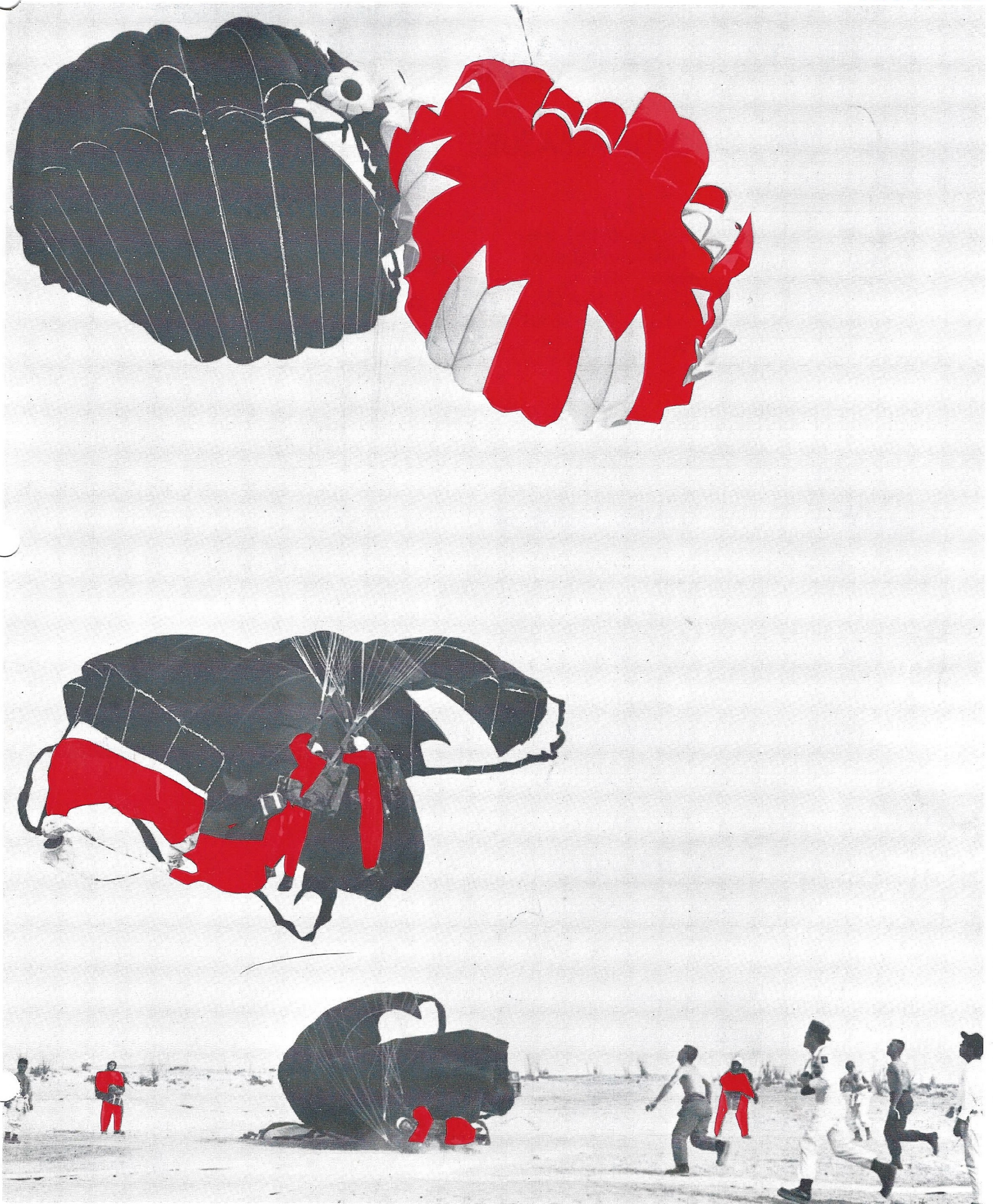


# PARACHUTE

MARCH 1963

FIFTY CENTS



SFC. JOE M. GONZALES



# Your Symbol . . for **CLASS 1 SCORING**

IN COMPETITION *or* PLEASURE



CAPITAL COMPETITION PARACHUTES TRADEMARK

Capital CONQUISTADORS (TUs) are unbeaten in the past three International Parachuting Competitions - winning 13 FIRST PLACES, 7 SECOND PLACES, 9 THIRD PLACES, and SEVEN DEAD CENTER target scorings.

*Conquistador<sup>®</sup> - Cavalier - Charger*

FEATURING THE PATENTED 'Deflect - O - Spill'\*  
VDF CYCLIC STEERABLE PARACHUTE PRINCIPLE

\* U.S. Patent No. 3,013,753



**CAPITAL** *Parachuting Enterprises* cable 'Capra'

SEND FOR YOUR ILLUSTRATED FOLDERS - NOW

Post Office Box 3324  
FAYETTEVILLE, NORTH CAROLINA

**DON'T LAND OFF TARGET....** Be certain with the 'CONQUEROR' Parachutes. You are assured the best in workmanship and performance when you buy them from the following Licensed firms:

- PIONEER PARACHUTE COMPANY    • MIDWEST PARACHUTE SERVICE    • W.R. McCLINTOCK AIRCRAFT
- McELFISH PARACHUTE SERVICE    • EDDIE BROWN PARACHUTE ENGINEERING SERVICE
- TRI-STATE SKYDIVERS, INC.    • TERENCE DALY (Pty.) Ltd., S. AFRICA

These organizations are duly authorized to modify steerable parachutes under the quality design standards of Capital Parachuting Enterprises, and U. S. Patent 3,013,753.

## TEN TATIVE SCHEDULE OF DEMONSTRATIONS REQUIRED FOR THE "GOLDEN KNIGHTS"

March 29 - 31  
April 24 - 27  
May 16  
May 26  
June 16  
June 30  
July 4  
July 4  
July 14

Northfield, Virginia  
Charlottesville, Virginia  
Deluth, Minnisota  
Concord, North Carolina  
Stearling, Illinois  
Chicago, Illinois  
Waterbury, Connecticut  
Wilmington, Delaware  
Boise, Idaho

July 27 - 28  
August 3  
August 9 - 18  
August 21  
September 14  
September 13 - 29  
September 23 - 28  
October 6

Chicago, Illinois  
Grand Haven, Michigan  
Springfield, Illinois  
Sedalia, Missouri  
Shelby, Ohio  
Pomona, California  
Bloomsburg, Pennsylvania  
Tindell AFB, Florida

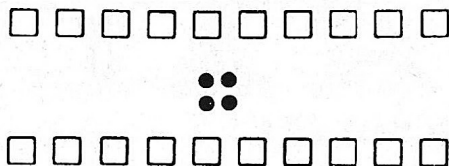


EDITOR AND PUBLISHER: RONALD D. SIMMONS  
 TECHNICAL EDITOR: BOB SINCLAIR  
 EDITORIAL ASSISTANT: DIANE CHAPMAN  
 CIRCULATION MANAGER: SHIRLEY SIMMONS  
 EDITORIAL ASSOCIATE: MAUREEN STEWART  
 CHIEF PHOTOGRAPHER: J. BARRY HERRON

MARCH 1963, VOLUME 1, NO. 6

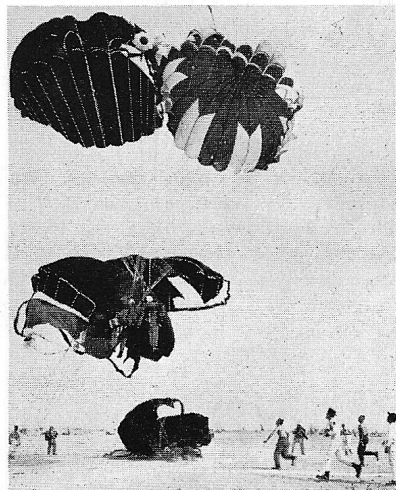
PARACHUTE magazine is published monthly, owned in its entirety by Ronald D. Simmons. P.O. Box 65783, Los Angeles 65, California. Payment for contributors right, title and interest in and to the material including but not limited to photos, drawings, charts and designs, which shall be considered as text. Contributions must be guaranteed exclusive. Subscriptions U.S. possessions, Canada and Mexico, \$5 one year, \$9 two years, and \$12 three years. Single copy, 50 cents.

All other countries \$6 one year, \$11 two years. \$15 three years. Three weeks notice is required for a change of address. Please furnish both old and new address.



**COVER**

Action at Yuma, Arizona test station as "Golden Knights" set a new record on 600m with delay jump. Photo by SFC. Joe M. Gonzales.



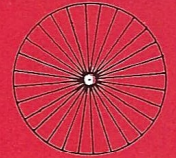
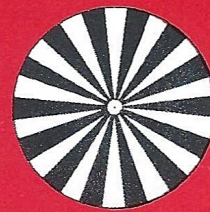
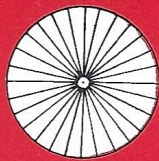
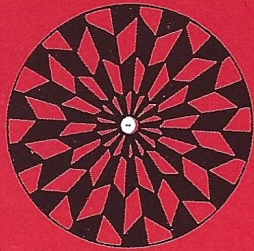
**FEATURES**

- "Golden Knights" Set Records at Yuma, Arizona . . . . by Lt Wil Goodrich 6
- Raymond Young . . . . personality by Stan Mott 15
- Aero Indicator . . . . product evaluation 16
- The Ideal Jumper's Wife . . . . by A. W. Whitworth 17
- Opening Sequence . . . . pictorial by Bud Kiesow 18
- Victoria, Australia Championships . . . . 20

**DEPARTMENTS**

- Around The Drop Zone 4
- Letters To The Editor 5
- P.S. 23





## \*\*\* AROUND THE DROP ZONE \*\*\*

It probably is not even worthy of mention, except that it *is* about our favorite sport, and you might hear about it and decide to waste your money by going to see it, if someone can convince the local theater manager to show it. It is a movie called "Panic At Half Moon Hill!" The pitch sheet that we received states that their production (Cardoza-Francis) is about "Skydiving, the Deadliest Sport in the World!" It includes a school for thrill jumpers, a nympho, an airplane with the wires jimmied, and on the night of the big jump from 16,000 feet, Suzy and Frankie slip into the hangar during a twist dance, pour a bottle of

acid into Harry's chutes. Harry augers in, and his wartime buddy shoots Frankie and Suzy down as they attempt to make their way up Half Moon Hill! Crazy, Man! Like lets twist, Dad! Go, Go, Go!

available shortly. What is needed now is an estimate of the number of jumpers in the midwest who would be interested in being checked out to 35,000 feet.

For further information, and to be put on a mailing list, send letter or postcard to:

### BASIC PHYSIOLOGICAL FLIGHT COURSE

Is anyone interested in taking a physiological training course at Ohio State University in Columbus, Ohio, within the next 7 months?

The plans are in the formative stage now, but the cost, and length of the course, will be definitely

Mark Baron D-108  
224 Southern Ave.  
Cincinnati 19, Ohio

We have enjoyed reading newsletters such as the DZ, published by the Huntsville, Alabama Skydivers; the Manifest, Tri-State Sky-

*(continued on page 21)*

## Everything For The Skydiver

Complete Rigs	Instruments
Single Chutes	Goggles
Canopies	Megaphones—Loud Speakers
Harness	Books—Log and Instruction
Packs	Wind Drift Indicators
Sleeves	Packing Mats and Tools
Pilot Chutes	Emblems—Patches—Decals
Risers	Walkie Talkie Sets (Communication)
Static Lines	Jewelry
RipCORDS	Webbing
RipCORD Pockets	Tape
Housings	Thread
Comfort Pads	Smoke Signals
Extra Hardware	Batons
Helmets	Shroud Line
Coveralls	Drop Zone Markers
Boots	Binoculars
Cinch-Down Straps	Telescopes
Automatic Openers	First Aid Equipment
Instrument Boards	Life Preservers

Send 50c today for your Pocket Size Catalog of our Sport Parachuting Equipment and take 50c credit on first \$10.00 order sent us.

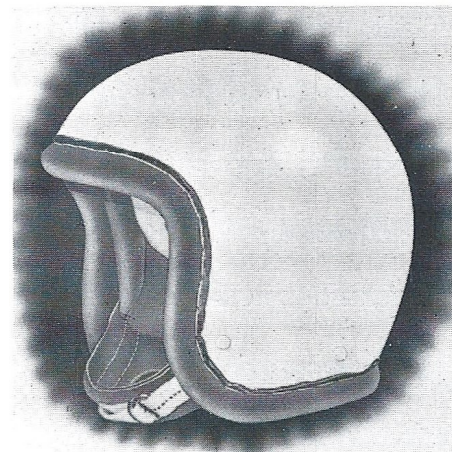
## McELFISH PARACHUTE SERVICE

2615 Love Field Drive Dallas 35, Texas

Phone: FLEETWOOD 1-5343  
Area Code 214

# McHAL

## "SKYDIVER"



You can always depend on the McHal "Skydiver" helmet. This helmet was specifically designed for you, the parachutist. It is reasonably priced, comfortable, and attractive. Note the leather covered soft edge, and double chin strap. McHal was first in introducing every new safety feature now appearing in helmets throughout the world. Now it has introduced the "Skydiver", the ultimate in parachuting helmets for your safety. Order by size 63/4 to 75/8.

See your dealer or write or phone direct to:

**McHAL ENTERPRISES, INC.**

583 North Prairie Avenue, Hawthorne 15, Calif.

Phone: OS 6-4660



# LETTERS TO THE EDITOR

Enclosed is a poor try at a poem, which just about expresses my attitude towards Sport Jumping. If you would like to print it please do. If not, burn it, and we'll call it a bad try at being sentimental.

Bob Buckner  
Los Angeles, California

Good bye Sky  
For ever I guess  
I'll know you no more  
My Chute laid to rest

Never again the feel of the blast  
The beat of my heart  
Or the air rushing past  
The opening Shock

The wide open track  
The turn or the loop  
Or just the pack on my back  
And on a good day

When the Sun is high  
I always remember  
Then Sigh  
Good bye Sky

I think your magazine is coming along great. The pictures are real top flight. In fact, the magazine is terrific.

I have only been jumping since October. I think it is just about the greatest sport in existence today. I do most of my jumping at Piru. This friend of mine and I have been thinking of starting a club here in Pasadena. Any ideas on how to get started?

Richard E. Lambert  
Pasadena, California

*Yes, Richard, contact Parachute Club of America, Box 409, Monterey, California for information on forming a parachute club.*

I am a member of the Pensacola Sky Diving Club, and I have seen a copy of PARACHUTE magazine just recently. I was very impressed with it and would like to have the first few copies from Vol. 1 No. 1, so as

to have all issues from the beginning.

Enclosed is a money order for \$5.00 — my subscription. Please enclose the back issues and bill me for them. I will be more than happy to pay any expenses in sending them also.

Thanking you, and saying: "Keep up the good work?", I remain,

Sincerely yours,  
Peter J. Crosby  
Pensacola, Florida

I thank you very much for the nice magazine that you sent to me recently. Your nicely edited magazine is of greatest interest for me as a parachute jumper and training manager of polish equipe. I shall try to send you some Polish books on parachuting. Thank you once more for your kindness.

Ireneusz Zapasnik  
Gdansk, Poland

(continued on page 21)



## RIPCORD

**\$3<sup>00</sup>**

**Everything is real but the risks!**

There's no shortage of thrills in this game based on the exciting TV show. Players vie for the big money, trying to land a miniature parachute on rescue areas. Complete with 4 plastic airplanes, real parachute and ejector, assignment cards, plastic playing pieces, play money and giant-sized board. A game of skill for 2 to 4 players.

RIPCORD, 5735 Benner Street, Los Angeles 42, Calif.

# 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' . . . . . \$135.00**

**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 Capwell 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, 10-20 mph forward speed and can " HIT THE SPOT." A \$200.00 value. OUR SPECIAL PRICE: \$135.00

**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 HUNDINGER for Competition" . . . . . \$125.00**

**WORLD'S SPORT SET - \*BLANK GORE, Brand New Surplus . . . . . \$115.00**  
Complete set, same as above set except for Modified Gore.

**32' B-4 Black - \*T-GORE - Sleeve - Dual Purpose - Twill Weave . . . \$110.00**

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

COLORED CANOPIES: \$10.00/extra  
\*Single T-Gore . . . \$ 80.00  
\*Double T-Gore . . . \$ 80.00  
\*Double Blank Gore \$ 90.00  
\*Blank Gore . . . . . \$ 80.00  
\*T-U Gore . . . . . \$100.00

\*Modified under special license of Capital Parachuting patent—Steerable parachute No. 3,913,7531.

**24' T-7-A Reserve Chute, Brand New Surplus . \$45.00 . Used . \$35.00**  
TSO-C23 APPROVED FRESH PACKED



# Yuma --





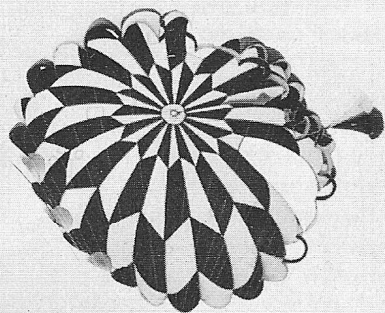
# Golden Knights set 42 world records

By LT. WIL GOODRICH

U.S. ARMY PHOTOS BY SFC. JOE M. GONZALES



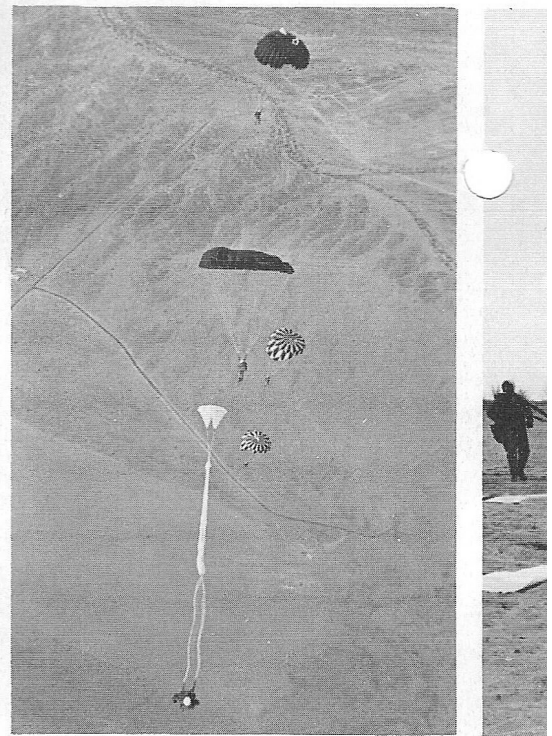
*Sgt Sebastian DeLuca at 6,500 feet over Yuma Test Station.*







*Where is your leader? We came from there!*



*A very good opening shot, with other chutes in background.*

# Yuma

The most intensive and successful onslaught of the world parachute record book ended last month as the United States Army Parachute Team departed the Yuma Test Station, Ariz., for their home at Fort Bragg, North Carolina.

Jumping five and sometimes six days a week, the Golden Knights broke and set 42 world records of which the Team has claimed 38 as world standards. With ten records set last year the Team's total ended up as 48 accuracy records while they reduced the Soviet total to 38.

*Not men from mars, but Golden Knights with rotating beacons!*



Daily jumping began at 2:00 PM with an average of three daylight lifts. After a break for darkness, two or three lifts an evening wound up the days activities. Two different aircraft, the U1A Otter, a nine-passenger, single engine ship and the twin-engined CV 2-B Caribou were used for the attempts. In moving towards the records the individual jumpers averaged over 50 jumps in 18 days of jumping. SFC Gerald Bourquin passed the 1,000 free-fall mark while SSgt Dick Fortenberry topped the 1,000 total jump statistic.

When the Army Team arrived at the Yuma Test Station on January 21st, only 10 of their 25 world records remained, following a strong bid by Communist Bloc nations to reassert their domination over accuracy records. Although it had taken the Team almost three months in 1962 to break the 25 records, Lt. Roy Martin, the Team Commander, set a goal of 30 or more records in just one month!







The first week of jumping got off to a slow start with only four marks falling to the Team. A good omen, however, was their first record when it proved to be a former Russian mark; the first of 16 to fall to the Team.

During the second week jumping improved, and eight standards fell to the Knights in five days. In addition five of the marks were night records, the first ever to be broken by the Team. The Team was still three records of the desired pace.

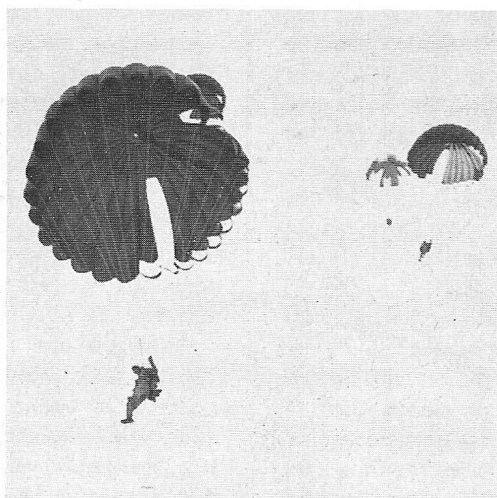
With the beginning of the last half of the allotted time for record attempts the picture rapidly changed. Monday of the third week found three more day records falling to the Team and that night the first night individual mark was broken by Sgt. Loy Brydon. His record was a former Romanian possession that had weathered three years of attempts. Sgt. Brydon had to better a landing distance average for two jumps of 1.45 meters to break the record. His average distance from target center was just 55 centimeters, a little over a foot and a half! Before winds cancelled jumping on Friday, 14 records had been broken by the Army Team.

*A couple of clear and pull's.*

Sgt. Sherman Williford and 1st Lt. Roy Martin, the Team Commander, had each taken an individual night record. Sgt. Williford went 1,000 meters higher than Sgt. Brydon for an immediate opening jump from 2,000 meters, about 5,500 feet, and averaged 2.33 meters from dead center to capture the Polish held record. An individual Russian held record fell to Lt. Martin on another immediate opening attempt from 1,500 meters. His landing distance average was 3.08 meters, and bettered the five year old Russian mark. In three weeks the Team had reached their goal of 30 records. The record total then stood at Russia, 43 accuracy records, the Army Parachute Team, 38. The new goal was to beat the Russians and only one week to do it in!

Time was growing short for the Team and Monday of the fourth week began with winds cancelling all jumping. Prospects began to look dim for achieving the new goal as Tuesday was winded out and Wednesday began with 20 knot winds. Day jumping was cancelled but the forecast was for calm winds with sunset. To exceed the Soviets, the Team had to either break three Red marks

*Ouch! Said Sgt Sherman Williford.*







*Joe snaps his own shadow as other jumpers drop away and peel off.*

or set six others. The easiest route was to break the Russian marks and on the last jump of the night three Soviet records fell. Nine jumpers left the Army Otter aircraft at 1,000 meters for an immediate opening attempt. The old Russian marks for the nine, eight and seven man records were 7.56m, 16.72m and 14.49m. The Golden Knights average 5.78m with nine jumpers. This was good enough to break the nine man record and eclipse the eight and seven man marks. For the first time in the history of sport parachuting the United States held more parachute accuracy records than the U.S.S.R.; for Russia, 40, the U.S. Army Team 41. By Saturday, the last day of record attempts, the total had risen to 48 for the Team and dropped to 38 for the U.S.S.R.

A final tabulation finds that the Golden Knights set 42 records while at the Yuma Test Station. Thirty-eight will be submitted to the Federation Aeronautique Internationale in Paris, France, for homologation. If approved the Team will hold 48 accuracy records and 56 national standards. Of the 48, night standards number 24. Previous holders of 16 of the records was the Soviet Union.

As the Team departed Yuma it was noted that in one month they had broken twice as many records as they had a year ago in three months. The reasons for the Team's success was summed up by Lt. Roy Martin.



*Sgt. Loy Brydon tries a slide!*

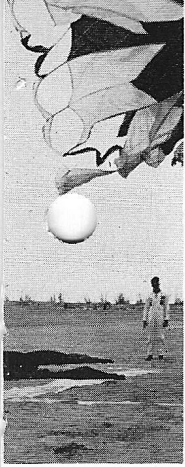


*Reaching for the light!*

"Naturally, there are many reasons. Of course there has been an increased proficiency due to training over the last year. The equipment has improved as well. With the exception of the few days we were winded out, the weather has been perfect with unlimited visibility and a warm temperate climate. However, one of the most important reasons was the excellent support and cooperation of the Yuma Test Station personnel under the command of Colonel James Taylor. In particular we are indebted to Lt. Col. Raymond Hodgdon, commanding officer of the Airborne Test Facility, and his personnel, for the best support and aid we've ever received. Although we are a Team in ourselves, Col. Hodgdon and his men supported us like they were one of us. It was through their efforts that we were finally able to top the Soviets. It was truly an all-American effort. We did the actual jumping, but the support came from the Army and the Air Force who evaluated the record attempt instruments. It couldn't have been done without the support."

One goal now remains for the Army Parachute Team. There are 32 altitude records and the Soviets hold the majority of those marks. To capture the altitude standards the Knights must jump from over 80,000 feet. It's the next goal for the Team and the only problem that stands in their way is transportation — up.





*Dick Fortenberry with his curved sunglasses. Yes, he jumps with them!*



*SSgt Gene Thacker on a clear and pull*







*Phil VanderWeg shown during one of his three dead centers at Yuma!*





*Loy Brydon and seven teammates exit the Caribou*



PARACHUTE RECORDS HELD BY THE UNITED STATES ARMY PARACHUTE TEAM

AS OF 16 FEBRUARY 1963

DATE SET	CLASS	ALT.	TYPE	D or N	TEAM SIZE	MARK	FORMER HOLDER	STATUS & REMARKS
27 Jan 62	G-II-c	2000m	w/o dly	Day	4 man group	2.329m	New	Nat'I Record
31 Jan 62	G-I-d	2000m	w/o dly	Day	Individual	.825m	New	World Record
31 Jan 62	G-II-c	2000m	w/o dly	Day	9 man group	4.946 m	USSR	World Record Re-broken by USSR, USAPT.
2 Feb 62	G-II-c	2000m	w/o dly	Day	3 man group	1.48 m	Czech.	Nat'I Record Re-broken by E. Germany
3 Feb 62	G-II-c	2000m	w/o dly	Day	6 man group	1.808m	USSR	
3 Feb 62	G-II-c	2000m	w/o dly	Day	7 man group	3.208m	USSR	
3 Feb 62	G-II-c	2000m	w/o dly	Day	8 man group	3.450m	New	
17 Feb 62	G-II-c	1000m	w/o dly	Day	6 man group	3.878m	New	Nat'I Record Broken by USSR
17 Feb 62	G-II-c	1000m	w/o dly	Day	7 man group	3.800m	USSR	Nat'I Record Broken by USSR
17 Feb 62	G-II-c	1000m	w/o dly	Day	8 man group	5.592m	USSR	World Record
17 Feb 62	G-II-c	1000m	w/o dly	Day	9 man group	5.563m	Rumania	World Record Re-broken by USSR, USAPT.
18 Feb 62	G-II-c	600m	w/o dly	Day	7 man group	4.689m	Rumania	Nat'I Record Broken by USSR
18 Feb 62	G-II-c	600m	w/o dly	Day	8 man group	3.468m	New	Nat'I Record Broken by USSR
20 Feb 62	G-II-c	1500m	w/o dly	Day	9 man group	3.867m	USSR	World Record
22 Feb 62	G-II-c	600m	w/o dly	Day	9 man group	5.425m	New	Nat'I Record Broken by USSR
28 Feb 62	G-II-d	1500m	w/dly	Day	5 man group	4.718m	USSR	World Record
2 Mar 62	G-II-c	1500m	w/o dly	Day	5 man group	1.770m	USSR	Nat'I Record Broken by USSR
4 Mar 62	G-II-d	2000m	w/dly	Day	3 man group	.97 m	USSR	Not Accepted - Broken by E. Ger. & USAPT
5 Mar 62	G-II-d	2000m	w/dly	Day	5 man group	3.996m	USSR	Not Accepted - Broken by E. Ger. & USAPT
13 Dec 62	G-II-c	1000m	w/o dly	Day	9 man group	4.995m	USSR	World Record
13 Dec 62	G-II-c	1000m	w/o dly	Day	9 man group	2.802m	USSR	World Record
15 Dec 62	G-II-d	1500m	w/dly	Day	9 man group	5.407m	USSR	Nat'I Record Did not exceed USSR
16 Dec 62	G-II-d	600m	w/dly	Day	3 man group	1.770m	New	Nat'I Record Did not exceed USSR
16 Dec 62	G-II-d	600m	w/dly	Day	5 man group	3.064m	New	World Record
16 Dec 62	G-II-d	600m	w/dly	Day	6 man group	6.35 m	USSR	Later exceeded by USAPT
18 Dec 62	G-II-c	600m	w/o dly	Day	9 man group	3.09 m	New	Nat'I Record Did not exceed USSR
19 Dec 62	G-II-d	600m	w/dly	Day	7 man group	8.948m	New	Later exceeded by USAPT
22 Jan 63	G-II-d	2000m	w/dly	Day	9 man group	3.028m	USSR	World Record
22 Jan 63	G-II-d	2000m	w/dly	Day	8 man group	3.028m	E. Ger.	World Record
23 Jan 63	G-II-d	1500m	w/dly	Day	8 man group	5.750m	New	World Record
23 Jan 63	G-II-d	1500m	w/dly	Day	7 man group	5.750m	New	Exceeded later by USAPT
28 Jan 63	G-II-d	600m	w/dly	Day	7 man group	4.80 m	New	World Record
28 Jan 63	G-II-d	600m	w/dly	Day	6 man group	4.80 m	USSR	World Record (USAPT also)
28 Jan 63	G-II-c	1500m	w/o dly	Night	5 man group	8.92 m	USSR	Later exceeded by USAPT
28 Jan 63	G-II-c	1500m	w/o dly	Night	4 man group	8.92 m	New	Later exceeded by USAPT
28 Jan 63	G-II-c	1500m	w/o dly	Night	3 man group	2.762m	Czech.	World Record
30 Jan 63	G-II-d	600m	w/dly	Day	8 man group	9.48 m	New	World Record
31 Jan 63	G-II-c	1000m	w/o dly	Night	3 man group	.75 m	USSR	World Record
31 Jan 63	G-II-c	1000m	w/o dly	Night	6 man group	5.90 m	USSR	World Record
4 Feb 63	G-II-d	2000m	w/dly	Day	5 man group	2.16 m	Czech.	World Record
4 Feb 63	G-II-d	2000m	w/dly	Day	7 man group	2.16 m	New	World Record
4 Feb 63	G-II-d	2000m	w/dly	Day	6 man group	2.16 m	New	World Record
4 Feb 63	G-I-d	1000m	w/o dly	Night	Individual	.55 m	Rumania	World Record
5 Feb 63	G-II-c	2000m	w/o dly	Day	9 man group	3.89 m	USSR	World Record
5 Feb 63	G-II-d	1500m	w/dly	Day	7 man group	3.53 m	USSR	World Record
5 Feb 63	G-I-d	1500m	w/o dly	Night	Individual	3.08 m	USSR	World Record
6 Feb 63	G-II-c	2000m	w/o dly	Night	6 man group	8.17 m	New	Later exceeded by USAPT
6 Feb 63	G-II-c	2000m	w/o dly	Night	7 man group	8.17 m	New	World Record
6 Feb 63	G-II-c	2000m	w/o dly	Night	8 man group	8.17 m	New	World Record
6 Feb 63	G-II-c	2000m	w/o dly	Night	9 man group	8.17 m	USSR	World Record
7 Feb 63	G-II-d	2000m	w/dly	Day	4 man group	1.31 m	Yugo.	World Record
7 Feb 63	G-II-d	2000m	w/dly	Day	3 man group	1.31 m	E. Ger.	World Record
7 Feb 63	G-I-d	2000m	w/o dly	Night	Individual	2.33 m	Poland	World Record
7 Feb 63	G-II-c	2000m	w/o dly	Night	6 man group	4.61 m	New	World Record
7 Feb 63	G-II-c	2000m	w/o dly	Night	5 man group	4.61 m	USSR	World Record
7 Feb 63	G-II-c	2000m	w/o dly	Night	4 man group	4.61 m	New	World Record
7 Feb 63	G-II-c	2000m	w/o dly	Night	3 man group	4.61 m	USSR	World Record
13 Feb 63	G-II-c	1000m	w/o dly	Night	9 man group	5.78 m	USSR	World Record
13 Feb 63	G-II-c	1000m	w/o dly	Night	8 man group	5.78 m	USSR	World Record
13 Feb 63	G-II-c	1000m	w/o dly	Night	7 man group	5.78 m	USSR	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	9 man group	4.14 m	USSR	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	8 man group	4.14 m	New	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	7 man group	4.14 m	New	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	6 man group	4.14 m	New	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	5 man group	4.14 m	USAPT	World Record
14 Feb 63	G-II-c	1500m	w/o dly	Night	4 man group	4.14 m	USAPT	World Record
16 Feb 63	G-II-d	1000m	w/dly	Day	8 man group	2.93 m	Czech.	World Record
16 Feb 63	G-II-d	1000m	w/dly	Day	7 man group	2.93 m	USSR	World Record
16 Feb 63	G-II-d	1000m	w/dly	Day	6 man group	2.93 m	New	World Record



# raymond young

*Raymond Young in front of 1926 Farman Monoplane.  
Photo taken in 1956.*



by STAN MOTT

Paris, France — Raymond Young, a tall, French-American, lived in France for the part of his life. When WW2 broke out, he moved to America and joined the U.S. Army signal corps. The end of hostilities in 1945 allowed him to return to France and devote his time and interest to writing novels on philosophy, acting, and living the life which only France has to offer. Little did he know on that afternoon when he walked into a Parisian barber shop in 1951 and started thumbing through a woman's magazine, that his future would soon take an abrupt turn upwards, into the air. That he would soon be jumping out of airplanes, that he would be a forerunner in bringing a sport to America, that he would be among a cluster of nine men grasping one another and falling earthwards, and that he would be the man to coin the word "Sky Diving".

The article he read in the woman's magazine described how the sport of jumping out of airplanes and floating to earth with a parachute appealed to the French man and woman. The something that "clicks" and suddenly tells a man that, "he should be doing this and should have been doing it all his life" did "click" with Raymond Young. He joined the Neuilly Aero-Club and started taking jump lessons. Every weekend was devoted to practice at La Ferte

Gauche air field, 50 miles from Paris. Raymond concentrated his efforts on style and precision which eventually gave him confidence enough to make a 13,000 ft., 75 second delay jump. This sport which was so exhilarating and challenging, so free and full-filling, but still limited in popularity to the European Continent, caused Raymond Young to wonder why the sport had not caught on in the United States. He decided to find out why and traveled to America. Without much effort, he found that safety conscious airport officials and others were against it. "Dare devils" and "exhibitionists" at county fairs were allowed to jump, but under the most stringent conditions. The average Joe who wanted to try something new and exciting by taking his own risks in a free-fall in 1951, was met with a barrage of "nos" by people who felt they knew how to better care for his own safety. The same age old story; without precedent, there are few in favor of anything. A lesser man would have given up then, but the opposition spurred Raymond Young to find an airfield in America which would allow him to make a free-fall jump. He tried New York, Connecticut, Massachusetts, and Rhode Island and received the same answer, "no". This was back in July, 1953. After a month of discouragement in the east coast, Raymond went west to Pennsylvania. He found a couple of sympathetic and curious officials at Benedict Airfield near Markers Hook who

figured it was his neck and finally gave their OK to the jump, providing they could watch the whole thing. On August 2, 1953, possibly the first free-fall jump was made by someone who was not a paid "dare devil" or a pilot leaping for his life out of a crippled airplane. It was only a 4,400 ft. venture, but was followed by twenty more jumps which Raymond made on following weekends. During this time, Raymond contacted the public medias, radio and the press. As the news spread, crowds came out to Benedict Airfield to watch the "crazy Frenchman" fall through space and pop the little cloud of safety which gently set him on the earth in one piece.

In September, 1953, Raymond wrote an article for Flying Magazine in New York, called "The Free-Fall French". In April, 1954, it was published and in describing the sensation of free-falling, Raymond Young used the term "Sky Diving" for the first time. Those who remember the article probably remember the impact which it left on them! Letters poured into the editorial offices of Flying Magazine requesting more information about "Sky Diving". The seed was planted and as interest in the sport started to take root in America. Raymond, the planter, returned to France to become a foreign correspondent for the American N.P.J.R. Bulletin. He was no longer an "eccentric exhibitionist" in America, but a respected tech-

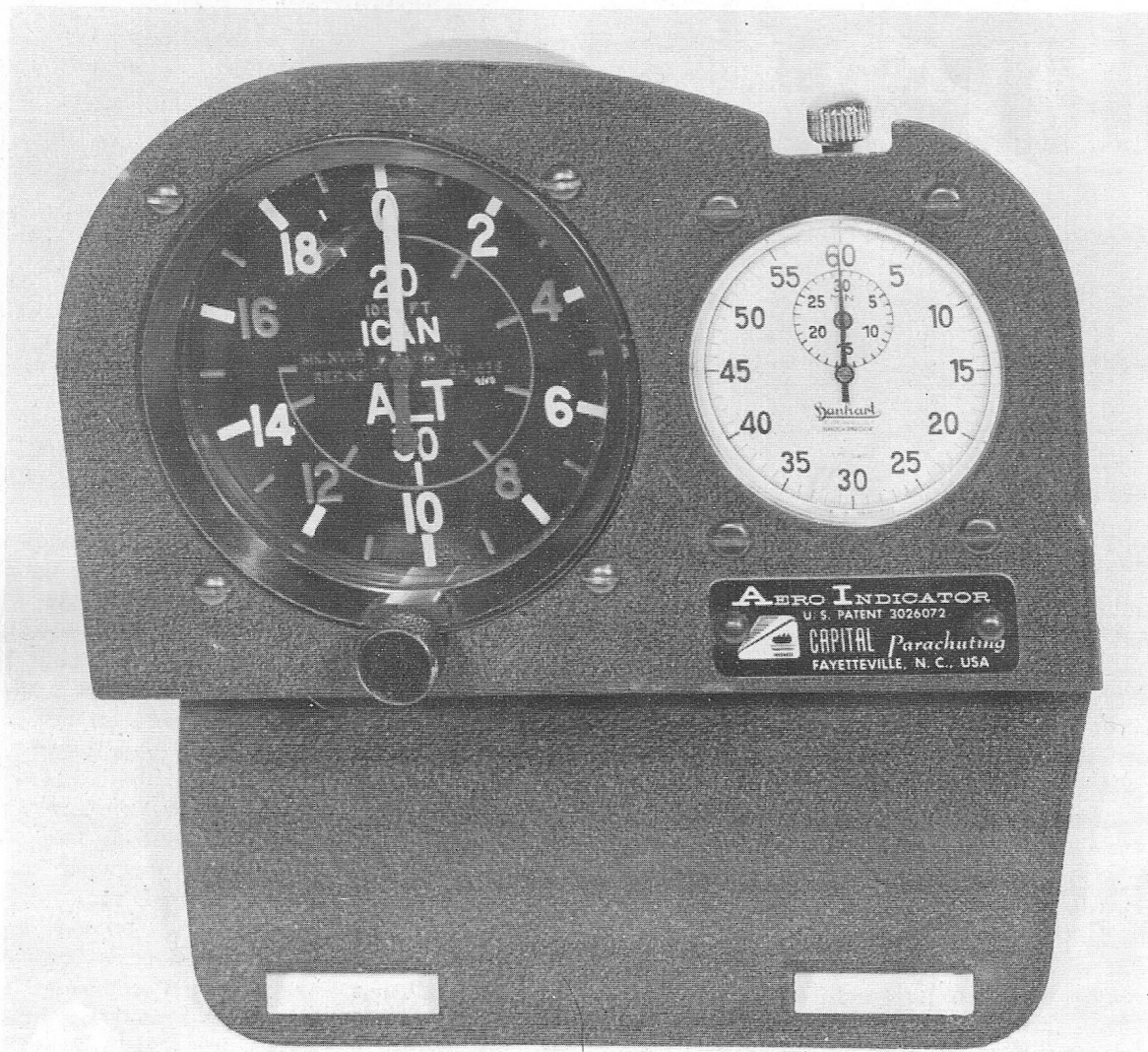
(continued on page 22)

MARCH 15



# Aero Indicator

## PRODUCT EVALUATION



Mr. Curtis W. Hughes of Capital Parachuting Enterprises provided us with the opportunity to evaluate a new Aero Indicator instrument panel, and I must say, we were very much impressed! The Aero Indicator is by far the most beautiful instrument panel that we have seen, and it is practical as well.

The low profiled Aero Indicator features a blended face outlined to the instruments for good visibility and reduced air resistance surface. The black crackle finish on the panel is both pleasing and professional in appearance, while the new surplus 0 – 20,000 foot altimeter and the 7-jewel shockproof 60 second stopwatch are the best that money can buy.

We have tested this unit, we jumped it, and we like it. It drew a lot of comment on the drop zones, indicating that other people like it as well as we do. It is used by the "Golden Knights" U.S. Army Parachute Team, the U.S. Parachute Team, and by the jumpers on the Ripcord TV show. It must be the best.



# the ideal wife .....

By A.W. WHITWORTH

MANY JUMPERS, LIKE OTHER SPORTSMEN, BECOME MARRIED AT SOME TIME IN THEIR LIVES. NATURALLY, A JUMPER'S LIFE IS MADE EASIER IF HE IS MARRIED TO A WOMAN WHO UNDERSTANDS HIS PROBLEMS AND TRIBULATIONS, AND IS WILLING TO BE A HELPMATE. MODERN WOMEN, BEING GREGARIOUS BY NATURE, ARE INSTANTLY ATTRACTED TO ANY FORM OF "TOGETHERNESS". A GOOD, WELL-TRAINED WIFE CAN PROVE AS VALUABLE AN ASSET AS A LIGHTED WIND DRIFT INDICATOR OR A PAIR OF CREPE-SOLE BOOTS. SHE CAN BE UTILIZED TO PACK SANDWICHES, SHINE BOOTS, AND OPEN BOTTLES. WE HAVE ALL ATTENDED MEETS AT WHICH SOMEONE'S WIFE HAS KEPT THE MANIFEST OR DISPENSED THE COFFEE.

JUMPERS WHO ARE ALREADY MARRIED CAN DO LITTLE TO CHANGE THE ATTITUDES OF THEIR WIVES. HOWEVER, THESE FELLOWS HAVE USUALLY SETTLED THIS PROBLEM LONG AGO, IN SIMILAR FIELDS OF ENDEAVOR, SUCH AS CYCLE RACING OR SKINDIVING. IT IS WITH THE SINGLE JUMPER WE ARE CONCERNED. IF ANYONE READING THIS ARTICLE IS CONSIDERING MARRIAGE (AFTER THOUGHTLESSLY DISREGARDING ALL ADVICE FROM HIS MARRIED BUDDIES), HE WOULD BE WISE TO STUDY THE FOLLOWING GUIDE TO SELECTING AND TRAINING OF THE IDEAL JUMPER'S WIFE.

NOTE: NO SINGLE WOMAN CAN BE EXPECTED TO POSSESS ALL OF THESE QUALITIES IN HER NATURAL STATE. BE PATIENT, START EARLY, AND BE SURE TO HAVE A GOOD START ON HER TRAINING BEFORE THE FINAL CONTRACT IS SIGNED. REMEMBER, A WELL-TRAINED WIFE CAN BE A VALUABLE ASSET.

1. RUGGED. A JUMPER'S WIFE SHOULD BE STURDILY BUILT. IT IS EASY TO VISUALIZE HOW ROUGH IT COULD BE FOR HER, LUGGING YOUR RIG IN FROM THOSE "OUT" JUMPS. DAILY EXERCISES SHOULD HELP GET HER IN SHAPE. HOWEVER, THIS QUALIFICATION SHOULD BE TEMPERED WITH NUMBER 2.

2. ATTRACTIVE. A JUMPER'S WIFE SHOULD BE ATTRACTIVE. ANY DROP ZONE IS IMPROVED BY THE PRESENCE OF A NUMBER OF LOVELY CREATURES WALKING AROUND IN SHORTS. A PAIR OF NICE LEGS IMPROVES THE MORALE OF EVERYBODY AND INCREASES THE FELLOWSHIP OF THE SPORT.

3. LOYAL. A JUMPER'S WIFE SHOULD BE LOYAL. KNOWING SUFFICIENT ABOUT THE SPORT, SHE SHOULD BE ABLE TO SAY, "DIDN'T YOU SEE THAT SUDDEN CROSS WIND CATCH JOE"? OR "I DON'T THINK HE MEANT TO STAND UP THAT TIME". SHE SHOULD BE FIRMLY CONVINCED THAT HER HUSBAND IS THE BEST JUMPER (FOR HIS EXPERIENCE) IN THE LOCAL SPC.

4. CAPABLE. A GOOD JUMPER'S WIFE SHOULD KNOW HOW TO MIX A "FLAMING STREAMER" AND HOW TO KEEP THE EVENING BEER COLD ALL DAY IN THE SUN. SHE SHOULD BE HANDY WITH A SHOEMAKER'S NEEDLE AND SHOULD KNOW HOW TO COOK A STEAK OUTDOORS.

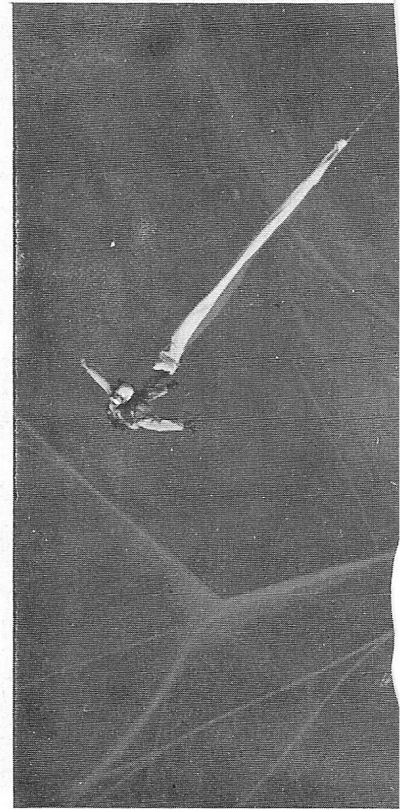
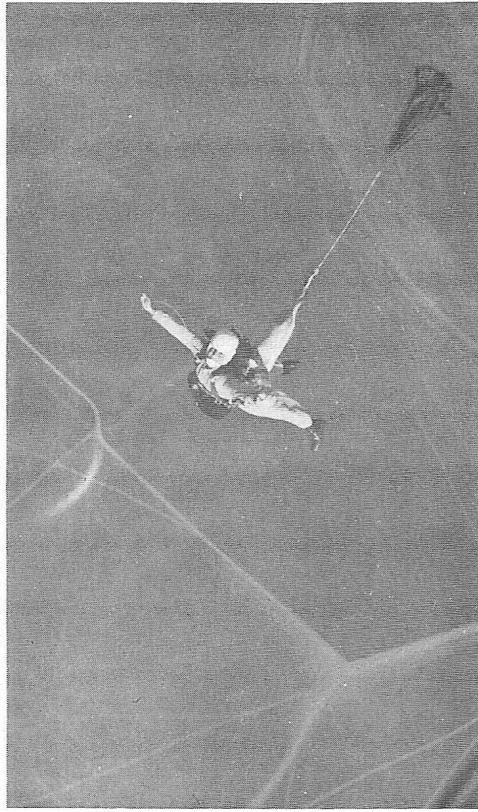
5. SENSIBLE. SHE SHOULD HAVE A GOOD SENSE OF PROPORTION. SHE SHOULD REALIZE THAT NEW RUGS AND FURNITURE ARE NEEDLESS LUXURIES WHEN THERE ARE RIGS TO BE BOUGHT. SHE SHOULD ALSO REALIZE, LIKE MANY OTHER DUTY-BOUND WIVES, THAT A DAY OR NIGHT PHONE CALL MAY REQUIRE HER HUSBAND TO SUDDENLY BE GONE FOR HOURS.

6. QUIET. A GOOD JUMPER'S WIFE SHOULD NEVER INTERRUPT A JUMP STORY. SHE SHOULD BE SEEN AND NOT HEARD, EXCEPT WHEN DISCUSSING HER HUSBAND'S VIRTUES.

7. PATIENT. SHE SHOULD BE WILLING TO ACT AS A SHOTBAG, PATIENTLY AND WITHOUT OBJECTION SITTING ON THE SUSPENSION LINES WHILE HER HUSBAND LEAVES TEMPORARILY TO WATCH A WIND DROP OR TO GREET A BUDDY. SHE SHOULD REALIZE THAT NIGHTS WITH FULL MOONS WERE MADE FOR NIGHT JUMPING, AND SHOULD BE ABLE TO SIT QUIETLY IN THE CAR WHILE HER HUSBAND WALKS A COUPLE OF MILES BACK TO THE DROP ZONE AFTER THE JUMP.

8. MOST IMPORTANT. SHE SHOULD LEAVE HER HUSBAND'S PARACHUTES ALONE, EXCEPT ON DIRECT REQUEST, AND SHOULD REALIZE THAT HER PLACE IS ON THE GROUND!

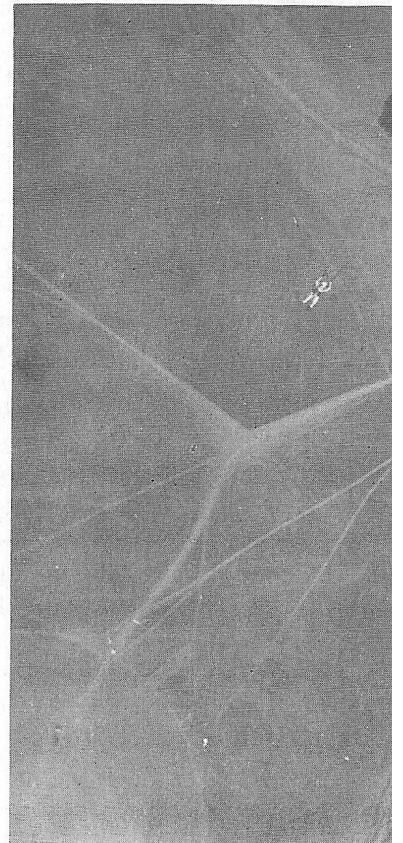
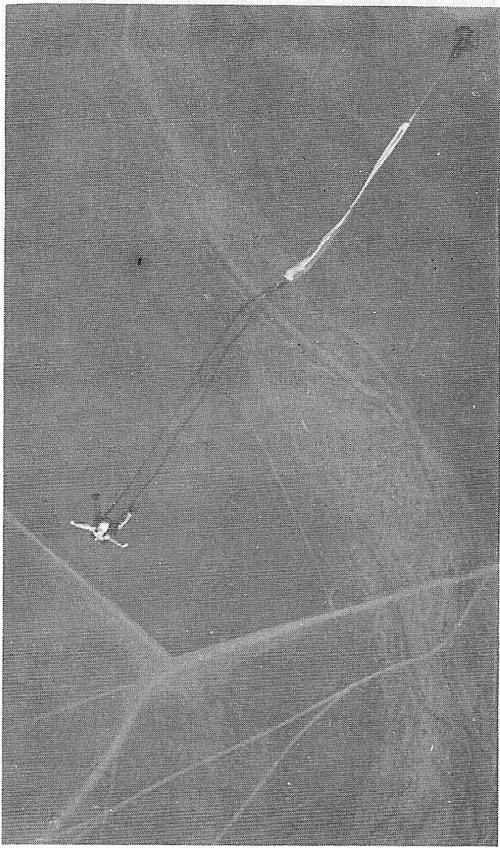




# UNPACKING over elsinore

BUD KIESOW PHOTOS









*Hans Magnusson (foreground) and Bill Molloy after exiting at 7,000 feet over Pakenham, Victoria, Australia. The Pakenham racecourse can be seen in the background.*

# AUSTRALIA

On February 17, 1963, at East Pakenham, Australia, Bill Molloy and Mary Ducan won the Victorian Championships. Bill and Mary are the new Victorian Champions, and will compete in the Australian Championships to be held in South Australia during the Easter Holiday weekend, along with five other of the top six place finishers in the Victorian Championships. Eligible to compete with them are Warren Hutchings, Paul Komaromy, Bob Cawse, Tam Dickinson, and Steve Filak, who finished second through sixth, in the above order.

Highlight of the entire two day meet was the dead center scored by Charles Stewart, a 38 year old builder from Melbourne. This score was made from a 20 second delay, and is the first dead center in Australian competition history. Charles is the president of the Southern Cross Skydivers Club, and president of the Australian Parachute Federation. His closest rival landed two feet away.

A total of 177 competition jumps were made from two aircraft, a Cessna 182, and 185. The fun jumps raised

the grand total to 256 for the weekend. Immediately after the contest, both aircraft were loaded and flown to 12,000 feet. Len Hunter spotted from the 185 and exited with a baton, while Bill Molloy, Ted Harrison, and Alan Jay exited the 182. They did not begin passing the baton until they passed through a cloud at 10,000 feet. Len passed the baton to Ted, then to Bill, and to Claude Gillard.

Bill Molloy, the Australian Sky Diving Champion, is a 24 year old platoon commander with the 1st Battalion, Royal Victoria Regiment, and chief instructor of their parachute club. Bill had the opportunity to attend a six week course with the U.S. Army "Golden Knights" Parachute Team after competing in the 6th World Championships, at Orange Massachusetts. In all, he made 40 jumps from the Caribou, DHC3, and H34 and Hu1B while with the "Golden Knights". Bill hopes to pass on the knowledge gained during his stay in the U.S. to the Australian jumpers, and he looks forward to competing in the 7th World Championships in Poland during 1964.



(continued from page 5)

Hello Parachute Magazine;

Well, after running across your issues of Parachute Magazine in different parts of the country, I finally scrounged one off of Dick Fortenberry and found your address. The only catch is I don't have any money at the present time but I don't want to miss any issues. Sooo! send me a years subscription and *bill* me. I might not have any money later on either but at least I won't be missing any issues. Start with the January issue will ya?

Thank you,

Bob McDonnell (D-10)  
Ward 14A  
Brooke Gen. Hospital  
San Antonio, Texas

(continued from page 4)

diving Club Official Newsletter; The Open Gore, Official Newsletter of the European Military Sport Parachuting Council; the Tennessee Skydivers Bulletin, and the Thunderbird Sky-masters, published by the Sport Parachutists, Inc., Phoenix, Arizona.

Enclosed you will find a five dollar money order for a subscription to PARACHUTE magazine. I am eagerly awating the arrival of your first copy. If you live up to the standards which you have set, it should be a good magazine.

Bob Ranieri,  
Chicago, Illinois



## What P.C.A. Offers

- Parachuting statistics
- Association with parachutists
- Research reports
- Assistance in record attempts
- Competition
- Help to new-forming groups
- Unity of effort
- Training for instructors
- Insurance
- National license system
- Guidance in organization
- Parachutist Magazine
- Representation, local and national
- Orientation and training films
- Growth
- Right to voice in Club
- Education of public
- Safe procedures
- Standard training methods

BOX 409

MONTEREY, CALIFORNIA

## Join EAA EXPERIMENTAL AIRCRAFT ASSOC. INC. Read SPORT AVIATION

"GRASS ROOTS" AVIATION. If you enjoy sport flying or would like to design or build your own airplane . . . then EAA is tailor made for you!

EAA introduces you to Educational and Recreational pleasures everyone can enjoy . . . everyone can afford. Meet the nation's dedicated aircraft home-builders and flyers . . . the designers and builders of aircraft as pictured here. Find out how you too can enjoy this great organization from which future advances in light aircraft development will transpire. EAA's monthly publication SPORT AVIATION opens the door to a wonderful new world of pleasant aviation and education experiences.

### ANNUAL MEMBERSHIP DUES

Member—\$10.00; Jr. Member—less than age 19—\$5.00  
INCLUDES SPORT AVIATION

Write to - EXPERIMENTAL AIRCRAFT ASSOC. INC.  
HALES CORNERS, WISCONSIN

# SUBSCRIBE NOW!

<b>PARACHUTE</b> magazine P.O. BOX 65783 LOS ANGELES 65, CALIFORNIA	<b>U.S.</b>
	<input type="checkbox"/> \$5 1 year <input type="checkbox"/> \$9 2 years <input type="checkbox"/> \$12 3 years
<i>Please enter my subscription</i>	
NAME _____	<b>Foreign</b>
ADDRESS _____	<input type="checkbox"/> \$6 1 year
CITY _____ ZONE _____	<input type="checkbox"/> \$11 2 years
STATE _____	<input type="checkbox"/> \$15 3 years
Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Bill Me	
Foreign Subscriptions Prepaid Only. Please Submit International Money Order.	



(continued from page 15)

nician and forerunner in an exacting new sport.

Raymond continued his activity in jumping in France. He acted as co-American representative to the Federation Aeronautique International conference in Vienna in 1955 where a grand battle took place between East and West over international rules and regulations. He worked on baton passing, two man cluster jump-

ing, and upon occasion, displayed his talents by jumping during French air shows, but the itch for the more unusual and daring was still with him. It has always been a bone of contention when people would confront Raymond with the same question; "can you have your wits about you when falling 32 ft. per second?" His explanations were always half-believed so a demonstration was arranged to prove the point always lost in discussion.

On August 9, 1956, at Fountainbleau, France, the Franch press had it's cameras trained on a Flying Boxcar, 6,000 ft. up. It made a slow, nose up, pass over the field and out of it's rear leaped a black ball of NINE men in a cluster. As they fell, they could be seen holding hands forming a circle. At a given signal, they pushed away and spread out like a flower of nine falling ants. One by one, their chutes opened and they all landed safely. It was a stunt, of course, but one which received international acclaim and set a record for cluster jumping. When asked what it felt like to jump out of an airplane clutching a group of eight men, Raymond answered as follows; "We all knew what was going on when falling, and simply pushed away when the signal was given, opening our chutes as planned." But he went on that warn, "we had rehearsed beforehand and all men involved were experienced jumpers. I'd do it again, but the point was proven beyond a doubt to the public; "a man can think clearly while falling through space."

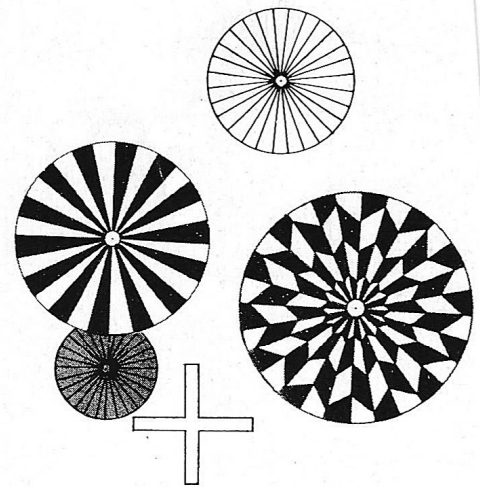
It is Raymond Young's opinion that if more young people were stimulated to become interested in sky diving, the challenge, the thrill, and the tremendous sense of accomplishment would erase their need for violence that IS dangerous to the community. Coming from a man who helped pioneer the sport of parachuting in America, his words have foundation and meaning.

Presently, Raymond Young is involved in becoming a professional singer in France. He still makes his weekend jumps to keep in shape and acts as spokesman for the sport whenever the opportunity arises.

When asked if he found any more interesting sports while thumbing through woman's magazines in Parisian barber shops, he answered, "Oh, I've found lots of them, but none to compare with parachuting!"

# subscribe

## PARACHUTE magazine



FOR PIONEER PARACHUTES SEE

### EDDIE BROWN

WEST COAST DISTRIBUTOR

P.O. BOX 113A PATTERSON, CALIF.  
6017 AIRPORT WAY S. SEATTLE, WASH.

### MG MITTEN

Yes, we stock a complete line of parachuting accessories. Write for 1963 catalog (50¢ deposit refunded with order) showing helmets, coveralls, goggles, gloves, and other items.



Bell 500 TX Helmet . . . . . \$37.00  
Bell Magnum Helmet . . . . . \$49.00

Calif. residents please add 4% sales tax.  
MG Mitten Dept. P, P.O. Box 4156-R  
Pasadena 1, California

## PIRU ☆☆☆ CALIF

JUMP WHERE THE EXPERT JUMPERS TRAIN. TWO CESSNA'S AND A NOORDUYN NORSEMAN ARE AVAILABLE EVERY THURSDAY, AND WEEK-END. BOB REDDICK, PHONE PIRU 781.

## ☆ SKYLARK FIELD ☆

Elsinore, California. Large, beautiful drop zone, expert student facilities, open every day except tuesdays. Come jump with us from our two Cessna's and "Old Red", the Howard.

### JOE CRANE & CO.

FAA CERTIFICATED LOFT 2433  
DEALER FOR

IRVIN . . . . . PIONEER

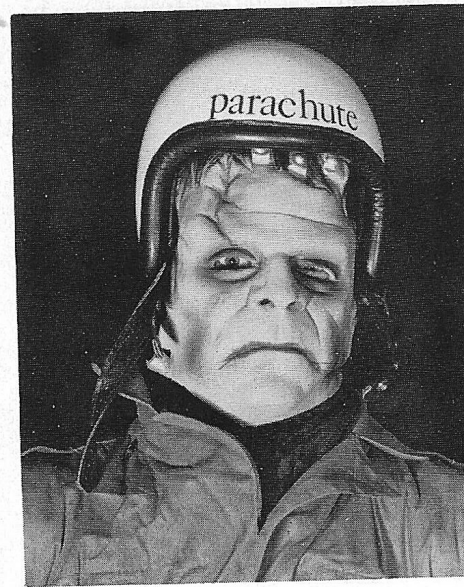
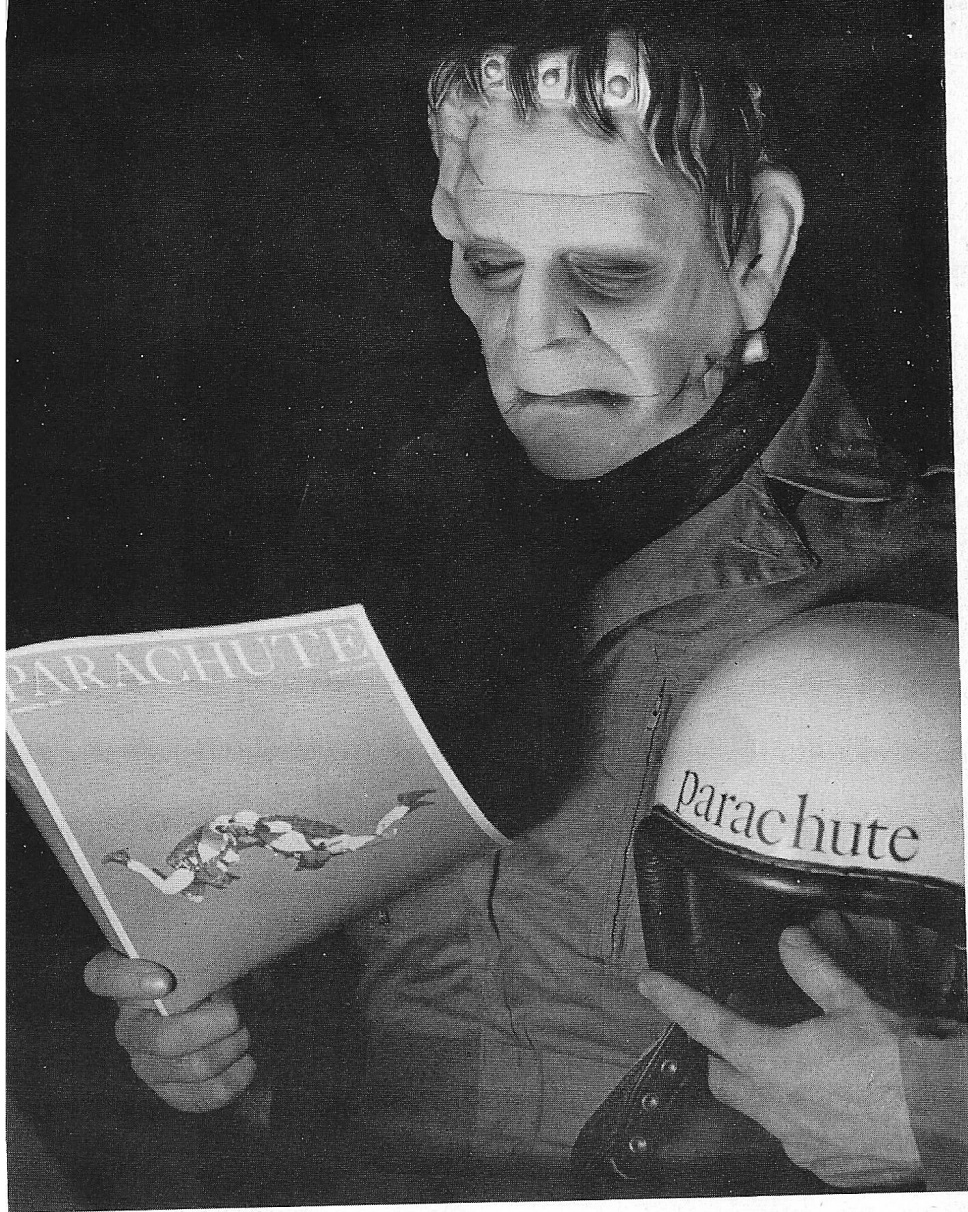
P.O. BOX 164  
MINEOLA, L.I., N.Y.

# TRI-STATE

- Largest Variety of Parachute Equipment in the World.
- Over 5000 Different Items in Stock
- 90% of Orders Shipped Same Day Received
- Over 250 Different Sky Diver Trophies
- Manufacturers of Over 10,000 Sky Diver Patches & 8,000 Sky Diver Decals for Clubs throughout the World.
- 2 Master Riggers, 18 FAA Riggers
- All the Products of Tri - State, Capital, Pioneer, Parachutes, Inc., Parachutist Accessories, Steve Snyder Enterprises, and many others - all from Tri-State!
- Why not join sky divers in Australia, Europe, Asia, & every continent but the Antarctic who order everything from one place at one time, with fast delivery, and a money back guarantee on all purchases? How can you lose? Send 50c in cash or stamps for NEW 1963 illustrated catalog. Credit yourself with 50c on First Order of \$5.00 or more.
- Write or phone today.

TRI-STATE SKYDIVERS, INC.  
Tri - State Parachute Center  
Box 281, RD 1  
Flemington, New Jersey  
PH: HO 6-1250 Area Code 609

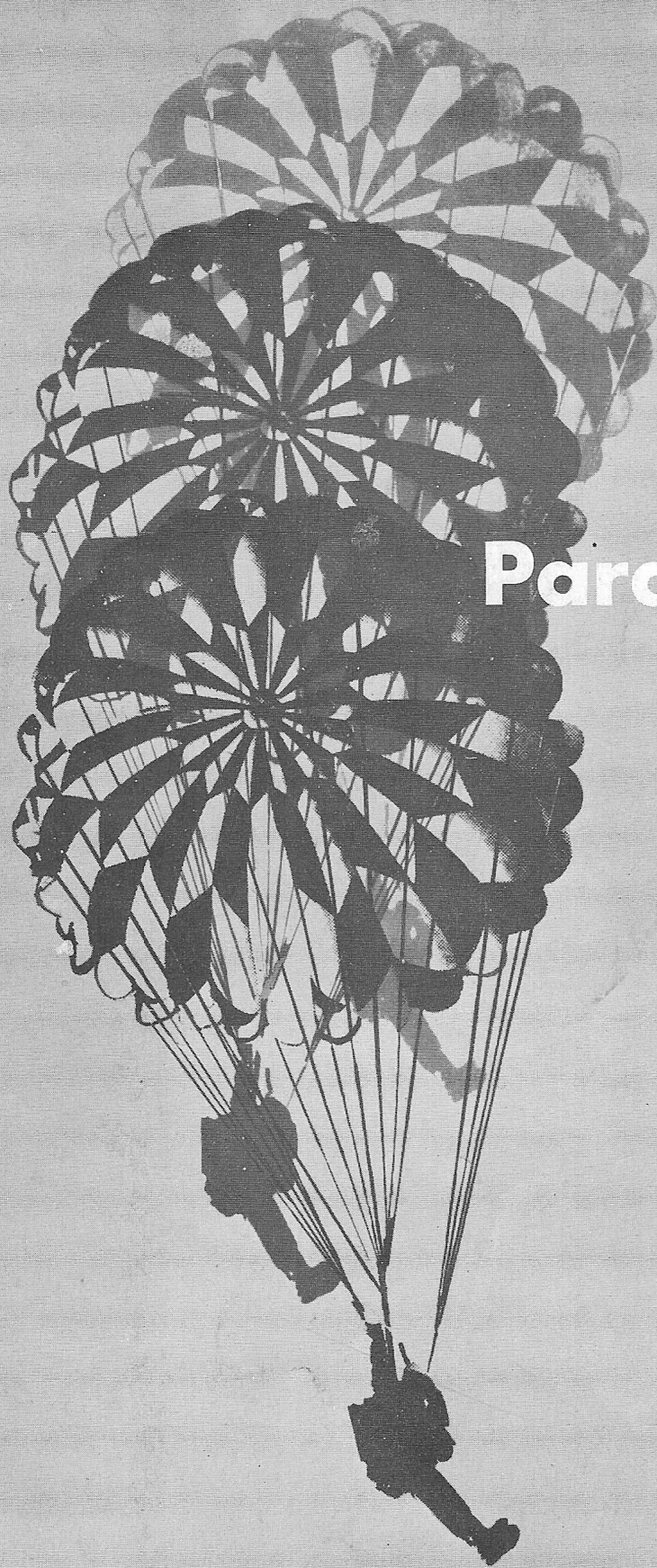




*Meet our new fan, Mr. Frank N. Stein. Frankie, as he prefers to be called by his friends, has taken up night jumping. He wears no instruments, and has had several close calls as a result. He failed to pull on the last one, and still bears a slight scar on his forehead. J. Barry Herron took his picture the other evening, while reading his favorite magazine.*

**p.s.**





**Para-Sport<sup>®</sup>**

**the ultimate in sport parachuting equipment**

**PIONEER PARACHUTE CO., INC.**

A wholly owned subsidiary of **PIONEER AERODYNAMIC SYSTEMS, INC.**

Manchester, Connecticut, U.S.A.

