

SKY SDIVER MAGAZINE

25¢



AUGUST, 1961

Dedicated to the Development and Safety of Sport Parachuting

MIDWEST PARACHUTE SALES & SERVICE

46901 Grand River, Novi, Michigan

LOWER PRICES — SKY DIVING SETS — BRAND NEW SURPLUS — SATISFACTION GUARANTEED
All Chutes Modified in our Modern F.A.A. Licensed Loft under special F.A.A. CANOPY,
CONTAINER and HARNESS LICENSES and TSO-C23 APPROVED and STAMPED.

SPECIAL — WORLD CHAMP SET — COMPLETE — 24' & 28' \$110.00

WORLD'S CHAMPION SKY DIVING SET — DOUBLE T-GORE — SLEEVE DEPLOYED — BRAND NEW SURPLUS, COMPLETE — with 28' BACK, Orange and White Canopy, Spiral Pilot, Colored Sleeve with center attached retainer line, Nylon Form Fitting Back Container, Nylon Capewell Harness, Nylon foam back pad, and a 24' T-7-A Chest Reserve Chute with Quick Fit Snaps and Reserve Tie Down Belt . . .

This set has split second turns, cross wind steering, 10-12 mph forward speed and can "HIT THE SPOT." A \$150.00 value. **OUR SPECIAL PRICE: \$110.00.**

WORLD'S COMPETITION SET — SINGLE T-GORE or DOUBLE BLANK GORE, Brand New Surplus. Complete Set, same as the above except for Modified Gore.

"A REAL HUMDINGER for Competition" \$100.00

WORLDS SPORT SET — BLANK GORE, Brand New Surplus \$90.00

Complete set, same as above set except for Modified Gore.

32' B-4 Back — T-GORE — Sleeve — Dual Purpose \$100.00

28' Backs — B-4 Type — COMPLETE WITH MODIFIED GORE:

| | | | | |
|--------------------------|-------------------------|---------|------------------|---------|
| COLORED CANOPIES: | Single T-Gore | \$75.00 | Blank Gore | \$70.00 |
| \$5.00/extra | Double T-Gore | \$85.00 | T-U Gore | \$90.00 |
| | Double Blank Gore | \$75.00 | | |

24' T-7-A Reserve Chute, Brand New Surplus \$25.00

TSO-C23 Approved.

Fresh Packed.

COMING EVENTS

September 2 & 3: Third Annual Far Western Sport Parachute Meet. For information contact the California Parachute Club, Par Martin--Publicity Dir.--P.O. Box 1065, Livermore, California.

September 2, 3, & 4: Third Annual National Labor Day Parachute Meet, to be held at the Parachuting Center of Houston, Texas. Contact Ed Fitch, P.O. Box 15271, Houston, Texas, for further information.

September 2, 3, & 4: Third Annual Labor Day Meet. Sponsored by the Ka-Mo Sport Jumpers. Contact Barbara Garrison, Secretary, Ka-Mo Sport Jumpers, 324 Cambridge, Kansas City 3, Kansas, for further information.

September 9: Asberry Park Sport Parachute Club Meet, Asberry Park Airport. For information concerning these meets contact--Fritz Muller, 740 Abington Ave.,

September 9: South Jersey Sky Divers Meet Aero Haven Airport, Berlin, N.J. MEPA Sanctioned
GLENSIDE, PENNA.

Carribean Cup Meet in Puerto Rico temporarily discontinued.

October 6 & 7: Taft Second Open Meet. Taft, California, Hosted by the Taft School of Sport Parachuting, Sponsored by the Taft Chamber of Commerce. 3 events including a team jump for baton passing.

Interested parties contact;

Don Molitor
7426 McLennan
Van Nuys, California.

August 1962: 6th World Sport Parachute Championships. Orange Mass. For further information contact: Mass. Sport Parachuting Commission, Box 1962, Orange, Mass.

ANY OTHER MEETS SCHEDULED???

COVER PICTURE:

Thomas M. Kirtley D 29, making his 262 jump from a Cessna 182 over Bowman Field, Louisville, Ky. Picture was taken by Gene Baron, a news photographer for the Courier Journal Louisville Times. The picture has won a first prize in a National Photo Contest.

IS YOUR ALTIMETER PROPERLY CALIBRATED?

ALTIMETERS CHUTE PACK TYPE SOLD TO SKY DIVERS EVERYWHERE
New government surplus price \$9.75 each, cheque with order. 3/4" in diameter and only 1/4" thick.
SABRE INDUSTRIES LTD.
St. James, Manitoba, Canada

•
HELP DEVELOP OUR SPORT
•
Subscribe Now!
•

SKY DIVER

MAGAZINE

P. O. Box 44
Buena Park, California
Lawrence 1-3169

Dedicated to
THE DEVELOPMENT AND SAFETY OF
SPORT PARACHUTING

Second Class Postage Paid at Buena Park, California

Copyright 1961 by Sky Diver Magazine



Editor

LYLE H. CAMERON



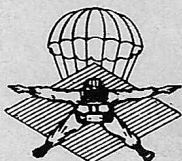
Advertising Manager

BOB BUCKNER



Circulation Manager

JOANNE KEW



A
PARACHUTE



ENTERPRISE



CONTENTS

- 7 U.S. ARMY PARACHUTE TEAM BEATS THE RUSSIANS
- 8 F.F.A. HEAD URGES SKYDIVING RULES REVAMPED
- 9 THE CHUTE THAT GOES UP Lew Sanborn
- 9 MARINE RE-UPS DOWN FT. Campbell Info Center
- 10 CAMERA IN THE AIR Robert H. Buckner Jr.
- 12 COL. GRIEVES GROWLS Col. William P. Grieves
- 13 VALLEY SKYDIVERS ANNUAL MEET Marilyn McCrea
- 16 JUMPING THE HUSKIE Ken Sisler
- 18 CROSSWORD PUZZLE ANSWER Jumpmasters

DEPARTMENTS

- | | | | |
|----|-----------------|----|-----------------------|
| 16 | CERTIFIED LOFTS | 15 | NEW PRODUCTS |
| 16 | CLASSIFIED | 15 | PARACHUTE PERSONALITY |
| 16 | CLUB ACTIVITIES | 14 | POETRY |
| 2 | COMING EVENTS | 14 | PRESS RELEASES |
| 6 | EDITORIAL | 14 | ROAMIN RIGGER |
| 4 | LETTERS | 18 | RECORDS |

FOREIGN SUBSCRIPTION REPRESENTATIVES

Peter F. Hobson
344 Topsham Road, Countess Wear
Exeter, England

Technical Book & Magazine Co.
259-299 Swanston Street
Melbourne, Vic., Australia

Gordon & Gotch (A'Asia) Limited
821 Botany Road
Rosebery, N.S.W., Australia

Gordon & Gotch (N.Z.) Limited
30-36 Waring Taylor Street
Wellington, New Zealand

Closing Date for all copy is Forty (40) days prior to date of publication.

Subscribers wishing to make change of address must furnish both new and old address.

Advertising Rates are furnished upon request, please identify company and product with request for rates. Club Reports are submitted bi-monthly by club publicity representative, one typewritten page, double spaced.

SKY DIVER is published each month for skydiving enthusiasts to create a further interest in skydiving; to aid and advance skydiving safety and methods and to provide an advertising medium for manufacturers, distributors and dealers of skydiving products. All manuscripts, photography and materials are submitted free and released for publication, becoming the property of SKY DIVER MAGAZINE, unless previous copyrights exist. Authors and photographers should clearly mark all material submitted for publication so that credit may be given. The publishers do not necessarily agree with, nor stand responsible for opinions expressed or implied by others than themselves.

This publication does not warrant, stand behind or guarantee any of the representations included in any or all of the advertisements as published herein.

U. S. Postal Zones and Canada, \$3.00 one year; \$5.00 two years; \$10.00 five years; \$50.00 lifetime. FOREIGN: \$4.00 one year; \$7.00 two years.

**PATRONIZE
OUR
ADVERTISERS**



ALWAYS PREPLAN YOUR JUMPS.

LETTERS

Dear Mr. Cox;

I have never met you and don't know you but I'm sorry to say that because of your letter to Mr. Gunby which was in the Skydiver magazine, I don't feel you are as experienced as you might think you are.

There are two deaths in the past that I know of that were directly due to instrument failure. One was a civilian who jumped from 5,000 feet and pulled only seconds before he hit the ground, his stop watch read just over twenty seconds, which was proper pulling time for him since he didn't have much experience and he only knew that he should pull on twenty seconds. The other a military jumper who went up for his first ten thousand feet jump with an altimeter to tell him when to pull, the altimeter failed.

A student jumper has a strong tendency to rely on anybody or any thing other than himself. If you shove instruments on him before he is capable of doing it himself he will undoubtedly put too much faith in all the aids and not enough in himself.

Instruments DO NOT make a jumper, and DO NOT make jumping safe or unsafe, it is up to the abilities of the skydivers. If a man can not make a good safe jump from 7,000 feet without instruments he should be back at 5, 4, or 3,000 feet, if he can not make a good safe jump from this altitude, he should be back on static line. I just can't believe it's better to slap instruments on someone just because he can't make it on his own or doesn't believe he can. I think it would be better for that individual to change instructors. Instructors duties do not end with showing someone how to fall stable or how to leave the plane. They must also help their students in any way that is necessary and this includes helping them build confidence and faith in themselves.

I am not saying everyone should do this, but in the past I would not let any of my students use any instruments until they knew what they were doing not just thought it and when we heard of these deaths it was a secure feeling knowing that students could make any length of delay without fear of being victims of inexperience. I'm just saying that my students turned out to be jumpers.

I can't make myself say that Gunby ought to change the regulations to suit my line of thought, because I believe we have some pretty good officers from Joe Crane to Gunby and all of those in between that work hard to make this sport grow in number and safety.

So Mr. Cox if you can convince me I'm wrong, I would be indebted to you for showing me the light.

Respectfully Yours,
William Elfers
D-28 A.S.O. 027

I'll have to go along with you Bill. I've seen students start with instruments on jump and pulls. For my money, instruments are an aid to confident, experienced skydivers. LC

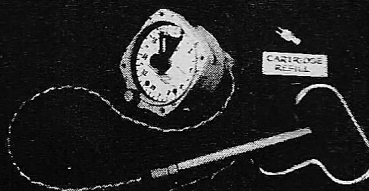
Gentlemen,

Thought you might be interested in learning of the first baton pass in the mile-high state of Colorado. The pass was made between Bill Driver and myself with 10 second left of a 35 second delay near Boulder, Colorado. The successful jump was fifth of a series of attempts in which we had made contact twice without completing the pass.

Any Sky-Divers passing thru Denver and interested in making a few jumps will be more than welcome at Boulder or Columbine airports any week-end.
Charly Alexander
1027 1/2 Penn
Boulder, Colorado

We will drop in on you someday, Charley. LC

A Word About Safety



When human factors fail, the "Sentinel" takes over and automatically opens the reserve accurately at 1000 ft. above the drop zone. Barometrically operated and explosively actuated. Installs in 3 minutes on all standard QAC reserves.

- Automatic Emergency Parachute Opening System
- A MUST for:
RELATIVE WORK
STUDENT TRAINING
ALL SPORT JUMPING . . .

\$68.50 Cartridge \$5.50 Refill

New larger power boost electrical system for increased reliability safety factor now available on all current models, new silver contact system eliminates corrosion problems.

Conversion:\$9.50

SPECIAL SKYDIVING SMOKE FLARES



- DESIGNED FOR SKYDIVERS
- PRODUCES DENSE WHITE SMOKE
- CONSTANT SMOKE OUTPUT
- NON-TOXIC HERMETICALLY SEALED
- CAN BE HAND HELD
- 3 FOOT PULL LANYARD SEALED TO EACH UNIT
- 0.4 SECOND IGNITION TO FULL SMOKE OUTPUT
- CHEAPER, LIGHTER, AND EASIER TO USE THAN FLOUR

30-35 sec. duration\$1.50
60-70 sec. duration\$2.30
Boot mounting bracket\$11.50

- DYNAMIC SKYDIVING DECAL
Seven color — 6" diameter
Dual purpose — can be applied on either side
Depicts feeling & internationality of sport
\$.79 each

- INSTRUMENT PANEL
Beautiful Blue or Red Aluminum anodized finish
Fits all reserves — w/mounting fittings
\$7.50

- SENTINEL TEST CIRCUIT
For electrical checkout of Sentinel System\$14.95

- "SWALLOW" CANOPY
High performance competition canopy design 360° turn in 4 seconds.
9-11 MPH forward speed.
Excellent dynamic turn stability.
Normal rate of descent.
Complete w risers\$42.50

- 20,000 scale compact Canadian altimeter\$10.20 each



STEVE SNYDER ENTERPRISES, INC.

Swarthmore, Penna.
All prices F.O.B. Swarthmore

LETTERS.....

Would it be possible for you to send us the names and addresses of any Parachute Clubs in California? We are a fairly new Club and are anxious to widen our circle of friends by correspondence.

Yours faithfully,

B.E. Barber

CENTRAL AFRICAN PARACHUTING CLUB

P.O. Box 1980

Salisbury, Southern Rhodesia

How come you are prejudiced towards only California clubs, Barber? We have clubs in our interior. I hear from them occasionally. LC

Dear Sir:

In your May issue of Sky Diver Magazine, the criticism of the jump at Taft California did not stop with Sam Starr's or Robert Spatola's printed opinions.

In a recent hearing held by the FAA in Washington, D.C. the jump at Taft was widely discussed.

It is rather irritating to the members of a small club such as ours who stick by the rules as closely as possible to be judged along side of very unsafety minded jumpers.

I was pleased to find out that the Parachute Club of America was and is lobbying for us in Washington and is doing us a lot of good.

YOURS TRULY,

AKRON SKY DIVERS

Raymond M. Starnes President

I shall express my views on this argument as seen from a working knowledge of the law, and the facts regarding the jump. The Taft group did NOT exit or open over populated areas. Therefore the pilot, the only one who might have been in violation of the pre-skydiving FFA Regulation as written is NOT. We haven't enough unity in this sport to assume a fellow parachutist is innocent till proven guilty, but desire to run off on full cock with only rumors to misinterpret to back our arguments. Thank goodness, the head of the FFA is getting a working knowledge of skydiving and should be learning that skydivers can track for miles and blow as far in wind direction and velocity changes that occur during a 30 to 60 minute climb, I'll say one thing for the Taft group, they have unity and they have a Beech which takes eight Jumpers to 20,000 ft. many times a week. You can see alotta ground from that high. LC

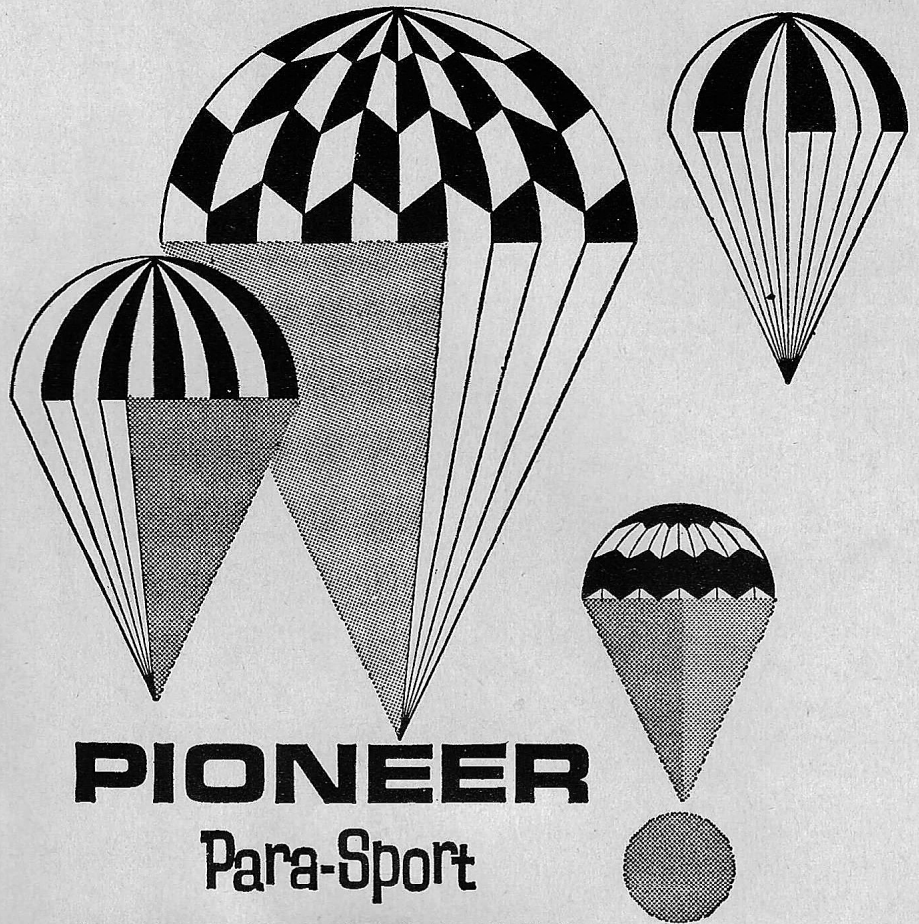
Dear Sirs:

I heard Sky Diver Magazine was out of business and I haven't received any magazines for months. I had a two year subscription. Send my 5 dollars back if you have quit.

Lawrence Johnson

Mass.

Who has quit? We get more mail if we don't print for awhile. LC



PIONEER Para-Sport PARACHUTES

INDIVIDUALLY YOURS in PATTERN and COLOR DESIGN

All Pioneer Para-Sport canopies are manufactured from special low-porosity RIPSTOP 1.6 oz. NYLON. Para-Sport packs, harnesses and parts, as well as complete packing instructions are also available.

*Write for
Brochure*

PIONEER PARACHUTE COMPANY, INC.

A Wholly Owned Subsidiary of

PIONEER AERODYNAMIC SYSTEMS, INC.

MANCHESTER, CONN., U.S.A.

Cable Address PIPAR

ALL NEW DROP ZONE

FOR

SPORT PARACHUTISTS

PIRU, CALIFORNIA

Turn West off Rt. 99 at Castaic
Junction north of San Fernando ...

Large D.Z. • Two Planes
SKY DIVING INSTRUCTION

BOB REDDICK, JA 5-4125

SANTA PAULA, CALIF.

PARA NEWS

The bulletin of the
PARACHUTE CLUB OF CANADA

35 Boyton Rd. • Toronto, Ontario, Canada

Only \$1.50 per year.

**BASIC HANDBOOK FOR
SPORT PARACHUTISTS**

"Sport Parachuting" by R. A. Gunby
\$2.50 ORDER FROM

SPORT PARACHUTING

P.O. Box 1147

Monterey, Calif.

EDITORIAL

Sky Diver Magazine has been sold and is now a Parachute Enterprise. I have become Editor and Robert Buckner Jr. has taken advertising. The girls on the staff are all non jumpers, yet.

We shall attempt to bring the Magazine back on schedule without subscribers getting any more double month copies. We of course are trying for a bigger and better Magazine. If you have any suggestions, complaints etc, we would appreciate hearing from you.

In the past, I know that we Sky Divers have been batches of individuals rebels, for PCA, against PCA, for one drop zone or another, for or against one type of chute, plane, modification of etc, I sincerely hope we can all unite as a mass and back Parachuting as a group. We have State legislation coming up in California and need unity here in this state immediately to secure regulations which will help us all. I can foresee that the state of California is going to license Parachutists.

With national unity to show the people we are capable of self regulation and enforcement we might not end up with Strict Federal licensing. Potential students might have to go to the local FAA and obtain a permit to learn to Parachute as it is done in England. I feel we should not be anymore licensed than Skin Divers, Tennis Players or Golf Enthusists. It will happen if we don't get together and back one organization that can do battle on our behalf. This may sound strange coming from an old bitter rebel but as I see it there is only one organization united and experienced enough to handle our fight and that is Parachute Club of America. An International Event is coming up in this country next year which will need all of us working together to show the world we are not incapable. Of running an international competition as the Russians are claiming. Our Army Parachute Team has shown the World that it can beat all others. What do you say, are we going to follow their example and combine to build a stronger Area Councils, a stronger PCA, a nation of united Parachutists?

CLUB EMBLEMS NEEDED

"SKY DIVER" is presently collecting emblems from parachute clubs and associations around the world. We would like to thank the many clubs that have already submitted their patch to us. Several dozen of these emblems mounted on a panel will be photographed in full color and placed on the "Sky Diver" cover sometime in the near future.

Our display of club shields will be exhibited at Sky Diving and general public gatherings, sports shows, and personality T. V. shows. Your club will certainly want to be represented on this display board and we urge club secretaries to send your emblem promptly.



PATRONIZE OUR ADVERTISERS.



**FOR PARACHUTES SEE
EDDIE BROWN**

P. O. Box 113A · 6017 Airport Way
Patterson Calif · Seattle 8, Wash

**MAKE SURE
YOU HAVE A PRE-FLIGHT
CHECK ON YOUR GEAR?**

CAPITAL Parachuting Enterprises

Creators of the 'AERO INDICATOR' * the first Instrument panel
guaranteeing Reliable Reserve Deployment

Designers of the World Famous 'CONQUEROR' Competition Parachutes
featuring the exclusive Deflect-O-Spill * principle

'Conquistador' TU*

'Cavalier' double L*

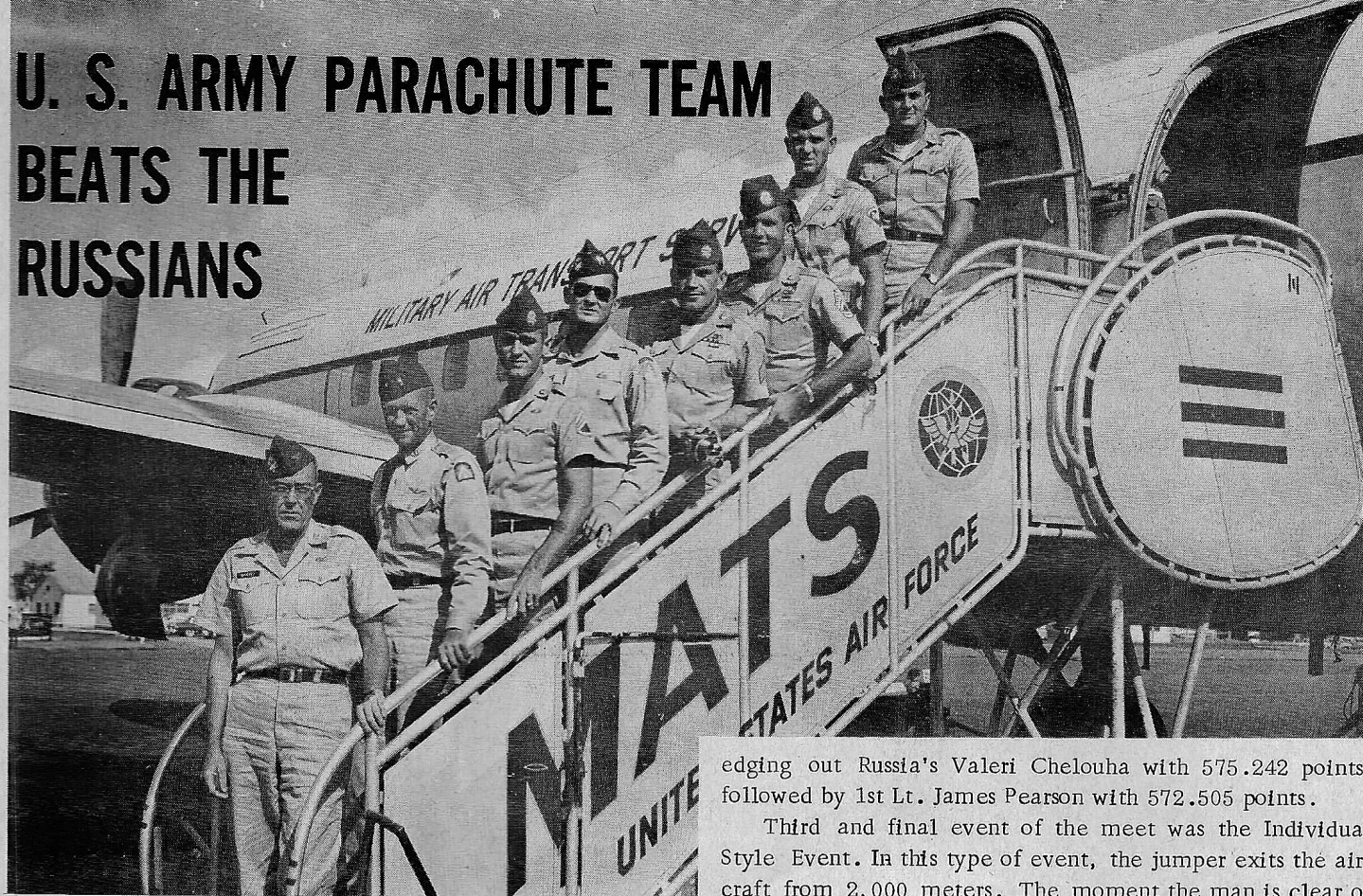
'Cavalier' S-V double T*

'Charger' single T*

* Patents Pending

WRITE FOR FREE ILLUSTRATED CATALOGUE
CAPITAL PARACHUTING ENTERPRISES
5556 MURCHISON RD. FAYETTEVILLE, N.C.

U. S. ARMY PARACHUTE TEAM BEATS THE RUSSIANS



U.S. Army Parachute Team arrives in Paris for the International Parachuting Contest at La Ferte Gaucher, France. Left to right are: Colonel William P. Grieves, 44, U.S. Team Leader from Falls Church, Va.; CWO Leonard J. Mounts, Team Pilot; Sgt. Danny Byard; Capt. James M. Perry; Sgt. Loy Brydon; Sfc. Gerald Bourquin; Sp5 Dick Fortenberry and 1st Lt. James Pearson, all from Fort Bragg, N. C.

PARIS, August 19, 1961 (Special) --- The United States Parachute Team made a clean sweep of the International Parachuting Contest held at the Parachute Center of La Ferte-Gaucher last week, winning first place in each of the three events.

Points earned in each event by U.S. Team members placed the Team first overall. Russia, Bulgaria, France "A", and France "B" finished in that order.

US Army 1st LT. James Pearson, 26, of San Antonio, Texas, was overall individual winner with a total of 1036.505 points boating Bulgarian second place winner Curille Vodenitcharov with 1034.853 points followed by Army Sergeant Loy Brydon, 29, of Everett, Washington.

In a field of 25 parachutists from four nations, U.S. Team members captured first, third, fifth, sixth and seventh place in the overall individual scoring.

Jumping to a ground target from 1,000 meters altitude in the Team Accuracy Event and averaging points earned by each team member, resulted in the U.S. Team placing first France "A" second, Russia third, Bulgaria fourth, and France "B" fifth.

Army Sergeant Loy Brydon missed setting an unofficial world record of scoring two consecutive dead center jumps in the Team Accuracy event by 14 centimeters on his third jump. Brydon was the only individual to make a dead center jump during the entire meet.

Again in the Individual Accuracy jump to a ground target from 1,000 meters, Brydon placed first with 580.231 points

edging out Russia's Valeri Chelouha with 575.242 points, followed by 1st Lt. James Pearson with 572.505 points.

Third and final event of the meet was the Individual Style Event. In this type of event, the jumper exits the aircraft from 2,000 meters. The moment the man is clear of the aircraft and falling, officials on the ground display a signal for five seconds indicating to the jumper a series of precise turns and loops that must be completed within 20 seconds before opening the parachute. The jumper completing the series in the shortest period of time is the winner.

Jim Arender, 21, of Tulsa, Oklahoma won the style event, earning 480 points and completing the series in 12 seconds. Second place went to Bulgaria's Curille Vodenitcharov who earned 472.5 points for the series, while third place went to Russia's Vladivir Zeahearov who earned 471.5 points.

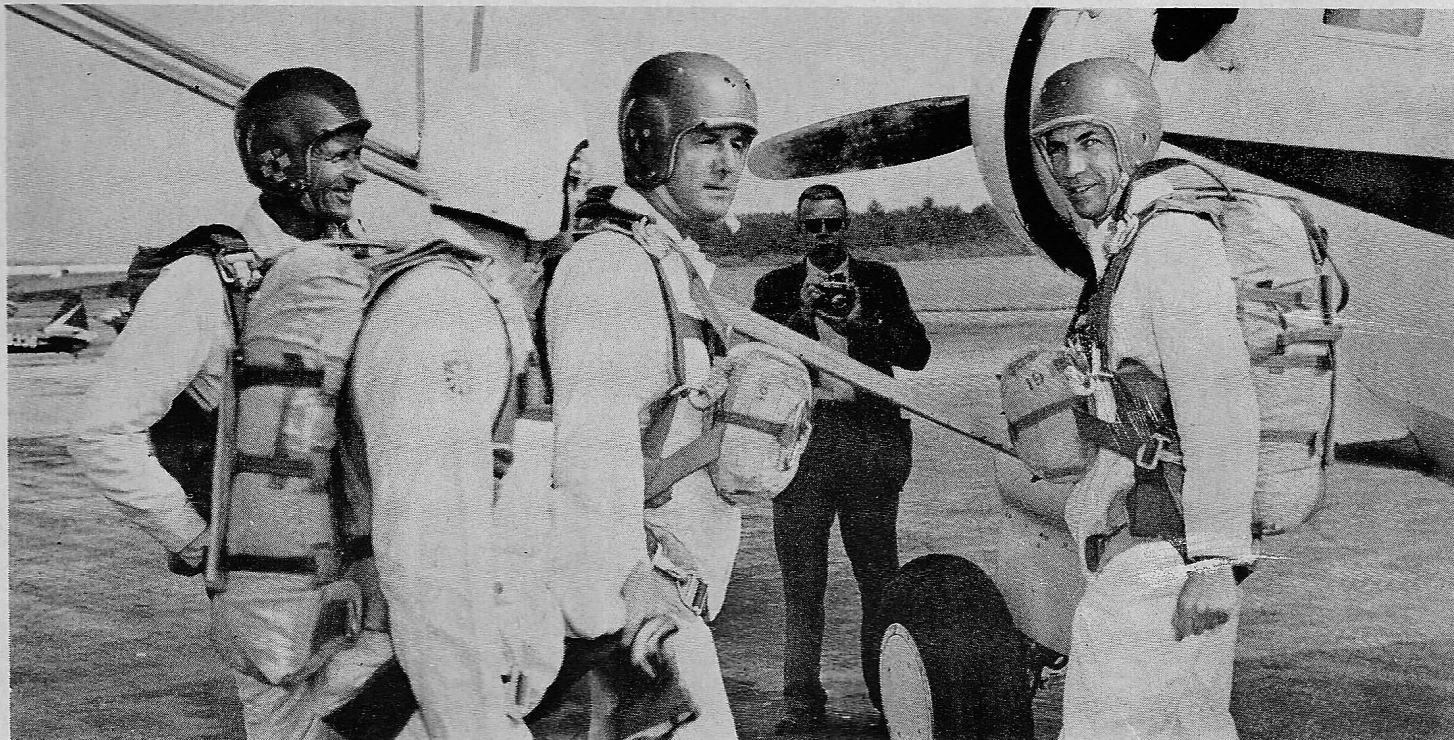
Arender became the World Champion of Style at Sofia, Bulgaria last year during the Fifth World Championships of Parachuting. He was a sergeant in the Army and a member of the U.S. Army Parachute Team and on the U.S. Parachute Team for 1960.

U.S. Team Leader for the third straight year was Army Colonel William P. Grieves, 47, of Falls Church, Virginia, Army Captain James M. Perry, 33, of Fort Bragg, N.C., served on the panel of judges. He is the commanding officer of the U.S. Army Parachute Team based at Fort Bragg.

Joe Crane, 59, of Westbury, Long Island, N.Y., attended the meet as U.S. delegate to the International Parachuting Commission, a division of the Federation Aeronautique Internationale (FAI). Crane is president of the Parachute Club of America. The meet was hosted by the Aero Club de France and sanctioned by the FAI.

The meet ended August 19 with the formal presentation of trophies, awards and certificates by Aero Club of France and FAI officials. The U.S. Team took seven out of the eleven trophies.

F.A.A. HEAD URGES SKYDIVING RULES REVAMPED



Left to right: Crocker Snow, Director, Massachusetts Aeronautics Commission; Jacques Andre Istel, President, Parachutes Incorporated; Joseph Richardson, Partner, Shepley, Bulfinch, Richardson & Abbott; The Honorable

Najeeb E. Halaby, Administrator, Federal Aviation Agency. Occasion: First jumps of Mr. Halaby and Mr. Richardson, second jump of Mr. Snow, 526th jump of Mr. Istel.

ORANGE, Mass. —Rules to encourage parachuting as a sport and to protect the public and the airways are now necessary N.E. Halaby, Administrator of the Federal Aviation Agency had declared.

Halaby, who made his first sky dive, or intentional parachute jump here recently at the invitational parachute jump here recently at the invitation of Jacques Istel, Orange, chairman of the Massachusetts Sport parachuting Commission, said it is the growing interest in sky diving that is making regulation necessary.

In 1959, Halaby pointed out there were only 238 known sport parachute jumps. In 1960, there were an estimated 40,000 jumps, which resulted in some casualties and numerous complaints to the FAA. The Administrator made the jump today to acquaint himself with the problem, which could become acute.

"If you project these figures," Halaby said, "there could be as many as a quarter of a million jumps annually by 1970.

"This can be a fine thing--an important and certainly exhilarating new facet of national sport--or it can be a dangerous thing "Halaby said, "We must make sure that parachuting contributes to the national interest, to physical fitness, to national defense and not to personal injuries, nor national peril."

FAA's administrator also pointed out that the Air Force has authorized its personnel to participate in free fall parachute jumping and the Army is actively fostering it under controlled conditions in each case. Soaring, gliding, and parachuting all have usefulness in training Americans for "brush fire" military situations he noted.

One of the basic changes Halaby suggested after his jump

is that he would hold parachutists themselves responsible under the Civil Air Regulations which govern the nation's airspace. As it stands now, only the pilot of the aircraft which drops the parachutist is actually responsible.

Halaby would also make it contrary to regulations for a parachutist to jump—other than a life-saving emergency jump—over congested areas of cities, towns, settlements, over open air assemblies or through clouds or at night.

The administrator would also prohibit sport jumps in controlled airspace within five miles of an airport unless FAA gives authorization beforehand for a carefully planned and supervised program. On the other side of the rules coin, Halaby proposed that the current regulations be changed to permit the jumper to pack his own chute for test, training, exhibition or sport jumping. However, the jumper would still have to carry in addition an emergency chute packed by an FAA certificated parachute rigger, Halaby said.

"It is a dramatic pastime—great fun in the free open spaces—and I can now understand the enthusiasm the Parachute Club of America has for it," Halaby said. "I hope that parachuting can grow as a sport but it is obvious that it must grow under proper conditions.

"You can't ski across the parkways or shoot rifles in the parks, but these sports flourish in our era of diminishing space, because they are done in the right conditions." Halaby said. "Sky-diving to grow as a national sport must do the same."

Informal notices of rule making will be published soon and parachutists, as well as others interested, were invited by Halaby to give their views for changes in the regulations during the summer.

THE CHUTE THAT GOES UP

....Lew Sanborn

The "Parachute That Goes Up" had gone up as planned. The press and military observers gathered around to see the device at close hand. Ostensibly, it was a flat circular canopy with an unusual assortment of slots ringing all twenty-four gores. The lower lateral band or skirt, was irregular, but the overall dimensions were comparable to a standard 28' diameter sport canopy. When inflated on the ground, the trapped air was forced through the slots and rose. It was only necessary to create a wind force blowing against the canopy, and on a normal this was done by towing the device jumper and all, by means of a long rope behind a jeep or truck. If the winds were light, the jumper took two or three increasingly larger strides, and took off. On windy days, once the canopy was inflated, it was difficult to remain on the ground, and in some cases a safety line securing the parachutist to the ground was necessary to bring him back down again lest he remain suspended overhead.

The altitude attainable was equal to half the length of the rope used, and under moderate wind conditions, the parachute could even be unhooked, and the jumper allowed to make a free descent of several hundred feet.

Everyone agreed that the "Parachute That Goes Up" has unlimited potential as a diversion for weathered-in jumpers, as a serious training device, or simply as recreation. Several members of the press rode the parachute, and also, Major James M. Staigers of the U.S. Army Research and Development Center. It is planned to allow the more adventurous guests of Orange Sport Parachuting Center to ride the device in the future, to stock more of them and to offer the "Parachute That Goes Up" for sale throughout the country.

The device is built in France by S.F.C.N.O., and is distributed on the North American continent exclusively by Parachutes Incorporated.

MARINE RE-UPS DOWN

FORT CAMPBELL, Ky., July 19, ---The Marine Corps is a proud organization and one in which many men have re-enlisted, but Corporal Thomas F. O'Toole, assigned to the Marine Barracks, Clarksville Base, Tenn., recieved a special king of elation when he re-upped last week.

Nonchalantly stepping out of a helicopter hovering 6,000 feet above Army soil (Fort Campbell, Kentucky.) He and Chaplain (Lieutenant Colonel) Thomas E. Waldie, 101st Airborne Division-Fort Campbell chaplain, plunged earthward hand-in-hand at speeds up to 125 miles per hour.

Paying little heed to the ground rushing up at them, Chaplain Waldie proceeded to swear-in the Marine for another six years. Twenty-five seconds later with the final "I do", both calmly pulled their ripcords and floated down to Yamoto Drop Zone.

Both men are members of the fast-growing Fort Campbell Sport Parachute Club. Chaplain Waldie is president of the club and has over 250 parachute jumps, both military and sky diving. Corporal O'Toole, the only Marine in the club has 25 jumps and is a B-licensed sky diver. He has four 30-second delays to his credit.



Nate Pond adjusted the harness just as he would have on any parachute before any jump. He wore his helmet, boots, coveralls and gloves - in the usual manner. He did not however, wear a reserve, and, which was even more difficult to comprehend, he did not require an aircraft. Yet, he was about to demonstrate a parachute before the press, the military, and the public. It was mid-June, warm and clear, the winds were mild, and everything was ready.

Two of Nate's fellow instructors at the Orange Sport Parachuting Center unfastened the container on his back, unrolled an unusual red, white, and blue canopy on the grass and billowed it open in the breeze. Nate gave the signal, the inflated canopy was released, and, to the astonishment of all observers. Nate Pond took off.....

He began, slowly at first, to move forward and upward, until within seconds he was flying over the crowd at an altitude of two hundred feet. He was actually flying, hanging suspended in a normal parachute harness, a colorful canopy billowed out above and behind him. He reminded some of a 1910 aviator, flying low overhead, waving and shouting to an amazed crowd below. The first parachute to go up in America had gone up. And was still up. How, and when would it come down? Then, a second signal was given, and Nate settled to the ground, executing a perfect standing landing, with a shock equivalent to stepping off the bottom rung of a short ladder.

CAMERA IN THE AIR Robert H. Buckner Jr.

My interest in air-to-air filming started at Hemet Calif. ornia, in the Spring of 1959, when Lew Sanborn began developing his now famous technique.

Using "Dusty" Smith, Lynn Pyland and Ludlow Clements as sky-divers, he shot some remarkably exciting footage which opened many eyes to the dramatic and training use of such film.

By December of '60 I was eager to participate in their work; and when Dave Burt of Para-Ventures offered me a job to jump with Bob Sinclair and Bud Kiesow for the new TV. series "Ripcord", I grabbed the chance. We went to work at Elsinore, along with the whole Para-Ventures crew, trying to meet the exacting standards of TV.

They turned out to be even trickier than we expected. From every angle there arose new problems. The cameras weren't right, or the batteries, and our relative work was twice as hard because the cameraman, Bob Sinclair, had to have the sun always at his back for the proper exposure. He also fell very fast, and our body positions had to be modified to a large extent. It was only after twenty or more jumps, and several night sessions to analyze and correct our mistakes, that we finally got some very good footage. But we felt it could still be improved.

Most of this color film was shot with a helmet-mounted camera, but some of it was shot by Bud Kiesow with a hand-mounted. It was the possible advantages of the latter device that had been intriguing Lyle Cameron for many months, and despite much skepticism on all sides; when he asked me to help him make footage for Bill Burrads New Fall T.V. Series "TRUE ADVENTURE", It was with slight misgivings that I agreed.

The hand-held camera gave us an entirely new set of problems to solve, but after many more jumps and some heartbreaking failures we were elated by the results. No doubts now but the hand is "quicker than the eye", and possibly even the head.

The intent of the report is to aid and encourage anyone interested in the same field. To further this aid with more specific details, let's begin with the choice of camera :

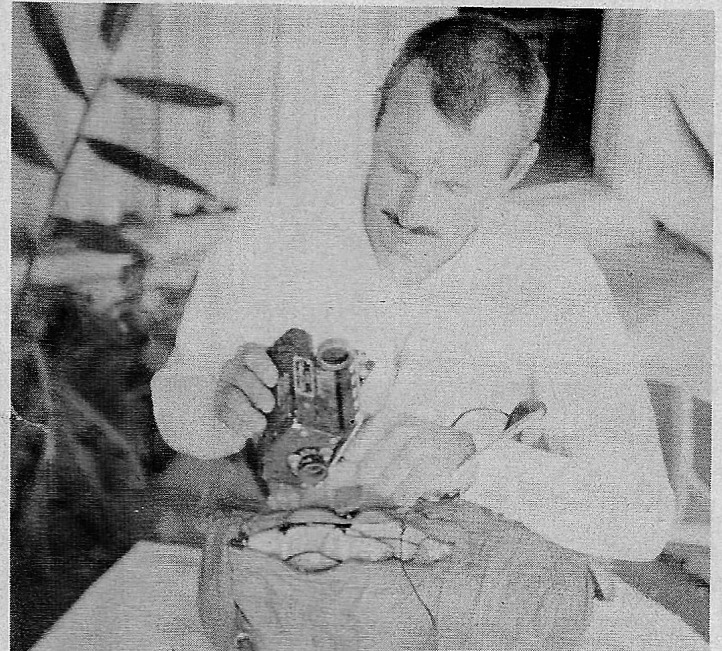
The most widely used camera and the easiest to obtain is the type AN-N6 G.S.A.P. Air Force gun-camera. This is a 24 volt 16 mm. camera with a semi-telescopic 3.5 mm. lens. The camera costs about \$24.00 at any large surplus store. It was built by Bell & Howell for wartime use, and though other makes may be found they are all basically of the same design; magazing-loading and holding 50 feet of film.

Color Film is recommended, as it enlarges to 35 mm. black-and-white without any undue grainy effect.

The original 3.5 lens is quite usable but a little trickier to work with because of its limited viewfield. A 17 mm. lens is probably the best for all-round purposes; costs around \$40.00 at most camera specialty shops, and adapts readily to the camera. There is also a C-mount conversion which is much more expensive, so I'll skip the details.

For batteries to power the camera we use four 6-volt lantern batteries wired in sequence. A simple on-off switch is wired in and conveniently placed. The batteries are usually mounted either above or below the reserve parachute. Another method is to use an Air Force chest pack which has an automatic opener pocket. You modify the pocket to contain the batteries, install a 24-foot canopy, and close up the whole kit. Access to the batteries is obtained through the zipper at the top of the pack.

The mounting of the camera is of course up to the individual. Maybe some eyes are quicker than the hand. The hand-mount which we prefer is simply a good handle which runs out into an arm - brace with a plate welded onto it. The camera is then bolted to the plate, and a readily improvised peepsight or frame is attached to the top, somewhat similar to the "sports viewer" as used by Press cameramen.



Lyle Cameron with hand mounted camera and battery pack in reserve container with 24 ft. canopy. Batteries don't go off if Reserve is deployed.



Air Force Gun Camera AN-N6 G. S. A. P. 24 volt 16 mm. 3.5 mm. lens.

As for the hat mount, the mounting can be done on the side or the top. If it is on the side, a counter-weight should be placed on the opposite side. A very snug fitting and well padded helmet should be used, and emphasis put on opening position while wearing the rig.



Ed Kruse Parachute Rigger 1st Class U.S.N. wears helmet and camera combination used by the Lakehurst Skydivers for mid-air photography. Note the top of helmet mounting and ring sight similar to one used by Bob Sinclair.

As far as techniques go it will be fairly simple as long as the same people work together all the time. The camera will definitely take some getting used to, and a lot of film must be expected.

We have found that if the cameraman leaves the aircraft first, and just falls in a maximum spread attitude waiting for his subjects to come to him, it works out better. The number one (meaning the second man out) works directly on the camera. The number two man works off of the number one-man only. This gives each man only one thing to worry about, and creat less confusion.

Also take note that every time you do a maneuver you pick up speed, and will fall below the camera.

If an opening is desired on film, the subject should open high enough to let the cameraman film the sequence, and still have a safe opening altitude himself.

One final bit of advice: Aerial camera work is a thrilling angle of our sport, but the mental diversion - unless well watched-can be dangerous, so be CAREFUL, PLAN EVERY MOVE PRECISELY, and you can get some great footage.



LAPEL PIN
\$1.50

Ten percent off on orders of ten or more items

CLUB EMBLEMS ON REQUEST

Dealer Inquiries Invited

COMPLETE LINE OF PARACHUTE COMPONENTS

Send for FREE Price List . . .

PARACHUTIST ACCESSORIES

P.O. Box 331

BUENA PARK, CALIFORNIA

All orders FOB Buena Park, California
California Residents add 4% sales tax

HEADQUARTERS "SKY-HIGH QUALITY AT ROCK BOTTOM PRICES" FOR SKY DIVING EQUIPMENT

GUARANTEED
to pass riggers
inspection

B-4 BACKPACK PARACHUTES \$33⁴⁵

- 1 - Brand New surplus nylon container.
- 1 - Brand New surplus Capewell harness with ripcord housing and pocket.
- 1 - Brand New surplus C9-28' orange and white ripstop canopy OR all white 28' ripstop canopy,
- 2 - Brand New surplus risers.
- 1 - Ripcord, 1 - Pilot 'chute A3, 1 - Back pad.
- "D" Rings installed, FAA, add \$5.00

T-7A RESERVES, 24' TWILL NEW SURPLUS. Complete \$22⁵⁰

FAA Packed and Sealed \$2.50

SPECIAL! COMPLETE RIG

| | |
|-----------|--------------------|
| BACK PACK | \$33.45 |
| "D" RINGS | 5.00 |
| RESERVE | 22.50 |
| | \$60.95 |

SPECIAL SLEEVES 28' LATEST DESIGN \$55.88 \$14.50

INSTRUMENT SPECIAL ALTIMETER + STOP WATCH + PANEL COMPLETE \$20.00

U. S. NAVY BACKPACKS \$24⁹⁸

28' white canopy. Just like the B-4 except for the harness. Completely BRAND NEW SURPLUS sealed in steel drums as shipped from the factory.
"D" RINGS INSTALLED \$7.50

Strict Government Policy on demilitarization of parachutes has raised our costs substantially and prices will continue to increase.

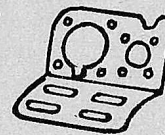
IF YOU WAIT, YOU MAY BE TOO LATE, DON'T HESITATE, BUY NOW AND SAVE.

1" NYLON TAPE Soft white tape for making your own canopy modifications. NEW. 3¢ PER FT.

SEND FOR NEW PRICE LIST JUST OFF THE PRESS Loads of items for the sky diver with the same big big savings. Club discounts.



INSTRUMENT PANEL \$5⁹⁸



Sturdy anodized aluminum. Holds altimeter and stop-watch.
STOP-WATCHES. 60 sec. sweep. \$9.50

ALTIMETERS \$7⁹⁸

Non-sensitive, 1 hand reading. 0-20,000 feet reading. New or like new.

ORDERING INFORMATION
All prices F.O.B. Los Angeles. Residents add 4% tax. Money order, please. No C.O.D.'s.

BEN'S SURPLUS 6156 SEPULVEDA BLVD. VAN NUYS, CALIFORNIA

COL. GRIEVES GROWLS



Col. William P. Grievess

Gentlemen :

The May, 1961, issue of Parachutist, official publication of the Parachute Club of America, contains a summary of the National Parachute Meet held at Fort Bragg during April 1961, certain portion of which I read with a sense of shock because of the mis-statements and insinuations contained therein. Knowing that your publication reached more jumpers than does Parachutist, this letter is addressed to you in an effort to set the record straight and to explain some actions which may result from the article.

I quote the portion of the May issue of Parachutist in question :

"Technical difficulties arose based on the meet regulations which required the wearing of leg numbers by competitors. The scoring judges on the field in accuracy made a questionable decision concerning Dick Fortenberry's leg number not being visible on landing and the same for Jim Arender. They reversed their decision on Fortenberry (after he had left the DZ but returned to protest) but did not allow any recourse for Arender, who, admittedly, did not wear his. Hindsight reveals that the correct decision in this case would have been for the Accuracy Event Judges to disqualify both men since neither number was visible at the time of landing. The judges turned the matter over to the jury who finally ruled that (1) since the field judges didn't see either man's number initially, that what was good for Army Fortenberry was also good for civilian Arender, (2) that the regulation concerning leg numbers was poorly written in the first place and, (3) that the requirement for leg numbers in an all-English speaking meet was superfluous to the needs of the meet, and (4) that both Arender's and Fortenberry's jump would stand for the record."

I do not know who actually wrote the above quoted matter which in addition to containing at least two out-and-

out mis-statements of fact, in effect accuses me, as meet director, the sponsoring parachute clubs, the judges and the military authorities at Fort Bragg of conducting a meet in a biased, unfair and incompetent manner, which favored the military contestants over the civilians. In view of my ignorance of the actual author of the article I must state my own qualifications to comment. I was concerned with the establishment of the program at Fort Bragg, one of the most active in the world, and until September 1959 was president of the XVIII Airborne Corps Sport Parachute Club. Since leaving Bragg I have participated in the sport as a member of a civilian club, Capitol Sky Divers of Washington, D.C. There have been only four large meets in the United States which compare with international Championship competition. Of these, I competed (without much credit I admit) in one, and was the meet director of the other three. I have been Team Leader of the US Teams of 1959. I have been a member of the Board of Directors of PCA. I am at present area safety officer for the Washington, DC. area. In the past I have constantly resisted certain efforts to withdraw Army Clubs from PCA.

To put us all on the same basis I quote the applicable portions of the Meet Regulations :

"10. Protests will be submitted in the Chairman of the Jury in writing within 24 hours of the protested decision or incident.

"11. Protests will be accepted only on question of rule and interpretation thereof. On questions of fact the decisions of the judges are final.

"36. Prior to the start of actual competition each contestant will be assigned and issued a number which will be worn on the left leg while jumping. Any contestant who, during competition lands from a jump without this number on his left leg will be awarded no points for the jump."

In addition, the application blank, signed and submitted by each contestant contained the following statement :

"I have read the Regulations for this Meet and I agree to abide by them."

Now let's take a look at what happened. Fortenberry, as tested to by witnesses chose to wear his leg number on his left leg covered by the loose leg of his coveralls. It was not noted by the judges on his landing. When Dick discovered this he came to me the meet director, and was informed that his wearing or not wearing a leg number was a question of fact on which the decision of the judge was final and that he should take the matter up with the final and that he should take the matter up with the judges. This he did and by means of his witnesses convinced the judges that the actual fact was that he was complying with the regulation. The judges then corrected the record to agree with the facts as carefully determined by them.

Now Arender's jump. Jim, through carelessness or for some other reason, jumped without his leg number. This was noted by the judges. Arender came to me and was given the same information as was given to Fortenberry - it was a question of fact and that he should see the judges. Jim frankly admitted that he had not worn his leg number and that therefore it was useless for him to see the judges. The judges in this case had determined fact to be that Arender had not worn a leg number.

Continued next page

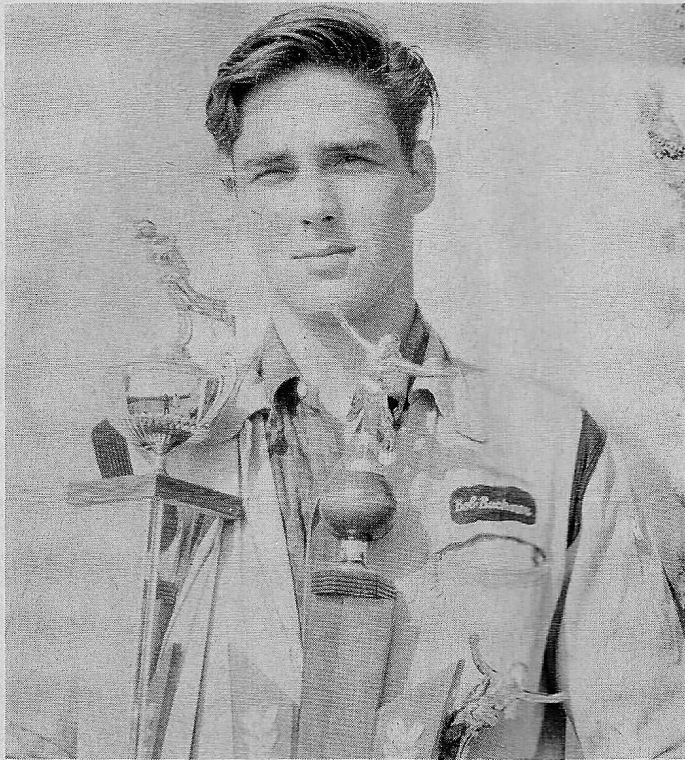
VALLEY SKYDIVERS ANNUAL MEET

Marilyn McCrea

The Valley Sky Divers Annual Invitational Jump Meet held at Piru, Calif., turned out to be an even greater success than last year.

Bright and early Saturday morning, June 10th the meet started with 74 entrants, and a perfect day for jumping.

The meet consisted of two events. Event one was a jump and pull from 2,500 feet, judged for accuracy in landing. Event two was a twenty second delay from 5,500 feet with a back loop. It was judged for style in free fall and accuracy in landing.



Robert H. Buckner Jr.

The winners were as follows.

Mens spot jumping.

- 1st. Bob Buckner with 195 points (Parachute Enterprises)
- 2nd. Lynn Pyland with 190.50 points (Elsinore Paracenter)
- 3rd. Bud Ridenour with 182.50 points (Los Angeles Skydivers)
- 4th. Richard Garcia with 177.00 points (Golden Lion Skydivers)

COL. GRIEVES GROWLS . . . Continued

Finally, it is my considered belief that the Executive element of the Parachute Club of America has expressed in their official publication, Parachutist, a statement of lack of trust, it would seem that they should back it up by relieving me of positions which I hold in PCA such as Area Safety Officer and Team Leader of the US Team and by demanding my resignation as a member of the Board of Directors. If, in fact, confidence in the integrity of the judges, the sponsoring organizations of the meet and myself remains, an apology for the statements made seems due. W.P. GRIEVES

BE SURE TO WEAR A HELMET

Women spot jumping

- 1st. Donna Abrescia with 162.65 points (Elsinore Paracenter)
- 2nd. Muriel Simbro with 141.75 points (Jumpmasters Teams)
- 3rd. Marilyn McCrea with 110.00 points (Valley Skydivers)
- 4th. Annette Coan with 84.00 points (Valley Skydivers)

Skydiving, Delay and accuracy event.

- 1st. Muriel Simbro with 185.41 points (Jumpmasters Teams)
- 2nd. Ed Duncan with 185.32 points (Rumbleseat Skydivers)
- 3rd. Bob Buckner with 182.83 points (Parachute Enterprises)
- 4th. Jim Poulsen with 175.00 points (Huntington Park Freelancers)

Muriel Simbro, the girl that beat the men at Skydiving



Now I know where Hank left those shot bags!

Team Event.

- 1st. Bob Higbee, Ed Duncan, Bob Buckner, with 544.00 points.
- 2nd. J. Meyer, J. Devine, and Don Blair with 494.00 points.
- 3rd. Jim Lizzio, Bud Ridenour, Bob Davidson, with 437.00 points.
- 4th. B. Cody, R. Garcia, Hutchison, with 405.00 points.

Overall Winner.

Bob Buckner with 377.83 points (Parachute Enterprises). The Meet was very capably judged by Dave Gold, and Ken Wilson from the Irving Parachute Company.

PRESS RELEASES

NATIONAL PARACHUTE INSTRUCTOR PROGRAM ON THE WAY

The Parachute Club of America announced that the United States Parachute Instructor Program will be administered by ten examiners, one in each region of the United States.

Jacques Andre Istel has been asked by the Parachute Club of America to serve as Chief Examiner for the United States and accepted on this date. Mr. Istel holds Parachute Instructor License No. 1 and is currently Chairman of the Massachusetts Parachuting Commission.

The Parachute Club of America listed the purposes of the Instructor Program as follows :

"The purposes of the Instructor Program are as follows : To establish a dependable corps of sincere, experienced, safety-conscious sport parachuting instructors throughout the U.S. Visualizing that sport parachuting will continue to grow at its present rapid rate, and that it will eventually reach the same proportions of other nationally accepted sports, these Instructor eventually will be the only ones authorized to instruct students on a commercial basis, and, perhaps when enough are available, also on an amateur basis. The reasoning behind this may be found in the fatality files of the PCA."

"ROAMIN RIGGER"

by FRANK ABLEONE

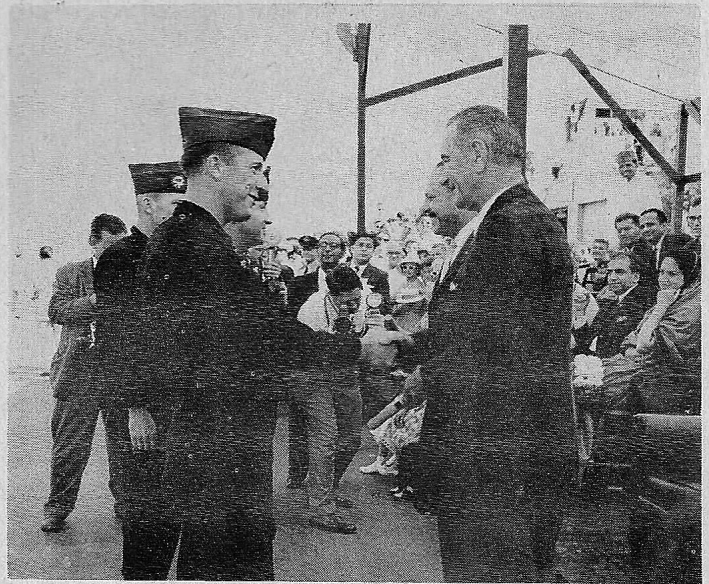
Air Rescue units have figured out how many thousand man hours and gallons of fuel they have piled up investigating downed flyer reports based on people observing orange and white canopies in the air on legitiment jumps, "Phantom jumps by bone heads failing to notify authorities prior to jumping, and even flapping oandy-stripe car covers.

The tally apparently annoyed them because they are enforcing the demilitarization clause on surplus sales contracts and are shredding parachutes.

What ever the reason is, no surplus lots of whole parachutes have been sold to the Surples this summer.

Prices will rise steadily as stocks dwindle. If you have any spare loot. I can recommend buying T-7-A reserves and C-9 canopies. They will probably be worth double or triple the purchasers prices by spring.

I had, till some leacherous skydiveer appropriated it, a copy of Bud Sellick's new Skydiving book. It is complete, full of pictures and very interesting. I recommend it for every jumper's library. Most all the jumpers I know don't have a library left, it got sold with everything else they owned to pay for jumps after they got booked on Skydiving. If you can pass up one fix of a 30 second delay, buy Bud's book. You'll enjoy it. Should you want to keep it, don't tell any one you have a copy and hide it when friends (?) come to visit.



The Vice President of the United States is a hard man to reach, especially if you're carrying an unidentified and sinister-looking cylindrical object.

Members of the internationally famous U.S. Army Parachute Team did it the hard way at Randolph Air Force Base last week. Jumping from a C-47 tucked away in the clouds at 13,000 feet Sergeant Joe Norman and Specialist Fourth Class Coy McDonald passed two wooden batons in mid-air, opened their chutes at 2,000 feet before an estimated 150,000 astonished Texans, and landed before the Vice President and his guest. His Excellency Ayub Khan, President of Pakistan.

Running the gamut of cautious secret service personal, the jumpers finally presented the dignitaries each with an engraved baton.

"EPITAPH" by Chuck Aguilar

Gather around, and I'll tell you the story
About how to become an All American Boy :
Get you a parachute, and jumpin' gear,
Put it in the plane, and have no fear.

I got me a parachute about a month ago.
Learned how to work it in a day or so,
And all around town it was understood
That I was knockin' em out like Johnny Be Good!
----Impressin' the girls, and showin' off----

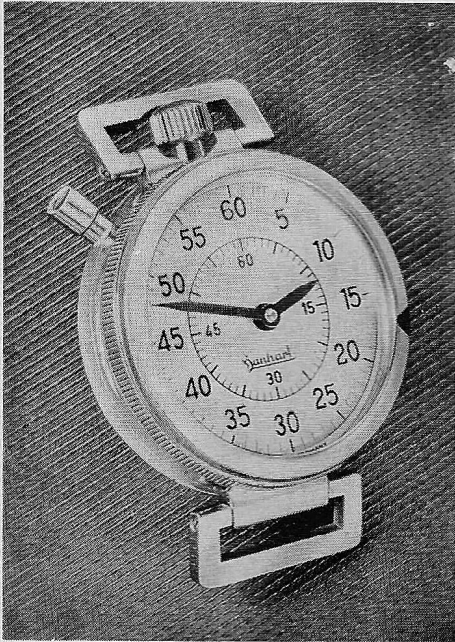
We climber in the plane, and flew through the air
Bitin' my nails and pullin' my hair.
The pilot yelled, "Bump"; I thought he said "Jump".
So I grabbed for the wing and we started to swing.

The man yelled "Come back"; I thought he said "Goodbye".
As I let go, my static line went by.
I looked at my clock as I started to fall;
Looked for my canopy : It weren't there at all.

Grabbed for my reserve, and what did I see?
Some damn fool played a trick on me!
Saw all my friends runnin' around
----Saw 'em again as I hit the ground.....



PRODUCTS



"VIKING" Parachutist Watch

Engineered and built to order by Hanhart for Capital Parachuting Enterprises. A special watch for reliability in timed parachuting events. Attachable directly to the reserve pack by either pack open-band, or alternately to the wrist.

Chromium finished metal case, and dust protected; movement shockproof, antimagnetic, self-compensating.

60 Second outer dial, 60 minute center dial. Hour division hand moves to next digit upon completion of one revolution of seconds division hand from zero.

11 jewels, lever movement with turnable bezel for referenced timings. The time maybe started consecutively without resetting.

Case Diameter: 2 1/8 in.
Case Depth: 3/4 in.

This watch is truly a magnificent piece of time keeping. The ultimate in precision for the Competition Parachutist.

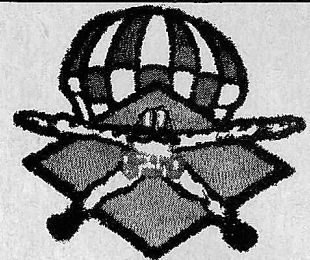
Parachute Personality



PARIS AIR SHOW--Beatrice F. Zeppilli, youngest French women sport parachutist began jumping "officially" at age 17. Bea had to have special authorization! Got her license at 17 1/2. Now has 85 jumps, at which 55 are free fall's. Highest 4000 meters (38 sec. delay). Hobby: Photographing and loves music by Frank Sinatra. Member for over 5 years of Para-Club Seine.

Jumpmasters PUZZLE ANSWER....

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T | A | R | G | E | T | R | I | S | E | R | S |
| W | R | I | T | E | F | N | A | V | A | L | |
| E | R | O | S | F | I | D | W | A | V | E | |
| L | O | T | W | A | G | E | S | L | E | E | |
| V | W | P | D | U | E | B | L | V | | | |
| E | P | A | D | R | M | A | T | E | | | |
| A | C | C | E | L | E | R | A | T | E | S | |
| B | A | E | C | E | T | O | E | S | | | |
| R | T | R | N | I | T | N | A | T | | | |
| Y | E | P | L | A | G | E | R | W | P | A | |
| D | R | A | M | A | H | A | S | A | A | B | |
| O | S | C | I | L | T | T | W | I | L | L | |
| N | E | E | D | L | E | T | U | R | T | L | E |



- 3"x 3" 4 color embroidered emblems \$ 1.50
- cloisonee parachutist emblem in full color..
- Lapel pin 1.50
- Portia goggles 1.00
- Hanhart 60 sec. stop watches.. 12.50
- Pure gum rubber retainer bands, (1 lb. box) 2.95



- Log Books.....\$2.50
- Wind Drift Indicators..... .50



Your Parachutist License classification and number on a 2 1/2" x 3" black background with gold embroidery for your jumpsuit **2.50 ea.**

for 5 or more.

\$3.00 each for less than five.



WIND METER

Handy wind meter gives both low and high range readings. Sturdy, accurate... no complicated mechanism or calculations to bother with. Can be used anywhere, anytime. Simply hold meter at eye level so that back side is towards the wind. For high range readings, cover hole at extreme top with finger. Small white ball in tube indicates wind speed to nearest mph reading.

Price \$4.95



CLUB EMBLEMS ON REQUEST

Dealer Inquiries Invited

COMPLETE LINE OF PARACHUTE COMPONENTS

Send for FREE Price List . . .

Parachutist Accessories

P.O. Box 331
BUENA PARK, CALIFORNIA

All orders FOB Buena Park, California
California Residents add 4% sales tax

JUMPING THE HUSKIE

Ken Sisler



On 20 and 21 May, 1961, Military and Civilian Sky Divers were able to perform before 90,000 people. The results of the two days of jumping were definitely an asset to the sport.

The military (ARMY) Sky Divers were led by Lt. John Shelby of the Ft. Campbell Parachute Club. Among the able team was Sgt. Crutchfield who is now sitting down rather easy as the result of his landing after making a fall from 12,700'. There is still in some doubt as to who christened the Military jumpers the "Sky Kings".

The other crew consisted of Walt Peca, C-99 who is President of Saginaw Sky Divers, Jim Bellmore, B-? also of the Saginaw Sky Divers, Denny Bryant, C-268 of Toledo SPC, A/1c Ken Sisler, B-471, of the Lake St. Clair Sky Divers.

The Armed Forces Day program was kept interesting by the two Jet Helicopters hauling Sky Divers. The Choppers were the H-43B "Huskie" holds several were the H-43B's. They are twin rotored jet turbine powered helicopters which are used for rescue and fire suppression. The H-43B "Huskie" holds several world records. It has attained altitudes of 30,000' and is extremely powerful. It is one of the few choppers that will haul its own weight. The fuselage looks like a small C-119 in that it has twin tail booms and the pod type empannage.

The tail gates were removed as the picture shows. This allowed roomy exits. Spotting was done from a sliding door forward on the right. Corrections were relayed to pilot via crew chief and due to excellent spotting and piloting we were able to do some accurate jumping in spite of the shifty, gusty winds. A trophy for target work was presented by Danny Latchford of Mid-West Parachute Service.

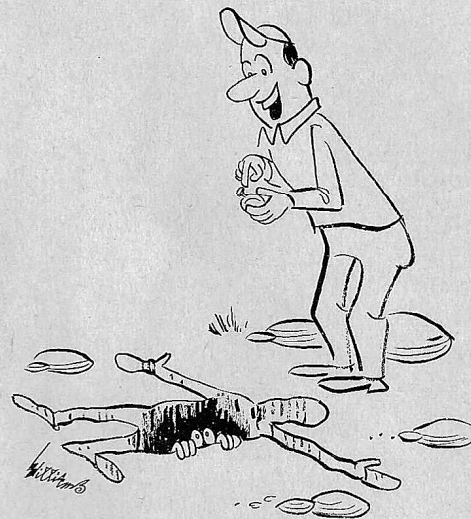
The schedule was such that "Sky Kings" (?) were to make two drops a day from 12,000'. The long delays by the Campbell group were enjoyed by all concerned. All were trailing smoke and it was really noticeable when Lt. Shelby hit the track position. The group of jumpers from areas surrounding Selfridge AFB, Michigan were scheduled for more jumps and the tight schedule plus clouds held us down to 7,500 and 5,000'

The crowd got a view of why we carry reserve parachutes when Walt Peca had a malfunction and deployed his reserve to make a bouncy but safe landing. The Campbell crew had one of their men demonstrate water landings in a rather un-scheduled manner and almost drowned a not-too-graceful AF Medic who came to the (?) rescue.

After two days of fine jumping from a fine Helicopter we all said SC-Long to the Sky Kings and packed our cars for

the trip home. Local press coverage was good and the 60 odd jumps certainly impressed the observers.

We were all smoke stained, bruised but happy. The plans for next year include an even better demonstration of Sky Diving.



THEY SAID IT COULDN'T BE DONE, ED. A 97 SECOND DELAY!

SKY-DIVING RIG \$59.95

Complete "B-4" Capewell main, includes "D" Rings, Short-Risers, and, Sleeve, With choice of Blank, Double "L," or "T" Gore.

WIDE "EASY PACK" SLEEVE \$14.95

Satisfaction guaranteed or your money refunded. 10% deposit on all C. O. D. We pay postage on all fully paid orders.

PARA-EQUIP ENTERPRISES

645 EAST IRBY

BEAUMONT, TEXAS.

SEND FOR FREE CATALOG TODAY

Name _____

address _____

City _____ Zone _____ State _____

CLUB ACTIVITIES

Club Reports are submitted bi-monthly by club publicity representatives, one type-written page, double spaced.



Gentlemen :

Inclosed is a picture taken of our club just before we climbed aboard Johnson Flying Service's DC-2 for our last mass free fall of the school year. Members standing from left to right; Fred Helfertine, Pete Harkness, Herm Venable, Neil Rylander, Steve Lutz, Larry Sturtevant, Larry Schmidt, Marsh Ward, Dick Peterson-sec. tres., Chuck Underwood - safety officer, Mauor Donald Fox-U.S. Army ROTC-faculty advisor, John McConnel, Gail Keilman-pilot and jumper, Kneeling from left to right; Jeff Davis-club jumpmaster, Jim Peterson, Donna Snyder-only jumping

YOU— Will be surprised!
YES— We're sure you will be.
WHEN— You see what a "buck" or a hundred "bucks" will buy in our NEW 1960 Catalog of Sport Parachuting Equipment. Bargains! It's loaded!

FILL OUT AND MAIL COUPON TODAY

PLEASE PRINT

SEND 1960 BARGAIN CATALOG TO:

Name _____

Address _____

City _____ State _____

McELFISH PARACHUTE SERVICE
 2615 Love Field Drive
 Dallas 35, Texas

coed, Paul Tag-President. On early Smoke jumper projects and not present are Carl Gidland and Bill Bivan-vice president. Peterson and Tag-completed first baton pass in area and we believe in Montana.

THANK YOU,
 Paul Tag
 President-MSU Patachute Club
 Smoke Jumper Paraloft
 Grangeville, Idaho



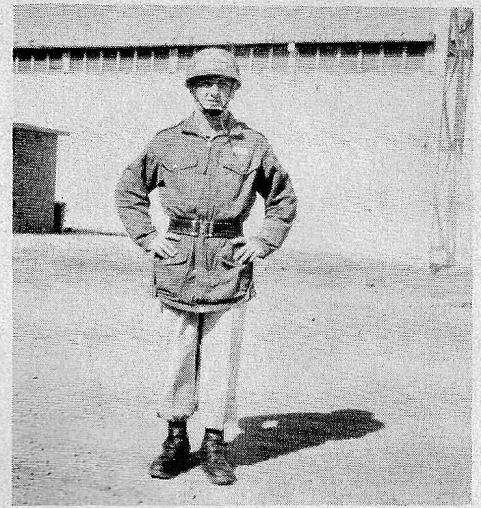
In the picture the club president, Larry Spears of Tacoma, is starting a delay from 4,500 feet over the Rainier Sky Divers home base, Thun Field of Puyallup. A newspaper reporter, he joined the club last August after making a jump to write a feature for the Tacoma News Tribune, Thun Field is the location of the club's new rigging loft and club house, but our regular drop zone is a meadow about a mile away.

Bob Myers ASO 23
 PO Box 327
 Brecken Ridge, Colorado

ROGERS EMBROIDERED EMBLEMS

For wear on Jump Suits, Sweaters, Jackets, Caps and all associated club garments. Perfect for clubs and groups of all sizes. In quantities of 25 and up. Send sketch or sample, stating quantity, colors & size. We will quote by return airmail. We also make full color Enamel Lapel Pins duplicating your emblems for as little as \$1.00 each for 100 units.

2450 SOUTH MAIN STREET
 LOS ANGELES 7, CALIFORNIA



Dear Sir :

My name is Roy H. Evans, age 23, single (domicile Australian). I'd like to get some penfriends from any parachute clubs in America as I like to exchange photos, ideas and matters of interest in parachuting.

I am a x parachutes as I was in the Australia army as a comando for 4 years and I am a keen parachutes.

I hope to be back in Australia at the end of this year and will become a member of a free fall Club in Sydney.

If any one would like to write to me they can do so at the below address. I inclose one photo of myself.

YOURS FAITHFULLY,
 Mr. Roy H. Evans
 c/o Post Office "Santo"
 New Hébridles

What's Happening ?

MICHIGAN
 COUNCIL
FT. BRAGG
 CLEVELAND PARACHUTE CLUB

NORTHERN CALIFORNIA
 PARACHUTE COUNCIL
 H FLORIDA
 CIATIG... Dive
 Seattle Sky Dive
 Vancouver Sky
 Ranier Para
 KA-MO
PARACHUTE ASSOCIATION

Australian Parachute

Federation
 DIXIE SKY DELAWARE VALLEY
 PARACHUTE CLUB

**Southern California
 Sport Parachuting Council**

CERTIFIED LOFTS

This is a National Listing of Certified lofts to serve the local and traveling parachutists. Advertising rate is \$35.00 per year. Payment must accompany copy. Please send all material to: **SKY DIVER MAGAZINE**, P. O. Box 44, Buena Park, California.

JOE CRANE & COMPANY
Box 164, Old Country Road
Mineola, L.I., New York

McELFISH PARACHUTE SERVICE
P.O. Box 7011
Dallas 9, Texas

MIDWEST PARACHUTE
SALES & SERVICE
46901 Grand River
Novi, Michigan

CLASSIFIED

GERONIMO!

Hook Up! Join only professional military association dedicated exclusively to airborne interests in national defense. General Matthew B. Ridgway, National President. Active membership open to past and present parachutists and combat gliderists. Members receive lapel insignia, "Airborne Quarterly" magazine, \$1,000.00 to kin in event of accidental death, and other benefits. Annual dues only \$4.00. Your membership will help achieve more powerful airborne with adequate strategic and tactical airlift as major deterrent to limited war. Request membership information by post-card from: **The Airborne Association**, P. O. Box 5, Fort Bragg, North Carolina.

OPERATORS! PILOTS! MECHANICS! Need Employment Assistance Contact Aviation Employment Counselors, Minden, Nevada.

Qualify as an Agricultural Pilot, earn top wages. All pilot courses, Free literature. Agricultural Aviation Academy, Minden, Nevada.



Bad News, Ed! I don't think your mother-in-law's chute opened!!

SKY DIVER MAGAZINE

P. O. Box 44, Buena Park, California

Hurry and send me SKY DIVER MAGAZINE for the next

- 1 Yr. \$3.00
 2 Yr. \$5.00
 5 Yr. \$10.00
 Lifetime \$50.00
 1 Yr. outside U.S. and Canadian Postal Zones \$4.00
 Cash
 Check
 Money Order

NAME _____

ADDRESS _____

CITY _____ ZONE (____), STATE _____

NEW _____

RENEWAL _____



441 S. SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA
MADison 5-5855

ALL MERCHANDISE guaranteed to pass your riggers inspection or you may return for refund of purchase price.

FREE . . . For the smart buyer (who buys from us, naturally), with each purchase of \$5.00 or more.

- A pair of harness pads
- or
- 16 Retainer Rubber Bands
- or
- 11 1/2" Formica Packing Stick
- or
- 9 1/2" electric baton with a red or amber light at each end.

RIPSTOP NYLON 28 FT. CANOPIES

Complete with separable links attached.

White ripstop nylon **12⁵⁰**
GUARANTEED GOOD CONDITION.

C-9 orange and white New **19⁵⁰**

24 Ft. WHITE CANOPIES

24 Ft. white nylon twill, solid links. 4 separable links included with each one. **9⁵⁰**

SKYMASTER New Deployment SLEEVES

- FINEST WORKMANSHIP
- STRONG MATERIALS
- BEAUTIFUL TANGERINE COLOR WITH WHITE TAPE
- PRESHRUNK—FAST COLOR

12.95

Back again SURPLUS
Smoke Flares

Hand held **8⁴⁰** DOZ.
Ring pull **.75** each

New manufacture **SMOKE FLARES**

They are fresh from the manufacturer. Orange colored smoke. Have wooden grip handles. 50 seconds burning time.

\$1.19 each **12⁰⁰** DOZ.



KEEP YOUR NOGGIN FROM JOGGIN
SKYMASTER HELMET

Strong fibre-glass shell with cushioned lining. Double chin strap with chin cup. White lacquer finish.

Give hat size with order **21.95**

Specially Designed for Skydivers

The Gov't. policy of demilitarizing surplus has caused shortages and forced prices up. However you can still depend on VOLUME for top quality gear at lowest prices.

BUY NOW.....BEAT THE INCREASING SHORTAGES

LOOK WHAT ! Our SKYMASTER YOU GET Complete Rig

New, B-4 Backpack with D-Rings REG. PRICE 38.50
New, T-7A 24 Ft. Rollpack Reserve 22.50
SKYMASTER SLEEVE 12.95
A 73.95 bargain at our regular low price **63.45** for a limited time only

B-4 BACKPACK New with D-Rings

New 28 ft. orange and white ripstop canopy, harness with Capewell releases, complete with back cushion etc. Assembled, ready to pack.

THE FAVORITE BACKPACK AT THE BEST PRICE! **38⁵⁰**

New T-7A Rollpack Reserve

24 Ft white nylon twill canopy, cotton container with short risers. This is the most desirable reserve made for the para-troopers. Late type butterfly clips.

THE FINEST RESERVE . . . ATTRACTIVELY PRICED. **22⁵⁰**

Sporter's Special B-4 Backpack with D-Rings

28 ft. white ripstop canopy. New harness with Capewell releases, complete with back cushion etc. Assembled, ready to pack.

A "VOLUME" BEST BUY **31⁵⁰**

New 24 Ft. Rollpack Reserve

24 Ft white nylon twill canopy, cotton container with short risers. Late type butterfly clips. Unassembled **16⁵⁰**

CONTAINER BACK PACK New 4.95

Guaranteed good condition: 2.50

RESERVE CONTAINERS

24 Ft. Rollpack O.D. cotton New **4.00**

28 Ft. Rollpack nylon **3.00**

QAC 28 Ft. SQUARE PACK **2.00**

28 Ft. ROLLPACK RESERVE

28 ft. white ripstop nylon canopy. O.D. nylon risers with butterfly clips, nylon roll container.

Guaranteed good condition. **17⁹⁵**

NEW CAPEWELL BACKPACK HARNESS

with "D" rings including rip cord pocket and housing. **9⁵⁰**

SAME AS ABOVE without "D" rings NEW 2.00

In guaranteed good condition 1.50

INSTRUMENT PANELS

Attractive anodized finish in gold, red, green or blue. Slotted to mount on reserve bungees. **5.95**

T-7 BACK PACK HARNESS

with 3 prong quick release box and "D" rings **4.50**

Loops sewn on risers for separable links - add, per harness **.75**

STOP WATCHES 60 sec. dial **9.50**

Navy type quick fit harness

SOFT NYLON with EJECTOR SNAPS **4.50**

ALTIMETERS

U.S.A.F. non-sensitive type desired for sky diving. **6.95**

BACK CUSHIONS

O.D. nylon over foam rubber **1.00**

RESERVE RISERS, Nylon "H" type with clips. **2.00**

SHORT RESERVE RISERS, Nylon "H" type with clips. **4.50**

PILOT CHUTES, type A-3 (spiral). **1.00**

Ripstop nylon top. **1.00**

Same(but with hard (canvas) top. **1.50**

Lots of 10 or more, less 10%.

EJECTOR SNAPS

#101825 quick fit type **85^c**

#101800 Non-adjustable type **.65c**

RISERS FOR B-4 HARNESS WITH CAPEWELL FITTING

(Backpack). Doz. Lots **10.80**

RIP CORDS. 2 pin, 4 pin, chest, reserve, seat or backpack. Doz. Lots **9.50**

BUBBLE GOGGLES.

Special sky diver type with heavier beading. Clear and light blue. Doz. Lots **18.00**

RETAINER RUBBER BANDS, fresh stock, per lb. **2.50**

Pure gum rubber, 1/4 lb. **.75**

PARACHUTE RIGGER'S KIT

Kit consists of large aluminum packing paddle, small aluminum packing paddle, right angle aluminum shroud line holder, sewing palm, shroud line hook, 3 locking pins, other misc. tools. Comes in special canvas case. **4⁹⁵** each

50% deposit required on C.O.D. shipments, or remit entire amount and save C.O.D. charges. PRICES F.O.B. OUR PLANT. HOURS: Weekdays 8:30 to 5:30; Saturdays to 1:00 P.M.

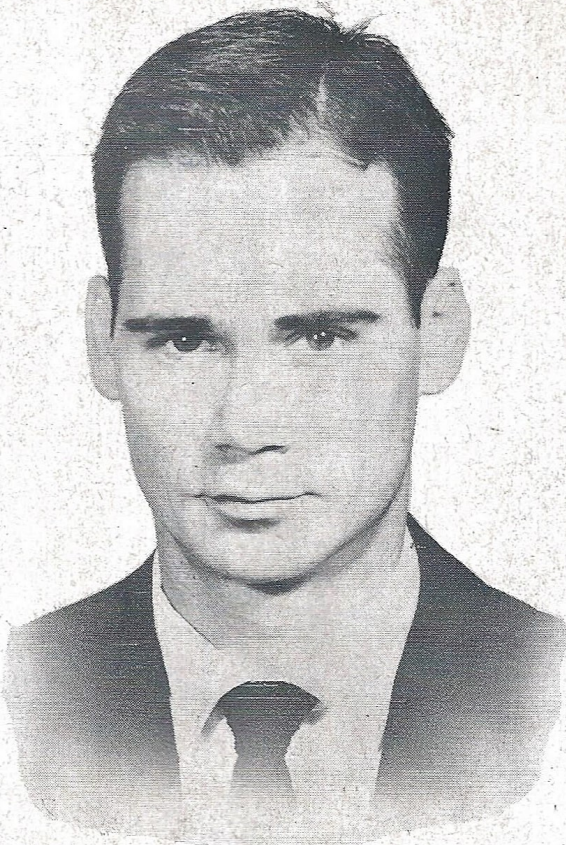
The only book for skydiving
written by a fellow skydiver

BUD SELLICK

*Let this pioneer and veteran
tell you all about*

SKYDIVING

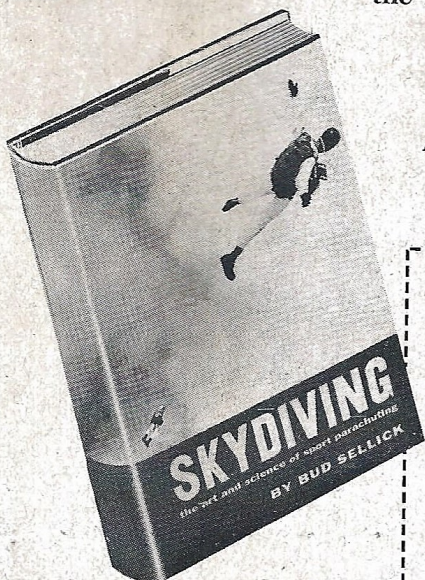
the art and science of sport parachuting



Student parachutists, parachutists, jumpmasters, expert parachutists and everyone who enjoys the sport will want **SKYDIVING**—the only complete guide to its every challenge, with more than 150 exciting illustrations from detailed drawings to action-photographs of skydivers.

In **SKYDIVING** you'll discover

- All there is to know about skydiving equipment
- What to know about water landings, tree landings and high-tension wire landings
- What to do when equipment malfunctions
- Official safety regulations of the Parachute Club of America
- How to turn your body by shoulder, foot, hand and leg maneuvers
- How to assume the delta, medium delta, full delta, rocking chair, "banana," bow and tear-drop positions
- How to compete in skydiving competitions



SKYDIVING is the only book for skydivers written by a fellow sportsman familiar with the rigors and techniques. As he guides you into this exhilarating, cool blue world with facts, figures, methods, anecdotes and illustrations, he conveys all the excitement of free-fall flight... of the wind whistling by the skydiver's helmet... his sense of weightlessness... the first night jump carrying lighted flares... the thrill of sitting in space in the rocking-chair position. From a complete training program to a history of the parachute, aircraft procedures, jump techniques, and much much more — **SKYDIVING** is the ideal handbook for the 20th Century's greatest sport.

Before your next jump, order
your copy of **SKYDIVING**

At your local bookstore today, or use coupon

SPECIAL 10 DAY FREE TRIAL OFFER

PRENTICE-HALL, INC. Dept NA-12

Englewood Cliffs, N.J.

Rush me my copy of **SKYDIVING** for a 10 day free trial. If I am not satisfied in every way, I will return it and owe nothing. Otherwise, I will remit \$5.95, plus a few pennies postage, and keep it.

Name.....

Address.....

City..... Zone..... State.....

SAVE! Send payment with coupon and we'll pay the postage. Same return and refund privilege guaranteed.