after April £1.50. The membership year runs from October to October. Contact George Reed, Dilston, 7 Bellwood Rise, High Wycombe, Bucks. HP11 1QH.

DEVON KITEFLIERS

Les Symons writes "during our last flyin we got another 6 members and find that we are now beginning to be recognised, also the South West Stunt Kite Championships are now held in conjunction with one of our flyins.

Devon Kitefliers support kite displays for charity and do flyins at fetes such as on August 11th where we will be putting on a show at Monksilver county fair, Somerset. Brian Geldart of Plymouth has done some kite workshops as well. Our club flyins are held at Porc Hill, Godsworthy nr Tavistock. Grid Ref SX5317S1.

Contact Les Symons, Ju Les Gla, East Waytown. Goodleigh Road, Snapper, Barnstaple, North Devon EX32 7JR.

ESSEX KITE GROUP

We now have 70 paid up members and have Cressingham with 20 members and Drummonds with 14 members affiliated to the Group. We can be contacted at the Secretary address and twice yearly magazines with programmes of events are always available.

LOCAL GROUPS

Our members are involved in kite workshops and lectures at various places in Essex.

Membership costs £1.50 per person per year.

Hon. Secretary, Kathleen W. Pike, 34 Mortimer Road, Rayleigh, Essex SS6 9NX.

GREAT OUSE KITE FLIERS

The club came into being as the result of the efforts of Colin Jackson, who in 1980 made contact with various local members of the British Kite Flying Association with a view to forming a local club for keen kitefliers in the area. The inaugural meeting took place in the Autumn of that year at Ernulf School, St Neots. It was resolved by those present to try and set up a kite club including as founder members - Jenny and Colin Jackson, Shelia and Peter Hartwell, Peter Messenger, Ted Fleming, the late Peter Phillips and others.

The name of the club, Great Ouse Kite Fliers, was devised from the fact that it was expected that members would be living in various counties bordering the valley of the River Great Ouse, in Eastern England. Membership numbers over the years since then has fluctuated somewhat as people have moved away or changed their interests. However during 1986/1987 there was a general increase of public enthusiasm due partly to more large festivals being organised, and coupled with an change of policy in the club there has been a satisfying increase in the club membership.

At the October AGM held in 1985, Ted Fleming offered to take over the work of Secretary and Treasurer and this offer was unanimously accepted and Ted Fleming also became an informal President. In October 1986 after a disappointing year for the club funds it was decided at the AGM to change club policies by increasing our local publicity and our exchange of correspondence with societies and clubs in U.K. and overseas, and by early 1988 this was having a beneficial effect.

Commencing in November 1986 a monthly journal was started and met with a good response, and, computer aided, is being steadily improved in format, and is very helpful in maintaining contact with everyone. In addition to keeping readers informed about kiting news around the world, it contains regular hints and tips and kite plans are included from time to time. Subscriptions are available to non members and copies are sent by post. In 1988 the journal, now known as "High Lines", became a bimonthly issue. In 1990 it became a quarterly with monthly newsletters as required

Club flying displays are held monthly on the 2nd or 1st Sunday of each month from 11.am and we invite all to come and fly with us whether members or not. Details of venues are given in the list of events published in November each year. The sites frequently used are Grafham Water, Ferry Meadows, Peterborough, St Neots Riverside Park and Priory Country Park Bedford.

Membership 8.00 for first year (with £2.00 joining fee) then £6.00 per year this fee covers both individual and family membership.

KITES NORTH

Kites North covers the counties of Northumberland, Cumbria, Tyne and Wear, Durham and Cleveland, having members from all five counties. There are monthly fly-ins on the first Sunday of every month at the Ropery Lane site, Chester-le-Street, County Durham. It also moves the monthly flyin site around the region at the request of members so that travelling is shared. Kites North also have monthly talk-ins the second Saturday of every month at Washington Arts Centre. These usually consist of members taking workshops, giving lectures, slide shows or just talking shop. We also organise workshops over and above the talkins. Current project include a group kite train and giant

LOCAL GROUPS

butterfly kite.

The group also gives demonstrations throughout the regions at fetes, carnivals etc, and are working to develop an annual local kite festival at Peterlee, Co. Durham. This year it will be held on 18th and 19th of August, as part of this event Kites North are holding a sponsored kite make for local charities by getting over 2,000 children to make a kite in one day.

Annual membership fee is £6.00 per annum plus 50p per person for additional family members. This is purely used to cover the costs of photocopying and posting the monthly newsletter. Membership is open to anyone. Current membership 36. Kites North does not have an active recruitment policy, believing that quality comes before quantity.

Kites North welcome any kitefliers to the region and will try and host and home stay people visiting fly-ins, talk-ins, and festivals we are involved in.

Contact Adam Sutherland, 20 Durham Place, Barley Mow, Chester-le- Street, Co. Durham DH3 2AY.

MIDLAND KITE FLIERS of GREAT BRITAIN

The Midland Kite Fliers was formed in 1979 by a number of individuals who had a common interest in all manner of kiting activities. The club is now an enthusiastic community of people who subscribe to no fixed rules or dogma, but simply come together to further the cause of kiting in all its various forms in the Midlands area. In 1980, the Midlands Kite Fliers completed project "Kara" an unsuccessful attempt at the world kite altitude record. 1986 was the year of "Erik the Jorvik Serpent" Britain's longest kite loosely based on the thai serpent design. The head alone stands 5 metres tall, and the 500 metre long tail tapers from 3 metres wide at the head to 10 cm wide at the end. Thanks to the strong friendships forged by the members of the club we now enjoy strong international links, and we have been able to provide a number of displays and workshops featuring kites from all around the world.

The club has approx 61 members (about 127 individuals).

Membership benefits include four issues of the Kite Society's Newsletter "The Kiteflier", public liability insurance at all the club's fly-ins, information about local, national and international events in the Midland Kitefliers extra and discount at several retailers in Great Britain and abroad.

The Midland Kitefliers hold monthly fly-ins at various venues throughout the Midlands area On the first Sunday in every month. MKF members can usually be found at Sutton Park, other events are organised by the MKF.

Subscriptions run from January to December, regardless of the date of joining. Family membership £12.50, Single £10.00, senior citizen's Family £10.00, senior citizen single £8.50, unsalaried single £8.50, junior (under 16) £5.00.

Contact Derek Kuhn, 29 Bradbury Road, Solihull, West Midlands.

NOMANSLAND KITE FLYERS

We are a very informal, friendly club that meet on the fourth Sunday of each month from 11.00am onwards. We have just over thirty regular members who are serious kiteflyers and lots of others that come when they can with one or two kites they enjoy flying. We do not pay subs or have a magazine, but we are popular because we are very casual. We offer help, advice and company. We have had very successful charity days, Comic relief and Telethon etc., when people bring their own teddies for sponsored drops.

LOCAL GROUPS

We meet at Nomansland Common which is at Wheathamstead just outside St Albans in Hertfordshire. A lot of our members have been very successful in stunt and fighting competitions. Please come and join us and have a great day and help fill the sky with kites.

Contacts:-

Carole Peacock, 61 Windmill Avenue, St Albans, Herts AL4 9SJ. Geoff Adams, 6 Pembridge Close, Bovington, Herts HP3 0QH.

SHROPSHIRE KITE GROUP

Based in Shrewsbury, founded 1977 by Julian Wright, who is the present Chairman aged 77! Secretary Tony Slater, 128 Meadow Farm Drive, Harlescott, Shrewsbury, SY1 4JY. Tel 0743 235068. No of members 19.

We are a small but very active group and usually have at least half a dozen members at any kite festival held in this country. We fly and meet together every weekend throughout the year. Even if the weather is bad members still descend on our house, which is only 50 yards from the flying field, and are treated to tea, coffee etc and even breakfast if they time it right! by my long suffering wife Christine.

We are being asked all the time to do local workshops at schools, libraries, fetes etc. also flying displays (don't some organisers have funny ideas as to what is a suitable site for flying!). We have had to turn down a few this year, due to dates clashing. I think most members have a go at making kites with varying success but even if mistakes are made there is always a member there to give advice.

We are lucky to have some of the finest makers as members such as Paul and Helene Morgan who make a smashing range of handmade kites and can be seen at most festivals with their shop and are usually Rokkaku fighting. Also they have made Britain's second largest kite.

Another outstanding maker of cellular kites is Graham Wyle who seems to win all the best home made trophies at festivals. He is best known for his Lecornu Kites, tandem Tri-star, and Rosette design (which is on the cover of Jim Rowlands Book).

Other members include David Bloom, light wind specialist, Bob Hurst Cody Variations, The Cambells - hexagons and bears, Ray Glover who likes birds! Martin Croxton - long arms to his friends, loves parafoils, big uns and myself who has been known to make the odd fighter or three.

The biggest event in our calender is the Shrewsbury Kite Festival held over two days on the first weekend in July. This will be our 7th this year and one added attraction will be the international Boomerang event with throwers attending from worldwide.

We don't have a club mag as we find the Kiteflier contains plenty of info and we keep in close contact with each other via phone and letter

Our flying field is 42 acres of local playing fields, council owned, with a pavilion for huddling in when its cold. We are on good terms with the groundsman and his misses who lays on tea in the afternoons when we are flying and has been known to remove Goal Posts if they get in our way

All in all I think a good kite group should be about helping each other to achieve enjoyment from what is a fun hobby (are not kitefliers a friendly lot!) come and join us and share the air.

LOCAL GROUPS

THE WHITE HORSE KITEFLIERS

Our membership is now 59, we are part of the Thamesdown Community Arts and Recreation, so membership is very open. We publish a news sheet monthly, we also run workshops at the Jolliffe Studios in Swindon, and visit local fetes when invited to give demonstrations and run childrens workshops. We visit schools within 20 miles radius to talk to the children on the history and principles of kites, and usually end up with a workshop.

Our main attraction is the flyin at Barbury Castle (Wroughton) on the second Sunday of each month.

Contact Ron Gunther, 12 Glenvum Close, Purton Swindon, Wilts SN5 9HA. Tel 0793 770784, or Neil Harvey, 2 Meadowlands Cottages, Bibury, Cirencester, Glos GL7 5NA. Tel 0285 74295.

YORK KITE FLIERS

Members (total 12) meet 2.00pm first Sunday of the month, on the Knavesmire (racecourse), York.

Membership fees are voluntary. Annual news sheet sent out at Easter informs members of forthcoming kite events in the area. This year we have, or will, support Doncaster, Washington and manchester kite festivals.

Most of our members make their own kites as well as purchasing professionally made items. Between us we have a good selection of kites to fly in all wind speeds, Geoff Crumplin has recently made a flexifoil which made its first flight in May. Geoff's artistic ability coupled with his engineering skills makes his kites very exciting to fly.

Contact Anne Hoskins, 2 Dewsbury Terrace, York YO1 1HA.

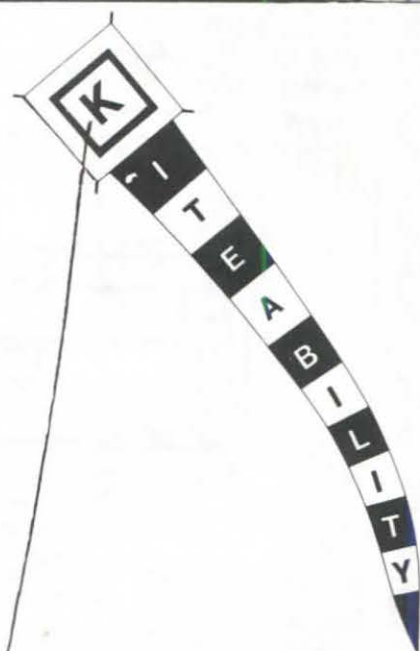
KITEABILITY

HANDMADE KITES AND KITE MATERIALS

2, Garfield Road, Enfield, Middlesex EN3 4RP Tel: 081-804 9080

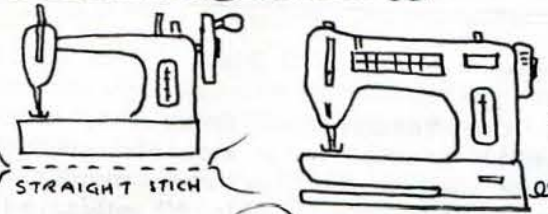
**YOU HAVE READ THE BOOK,
YOU HAVE SEEN THE KITE,
NOW BUY THE MATERIALS.**

**GIVE US A CALL FOR OUR 1990 LIST
OF
MATERIALS
KITES
NEW IMPROVED DELSAW DEEPSKY REEL
ACCESSORIES**



SEWING RIPSTOP

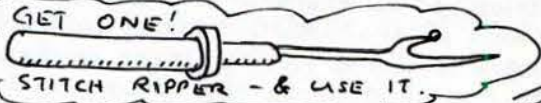
CHOICE OF MACHINE: — STRAIGHT OK. — ZIG ZAG BEST.
 READ OR REREAD THE INSTRUCTIONS!
 AND PRACTICE — PRACTICE — PRACTICE.



NEEDLES & PINS

ON RIPSTOP USE PINS SPARINGLY — THE HOLES DON'T CLOSE ON REMOVAL. IF YOU MUST — PIN AT RIGHT ANGLES TO LINE OF SEWING AND STICH OVER PINS... SLOWLY

NEEDLES CHECK WHAT NEEDLES YOUR M/C USES
 MOST DOMESTIC M/C USE FLAT SIDED ONES.
 IGNORE ALL THE NO'S: LOOK FOR NO 18, 16 OR 14.
 NO 18 FOR HEAVY SEWING OR LOTS OF THICKNESS
 NO 14 GOOD ALLROUND NEEDLE

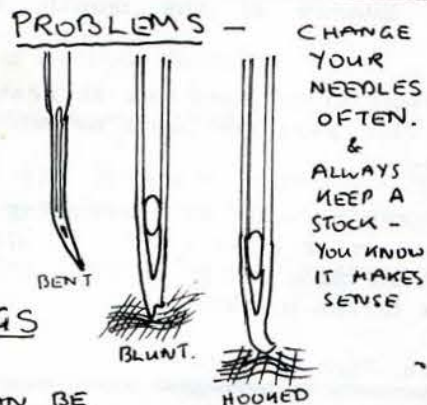
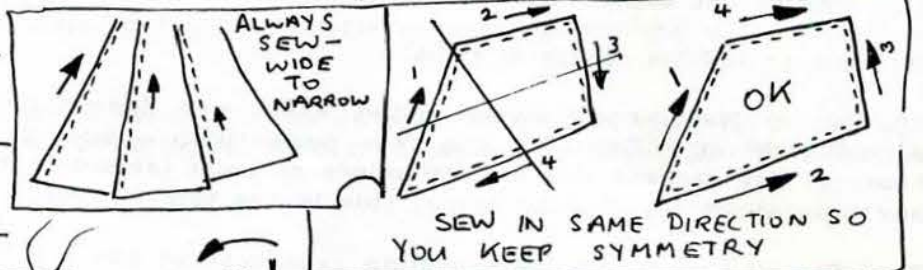


THIS HAND GUIDES NOT PULLS

YAWN — TIME SPEN GETTING SEWING RIGHT — UNPICK IF NOT — MEAN YOUR KITE WILL FLY WELL FIRST TIME

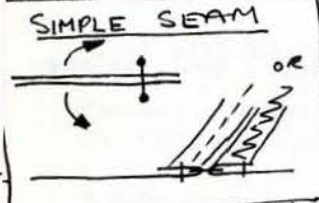
SETTING UP THE MACHINE — STITCH LENGTH IS IMPORTANT — IF YOUR M/C JUST HAS NO'S — USUALLY, 0-4 THEN MAKE A TEST RUN AT VARIOUS SETTINGS AND DYMO TAPE THE RESULTS BY THE DIAL. 1" FOR MOST, IF NOT ALL, 8 STITCHES PER INCH IS THE BEST. — CLOSER, AND THE RIPSTOP WILL TEAR

RIPSTOP IS SLIPPERY — BUT YOU CAN SOON DEVELOP YOUR OWN TECHNIQUE. PRACTICE ON SCRAP. DON'T RELY ON THE M/C TO DO THE WORK — KEEP A GENTLE PRESSURE WITH YOUR LEFT HAND.



PROBLEMS — CHANGE YOUR NEEDLES OFTEN. & ALWAYS KEEP A STOCK — YOU KNOW IT MAKES SENSE

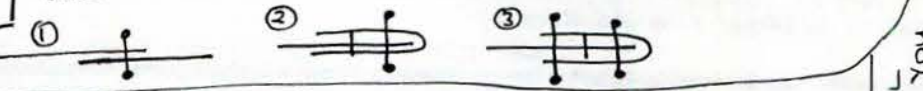
THREAD — YOU'RE GOING TO PUT A LOT OF TIME & EFFORT INTO YOUR KITE SO DON'T USE CHEAP THREAD. FOR RIPSTOP USE ONLY ~ POLYESTER ~



HEMS: —

SEW SHORT LENGTHS AT A TIME — CHECK CONSTANTLY SLOW BUT WORTH IT OR BUY A HEMMER

EDGE BINDING — CUT YOUR OWN (HOT CUT) FROM RIPSTOP OR BUY NYLON/POLYESTER NOT COTTON TEST WITH FLAME IF NOT SURE. THIS IS DIFFICULT TO DO TRY THIS:

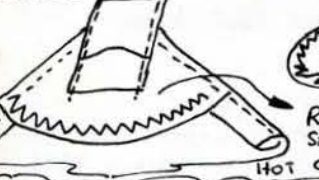


TIP: IF HEMS ARE A PROBLEM — YOU CAN PIN OR GLUE (BEST) UHU THEM. IF YOU USE DOUBLE-SIDED TAPE TAKE CARE DON'T SEW THRU' IT YOU'LL GUM UP THE NEEDLE — UGH

SPARK POCKETS 2-4 OR 8 LAYERS OF RIPSTOP CAN BE VERY STRONG



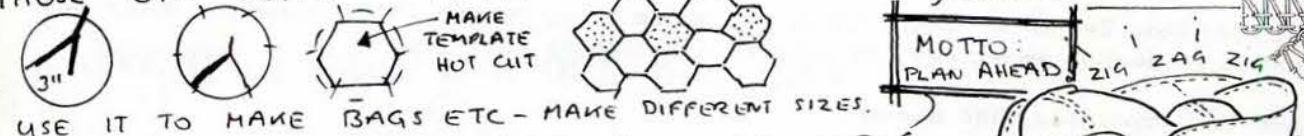
CORNERS ETC



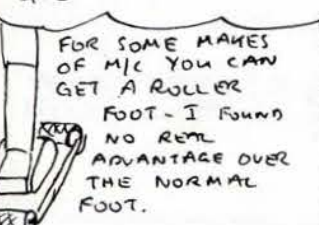
RE-INFORCE WITH SAILCLOTH OR HOT CUT RIPSTOP

LONG POCKETS TO KEEP THEM EVEN TAKE THE TROUBLE TO MARK THE FOLD LINE

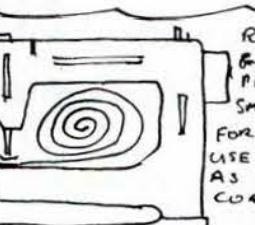
WHAT TO DO WITH ALL THOSE OFF CUTS — MAKE PATCHWORK!



WHAT FOOT TO USE? YOU CAN GET FANCY 'WALKING FOOT' ATTACHMENTS — NOT REALLY WORTH THE COST I SUGGEST THE NORMAL FOOT WORKS BEST WITH PRACTICE. GOOD FOR GETTING CLOSE TO RAISED SEAMS OR CORDING ROUND EDGES. **EDGE FOLDER** — HARD TO USE — I SUGGEST YOU FORGE IT!



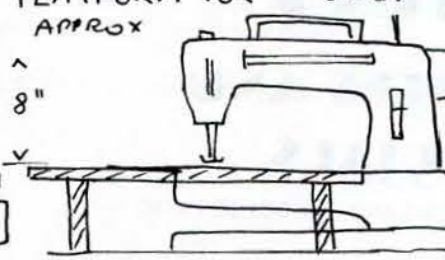
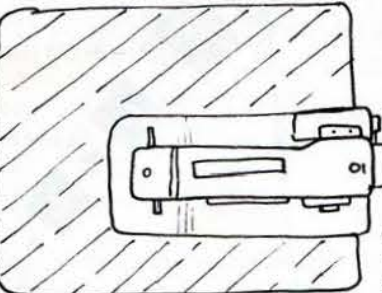
FOR SOME MAKES OF M/C YOU CAN GET A ROLLER FOOT — I FOUND NO REAL ADVANTAGE OVER THE NORMAL FOOT.



DON'T TRY AND JAM LOTS OF MATERIAL UNDER THE ARM. ROLL IT UP & IT WILL PASS THROUGH SMOOTHLY — FOR LONG PIECES USE BROOM STICK AS CENTRE CORE.

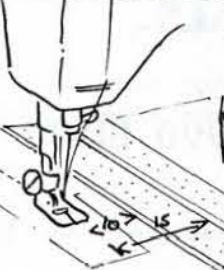
OTHER THINGS TO MAKE

BIG KITES CAN BE EASIER TO SEW IF YOU MAKE AN EXTENSION PLATFORM FOR YOUR MACHINE — DIMS APPROX



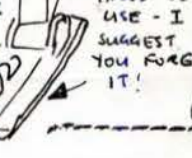
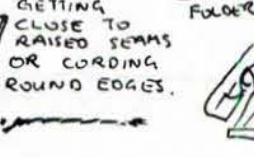
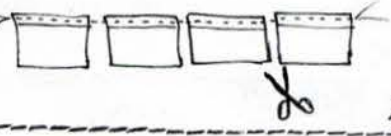
WANT A 100% IMPROVEMENT IN YOUR SEAM STRAIGHTNESS ?? FOR 3p OR LESS

LAY DOWN A STRIP OF MASKING TAPE 2/3 LAYERS THICK RIGHT ACROSS WIDTH OF SEWING TABLE 10 + 15 mm FROM NEEDLE — THEN ITS EASY TO GUIDE RIPSTOP ALONG THE EDGE 100% IMPROVEMENT IN SEAM WIDTH CONSISTENCY!



SPEED TIP

IF YOU'RE SEWING A SUCCESSION OF ITEMS DON'T STOP BETWEEN AND SNIP OFF — FEED THEM UNDER THE FOOT ONE AFTER THE OTHER LIKE A STRING OF FLAGS



HUGH ANDREW 1990

CAN SEW LOOPS FROM BRAIDED LINE IT FLATTENS NICELY — WITH CARE AND A SMALL YOU ZIG-ZAG

KITE SOCIETY CONVENTION 1990

The Kite Society 1990 Convention is now only eight weeks away and things are beginning to hot up. Perhaps the most exciting thing to happen in the last few weeks is the fact that we have managed to persuade Peter Lynn, New Zealand's top kite designer, to give a lecture about his innovative soft kites. This talk is not to be missed! Jim Rowlands has also generously agreed to put on a workshop. So the timetable together with the list of talks is as below.

John Barker: Keeper of Fred Bear editor in chief of Roman Candle (journal of the BMISS), this man is THE expert of Parachuting anything.

(10.00am to 12.00pm Quayside room)

The Bearly Made it Skydiving Squad A.G.M. and Indoor riot - mayhem, madness and mindless drive! - Fauna of the Year competition - spot prizes, come one and all, tin helmets, flak jackets and ear defenders optional (seriously though if you want to know anything about parachuting fauna, this is the talk for you).

Tony Slater: One of the U.K.'s leading exponents of the art of kitefighting - both making and flying.

(10.00am to 12.00pm Harbour Room)

Fighting kites - ancient and modern.

A talk describing the different types of fighting kites from around the world with particular emphasis on how and why they work, illustrated with videos of kitefighting.

Jim Rowlands: Author of two kite books and a recognised expert on kite workshops.

(10.00am to 12.00pm Armada Room)

Workshop on Workshops (part 2). Construction techniques - making kites in a workshop situation. Participants will make two or three simple kites using easily available materials - dowel, polythene, melinex and sellotape. This session follows on from the broad discussion on materials at last years convention.

There will be a charge of £1.00 for materials (1 paper kite and 2 polythene/melinex kites and flying line).

Jilly Pelham: Renowned kite designer and seamstress, and the power behind Vertical Visuals.

(4.45pm to 6.30pm Armada room).

Basic sewing techniques for kites. An ideal opportunity for those D.I.Y. kite enthusiasts to learn the ins and outs of sewing ripstop. Lots of opportunity to ask questions - this lecture is already fully booked.

Peter Lynn: New Zealander Peter Lynn has quite a reputation for making Big kites that are unique in design, especially his insects and mantra ray kites.

(12.30pm to 2.15pm Quayside Room)

Contemporary trends in kiteflying with particular emphasis on inflatable kites.

Paul Jobin: One of main instigators of the new activity Sport Kites, and founder member of S.T.A.C.K. (Stunt Team And Competitive Kiting) as well as being a member of that world (in)famous Blitz stunt team.

KITE SOCIETY CONVENTION 1990

(12.30pm to 2.00pm Harbour Room)

Everything you always wanted to know about stunt flying but was afraid to ask. If last years talk was anything to go by, this will be an informative and lively discussion illustrated with numerous videos on how to fly stunt kites both individual and team.

Fred Waterhouse: One of Britain's leading, if not the expert, on the Art of the Chinese Kite.

(6.45pm to 8.15pm combined Harbour and Quayside Rooms)

Fred has visited China and the International Kite Festival in Weifang three times and this talk, illustrated with slides, will draw on these visits to show the many skills of the Chinese kite makers and flyers.

Adam Sutherland: Expert on Japanese Kites and organisers of many kite festivals.

(4.45pm to 6.30pm Quayside Room)

Adam has travelled extensively in Japan and other far eastern countries and will present a talk on some of the Japanese kites that he has in his collection. The kites will be on display and each kite's construction details together with the artist's painting technique and the meaning of the painting on the kite will be described.

Joel Scholz: Joel is one of America's top kite designers and through his company Sky Delights, produces many kites that are familiar to the European Kite market, such as Parrots, Pandas, and F16 Fighter stunt kites.

(2.30pm to 4.30pm Harbour Room and 8.30pm onwards combined Harbour and Quayside room)

His lecture class in the afternoon will delve into the process of designing a kite through materials, plans, patterns, techniques, finishing and bridling. In the evening he will give an slide show on American kites.

	HARBOUR ROOM	QUAYSIDE ROOM	ARMADA ROOM
10.00	TONY SLATER	JOHN BARKER	JIM ROWLANDS
10.30			
11.00			
11.30			
12.00			
12.30	PAUL JOBIN	PETER LYNN	
13.00			
13.30			
14.00			
14.30	JOEL SCHOLZ		
15.00			
15.30			
16.00			
16.30		ADAM SUTHERLAND	JILLY PELHAM
17.00			
17.30			
18.00			
18.30	FRED WATERHOUSE		
19.00			
19.30			
20.00			
20.30	JOEL SCHOLZ		
21.00			
21.30			
22.00			
22.30			

As you can see the rooms are not being used all the day. If anyone wishes to use the rooms feel free to do so.

KITE SOCIETY CONVENTION 1990

We are still asking people to pre-register on the form provided as, although it will be possible to register for talks/workshops on the day, one lecture is already fully book and some are getting close to maximum numbers. So if you want to make sure Register now!

We have a complete set of rooms which interconnect and for the late afternoon / evening session the partition will be taken down to allow for a larger audience. We also have available our very own kiter's bar which will be open during the day and evening, and Kona coffee will be available. The conference suite has a separate entrance and in the foyer, which is basically around the outside of the bar, we hope to have an exhibition of kites and other bits and pieces. We have the rooms from 9.00am to midnight - plenty of time for socialising (or is it drinking)?

There is an N.C.P. car park next to the entrance of the conference suite, with the entrance to the hotel on the other side.

So all we need now is for our members to support the lecturers who have so generously given their time and to turn up! We look forward to meeting you there.

Accommodation lists for B&B are available and the Unicorn Hotel address is Prince Street, Bristol BS1 4QF. Tel 0272 230333. For those of you who perhaps prefer cheaper accommodation, just down the street from the Unicorn Hotel is the local youth hostel. If you are member of the Y.H.A. it will cost you £6.70 per night and £2.10 for breakfast. Non-members can pay for a guest pass for two nights cost £2.60 on top of room costs. They advise that you book in advance. Details from them at 64 Prince Street, Bristol BS1 4HU. Tel 0272 221659.

There are still a few camping places left at the kite festival site, Ashton Court. The cost is £2.00 per unit per night, three or more nights £5.00. The camping passes and keys will NOT BE SENT UNTIL MID AUGUST, but if you do wish to camp please do book early or you may be disappointed.

The annual Convention dinner and auction will be held at the Watershed Media Centre on Saturday 8th September starting at 7.30pm. The menu is as follows:-

Smoked Mackerel Pate; Choice of Tarragon Chicken or Beef with Ginger and Green Peppercorns; Seasonal Vegetables; Choice of Profiteroles with hot chocolate sauce or Tropical Fresh fruit Salad; English Cheese Board; Coffee and Mints; Wine.

The cost is £14.00 per head (£7.00 for children under 12). A vegetarian alternative is available. Numbers are limited and tickets are selling fast, so if you want to be there book now.

After the meal the Kite Society Auction will take place to which both diners and all other kiteflyers are invited. The action should start around 9.00pm but non meal participants can always come early and enjoy the bar!

This year the Auction will not be the marathon it was last year. But we have been promised by Andy King, our M.C. for the evening, that he will be ably "assisted" by Mister Corey Jenson all the way from the U.S. of A., which should help to speed up the proceedings. During this event we will also be holding a number of free draws for various exciting kite prizes. So even if you can't afford items in the auction you might get lucky!

During the evening the silent auction will be running at the close of the evening the highest written bid will receive the item.

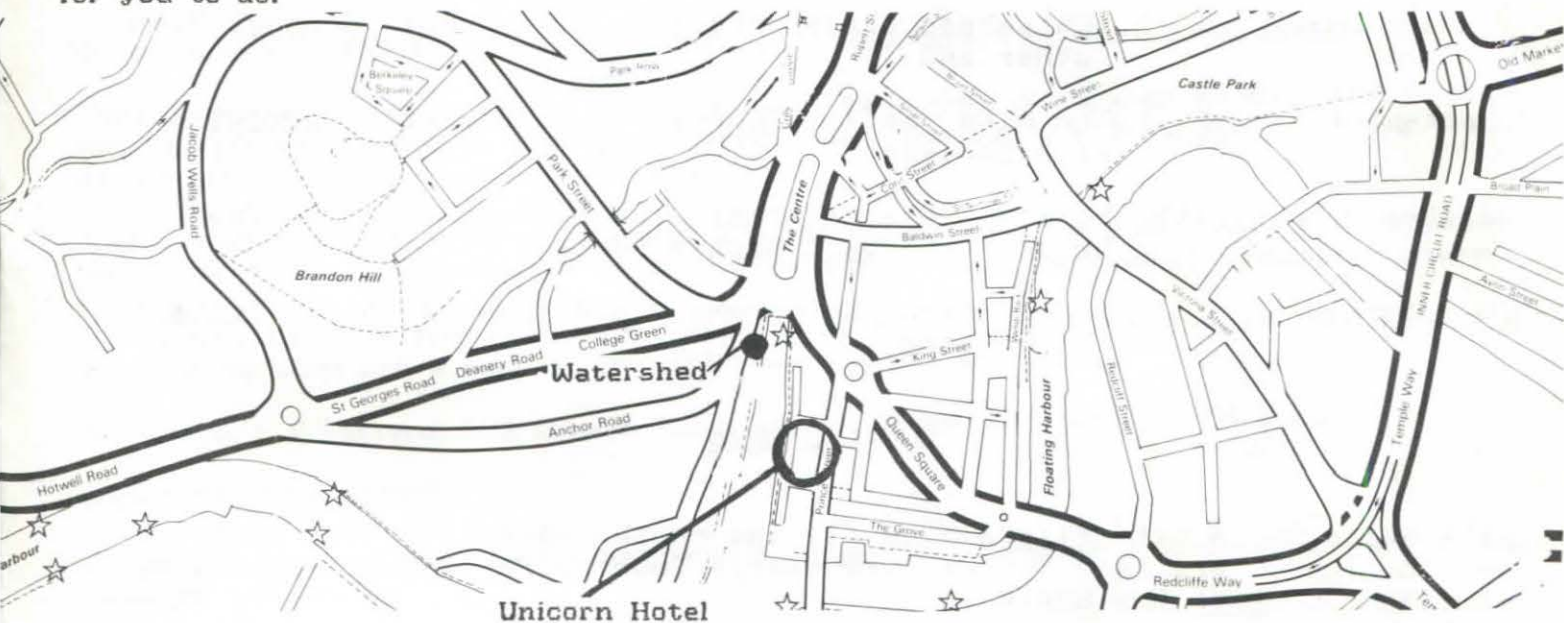
WE DO OF COURSE NEED ITEMS FOR YOU TO BUY - SO IF YOU WANT TO DONATE SOMETHING

KITE SOCIETY CONVENTION 1990

LET US KNOW AS SOON AS POSSIBLE.

It is hoped that once again The Kite Store will generously provide credit card facilities, that will do nicely thank you! and don't forget that 5% of all monies raised will be sent to The British Heart Foundation as a donation in memory of Patrick O'Driscoll.

To help us with all aspects of the convention we are looking for volunteers to assist with the registration of attendees at the lectures/workshops, helping to ensure that the rooms are cleared ready for the next lecture on time, etc. etc. We would also like assistance on the Saturday evening both during and after the auction. We need spotters and general helpers to get the bids and to display the wares of the auction. Obviously there are many more ways in which help can be used - volunteer we will find something for you to do.



Name _____
 Address _____

 Postcode _____
 Telephone _____

ACCOMMODATION

Please send a B&B list in the enclosed S.A.E. _____
 Please send _____ camping passes for the following nights
 I enclose a cheque for _____
 (£ 2.00 per unit, £5.00 for three nights or more)

THE MEAL

Please send me _____ tickets for the meal to be held on Saturday 8th September @ £14.00 each.
 Please send me _____ childrens tickets for the meal @ £7.00 each. (12 years or under).
 I require _____ vegetarian meals.

THE AUCTION

I wish to donate the following item(s) to the auction.

THE LECTURES

Please register places for the following lectures (indicate number required)

Joel Scholz _____	John Barker _____
Jilly Pelham _____	Paul Jobin _____
Tony Slater _____	Adam Sutherland _____
Fred Waterhouse _____	Peter Lynn _____
Jim Rowlands _____	

I will bring them / send them in advance. Please note that items should be received by 25th August.

HELP

I am willing to help during the convention. I will be attending Friday / Saturday. Delete as appropriate.

EVENTS LIST

MAJOR KITE FESTIVALS

- July 27th - 29th Blackheath Stunt Competitions. Blackheath, London. Contact Tony Cartwright.
- August 5th Middle Wallop. Hampshire. Contact Ron Moulton
- August 4th, 5th Glasgow Kite Festival, Glasgow. Contact The Kite Store.
- August 19th Bournemouth International Kite Festival, Hengistbury Head. Contact David Webster.
- August 24th - 26th Gateshead Garden Festival Kite Event. Contact Adam Sutherland.
- September 7th The Kite Society Convention, Bristol. Contact The Kite Society.
- September 8th, 9th Bristol International Kite Festival, Ashton Court, Bristol. Contact Martin Lester.
- October 14th Old Warden Aerodrome, Biggleswade, Beds. Contact Ron Moulton.

LOCAL EVENTS

The White House Kite Fliers have fly-ins on the second Sunday of every month. These are held at Barbury Castle Country Park, Near Wroughton, Swindon. Contact Ron Gunther.

The Great Ouse Kitefliers have a meeting on the following dates:-

- August 12th St Neots Riverside Park. Contact Colin Jackson.
September 2nd Ferry Meadows, Peterborough. Contact Mike Millen.
October 7th St Neots Riverside Park. Contact Colin Jackson.
December 9th Priory Park, Bedford. Contact Bob Piron.

The Chiltern Kite Group have decided to meet on the third Sunday of each month at Alternative flying sites. Maidensgrove, near Henley on Thames - 16th September, 18th November. Pinkneys Green, near Maidenhead - 19th August, 21st October. Contact George Reed.

The Blackheath Kite Association meet on the second Sunday of each month at Blackheath, London. Contact Tony Cartwright.

The Essex Kite Group meet as follows:-

- July 29th Historic Commercial Vehicles Rally, Mayland Road, West Bergholt.
August 12th Wickford Memorial Park.
August 26th/27th Chelmsford Spectacular, Hylands Park.
September 8th Aldham Kite Day, Aldham near Marks Tey, Colchester.
September 30th Great Bentley Green.

EVENTS LIST

Contact Kathleen Pike.

The Nomansland Kite Fliers meet on the fourth Sunday of each month at Nomansland Common, Wheathampstead. Contact Carole Peacock.

The Alcester Kite Fliers meet at the Alcester Rugby Ground on the third Sunday of each month. In addition the following date should be noted.

August 4th Coughton Court, Studley.

Contact Fred Taplin.

Kite North meet on the 1st Sunday of each month at locations around the North of England. Contact Adam Sutherland for location.

The Devon Kitefliers have meetings at Pork Hill, Mid Devon on the following dates:-

July 29th August 12th August 27th September 16th
September 30th October 14th

Contact Les Symons.

The Midland Kitefliers have fly-ins on the first Sunday of each month at Sutton Park. In addition the following events are being held.

August 4th Coughton Court, Alcester.
October 14th One Sky, One World, Sutton Park.

Contact Derek Kuhn.

The Brighton Kite Flyers have flyins on the following dates.

15th July	Hollingbury	29th July	Brighton Race Hill
12th August	Cissbury Ring	26th August	Woodingdean
9th September	Beachy Head	23rd September	Telscombe Tye
7th October	Hollingbury	21st October	Brighton Race Hill
4th November	Highdown	18th November	Beachy Head
2nd December	Telscombe Tye	16th December	Woodingdean
30th December	Ditchling Beacon		

Contact Greg Locke.

Kite Events in Kent.

11th, 12th August Teston Bridge Kite Festival, Teston Bridge Picnic Park, Maidstone.

2nd September Shorne Kite Day, Shornwood Country Park, Gravesend.

Contact Ron Dell.

Others.

July 28th, 29th Kites at Peebles Bear Fair. Contact Paul Carline.

30th July to 1st August Kirkcudbright, Kites, Kids, St Mary's Park,

EVENTS LIST

Kirkcudbright, Scotland. Contact Wilf Proctor.

19th August Kites at Fringe Sunday, Holyrood Park. Contact Paul Carline.

1990 Rokkaku Challenge Events

Heats for the 1990 Rokkaku challenge will take place at the following festivals:

Easter Blackheath	Summer Blackheath	Shrewbury
Washington	Glasgow	Bristol
Manchester	Doncaster	

MAJOR INTERNATIONAL FESTIVALS

September 15th, 16th Dieppe International Kite Festival, France.

September 22nd, 23rd Berlin Kite Festival, West Germany.

August 9th to 11th 1991 Stolln, Near Rhinow, East Germany.

CONTACT DETAILS

Tony Cartwright, 78 Dongola Road, London N17 6EE. 081 808 1280.

Greg Locke, 53 New Road, Shoreham by Sea, Sussex.

Martin Lester, 40 City Road, Bristol BS2 8TX.

Les Symons, 'Ju Les Gla', East Waytown, Goodleigh Road, Snapper, Barnstaple, North Devon.

Ron Gunther, 0793 770784

Bob Piron, 0234 61835.

Malcolm Goodman, 134 Thames Road, Billingham, Cleveland TS22 5EX.

George Reed, 7 Bellwood Rise, High Wycombe, Bucks. HP11 1QH.

Kathleen Pike, 34 Mortimer Road, Rayleigh, Essex.

Fred Taplin, 20 Henley Street, Alcester, Warwickshire.

Adam Sutherland, 20 Durham Place, Birtley, Tyne & Wear.

Ron Moulton, 2 Avenue Rise, Bushey, Watford, Herts. WD2 3AS.

Tony Slater, 128 Meadow Farm Drive, Harlescott, Shrewsbury. SY1 4JY.

The Kite Store, 48 Neal Street, London. 071 836 1666.

Derek Kuhn, 29 Bradbury Road, Solihull, West Midlands, B92 8AE.

Rog Ogden, 41 Ashfield Drive, Clayton Bridge, Manchester M10 6WJ.

Nigel Bence, 8 Laurie Lee Court, Barrs Court, Warmley, Bristol.

David Webster, 16 Brackley Way, Hammonds Green, Totton, Hants, SO4 3HN.

Ron Dell, 2 Garfield Road, Enfield, Middlesex 081 804 9080.

Wilf Proctor, Grange Farm House, Kirkcudbright, DG6 4XG.

Carolyn Rule, Tremain, Meaver, Mullion, Cornwall, TR12 7DN.

L.J.Everaerdt, Didakites, Gistelsesteenweg 586, B-8400 Oostende.

Willem Didier, 600 Bd Diderot, F59240, Dunkerque.

Paul Carline, 11 Cowgateshead, Crassmarket, Edinburgh EH1 1JY.

Carole Peacock, 61 Windmill Avenue, St Albans, Herts AL4 9SJ.

STOP PRESS - August 16th Kite Day. The Island St Ives.
- August 19th Stunt Kite Day. The Island St Ives.
Contact Miranda Phillips, "Coasters", St Andrew
Street, St Ives, Cornwall TR26 1AH.

THE EUROPEAN CUP - Tony Cartwright

Who could win the cup? 27th - 29th July 1990, Blackheath, London.

In the individual competitions we have Maxime Fellion from France, who has taken individual titles in France and Belgium recently. Watch out for Andy King and the God of War who were close on Maxime's heels in Le Touquet. Simo Salanne is flying in especially from Finland to compete in the experienced individual class.

In the team events the Moresby boys fast a daring ballet routine put Organised Chaos in the number one slot at Blackheath Easter. The Aviators win at Le Touquet, plus good performances from the Wicked Allsorts and the Wolkensturmer team and the training the Wreckers are putting in mean the experienced team competitions are looking good.

Team Flashback, from France, winners of the ballet event at Oostduinkerke with their very graceful routine with stacks will be competing, however we have yet to hear from the German team Up Against The Wall who were precision team winners at Oost. The Blitz, with some radical figures took both the open team events at Le Touquet. Watch out for the Decorators and their very skilled flying of Revolution Kites for the team innovation competition. We also await the flying performance of an unknown team from the High Flyers stable The Bermuda Triangle. Also watch out for the entertaining ballet routine from the U.K.'s only all female team the Ballet Tutus.

Another first for this championship is the individual Innovation Competition, what surprises await us. Dave Clements has been observed flying two kites at once connected by a tail, and how many kites will Mark Cottrell be flying.

Subject to the weather, we can guarantee that you will see Stunt Flying of the highest standard in Europe.

We extend an invitation to all kite flyers to come along to Blackheath. There is plenty of room for the single line flyers and you will help give the stunt kites a colourful sky to fly against.

In addition to the European cup the Kite Society of Great Britain National Stunt Kite Champions will be decided based on the European Cup scores.

KITEFLYER COLOUR SUPPLEMENT

Yes - you did read it correctly. Why should the American kite magazines be the only ones with colour photographs?

Send in your colour pictures of kites, preferably transparencies, in 35mm or bigger, or else good colour prints. If there is a big enough response we will print four pages of full colour in the autumn edition.

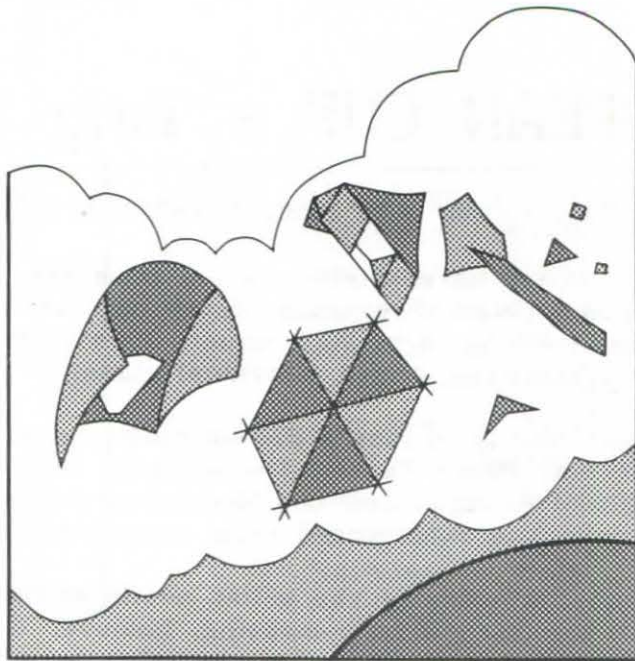
Send a s.a.e. for safe return to:

The Editor
Kite Flyer
31 Grange Road
Ilford
Essex IG1 1EU

Enclose your name and brief details of the kite,
and....

see you on the centre spread!!





Glasgow Kite Festival

Weekend of 4th & 5th August 1990
10am till 4pm

INTERNATIONAL GUEST FLYERS ● SPECIALLY COMMISSIONED SKY BALLET
STUNT KITES ● WORLD KITE RECORD ATTEMPT — BRING YOUR OWN KITE
1990 ROKKAKU CHALLENGE FIGHTING KITES COMPETITION

GLASGOW HIGH RUGBY CLUB
ANNIESLAND CROSS



ADMISSION & PARKING FREE



There are a limited number of free camping spaces on the site which must be pre booked for details contact Sandy Maxwell (Festival Co-ordinator) c/o The Dolphin Arts Centre, 7 James St., Bridgeton, Glasgow G40 1BZ.

Kites for Everyone...

WIND THINGS



Little Kites

Big Kites

Huge Kites

Stunt Kites

Super-fast High-tech Stunt Kites

Custom-made Kites

Frisbees

Flying Birds

Boomerangs

Parachuting Teddy Dare-Bears

...and other things

Scotland's only Kite Shop

11 Cowgatehead, Grassmarket,
Edinburgh EH1 1JY. (031) 220 6336

DIEPPE - SEPTEMBER 1990

This year's Dieppe International Kite Festival, which will be held from the 8th to 16th September, is about to take off with a whole bunch of exciting prospects. The main weekend is over the 15th and 16th September with demonstrations by the International teams during the previous weekend as well as the main weekend.

Teams will be coming from 17 countries including Indonesia, Guatemala, Norway, Thailand, India, Japan, Canada, China, Singapore, Malaya, Albania, Colombia, Hungary, U.S.A., New Zealand and the USSR.

If you are interested in attending the festival then you should fill in the form opposite and return it to us by the 10th August. The Kite Society is co-ordinating all of the U.K. registrations and therefore you should not send the form directly to France.

You can see from the form that accommodation is provided free of charge either in a hostel or camping, please tick the appropriate boxes on the form. If you wish to stay in a hotel then you should arrange this yourself. See the Sealink Short Breaks brochure for Dieppe or contact the Dieppe tourist board.

As in the past the organisers will be able to provide a limited number of ferry tickets. We do not know how many will be available and so early registration is advisable.

SIXTH INTERNATIONAL KITE FESTIVAL

DIEPPE 8th - 16th September 1990

organized by the CAC Jean Renoir, assisted by the Cerf-Volant Club de France, the Club Cervoliste Dieppois and the Fédération Française de Cerf-Volant.

COMPETITION AND FLIGHT DEMONSTRATIONS - 15th & 16th SEPTEMBER ENROLMENT FORM (all kite categories)

We are happy to offer free accomodation on the 15th and a free meal on that same evening to kite fliers, their better half and children, provided this form be completed and forwarded by 10 August 1990. Friends and relatives will be charged, as they arrive in Dieppe, 30 FF for accomodation, 80 FF for the meal.

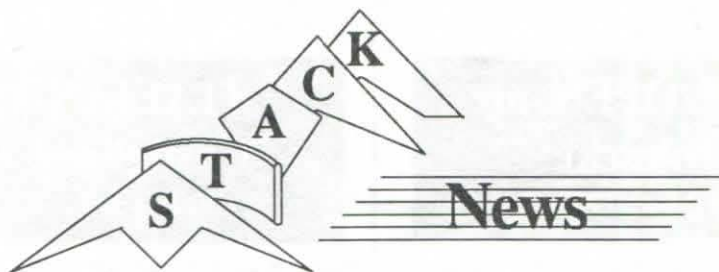
SURNAME FIRST NAME
ADDRESS
.....
CLUB (name and address)
.....

			Saturday dinner
shall come with - better half	yes <input type="checkbox"/>	no <input type="checkbox"/>	X ...
- children	X ...		X ...
- friends or relatives	X ...		X ...
wishes to stay in - collective hostel room (1)			X ...
- campsite			X ...
- hotel (at your own expense) (2)			X ...

(1) As the hostels offer a limited number of beds, bookings will be taken into consideration according to their date of arrival.

(2) The organizers do not deal with hotel bookings. Dieppe Tourist Office phone number is : 35-84-11-77.

Please forward to The Kite Society of Great Britain,
31 Grange Road, Ilford, Essex IG1 1EU.



Still places for the European Cup

FINAL preparations are being made for the first European Cup to be held in Blackheath, London from July 27-29.

There are still places left in both open and experienced classes — innovation, ballet and precision for team and individual flyers.

Entry fees have been reduced to £10 covering entry only (£6 for Juniors — under 16s). Tee shirts, the banquet and lunch are separate — £8, £15 and £8 respectively. Anyone interested in the whole package can avail of a special price of £35. Each member of a team must enter separately. Contact Tony Cartwright for Entry

forms.

Robbie Sugarman, America's most experience judge, will head up the judging team. If you are interesting in joining the judging team then contact Paul Jobin for the briefing pack and video.

Three classes of accommodation will be available through STACK: a four star hotel in Greenwich village, Bed and Breakfast or crashing on someone's floor. Contact Romney Johnstone, European Cup Accomodation organiser on (01) 675 5276 if you've any spare floor space or if you want to book a room.

STOP PRESS: Who wants to join the Aviators Team, based in North-East London. Contact: Glendon "Yogi" Simpson: 081-808-4279
Bumper STACK News issue about to hit the streets. Join STACK now to get your copy.

EVENT NEWS

• The all female Hawaiian Delights team will be attending the Washington Tyne & Wear festival on the 7th & 8th July. As will last years clear winners the Top of the Line Team from San Diego. This event promises some great competition with The Blitz, The Decorators, Team Flash Back and The Dyke Hoppers also attending.

- Later this year Top of the Line will be returning to Europe to compete at Bristol, Dieppe and Berlin.

• The venue for the second Swiss stunt kite competition is now Lenzerheide, Valbella on August 11 and 12. Contact René Kung, Swiss national director.

• Ostend will be hosting a stunt kite competition under AKA/STACK rules now on July 7 and 8 and not July 14 and 15 as previously published.

• September 22 and 23 are the dates for the Berlin

team competition. Contact: Mark Heitmann in Berlin.

• Invitations for the Bristol Open will be issued shortly to ten teams and fifteen individuals.

• The AKA/STACK rule book are available for \$3 dollars (about £2) plus postage and packing STACK associated retail outlets and national and regional directors. For local dialect versions contact your local director.

- Planning has already begun by some event organisers for next years events. STACK will be compiling and publishing a list of events so make sure you send in your events dates for inclusion.

- JUDGES, FIELD CREW and SCORE KEEPERS are required for the European Cup. If you want to volunteer your time and get the best seats at the event then contact Tony Cartwright.

S.T.A.C.K. COMMITTEE

President Paul Jobin
115 Tottenham Road, London N1 4EA
Tel: 081-332-1399

Chairman Tony Cartwright
78 Dongola Road, London N17 6EE.
Tel: 081-808 1280

Secretary Romney Johnstone, 19A Balham High Rd, London SW12 9AL,
Tel: 081-675 5276

S.T.A.C.K. Contacts

Treasurer Johnny Claffey
7 Bellgate Mews, York Rise, London NW5
Tel: 071-482 7244

Event Coordinator
Andy King, The Kite Store, 48 Neal St. London WC2.
Tel: 071-836 1666
Cambridge PE17 5QQ

REGIONAL DIRECTORS

South West UK
David Fox,
57 Alma Street, Tauton, Somerset TA1 3AL.
Tel: 0823 282546

Central UK
Mike Millen,
7 Elm Way, Sawtry,

South East UK
Jacob Twyford,
47 Linnell Rd, London SE1,
Tel (01) 701 8242

OR

Viv Walters,
c/o The Kite Store, 48 Neal St. London Wc2. Tel 01 836 1666

Northern UK
Adam Sutherland,
20 Durham Place, Barley Mow, Birtley, Tyne & wear. Tel: (091) 416 6440

Scotland
Gary Clarke,
3 Eastside Ave, West Hill, Aberdeen AB3 6QQ
tel: (0224) 741220

Bristol UK League
Neil Young,
Tel: (0272) 635118

**BELGUIM OPEN at
Oostduinkerke
19th - 20th May, 1990**

Open Team Precision

1st	Up Against The Wall (GDR)	74.9
2nd	The Blitz (GB)	71.4
3rd	Team Flash Back (F)	73
4th	The Decorators (GB)	66.7
5th	The Dyke Hoppers (NL)	36.3

Open Team Ballet

1st	Team Flash Back (F)	83
2nd	The Blitz (GB)	81
3rd	Up Against the Wall (GDR)	76
4th	The Dyke Hoppers (NL)	63
5th	The Decorators (GB)	61
6th	Ballet Tutus (GB)	60
7th	The Mad Monks (EU)	47

**FRENCH OPEN at
Le Touquet
9th & 10th June.**

Open Team Precision

1st	The Blitz, England
2nd	The Decorators, England
3rd	Team Flash Back, France
4th	The Wicked Alsorts, England

Open Team Ballet

1st	The Blitz, England
2nd	Team Flash Back, France.
3rd	The Decorators, England
4th	The Wicked Alsorts, England

Experienced Team Precision

1st	The Aviators, England
2nd	Team Wolkenstrumer, W.Germany

Experienced Team Ballet

1st	The Aviators, England
-----	-----------------------

**ITALIAN OPEN at
Castiglione del Lago
30th April - 1st May, 1990**

Open Team Precision

1st	High Performance (USA)	94.4
2nd	The Blitz (GB)	77.4
3rd	Up Against The Wall (GDR)	64.1
4th	Dyke Hoppers (NL)	50.6

Experienced Team Precision

1st	Team Flash Back (F)	75.8
2nd	Vulandra (I)	70.6

Open Team Ballet

1st	High Performance (USA)	85.4
2nd	The Blitz (GB)	75.8
3rd	Team Flash Back (F)	69.5
4th	Segre Fly (I)	66.4
5th	Dyke Hoppers (NL)	64.6

Open Individual Ballet

1st	Scott Augenbaugh (USA)	98
2nd	Brian Hirose (USA)	85.6
3rd	Tony Cartwright (GB)	83
4th	Alan Nagao (USA)	82.3
5th	Andy King (GB)	77.6
6th	Sarah Kent (GB)	68
7th	Raoul Fosset (B)	63
8th	Jim Segre (I)	57.6

Experienced Individual Ballet

1st	Maxime Fellion (F)	93.3
2nd	Denis Pierrot (F)	76
3rd	Julian Wolf-Patrick (F)	70.3
4th	Jean-Marc Coquerell (F)	69.3
5th	Kai Blattert (GDR)	65
6th	Gerard Clement (F)	64.6
6th	Werner Siebenberg (GDR)	64.6
8th	Bertram Rosier (F)	58.6
9th	Taner Lifran (F)	50.6
10th	Thiery Helaine (F)	49.6
11th	Reudet (F)	43.3
12th	Jean Michel Videau (F)	35



MFEXTRA

MIDLANDS KITE FLIERS NEWS

29 BRADBURY ROAD, SOLIHULL, WEST MIDLANDS, B92 8AE.



RIP STOP NYLON

If there is one thing which has revolutionised kite design and construction in the past twenty years it is the wider use and availability of Rip Stop Nylon. It is light, strong, flexible, non porous and available in a wide range of colours - everything the kitemaker could ask for. But what exactly is rip stop; what is it which gives it these special qualities ?

RIP STOP MANUFACTURE

The term 'rip stop' does not, as many people believe, apply to the particular yarn used in the manufacture. There is no such thing, for example, as rip stop thread or yarn. 'Rip stop' actually applies to the type of weave used to make up the fabric. A rip stop weave involves the use of two different yarns: a narrow diameter lightweight yarn and a larger diameter much stronger yarn. The lighter yarns are woven in a plain weave with the stronger yarn inserted at regular intervals in both the weft - across the roll and warp - along the roll, directions to produce the box pattern. Fig 1. The resulting fabric therefore has the weight equivalent to that of the lighter yarn, but the strength equivalent of the larger yarn.

Any light tear will consequently stop as it reaches the stronger yarn - hence the name rip stop. But as many kitemakers have come to find out the name 'rip stop' does not mean that it will not tear at all !

After weaving the fabric undergoes two or possibly three further processes which determine the final finish and application. Firstly it is dyed to provide the range of colours and then calendered - that is rolled under heat and high pressure which has the effect of flattening the yarns and closing up the spaces between them. Fig 2. Calendering also gives the surface a slight sheen or polish.

Finally it is coated with a resin, usually polyurethane, to reduce permeability further,

and fix the shape of the yarns. This fixing of the yarns is very important in determining the final application. For some applications the fabric is

fig. 1

A Rip Stop Weave

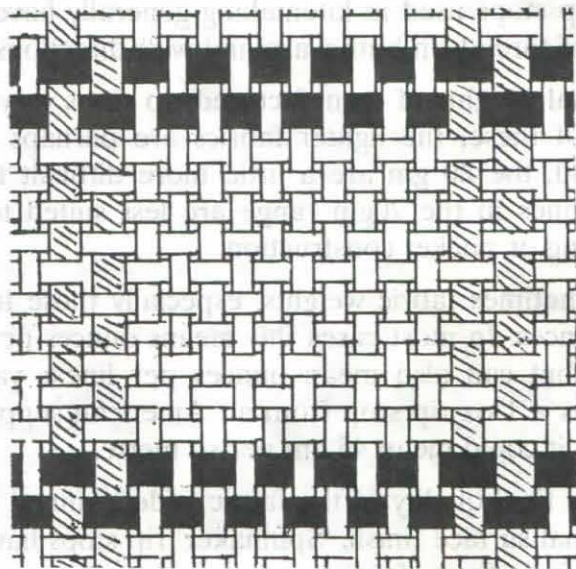


fig. 2

Woven Fabric



Calendered Fabric





MFEXTRA

MIDLANDS KITE FLIERS NEWS
29 BRADBURY ROAD, SOLIHULL, WEST MIDLANDS, B92 8AE.



required to yield under tension, clothing for example as the wearer moves around. In these cases the yarns need to be able to move and slide across each other, which calls for a lighter, softer coating. Other applications such as yacht sails require the yarns to be held more firmly, demanding a harder coating which produces a much stiffer fabric.

RIP STOP GRADES

Rip stop is manufactured in a range of weights and grades according to the intended application.

Firstly the weight of the fabric, always quoted as the uncoated weight, is determined by both the weight of the yarns and how tightly they are woven.

Yarns are no longer described in terms of 'denier', the old fashioned imperial measurement, but in terms of 'tex', the weight of a 1 kilometre length. When referring to very light yarns it is however more usual to use the decitex value: that is the weight of a 10 kilometre length. Typical decitex values for rip stop yarns are 30 - 80.

The density of weave is described as the number of yarns per cm (or inch): the picks - number of yarns in the weft direction and ends - the number of yarns in the warp direction. Those rip stops used in kitemaking generally have a balanced weave - that is have the same density of threads in both warp and weft directions - of approximately 50 yarns per cm.

Final weights of manufactured rip stops vary enormously from 20 gm to 100 gm per sq metre. Of these, the lighter fabrics are perhaps the more suitable for kitemaking. At the lower end, the 20 gm are a little more difficult to work and feel very papery whereas the heavier ones in the 70gm range are less suited to sail construction but are very useful for reinforcing or pocket construction.

Sometimes fabric weights, especially those from United States, are quoted in imperial units, ounces. In most cases this means ounces per square yard, (1 square yard = .8 square metres) but can also mean ounces per linear yard for a 28.5 inch roll width. Something quoted as a 1 oz rip stop from an American supplier for example could mean 35 gm per sq metre or it could mean 45 gm per sq metre.

The final quality of the fabric is determined not so much by the yarn or the weave but by the final surface finish. 'Spinnaker' rip stops have a coating which dries very hard, giving it a crisp feel. Such fabrics are, as the name suggests, manufactured especially for the construction of spinnaker yacht sails. The coatings on balloon rip stops, and more especially those intended for clothing, are however much softer, providing for easier working but unfortunately for the kitemaker also increase the tendency to stretch.

There are two major manufacturers of Rip Stop Nylon in Britain. Carringtons of Dewsbury and Haywards of Tiverton in Devon. Both produce a full range of fabrics in a good range of colours. If your supplier can obtain it the N1048 42gm fabric from Carringtons is highly recommended.

More about selecting rip stop, looking for faults, cutting out and sewing in later articles.

Jim Rowlands

Midlands Kite Fliers

June, 1990.



MIDLANDS KITE FLIERS EVENT REPORT

29 BRADBURY ROAD, SOLIHULL, WEST MIDLANDS, B92 8AE



Oostduinkerke to Fly a Kite

19th & 20th May, 1990.

I'm always amazed at the lengths people will go to fulfil a passion. Indeed, had anyone said 12 months ago I'd be travelling to Belgium to fly a kite, I'd have suspected them of being in the wind too long! However, here we were, Don Eccleston, Derek Kuhn, Bob Ansell, myself and those flying things crammed into the super deluxe custom 1400 Escort on our way to Oostduinkerke (What Style!)

Ramsgate departure 7:30pm - we've arrived at 6:30pm - time for a fly. Derek nonchalantly launches his workshop sled (he's so cool!), I put my Benson Delta Stack into the air, Bob adjusts his shades (even cooler!) and Don shoots half a roll of camera film. After letting 300ft of line out (bringing my kite to 59.99 metres high officer) we hear over the intercom that anyone who hasn't yet boarded the ferry was late! Good job the line was on a big spool.

My maiden voyage was smooth, I'd checked out the life jackets etc. and decided the Grolsch was a good companion to sail with! More refreshments later on ended the day nicely ready for tomorrow's early start.

Down to the flying site "What a beach!" "This place is perfect" "Gimme a kite - I wanna fly!" Now there's no way I could describe half the kites in the air (because I know nothing). I had personally travelled to the festival to see stunt kites, but I will always remember this event as the one that made me want a decent single line creation. Oriental, ultra-large deltas, box types, birds, Codys, circular, you name it - it must have been there. I particularly enjoyed André Cassagne's circular kites, the rotor kites and those multi-storey drogues and windsocks, the deck of cards and Patrick's Humming Bird accompanied by the Flower - great idea. Star of the show for me was Rolf Sturm with "Snoopy's Dream", "Batman" and other inflatable stunt kites. The night flying was really entertaining, dog-fights with smoke and fire emitting from the rear of the great Snoopy Machine.



MIDLANDS KITE FLIERS EVENT REPORT

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Derek and Don were determined to fly all of the thirty kites they'd brought. Bob and I flew his Rainbow Stack, I went skiing down the beach with the flexis. People were sailing past me on sledges and three-wheeled vehicles, all kite-powered of course. In fact, you never knew where to look next!

That uneasiness sets in as the weekend is coming to a close. We'd seen, flown, repaired, talked about kites, had perfect weather, delicious food and drink, and met a lot of good people: not a bad weekend at all.

And so it was homeward bound, we were assuming the flying was over -

BUT WAIT - yet another opportunity - the large Terminal Tarmac Expanse and a chance to entertain a captive audience on how not to fly a kite. Everyone's really impressed with Bob's Harlequin stunter, my skilful Lamppost Wraps and Don's badge-covered jacket, when Derek upstages us all by sending his kite back over the water by itself! Anything for a round of applause! Anyone got a book of knots?



Monday, and I'm back at work, down on the ground with a bump. "Do anything this weekend, John?" asks a colleague. "Yes - Oostduinkerke to fly a kite."

I don't think he believed me.

John Eaton
Midlands Kite Fliers.

June, 1990.



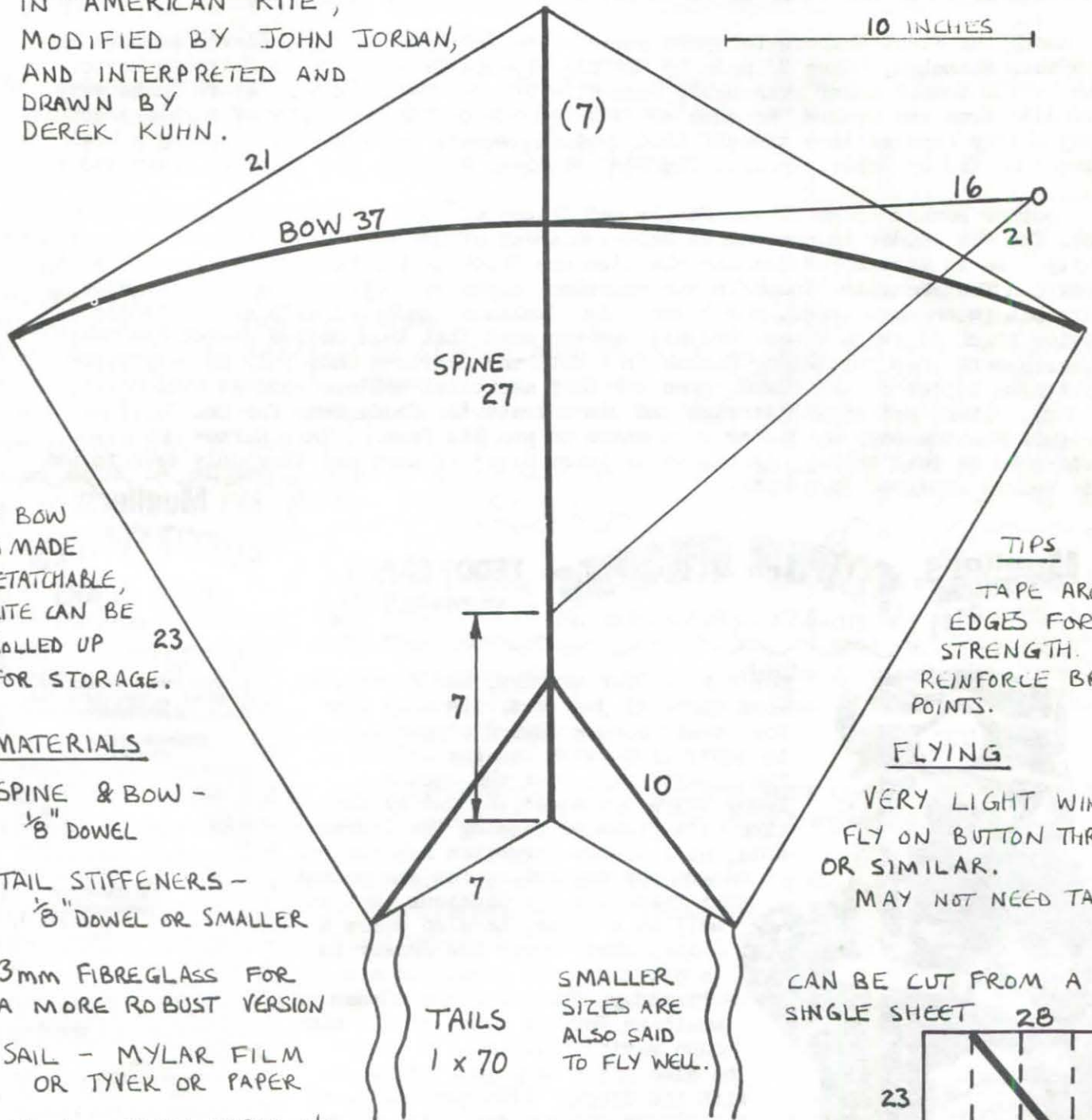
MIDLANDS KITE FLIERS P L A N S

29 BRADBURY ROAD, SOLIHULL, WEST MIDLANDS, B92 8AE



The Desperato Kite

FROM A PLAN BY LELAND TOY
IN "AMERICAN KITE",
MODIFIED BY JOHN JORDAN,
AND INTERPRETED AND
DRAWN BY
DEREK KUHN.



IF BOW
IS MADE
DETACHABLE,
KITE CAN BE
ROLLED UP 23
FOR STORAGE.

MATERIALS

SPINE & BOW -
 $\frac{1}{8}$ " DOWEL

TAIL STIFFENERS -
 $\frac{1}{8}$ " DOWEL OR SMALLER

3mm FIBREGLASS FOR
A MORE ROBUST VERSION

SAIL - MYLAR FILM
OR TYVEK OR PAPER

TAILS - CREPE PAPER etc.

TIPS

TAPE AROUND
EDGES FOR
STRENGTH.
REINFORCE BRIDLE
POINTS.

FLYING

VERY LIGHT WIND.
FLY ON BOTTOM THREAD
OR SIMILAR.
MAY NOT NEED TAILS.

CAN BE CUT FROM A
SINGLE SHEET 28



SMALLER
SIZES ARE
ALSO SAID
TO FLY WELL.

ROMAN SANDLES 17.

HERE I AM CABBAGE FANS

FOR ALL PARA FAUNA AND DAFT DROPNIKS USING RUBBER TAPE MEASURES

The Journal of the Bearly Made It Skydive Squad, The International Brotherhood of Parachuting Fauna, U.K. Ted Devils, Cabbage, Ozone and Daft Dropnik Friendly.....

Eee, Bah, Ecking Thump, our Kid. When Dropnik Vic does something, he certainly does'nt do it by Halves. When he sells you something, you can be sure that you do get your full Moneys worth. 1990 looks like being the Year of the Eleven Ft. Cargo Chute. Thats right, when Dropnik Vic said they were 8Ft. in Diameter, he was in Deep Sh.... Trouble, whilst useing his Rubber Tape Measure. The upshot of all this is that you get 22Ft of Cargo Chute for your Dosh.

These chutes give an amazing Descent, very spectacular and Graceful, with lots of Downwind Drift if the Fauna is lightish, but not too much if its like Vics Big Bear.

Among the First Members to sport one of the IRVIN AIR CHUTES, Eleven Footers is a 3ft6in Mannekin, (Name ?) made by Dropnik Richard Everett of the Chipping Norton Mob (BMISS Member under reasonable Facsimile of) The Mannikin when aloft looks very lifelike from the Ground, so much so, that on one occasion a Party of Ramblers got very Shirty because they thought that Dropnik Everett was actually dropping a real live Hume Kid by Parachute..... The Mind Boggles. What are you like Pal Ravin Mad ?

Another Member to go Eleven Ft, is Red Dragon, of Dropnik Charles Hamptons Harrow Mob. The Mob Leader is one Hamish McTavish, a Bear of Scottish extraction who sports a Natty Line in Tartan Weskits and who also has Fouch in his Backside to carry his Log Book and Testimonials. Fouch in the Backside? maybe he thinks he's a Jock Kangaroo with his pouch down under, who knows. Also Hamish is equipped with an Electronic Device which plays 24 Tunes. Dropnik Hampton said that this device caused him Mega Embarrasment when purchasing Hamish in a Motorway Services Shop full of City Types clutching copies of the TIMES, when the Shop assistant Hollered out at full blast, 'Hey, Peter, get some Batteries and demonstrate the Teddy Bear for the Gentleman'. Dropnik Hampton says he did'nt know where to put his Face. This Harrow Mob also appear to be real Thifty, as theres at least Eight of them and they only seem to use one Velcro Equipped Parachute.

Mueller's SUPER SHAPES **TEDDY BEARS**
 GROCERY 79¢ ENRICHED MACARONI PRODUCT NO PARACHUTES



REASONABLE FACIMILE OF THEO

Don't fret Dear Members, the Yanks aint gorn Cannibal just yet. Its only some Nosh that Teodore Edward O'Bear likes to Scoff along with Lasagne and Chips. Theo, left, says that the Macaroni Teddy Bears are more'ish, but by the time he's finished reading the ingredients, he's almost forgotten he's hungry. We are not suggesting for one moment that Theo is a bit Cautious, but as well as a Chute, he also wears a Lifejacket. Maybe New Jersey is a bit damp, who knows? On his Birthday, Theo received a Green Sweatband for his Bonce with a nice Badge saying "KISS ME, I'M IRISH" he also got a Sexy pair of Shorts with the Slogan "KISS MY", no Leroy the Slogan did not say 'Kiss my Ass, I've got the Guv'ners Job at Last, it actually read "KISS MY BLARNEY STONE", and we have a Photo to prove it

Mueller's
SUPER SHAPES
TEDDY BEARS
 ENRICHED MACARONI PRODUCT

INGREDIENTS: DURUM WHEAT SEMOLINA, FARINA.
ENRICHED WITH: B VITAMINS (NIACIN, THIAMINE MONONITRATE, RIBOFLAVIN) AND IRON (FERROUS SULFATE).

NUTRITION INFORMATION
 PER SERVING
 SERVING SIZE: 2 OUNCES (57 GRAMS) DRY
 SERVINGS PER PACKAGE: (11.5 OUNCES): 5.7
 CALORIES 210
 PROTEIN 7 GRAMS
 CARBOHYDRATE 42 GRAMS
 FAT 1 GRAM
 CHOLESTEROL* 0 MG (0 MG/100 G)
 SODIUM 0 MILLIGRAMS**

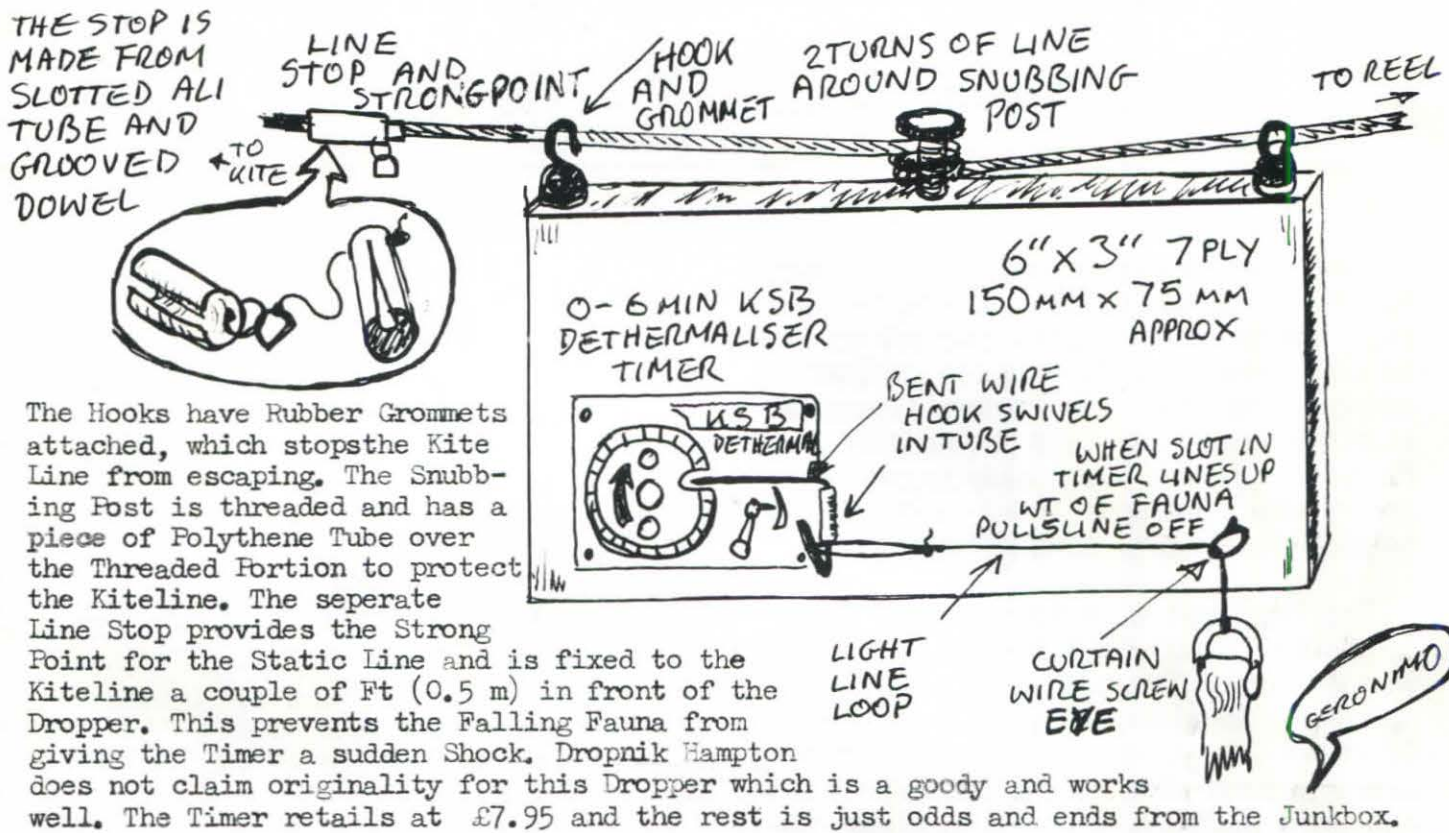
% OF U.S. RECOMMENDED DAILY ALLOWANCES (U.S. RDA)	
PROTEIN	10
VITAMIN A	...
VITAMIN C	...
THIAMINE	35
RIBOFLAVIN	15
NIACIN	15
CALCIUM	...
IRON	10

*INFORMATION ON CHOLESTEROL CONTENT IS PROVIDED FOR INDIVIDUALS WHO, ON THE ADVICE OF A PHYSICIAN, ARE MODIFYING THEIR TOTAL DIETARY INTAKE OF CHOLESTEROL.
 **WITHOUT ADDED SALT DURING COOKING.
 ***CONTAINS LESS THAN 2 PERCENT OF THE U.S. RDA FOR THESE NUTRIENTS.

BEST FOODS, CPC INTERNATIONAL INC.
 GENERAL OFFICES
 ENGLEWOOD CLIFFS, NJ 07632



O.K. your Fauna is Repacked and ready to Drop once again, but you're a bit browned off with the Hit or Miss Pipecleaner, What do you do now? what you do know is get yourself down to the nearest Model or Hobby Shop and Cadge, Weedle, Furlain or, if you are feeling a bit Radical, simply purchase a Rip Max KSB 0 - 6 min Dethermaliser Timer, which is the Basis of this neat Dropper from Dropnik Hampton of Harrow.



Dropnik Slater writes to inform us of what the Shropshire Mob were up to at the Doncaster Festival where one of the Attractions was the Army Parachute Team who dropped in from time to time. Sensing that anything the Army can do, the BMISS can do better the Shropshire Mob put on a Display of Parachuting which brought the House down.

The vast Mob of Kids present said they preferred the Bears to the Army 'cos Army Sergeants wer'nt as cuddly as the Bears and besides, the Bears did'nt get Shirty when they were Stroked, Gordon Bennett, yoo wot,

Our Member "Bluebottle" who owns Dropnik Billings, at the same Festival went and was Introduced to the Army Para Team, who Autographed his Chute. Surely they should have let "Bluebottle" Autograph their Chutes, anyway it seems to have done some good as providing Steve stuffs Bluebottles Rag O.K. it opens correctly.

You may remember that in the last issue of R.C. we hoped to do a Road Test on what we Termed the Worlds First Commercial Para Bear Kit by Greens of Burnly. However we were informed by Dropnik Carline of Wind Things that his Para Bear Kit was on Sale First. O.K. our proposed Road Test of the Worlds Second Commercial Para Bear Kit will have to be held over to a Future Issue of R.C. We have the Kit and it looks good, but as it took 12 weeks to arrive, we have'nt had time to test it before this issues Deadline. So if you want a Greens Parabear Kit for Christmas, drop a hint to Santa now, and with luck you should get one, by Christmas 1991, this is on account of the fact that Sarah does'nt Post her Bears, nope she tells them that they have to walk, which is a bit of a Bleeder when you're only 10 inches tall and you have to drag a chute and ferry behind you. Our Bear who is as yet nameless said that he did'nt realise that the Teddytorial was South of Burnley and he only sussed it out when he saw a sign saying Welcome to Bonny Scotland. He also said that Shankses Pony up the Northbound Hard Shoulder of the M6 is a bit Dodgy as well. We'll believe him, Fousands Would'nt. CHEERS, fred 🐻

There now follows the usual plea for News, Views etc, etc, to the BMISS Teddytorial, c/o The Boring Old Fart. aka The Cardboard Cutout. 48. Laurel Lane. West Drayton. Middx. UB7.7TY. U.K. ©BMISS/IBPF/UKTD 90

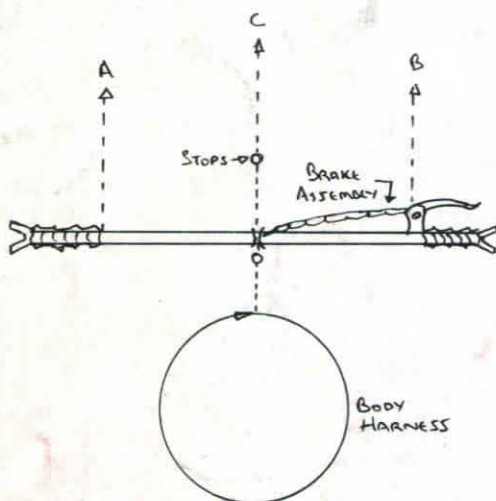
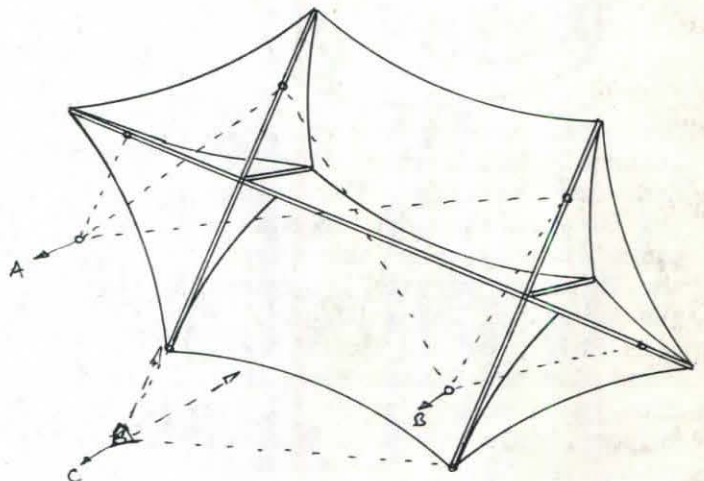
Advance Preview

Two lines too boring ?, Quad line too much ! Have we a kite for you !!!!!

Trevor Solution Tri-Line Kite

A new, totally integrated way of flying kites, the Trevor Solution Triline kite is the first stunt kite to offer full pitch and roll control on only three lines. By retaining the normal left/right control movements used in everyday stunt flying and moving the pitch control onto the third line pilots find it easy to convert to the Trevor Solution Triline without the hassles of other pitch controllable stunters.

The kite itself is a sophisticated, reflex cambered, formed wing, framed in graphite with the unique Trevor Solution pitch demultiplexing bridle system. Folding to a compact 82cm the Trevor Solution Triline kite will be available soon from the Old Tom Kite Co, a name well respected amongst the cognoscenti for their innovative and imaginative kite concepts and products.



At the ground end the Trevor Solution Triline kite is flown from the ingenious control mixing Triline control bar. By pushing or pulling on the bar while manipulating the pitch release trigger it is possible to change the pitch position of the kite. By twisting the bar side to side (a la Flexifoil) it is possible to steer the kite.

A further advantage of this system is that in strong winds your entire body weight is communicated directly to the kite thus allowing you to rest your arms. It is also possible to use the Trevor Solution Triline control bar with normal two line stunters and use the third line to release Teddy Bears, flour bombs, take photos or whatever other function you can devise for the third line.

This, and other ghostly apparitions, unavailable from
The Kite Store Ltd, 48 Neal Street, London WC2H 9PA Tel; 01-836 1666 (071 soon).