



Parachutist

VOLUME II • MONTEREY, CALIFORNIA • MAY, 1961 • NUMBER 5

DEAR MEMBER:

With deep regret, once again we are forced to open an issue with another.....

FATALITY

NAME: Gary A. Botelho
DATE: 14 May 1961, 5:15 PM
PLACE: Kinzig River, Vic of Hanau, Germany
CLUB: Golden Arrow Sport Parachute Club
CAUSE OF DEATH: Drowning.

Sgt. Botelho was a Class C license holder and was making his fifth jump of the day. He had a total of over 500 jumps to his credit. The drop plane was a German single seat club and Sgt. Botelho was making a deliberate water landing to meet requirements for his Class D license. The deceased left the aircraft and a few seconds later opened his main parachute. The main did not deploy properly and Botelho pulled his reserve. The main not properly deployed was causing his reserve to malfunction and he then released the main from the harness with the canopy releases. Botelho was then at an altitude of 2000' and was continuing as planned to hit the water. He was wearing a mae west life preserver which would inflate automatically when two release handles were pulled. Sgt. Botelho failed to inflate the mae west at any time. On striking the water the deceased started to try to swim to shore, however, the combination of his clothes, boots, water-logged reserve, and not being able to swim too well, caused him to go under. Two men pulled Botelho out of the water after he had been under water for at least two minutes and gave him artificial respiration at once. It seemed that he was breathing at this point but was still unconscious. Botelho was placed in an ambulance 15 minutes later and taken to the nearest Kaserne where he was given oxygen and after an hour was semiconscious to where he could sit up with some help but his speech was distorted and could not be made out. He was again placed in an ambulance for further evacuation to better facilities but went into convulsions and died enroute.

PCA COMMENT: Certain items of this case bear comment. Statistics are beginning to confirm PCAs early thoughts that people should limit themselves to four jumps per day. International Competitive Rules limit contestants to 3 per day. No information is available thus far on physical and mental effects caused on the body by parachuting, but all doctors familiar with the problem indicate that definite, and perhaps severe, changes do occur in different body parts, most of which go unnoticed by the jumpers. Back in 1945 Army medics theorized that one military jump had the same physical wear-and-tear effects as did eight hours of physical labor. If this be so, then four jumps in four hours would be like cramming 32 hours of physical labor into four hours! We also know that some men are physically capable of safely making 15 jumps per day while others should make only two, depending on each individual's physical and mental makeup. PCA is aware that information is needed along these lines and has initiated inquiries, and will continue to work, toward determining safe factors in this unknown area.

There is also a question, in Sgt. Botelho's jump, as to why he did not properly prepare for a water landing and use his mae west when he was completely out of trouble at 2000 feet. Whatever the cause, we again state emphatically that procedures for landings of all types should be drilled into the jumper to the point where he reacts almost automatically during the descent. Of three recent drownings, all three have entered the water with full equipment. The only conclusion that can be drawn in these cases is that

the individuals were not trained well enough for the water landing. In regard to this, we have asked the Lakehurst (Navy) Sky Divers to write up a procedure for making water jumps which will be published on receipt in the PARACHUTIST and disseminated to all Area Safety Officers.

SUMMARY OF APRIL NATIONAL PARACHUTE MEET, FT. BRAGG, N.C.: 1961's National 'style' event champion was Mr. Jim Arender, Tulsa, Okla., with Army's Dick Fortenberry and LeRoy Smith taking second and third place, respectively. The accuracy championship was captured by Coy McDonald of the Army, with second place going to Mr. Allen D. MacPherson of New Jersey, and third place to Leo Crawford of the Army. The overall 1961 National Champions were Army's Dick Fortenberry, first place, Gerald F. Bourquin, second place, and Coy McDonald, third place, all members of the United States Army Parachute Tea.

95 top Class C and D license holders turned out for this meet and the PCA would like to thank all competitors, particularly the civilians who lost pay and time, for their efforts in making this a most competitive meet. It was interesting to note the many new faces appearing in national competition and the new names appearing for the first time in the top ten bracket. Incidentally, we were again short on women competitors with only two women, Miss Kim Emmons, Illinois, and Miss Roxanne Rogers, California, entered in the competition.

The competition lasted five days and commenced with the style event because of the high ceiling available. Following this the accuracy event was conducted and high winds made this event highly competitive and also called a halt to the jumps on several occasions. Some of the best jumping ever done in the US was seen during both the style and accuracy events at this meet.

As always, the Army was an excellent host and outdid itself in trying to make everyone comfortable and happy throughout the meet. They procured excellent civilian aircraft for the civilian contestants this year, through a contestant, Mr. Tom Kirtley of Louisville, Ky., and the military jumpers exited from a similar fixed wing aircraft, the ULA Otter. No complaints were heard this year relative to aircraft furnished.

As in all meets, some bugs and technicalities arose. In this, the bug was that the aircraft were taking off from a different field than the one being jumped upon during the accuracy event. Feet dragging and flight patterns caused some delay to some jumpers who later protested that the wind had changed from the time they left the DZ area to the jump exit. Based on this occurrence, we would recommend to all who host meets that they do everything possible in order to take off and jump in the same vicinity during the accuracy events.

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 action 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's 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 record.

Based on the Jury's ruling, the air turned blue, anti-judge and Jury petitions were signed and delivered, contestants threatened to quit skydiving, sport parachuting, jumping, PCA, Army teams, civilian teams, the meet, and oaths were made and issued, promiscuously, generally to the wrong people. When the smoke cleared, it was quite obvious for

all to see that the ego of grown men sometimes retrogresses to where they allow their childish instincts to jump into the drivers seat proving, we guess, that even sky divers are just as human as baseball players.

In a gentlemanly fashion, after seeing the results of the Jury's decision, Mr. Arender withdrew from the Accuracy Event (Number 1 position) which then left no basis for complaint.

In view of the conduct on this occasion we would like to ask all parachutists who compete in competitions to abide by the proper standards of sportsmanship as is generally done in other sports. Further, it might be advisable that rules be included in important meets which would authorize the judges to remove competitors for unsportsmanlike conduct.

All in all, we believe that an excellent and exciting meet was had by both the participants and the spectators and we are already deep in the planning for the 1962 tryouts to select the US Team for the August, '62 World Competition. For the first time the PCA presented official PCA trophies to the over-all National Champions; the first move in what we hope will be a continual national recognition of sport parachuting performance and achievement.

The Final Standings of all competitors in the meet are shown alphabetically in the rear of this issue.

INTERCOLLEGIATE SPORT PARACHUTING COMPETITION: Boston University won the Intercollegiate Sport Parachuting Championship held at Orange, Mass., 29-30 April 1961. The leading team included Ted Strong, Captain; Mark Schmidt of Brookline, Mass., and Don Strathie of Waltham, Mass. Competing teams represented, in order of final standing, were Boston University, US Military Academy, Babson Institute, Bucknell University, Princeton University and Harvard. The Gavin Gavel, PCA's top symbol of intercollegiate parachuting supremacy, was presented to Boston's winning team by Massachusetts Sport Parachuting Commission Chairman, Mr. Jacques A. Istel, on behalf of James Gavin, Ambassador to France. Among past winners were last year's West Point, Williams College, and Harvard. Winner of the individual honors was Mark Schmidt.

PCA Comment: This annual event can be greatly improved both in organization and events. The organization and notification procedure can be improved by establishing a permanent time of the year for the event commensurate with college commitments, which are quite heavy at this time of the semester. Now that the US is sub-divided into ten conference areas, the ultimate will be competition within each conference area with a final competition among the conference winners for national college supremacy! The event of this meet was a delay from 0 to 10 seconds (static line acceptable), graded only on accuracy of landing, best two out of three jumps, both individuals and team scored. College meets will never have the requirements of national open meets for the same reasons known to other sports, but a national level competition should include both a basic style event as well as an accuracy event. It is anticipated that all of these problems will be finalized by the National Collegiate League Committee, soon to be appointed, prior to the end of this year.

COMPETITION CANOPY REQUIREMENTS: The following information is brought to everyone's attention and particularly for competitive jumpers who contemplate trying out for the 1962 US Team for the World Championships. Paragraph 27 of the International Meet Regulations states:

"The parachutes may be of any type provided they have been approved by the national competent authorities. The parachute must have a maximum speed of descent of $6\frac{1}{2}$ m/second (approx. 21 feet per second) when tested with a weight of 100 kgs (220 pounds). This speed must be certified by a national testing establishment. The team leader or the coach shall be responsible that these conditions are satisfied."

In view of this requirement both the tryouts and practice for the 1962 Championships will be conducted with parachutes meeting the above standards. Canopies used in the Championships must meet these standards.

Preliminary tests conducted at an official national military testing establishment

indicate that the 1.1 ripstop nylon canopy with a TU modification (Conquistador) has a rate of descent of approximately 30 feet per second (9.12 meters per second) under a 220 pound (100 kg) load. This canopy obviously can not be used in the Championships.

Other canopies, such as the Conquistador in 1.6 ounce ripstop, and modifications, are being tested and as additional data is obtained it will be published in the PARACHUTIST.

MEMPHIS SKY DIVERS CREATE CAP PARA-RESCUE UNIT: Recognizing a need for quick para-rescue work in search and rescue operations, the Memphis Sky Divers last year formed a para-rescue team which is now working closely with the Civil Air Patrol. The six team members are, both, PCA members and Civil Air Patrol members, and, in addition, five of the six are rated pilots qualified to drop parachutists as well as being trained parachutists. Although this is not considered essential, they feel that it is a definite advantage since they can handle their entire operation including the drop.

Their training as a team began less than one year ago under the expert instructions of D. T. (Dusty) Rhodes. In addition to the jump and pilot training, the team is also trained in first aid and search and rescue procedure, the theory being that they not only can get into an area, but will be able to administer expert first aid to any survivors and transport them to safety. The team feels that if they bring help to or save one human life, all the work and training will have been rewarded. They have individually paid for all training and equipment!

Mr. Charles B. Cady says that they will be happy to furnish further information and details concerning the operation and organization of the para-rescue team to any interested individuals or clubs. Contact can be made by writing the MEMPHIS SKY DIVERS, 1795 Capri Road, Memphis 16, Tennessee. This club is proud of their team and hope to see this type of unit become a national operation. They are also proud of the Memphis Sky Divers and enjoy taking part in the activities of the club.

Comment: PCA is also proud and pleased to have men of the caliber of these Memphis Sky Divers in its ranks. It is a distinct pleasure for us to publish this information which shows that a well organized group definitely has something to offer, is capable of both useful and fun jumping under proper safety regulations for both, and that they don't have to be violating safety practices or require alcohol to enjoy the sport. MEMPHIS SKY DIVERS, we salute you!

WANNA' BE AN AUTHOR??: It is time that the unedjokated public became informed.....so says Mr. Don Gordon, Fleet Publishing Corp., 230 Park Ave., New York 21, NY. This week-end jumper takes his week-day coffee breaks with the above named publisher and is convinced that the public would go for a book on sport (or military?) (or Caterpillar?) jumping that contained short, humorous, exciting, unusual, adventuresome, romantic, (horrifying!?), etc., stories. He admits that his jumps have been rather staid, (Safety regulations, you know...!), but the jumps other people made, as told at the cocktail lounge, have left him positively agast!

SO.....him being a writer and editor an' all Mr. Gordon asks for you to submit your jump story, pictures, illustrations, whether you've made one or a thousand jumps, and regardless of writing talent. He will edit and compile all copy to form an explanatory and interesting introduction to sport parachuting which will go into local bookstores throughout the country.

Seriously, he's a good writer and here's an opportunity to promote and explain sport parachuting to the untouched thousands who are slowly becoming aware that jumping is the fastest growing sport in America. (Send it to him not us!)

TALENT NEEDED FOR 1962 WORLD PARACHUTE MEET: As you all know, the 1962 World Parachuting Championships, hosted by PCA, will be conducted from 9 August to 3 September at Orange, Mass. For this huge affair it will be necessary to employ a full staff from approximately 27 July until 10 September. As a member of the PCA we want you to feel that this is your champion-

ship and that the visiting teams are your guests. It is only through your membership that the event has been obtainable to the United States. This will be a wonderful, perhaps a once-in-a-lifetime, opportunity for many of you to actually be a part of an international parachuting event and at no cost other than transportation to and from.

In order to properly host such an event, we must start now to line up the staff for the numerous positions to be filled in the fields of judging, administrative section, flight line operation, equipment section, interpreters' staff, communications set-up, spectator control, visiting team liaison, reception headquarters, to name a few.

This will be a wonderful, perhaps a once-in-a-lifetime, opportunity for many of you to actually be a part of an international parachuting event. Food and lodging will be furnished to all members of the volunteer staff for your entire stay.

Be thinking it over and the next PARACHUTIST will contain an application form for volunteers.

ARMY FULLY ENDORSES SPORT PARACHUTING: Still leading all the Armed Services, the US Army officially endorsed Sport Parachuting in the form of creating (1) a permanent training site at Fort Bragg, NC for the (2) now-official US Army Parachute Team. Purpose of the team: promote Army prestige, esprit, recruiting, and publicity; provide a nucleus of highly skilled Sky Divers for participation in exhibitions, demonstrations, and national and international parachuting contests. Men throughout the Army may apply for transfer to the team and one of the requirements is having at least a Class C license or meet the requirements of such rating. This puts sport parachuting within the Army on the same basis as the Army Pentathlon and Biathlon Squads.

STILWELL, AGAIN!: While we're talking about the Army, Brig. General Joseph W. Stilwell, Jr. didn't hardly let the ink get dry on his Class B license before his request for a C landed in our lap. Word leaked to us that after the National Meet at Bragg in April, a jump aircraft just didn't seem right if General Joe wasn't aboard. The pilots thought he was one of the crew, the DZ control chief ruptured his saluting arm, two smoke generators were burned up, the weather forecaster had a nervous breakdown, two packers were hospitalized with rigger-mortis (heh-heh), and Mrs. Stilwell joined Parachutes Anonymous! Battered and bruised, the 49-year old General earned his C-345! To add to his aches and pains, the PCA's Board of Directors elected him to the Board last April to fill a vacancy.

<u>AVAILABLE FROM PCA:</u>	Membership & PL/PD Insurance:	\$ 9.50
	Membership & PL/Pd Ins. & NAA:	12.50
	Annual License Sports Registra:	2.00
	Supplemental Type Certificates:	
	(Cessna 170,172,170,182 landplanes)	10.00
	PCA Lapel Pins:	1.00 Free w first membership
	PCA Cloth Shoulder Insignia	.75
	PCA Cloth Affiliation Insignia	FREE to Affiliated Club Members
	Licenses:	
	Class A	5.00
	Class B	10.00
	Class C	15.00
	Class D	20.00
	PCA Affiliation Certificate	FREE to Affiliated Clubs
	Basic Safety Regulations	FREE
	License Requirements	FREE
	Insurance Question-Answer Form	FREE
	Waiver-hold harmless(sample)	FREE
	Club Constitution (sample)	FREE
	Newsletter, PARACHUTIST	FREE for members only,
	NAA magazine & Pin	no subscriptions.
	Suggestions for forming Club by	FREE w membership in NAA
	Joe Crane	FREE

PCA FINANCIAL STATEMENTS: 1960: We publish in this issue the auditor's 1960 financial statement. Please read this carefully for it answers a question heard quite often, "Where does my money go?". (Audited by Ernst and Ernst Accountants, Auditors Management Services, NY.)

COMPARATIVE STATEMENT OF INCOME
PARACHUTE CLUB OF AMERICA

	Year Ended December 31,	
	1960	1959
Income		
Membership:		
Dues	\$11,956.25	\$ 4,750.25
Insurance fees	9,069.50	5,103.25
License fees	4,875.00	1,920.00
Registrations	144.00	108.00
	<u>\$26,044.75</u>	<u>\$11,881.50</u>
Sale of insignias and emblems	133.56	69.50
Miscellaneous	242.33	-
Total income	<u>\$26,420.64</u>	<u>\$11,951.00</u>
Expense		
Operational:		
Members' insurance premiums	\$ 9,037.70	\$ 5,004.25
Contribution to 1960 United States Parachute Team Fund	1,000.00	-
Trophies and membership insignias	1,090.56	512.58
Subscriptions to "Parachutist" magazine	716.09	612.25
Promotion and travel	276.00	-
Educational pamphlets and supplies	331.96	686.00
Affiliation fee - National Aeronautic Association	250.00	300.00
Total operational expense	<u>\$12,702.31</u>	<u>\$ 7,115.08</u>
Administrative:		
Salaries and secretarial services	\$ 4,821.96	\$ 3,338.80
Stationery, membership forms and printing	546.00	770.25
Postage	1,195.48	787.38
Telephone	380.80	168.99
Legal and accounting	377.54	215.00
Office fixtures and supplies	702.62	173.97
Pay roll taxes	321.14	72.91
Directors' expense	100.00	-
Miscellaneous	153.08	136.78
Total administrative expense	<u>\$ 8,598.62</u>	<u>\$ 5,664.08</u>
Total expense	<u>\$21,300.93</u>	<u>\$12,779.16</u>
Income (loss) before taxes	\$ 5,119.71	(\$ 828.16)
Federal tax on income - estimated - Note	1,525.00	-
NET INCOME (LOSS)	<u>\$ 3,594.71</u>	<u>(\$ 828.16)</u>

OTHER EVENTS: Sept. 10-12 1961 National Aeronautic Assn. National Convention, Westbury, Long Island, NY. In conjunction with Long Island Fair and Science-Industry Exposition. PCA Directors meeting tentatively planned for same date and will coordinate a jump demonstration.

New York City:

FORTHCOMING PARACHUTE MEETS:

Houston, Texas: 3d Annual Labor Day Parachute Contest. Four days from Friday, Sept. 1. Sept. 1, Registration & Practice. Sept. 2-4, Contest. Sponsor: Houston Parachute Club.

Neptune, N.J.: July 15-16. Mid-Eastern Meet, Asbury Park Air Terminal on Route 66, just outside of Asbury Park, NJ. Sponsored by the Asbury Air Terminal Sky Diving Club. Events for novice, parachutist, and sky diving. Open to all PCA members. Contact: William Graham, 74 Walling Terrace, Keyport, NJ.

Lincoln, Calif: July 1-2. Invitational Meet. Host: Lincoln Sky Divers. Sponsor: Norther California Parachuting Council. Contact: Verne Wardell, 6738 Carrwood St., Orangevale, Calif. Open to PCA members.

Kansas City, Kan.: Labor Day Meet, 1-4 Sept. Sponsor: KA-MO Sport Jumpers. Details to be announced.

FINAL STANDINGS 1961 NATIONAL PARACHUTING CHAMPIONSHIPS FORT BRAGG, NC., April 1961:

TOP TEN:

1 Fortenberry, Richard T	821.75	Eves, Robert C	0	Straus, Bradford P	363.41
2 Bourquin, Gerald F	807.86	Findley, John M	120.56	Vakharia, Darius	323.18
3 McDonald, Coy	792.92	Fitch, Edward A	96.00	Vanderweg, Phillip J.	711.73
4 MacPherson, Allan D	788.65	Gaffney, John D	425.00	Waldie, Father Thomas	110.18
5 Pearson, James	784.26	Guilfoyle, Lee	699.91	Ward, Richard F	506.79
6 Jorgensen, Keith C	773.31	Hale, Rodger	250.92	Williams, Douglas	264.26
7 Letbetter, Bobby	770.80	Hamilton, Charles G.	474.07	Williams, John V.	591.75
8 Duffy, Raymond T	761.96	Harding, Dan	165.00	Williford, Sherman	699.30
9 Feliciano, Pete	749.77	Henserling, Lawrence	476.11	Wilson, Billy	189.67
10 Byard, Danny	737.60	Hollis, John T.	653.89	Wright, Harold L.	397.18
*****		Horvath, Martin J.	515.71	Wymer, George	222.26
Alexander, Junius B	680.37	Hulick, Jerry	318.30	Yurchison, John	298.48
Andres, Bud	464.50	Inmon, Lester E.	524.63		
Arender, Jim	450.00	Jacks, Clyde E.	520.61		
Bahor, Frick M	611.25	Jarrell, Phillip	0		
Barker, Alton W	161.20	Johnstone, Edw. P.	301.78		
Baron, Mark	179.14	Johnstone, Wm. H.	516.04		
Baxter, Bruce R	354.61	Kremer, Michal	331.39		
Becktel, Donald P	251.19	Kirtley, Thomas M.	0		
Beverly, Elbert W	344.50	Landrum, William S	365.91		
Brezin, Ben W.	Disqual.	Lewis, Harold	737.45		
Brown, Ron	672.86	Mathwig, Jerry	546.79		
Brydon, Loy	476.34	MacPherson, Dennis	346.74		
Cameron, James B	498.10	Martin, Roy D	601.04		
Charette, Anthony	155.58	McDonnel, Robt. J	739.75		
Clark, David L	337.16	Mills, Wesely G	702.44		
Cole, Raymon S	186.09	Norman, Joe A	709.41		
Coleman, Maurice C	0	Pasquale, John F	222.34		
Crawford, Leo	588.41	Reed, Sherman	385.14		
Davis, Harold L	113.08	Reifert, Jack	719.54		
Donahue, Robert L	0	Schell, Larry	521.13		
Dresser, Bob	536.31	Skinner, Robt. W	195.00		
Duncan, Walter M	248.85	Smith, Richard	150.00		
Dunphy, Richard	536.84	Smith Lee Roy	701.17		
Edge, William E	628.30	Solis, Alfonso M	648.72		
Elfers, William H	370.00	Stoyas, James C.	264.12		

WOMEN:

Emmons, Kim 150.00
Rogers, Roxanne 0

CLASSIFICATION AND REQUIREMENTS FOR PCA SANCTIONED COMPETITIONS

Class:	MINIMUM REQUIREMENTS				
	JUDGING:	EVENTS:	No/JUMPS: per Cmptr	#/Compet- itors	Geograph- ical Limit
I - FAI Champ- ionship.	FAI Apptd	Set by FAI Commission	Set by FAI Commission	Set by FAI	Set by FAI
II - Interntl, other than major world & Natl Comp	PCA Approved	Both Style & Precision Events	Min: 8	Min: 40	USA
III - Conference & Interconf	D Lic Holder	Both Style & Prec. Events.	Min: 4	Min: 20	PCA Conf- erence & Inter-Conf
IV - Local	C Lic Holder	Style and/or Prec. Events	Min: 2	Min: 10	State & Local

Note: In event weather, etc, cancels events or changes a meet,
a lower classification will be given

Parachutist

Parachute Club of America
Post Office Box 409
MONTEREY, CALIFORNIA

**BULK RATE
U.S. POSTAGE
PAID**

Monterey, California
Permit No. 24

Mr. Tony Peralta 5/58
1173 12th Ave.
Yuma, Ariz.