Institute Alumni Host a First Aviation Career Night

The First Annual Alumni/Student Career Night sponsored by the Institute of Aviation Alumni Association Board was held at the Illini Union on February 11, 1991. Five Institute alumni, Jim Adams, Delta captain; Kim Keck Weinstein, United co-pilot; Gordon Brown, American flight engineer; Dave Mann, Stahley corporate mechanic; and Dave Domino, corporate pilot, presented career information to the aviation students. Other speakers were Dr. Taylor, Director of the Institute, and Lyn Jones, Associate Director of Programs and Services Alumni Association.

Over 300 alumni, students, and faculty attended the career night. Each speaker made a 15-20 minute presentation about attaining their personal careers. After the presentations, there was a pizza break which was followed by a panel discussion between the speakers and the audience. The event concluded with students having an opportunity to discuss remaining questions with each speaker.

Thanks to the Planning Committee composed of Douglas Smith, Professor L.B. Applegate, Darwin Zachay, Glenn Miller, Tom Emanuel, and four students: Jeff Holze, John Jurewicz, Annmarie Craven, and Steve McNeilly for a successful event.

The Alumni Board is planning for all Institute alumni, students and instructional staff to attend next year's event, to be held February 24, 1992, at 6:30 p.m. in the Illini Union. For more information, please contact Glenn Miller at 217/244-8651.

Dr. Taylor addresses the aviation students during the first Career Night.

The Terminal at Willard Airport Celebrates Its First Anniversary

On October 8, 1990, Willard Airport celebrated the first anniversary of operation with a special reception. Frequent business travelers, local government leaders including the Champaign County Board and Chamber of Commerce members joined the University of Illinois and Willard Airport Personnel in the celebration. The terminal complex has been accepted as an exceptional entrance to the University of Illinois and Champaign County.

SAFECON 1991 Results

For story, turn to page 7.
Message from the Director

From the Newsletter Editor,

Glenn R. Miller

I want to thank all Institute alumni with whom I have met and talked with over the past year. I am impressed with your dedication and concern for our Institute. It is paramount that the Newsletter bring you the most important and Institute events to keep you informed.

Please send me your thoughts and suggestions concerning the Newsletter to Institute of Aviation, One Airport Road, Savoy, IL 61874. My phone number is 217/244-8651.

Henry L. Taylor, Director of the Institute of Aviation.

Dear Institute Alumni:

Thanks to our Institute alums, our annual fall phone-a-thon campaign exceeded $20,000 in contributions. The funds will be used for student scholarships, to support our flying team and to acquire equipment for instruction and research.

Your continued financial support is needed. Our academic programs have been at capacity during the last three years. We struggle to maintain a quality program in the face of decreasing state funds.

We have plans to renovate the previous terminal building for the Pilot Training Department, the Institute’s Administrative offices. A special fund, the Leslie A. Bryan Memorial Fund, has been initiated to purchase instruction equipment for Pilot Training. Initiated by contributions by Mrs. Bryan, Professor Applegate, Weldon Garrett, John Johnson, Bob Ayers and myself, we expect the fund to reach $10,000 by year end. I am calling on our alumni to contribute to this fund. A plaque will be made recognizing the Institute’s first Director, Dr. Bryan.

We continue to upgrade our faculty with joint faculty appointments between Pilot Training and our Aviation Research Laboratory, and with appointments among the Institute, the Department of Psychology and the Department of Mechanical and Industrial Engineers. These appointments have significantly strengthened our research and instructional program. We need your financial contributions to maintain the quality of our programs.

Sincerely,

Henry L. Taylor
Director

Message from Your Alumni Board President

Dear Alumni:

I would like to thank you for your generous contributions to the Institute. Your contributions are desperately needed to continue with our top quality flying and aircraft maintenance programs. In addition, the Institute is trying to improve the pilot training facilities with extensive renovation of the old terminal complex. Your contributions to the Leslie A. Bryan Memorial Fund will provide instructional equipment that can make the crucial difference.

You have every right to be proud of our Flying Team and their continued success. Again, our students placed first during the October SAFECON regional airmeet at Middle Tennessee State.

The Institute Alumni Association organized and sponsored the first aviation career night for all aviation students, faculty and alumni. This career night was one of the finest programs sponsored by the University of Illinois Alumni Association during the year. I encourage you to support your Institute with your financial gifts and try to attend the next alumni sponsored Institute of Aviation Student Career Night scheduled for February 24, 1992.

Sincerely,

Jimmy R. Howe, President
Institute of Aviation Alumni Board
Contributors to the Institute of Aviation

The Institute of Aviation would like to extend a very special thanks to all the individual contributors and corporations matching the contributions of their employees. Your contributions over the past year have played a significant role in allowing the Institute to continue to offer superb quality aviation education to hundreds of deserving young people. The list of donors is as follows (if you are a contributor and your name is omitted, please let us know):

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See page 6 for Director's Club
and Institute Honor Club Members
NOTABLES

Omer Benn Retires from the University of Illinois Institute of Aviation

Following a thirty-four year career at the Institute of Aviation that combined flying and teaching, Professor Omer Benn retired as Head of Pilot Training in August 1990.

Professor Benn’s interest in flying was sparked after his first year of college during World War II, and in 1943 he was accepted into the Naval Aviation Program. Omer earned his naval aviator wings before being released from active duty in 1945.

He completed both his Bachelor’s and Master’s degrees in Industrial Education at the University of Wisconsin—Stout. Professor Benn joined the Institute of Aviation as a flight instructor and staff pilot in 1956. In September, 1968, Professor Benn was named Head of Pilot Training. During his tenure with the University, Professor Benn influenced many students and was particularly proud of his involvement with the Institute’s Flying Team. Under his leadership the team has achieved consistently high levels of performance in both regional and national flight events. The Institute of Aviation salutes Professor Benn for 34 years of outstanding service to the Institute of Aviation.

Gavin Lintern, Stan Roscoe, Jeff Koonce and Leon Segal Win Award from the Human Factors Society

The Jerome H. Ely award for the best article published in Human Factors was awarded August 1991 to Professors Gavin Lintern, Stanley N. Roscoe, Jefferson M. Koonce, and Leon D. Segal at the 35th Human Factors Society Annual Meeting. Their paper, entitled “Transfer of Landing Skills in Beginning Flight Training” (Vol. 32, No. 3, June 1989), was selected on the basis of subject matter relevance, methodological sophistication, clarity of presentation, and overall contribution to the field. In selecting this paper, the committee recognized the creative exploration of a classic human factors topic. The paper documents the beneficial transfer of prior training under simulated conditions to training under real-world conditions and offers quantitative estimates of savings in training time.

Oshkosh 1991

The Institute of Aviation again had our information display booth at the world famous Oshkosh air show that took place on July 26 to August 1, 1991. Over 250 Institute of Aviation alumni and friends stopped by to chat with our Institute personnel that were manning the booth. Many prospective students were given information about the flight and maintenance programs offered at the University of Illinois, Illinois.

Jesse Stonecipher Receives His 50th Flying Certificate

Before Omer Benn’s retirement, he recertified Professor Jesse Stonecipher who retired from the Institute as the Associate Director in 1982. Jesse, who was visiting the Institute prior to Omer’s retirement, decided to put Omer to work one more time. Omer had the honor of giving Jesse his 50th check ride.

Prof. Omer Benn congratulates Prof. Jesse Stonecipher on the completion of his 50th recertification.
Timothy Hoeksema Awarded Outstanding Alumni Award

Director Henry Taylor presented the outstanding alumni award to Timothy Hoeksema in the fall of 1990. Hoeksema was selected as an outstanding alumni for his support and contributions to the Institute of Aviation. Mr. Hoeksema, President of Midwest Air based in Milwaukee, Wisconsin, graduated from Aircraft Maintenance Training in 1968. Since then, he has received international recognition as the president of this executive airline that provides first-class passenger treatment. Timothy Hoeksema has remained very active in alumni affairs and Institute programs. We are pleased to honor him as an outstanding Institute alumni.

Focus on Faculty

Professor Charles C. Hulin was selected as Head of Pilot Training

He received his bachelor's degree from Northwestern University in 1958 and his Ph.D. from Cornell in 1963. He became associated with the Aviation Research Laboratory at the Institute of Aviation in 1969. He is a professor of Psychology. "Chuck" will stress excellence in the teaching and research in areas of Pilot Training curriculum.

Terry Ladage from AMT Receives An Award for Excellence in Undergraduate Teaching

On March 7, 1991, Terry received the Award for Excellence in Undergraduate Teaching given by the Institute of Aviation and was nominated for the Award for Excellence in Undergraduate Teaching given by the University of Illinois.

Terry Ladage graduated from the Institute in 1966. He completed his B.S. and Masters in Education at the U of I respectively. He has been a maintenance instructor at the Institute for the last 22 years as well as being an examiner for the A & P mechanics licenses.

Terry is an active member of the Experimental Aircraft Association (EAA) organization. He has judged the classic division airplanes at the Oshkosh air show for the last 10 years. One of his prize accomplishments was having the opportunity, in 1983, to help build a Chanute glider which now hangs in the EAA Museum at Oshkosh. Terry also lectures about six times a year to FAA Personnel about composite materials and their use on airplanes. He is currently working on a book concerning composite materials to be published by the FAA.

According to Terry, "I have the best job in the world! I can work on airplanes every day in my own furnished lab. But, better yet, I get to work with the students who are the best award of all."

ARL Promotion

Gavan Lintner from the Aviation Research Laboratory was recently promoted from assistant professor to associate professor. Gavan has been involved with many aviation research projects and his outstanding work has certainly been of great assistance to the Institute of Aviation.

Director's Club

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Johnson, John Mason
Sundmacher, Herbert & Marjorie

Institute Honor Club

Applegate, Rosemary & Lester B.
Bryan, Gertrude G.
Garrels, Weldon & Alice
Taylor, Henry & Mary G.
Wheeler, Lyle
Rick Weinberg Selected as Chief Pilot

Rick Weinberg was also selected as the Chief Pilot for the Pilot Training Department. Rick graduated from the U of I in 1969, with a Bachelor of Science; he also holds a Masters of Education, and an MBA from the U of I. Rick began his career at the Institute in 1972 and has served as a flight instructor, ground instructor, supervisor and check pilot. He has also flown for Staff Air Transportation Service and is a designated pilot examiner.

Pilot Training

Flying Team Score a Hit at the October 91 Regional Meet

The University of Illinois Flying Team was awarded its sixth Regional Intercollegiate Flying Association Region 8 Championship in a row on October 27, 1991. During the three-day air meet, held at Southern Illinois University, the team competed against the best pilots from Purdue University, Southern Illinois University, Parks College, Lew University, Middle Tennessee State University, and Vincennes University.

Peggy Campbell, who competed in three ground events involving Private Pilot knowledge, the E-6B flight computer, and an electronic flight computer, was named Top Female Pilot. Scott Carlson took Top Male Pilot and Top Overall honors by placing in two flying events involving accuracy landings and "flying" an aircraft simulator. Also contributing to the win were Chris Cannon, Mike Feary, Steve Gugala, Craig Jacobson, Brian Kennedy, Rick Kim, Thyra Landowne, Chris Magnuson, Tom Pellegrino, Bob Primmer, and Brian Sajdak.

The first place finish will send the team to the National Air Meet in which they have finished in the top three for six consecutive years. The team will be held in the spring at Northeast Louisiana University. Also representing Region 8 will be Southern Illinois University and Purdue University.

In order to raise money to attend the national meets, the Flying Team sold glass mugs, and had a raffle drawing with the winners having the opportunity to ride in a Pitts, Pilatus P-37, T-34 mentor, or the Stearman. Also, alumni contributions make up a great portion of flying team support which is needed and greatly appreciated.

U of I Institute of Aviation

PLACES THIRD OVERALL AT SAFECON 91

Last year (1990) the Flying Team placed third in the national airmeet and was first in the flying event. The 43rd annual National Intercollegiate Flying Association SAFECON was held in Houma, Louisiana, hosted by Nicholls State University. Twenty-seven teams competed from May 15-17, 1991. The University of North Dakota took top honors with the University of Illinois finishing third. Craig Jacobson of the University of Illinois won the national championship in the Flight Computer Event.

U of I team members and their top ten rankings were the following:

Preflight:
Jeff Holtz; 3; Thyra Landowne

Electronic Computer:
Craig Jacobson; Paul Weston; Thyra Landowne; Patrick Walker; Peggy Campbell

Short Field Landing:
Jeff Holtz; 8; Scott Carlson; Chris Cannon; Kirsten Jensen; Patrick Walker

Power Off:
Chris Cannon; 4; Scott Carlson; Kirsten Jensen; Patrick Walker; Jeff Holtz

Simulator:
Peter Carey; 2; Steve McNelly; 4

Aircraft Recognition:
Craig Jacobson; 3; Jeff Holtz; 10; Chris Cannon; Michael Feary; Bob Primmer

Computer Accuracy:
Craig Jacobson; 1; Paul Weston; Jeff Holtz; Thyra Landowne; Peggy Campbell

Alex Abellaneda was head coach of the U. of I. team, and Ricky Weinberg, Chief Pilot of Pilot Training at the Institute of Aviation, was faculty advisor.
Aircraft Maintenance Technology

Standards for Aviation Piston Engine Oils

On July 26-27, 1990, a special committee consisting of representatives from eight different oil companies, two aircraft engine companies, the Federal Aviation Administration, the U.S. Navy and the University of Illinois met at the Institute of Aviation to establish the parameters for a test to determine the minimum performance standards of aviation oils for all piston aircraft. Subsequently, a 150 hour test on an aircraft engine was conducted by Professor Weldon Garrels. Based upon the results of the test, military specifications (Milspec) and Society of Automotive Engineers (SAE) specifications have been recommended for aviation engine oils for all civilian and military piston aircraft. The work on the Milspec will benefit the entire aviation community.

Under Professor Garrels' leadership, the Institute of Aviation is presently the national leader in aviation engine oil testing and specification development. Since 1974 he has conducted extensive oil/engine analyses and tests which have examined multi-viscosity, semi-synthetic and fully-synthetic aviation oils. The Institute of Aviation completed the 150-hour endurance test on the newly developed Mobil AV-1 oil and submitted the report to the Federal Aviation Administration during April, 1986. The FAA approved the oil in time for it to be used in both engines of the voyager aircraft during its non-stop, around-the-world flight in December of 1986.

Annual Summer Aviation Workshop

This year the Institute of Aviation sponsored summer workshop was held during the month of June, 1991. The workshop was directed toward junior and senior high school age students (6th-12th grades). Participants had the opportunity to learn about the field of aviation, aerospace, and related careers.

The workshop consisted of classroom instruction using lecture, video tapes, hands-on operation of equipment, and taxing aircraft. A tour of the airport, visiting the FAA control tower, fire house, terminal, and aircraft maintenance shops was conducted. As a finale to the workshop, a 45 minute plane ride in one of the Institute's aircraft was given.

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Aviation Maintenance Classes Restore a 1947 Aeronca Chief and a Cessna 172

1947 Aeronca Chief

In 1985, the shell of a 1947 Aeronca Chief was donated to the Institute of Aviation by Mark Kohler. The assembly and rigging course which is taught by Terry Ladjac each spring semester has spent many hours repairing the steel tubing, replacing the wood formers and spars, and recovering the old Aeronca with new seconite fabric. The Aeronca should be completed next year.

Cessna 172

After 11 years of student reconstruction, the 1978 Cessna 172 Hawk XP acquired in January, 1980 is near completion. The amount of time invested to restore both wings, the empennage, tail cone aft of the baggage compartment, the firewall forward area, and cabin compartment was extensive but the educational value for the students cannot be measured. Each year, one semester is spent working on the 172 in the lab setting of assembly and rigging. The 172 is one of two current projects in the class in which students have the opportunity to work on actual aircraft. Once the Aeronca Chief and Cessna 172 are completed they will be sold to provide funds for additional class projects.

![Cessna 172 as it looks now with its class.](image-url)
Aviation Research Laboratory

Collaborative Research Trip to the Soviet Union

In 1987, the Civil Aeromedical Institute (CAMI) of the FAA, initiated a research program to explore and develop cognitive screening instruments to supplement clinical examinations conducted by Aviation Medical Examiners (AME). Dr. Alan Stokes of the Aviation Research Laboratory has led the Aviation Research Laboratory research team to evaluate the effectiveness of several test instruments, including an automated test battery developed at ARL.

In 1990 the FAA selected Dr. Stokes to lead a U.S. delegation to visit the State Research Institute of Civil Aviation in the Soviet Union (GosNII Ga) and other research facilities in and around Moscow. He was accompanied by Kirsten Kite, a fluent Russian speaker and technical editor. The visit took place from March 23 to March 31, 1991. His host was Dr. Grigori Stronigin, the leader of the Soviet research in this area.

Dr. Stokes conducted experimental testing of Aeroplat pilots at Vnukovo Airport during the week. He also visited a number of Research Institutes including the Moscow Institute of Civil Aviation Engineers, where the U.S. delegation was shown new selection batteries developed for the Soviet Air Force.

Recently Dr. Strongin, while in the United States for talks with the FAA, visited the Institute of Aviation, toured the research facilities of ARL and spoke with staff and students about their projects.

Institute of Aviation Celebrates the 124th Birthday of the University of Illinois

The Institute of Aviation Alumni Association provided the birthday cake for alumni, friends, students and faculty on March 1, 1991, in the Administration Building for the annual alumni sponsored Founders Day birthday party. This year over 150 people attended and the Institute of Aviation was proud to be a part of this important recognition.

The Students

1990 Graduation

Forty-one men and women were awarded certificates of achievement from the Institute of Aviation on May 5, 1990.

Tom Emanuel, Assistant Director for Academic Affairs, hosted the event, which was attended by over 200 alumni, friends, relatives, and Institute of Aviation staff members. The guest speaker was Les Kimmel ('70) copilot for United Airlines.

Awards and scholarships were presented during this momentous evening. Mr. Emanuel, Weldon Garrels, Head of Aircraft Maintenance Technology, and Omer Benn, Head of Pilot Training, recognized the following recipients: Matthew T. Walter, J. R. Myln Award; Thomas J. Wittczak, Helen Fairfield Woolman Award; Christine A. Dominguez, Amity Award; Patrick T. Walker, J. W. Stonecipher Award; Michael Popalek, J. W. Stonecipher Award; Richard V. Field, Harriet E./Frank E. Hedrick Scholarship; Andy Hammer, EMC Award.


Graduates from the Combined Professional Pilot/Aircraft Maintenance Technology program were: James Judy Claussen, Sheryll Lynn Dawson, Christine A. Dominguez, John Daniel Fako, Douglas Taylor Green, Megan E. Kelly, Craig Anthony Little, Scott James Markham, Todd William Mingay, Kevin Paul Ogorzelec, Klai Schneiss, Todd M. Sebok, William P. Theisen, Timothy G. Tyndorf, Thomas John Wittczak.

Graduates from the Aircraft Maintenance (continued on page 10)
1990 Graduation cont'd from page 9

nance Technology program were: Donna Louise Allen, Helmer A. Claesson, Christopher E. DeVore, Nicholas B. Dickowski, John F. Flynn, Dushan Panich, Matthew Lee Walter, Michael Joseph Young and Eric H. Blackwell was a graduate from the Avionics Curriculum program.

1991 Graduation

Forty-five men and women were awarded certificates of achievement from the Institute of Aviation on April 27, 1991. Tom Emanuel, the Assistant Director for Academic Affairs, hosted the event, which was attended by over 250 alumni, friends, relatives and Institute of Aviation staff members. The guest speaker was our distinguished alumna John C. Emery (1962), President, Emery Air.

Awards and scholarships were presented during this momentous evening. Mr. Emanuel, Weldon Garrels, Head of Aircraft Maintenance Technology, and Charles L. Hubin, Head of Pilot Training, recognized the following recipients: David O. Ratliff, J. R. Mylin Award; David O. Ratliff, Helen Fairfield Woolnahan Award; Douglas Smith, Amy Award; John Andrew Kapluff, J. W. Stonecipher Award; Heather Lumma, Olive Ann Beech Scholarship; Heather Lumma, FMC Award. Stratos "Pete" Valavanis was the winner of the 1991 Comanche Flyers Award. Only two Comanche Flyer Awards are presented nationally.


Grades from the Combined Professional Pilot/Aircraft Maintenance Technology program were: Rick Alan Carr, Annmarie Craven, Robert Andrew Eller, Jeffrey Charles Holtz—HONORS, John William Jurewicz—HONORS, David Edward Lageman, Michael Joseph Popiolek—HONORS, Andrew L. Ruhl, Douglas J. Richard Smith, Kathleen Emily Shores in.

Grades from the Aircraft Maintenance Technology program were: Dane

On The Alumni Trail

Lyle D. Wheeler, Class of 1952

Lyle D. Wheeler graduated in the Spring of 1952 and his first job was with United Airlines at Midway Airport in Chicago as a ramp serviceman. He subsequently went to Minneapolis and was a co-pilot for Northwest Airlines on the DC-3 and DC-4 aircraft and for Reeve Aviation Airways, in Anchorage, Alaska as a DC-3 co-pilot for 2 and 1/2 years. In August 1955, he became a pilot/navigator for Pan American World Airways on the Boeing Stratotrust and the Douglas DC-4, and Douglas DC-7. In 1958 Lyle was transferred to Berlin, Germany where he became a full-fledged co-pilot on the Douglas DC-6.

In January 1969, Lyle was checked out as the youngest captain for Pan American Airlines stationed in New York flying the Boeing 707. In 1974, Lyle was assigned as the area check pilot for Central America and he made periodic inspections of all the facilities that Pan American operated in this area. In May of 1984, he transferred to the Boeing 747 equipment.

In January of 1990, Lyle became Pan Am's number one pilot in seniority. He has been an inspiration to all who know him and an outstanding Institute of Aviation alumni success story.

Cindy Berkeley, Class of 1977

Cindy Berkeley made her way at United Airlines when she became the company's first female captain. She also is responsible for several other firsts: United's first (continued on page 11)
1959
Paul W. Benz is a captain flying the line with United Airlines. He and his wife Claudette live at 4708 Victoria Avenue, Fremont, CA 94538.

James W. Edwards is a manager of the Technical Standards Branch, Air Transportation Division for the Federal Aviation Administration. He and his wife Terry live at 12530 Flatwood Court, Fairfax, VA 22033.

1962
Paul R. Sears is a senior pilot for Sundstrand Corporation in Rockford, IL. He and his wife Thelma live at 6351 Carlsburg Lane, Rockford, IL 61109.

1963
Dale Rapp is working for Frasca Aviation in Urbana. He and his wife Sheri live at R.R. 2, Box 109, Urbana, IL 61801.

1969
James Becker is now vice president of engineering at C. E. Niehoff and Co. He lives at 30 Elmhurst, Crystal Lake, IL 60014.

1970
Terry Galbreath is working on the USAF Joint Strategic Defense Planning Staff at Peterson AFB, CO. He and his wife Heather live at 14125 Citation Lane, Falcon, CO 80831.

1971
Dennis R. Kamin is a section manager of product software at Loral Data Systems. He and his wife Susanna Weber live at 4632 Stone Ridge Trail, Sarasota, FL 34232.

1972
Lt. Col. Mike Atherton is working on fighter programs for the Air Force at the Pentagon. He and his wife Rita, who is a major in the Air Force, live at 7403 Ridge Oak Court, Springfield, VA 22153.

Kevin O. Martin is working as a adversary pilot/administrative officer for the U.S. Navy at NAS Oceana, Virginia Beach, VA. He and his wife Paula live at 2212 Grapevine Circle, Virginia Beach, VA 23456.

1973
William R. Allyn is a B-727 captain for Alaska Airlines. He and his wife Debi live at 26216 SE 230th Street, Maple Valley, WA 98038.

John A. Lariviere is a claim superintendent for State Farm Insurance Companies. He and his wife Kathryn live at 3325 Bell Mountain Drive, Colorado Springs, CO 80918.

John W. Black is a chief design engineer at Combustion Sciences, Inc. in Champaign, IL. He and his wife Margaret live at 2102 Tamarack Court, Champaign, IL 61821.

1976
Hal Wood is a First Officer-Super 8 with American Airlines in Dallas/Fort Worth International Airport, TX. He and his wife Maria live at 2652 Plumbago Court, Rocklin, CA 95677.

Walter Polgar is a 727 International First Officer for American Airlines. He lives at 3601 Elder Lane, Franklin Park, IL 60131.

Ted Voss is a 727 International First Officer for American Airlines. He and his wife Laura live at 2054 Springside, Naperville, IL 60565.
1977
Daniel Hurley is a program manager at Motorola, Inc. He and his wife Cheryl live at 157 Clinton Street, Elmhurst, IL 60126.

Michael S. Nolan is an associate professor with the Aviation Tech. Department, Purdue University. He and his wife Barbara live at 924 King Street, Lafayette, IN 47905.

1978
Mark Denoma is a project manager for Frasca International. He lives at 1011 Frank Drive, Champaign, IL 61821.

Brian P. O'Byrne is a pilot for U.S. Air, Inc. He lives at 1038 Lexington Drive, Aliquippa, PA 15001.

1980
Joseph R. Kuzel is a personnel manager for the U.S. Central Intelligence Agency. He and his wife Laurie, live at 1021 S. Grove Avenue, Oak Park, IL 60304.

Douglas Windhorn is a foreman of the Inspection Department for USAir. He lives at 342 B Flaugherly Run Road, Countryside, PA 15108.

1981
Eric G. Howard is a first officer flying Dornier 228 aircraft for Midway Airlines. He lives at 9408 S. Sangamon, Chicago, IL 60620.

David K. Palmer is a DC-9 first officer for U.S. Air. He and his wife Kathryn live at 151 Urick Lane, Monroeville, PA 15146.

1982
Brian A. Donnelly is a lead pressure and structural test engineer in the engineering development laboratory for Rockwell International. He lives at 4151 Angela Street, Simi Valley, CA 93063.

1983
Gary R. Schmidt is a lead technician for America West Airlines. He lives at 1809 E. Kent Avenue, Chandler, AZ 85225.

1984
John O. Hogan works with flight training for Cushing Aviation. He lives at 825 E. Main, Morris, IL 60450.

1986
Alan Broadfield is an A&P line mechanic with United Airlines. He lives at 427 Gregory, Apt. 3B, Glendale Heights, IL 60139.

1987
Charles E. Timing is a flight engineer for American Airlines. He and his wife Carol Ann live at 1 Bainbridge Street, Islip, NY 11751.

1988
David Zamiska is a second officer flying B-727s for Delta. He lives at 17N6170 Hidden Hills Trail, West Dundee, IL 60118.

1990
Catherine Carpenter is an executive for the Marriott Hotel Corporation. She lives at 321 Georgetown, San Mateo, CA 94402.
The Professor Ralph Flexman Research Award Fund

In honor of Professor Ralph Flexman, the Director of the Institute of Aviation from 1973 to 1980, the Institute of Aviation has established an aviation research fund for the promotion of various important research programs. Research is the key to aviation training improvement and presently many important areas of aviation training are being studied by graduate students and faculty in the Aviation Research Laboratory. Many research areas need additional funding in order to be completed. Your financial assistance is urgently needed to continue and enhance our aviation research endeavors. Please send contributions to the U of I Foundation, 2242 Illini Union, 1401 West Green Street, Urbana, IL 61801 and earmark them for the newly established Professor Ralph Flexman Research Award Fund. Your Gift is Tax Deductible.

In Memoriam

Herman William Linder

Herman William Linder, 65, died on August 11, 1991, at his home in Cullowhee, North Carolina. He was an aircraft maintenance instructor at the Institute of Aviation from 1958-1970. He then was an assistant professor with the transportation technology department at Western Michigan University, retiring in 1985. Professor Linder was a designee in the local Experimental Aircraft Association and was a licensed airframe and power plant mechanic and aircraft inspector.

New Institute of Aviation Contribution Categories to Help Inspire our Alumni

In past years, alumni donations have enabled the Institute to support an outstanding flying team, improve the Institute's academic program, provide infrastructural support, and encourage and enhance aviation research. With budgets being cut, this financial support is needed now more than ever before. The Institute has, therefore, developed the following new contribution categories:

<table>
<thead>
<tr>
<th>Category Name</th>
<th>Amount</th>
<th>Recognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Contributor</td>
<td>$1—$99</td>
<td>*Letter</td>
</tr>
<tr>
<td>2. High Flight Club</td>
<td>$100—$249</td>
<td>*Letter &amp; certificate</td>
</tr>
<tr>
<td>3. Sustaining Member</td>
<td>$250—$499</td>
<td>*Letter, certificate, and aviation pin</td>
</tr>
<tr>
<td>4. Director's Club</td>
<td>$500—$999</td>
<td>*Letter, plaque with years, and aviation pin</td>
</tr>
<tr>
<td>5. Institute Honor Club**</td>
<td>$1000 or above**</td>
<td>*Letter, special plaque with years, and aviation pin</td>
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</tbody>
</table>

*All contributors will be listed in the Institute annual Alumni Newsletter.

**$1,000 per year for 10 years or $10,000 qualifies for membership in the University of Illinois President's Council as well as the Institute Honor Club.

—Remember to check to see if your business will match your contribution.

—Please make that much-needed contribution to the Institute of Aviation Development Fund and mail to the University of Illinois Foundation, 2242 Illini Union, 1401 West Green Street, Urbana, IL 61801. YOUR GIFT IS TAX DEDUCTIBLE. THANK YOU!
Institute Referral

If you know someone who might be interested in attending the Institute of Aviation, please give us his/her name and address and we will send information to that individual.

Name ______________________________ Address ______________________________

State ______ Zip Code _______ Phone (_____) ______________________________

Year in high school or college ______________________________

Name of School Attending ______________________________

Spring applications are accepted between September 25 and November 1.

Fall transfer applications are accepted between February 1 and March 15 for the same year.

Now is the time for high school juniors to begin gathering college information.

Return this form to: Academic Office, Institute of Aviation, University of Illinois, Willard Airport, One Airport Road, Savoy, IL 61874.

Are you a member of the Alumni Association?

More than 100,000 alumni are — including approximately 70,000 who are life members. As a member you'll receive the Illinois Alumni News or U of I Chicagoan, as well as publications of your college or department constituent association. You'll qualify for our tour program, our insurance program, and the annual family camp. And you'll continue your loyal involvement with something great — your University of Illinois.

To join, either as an annual member or as a life member, return this form with your check to The University of Illinois Alumni Association, 227 Illini Union, 1401 W. Green, Urbana, IL 61801. Please make check payable to the University of Illinois Alumni Association.

☐ One year single membership—$20  One year husband-wife—$25
☐ SINGLE LIFE MEMBERSHIP—$350. (INSTALLMENT PLAN: $400—$20 DOWN, FOUR YEARLY PAYMENTS OF $95.00.)
☐ HUSBAND-WIFE LIFE MEMBERSHIP—$400. (INSTALLMENT PLAN: $450—$20 DOWN, FOUR YEARLY PAYMENTS OF $107.50.)

Name ______________________ S.S.# ______

Spouse's name (if an alumnus) ______________________

If female, list maiden name. Does Spouse have a U of I degree? ________________

College and Dept. ______________________________ College yr. ________________
KEEP IN TOUCH

Use this form to keep us up-to-date on your activities or to inform us of a change of address.

Name _______________________________ Spouse's Name _______________________________

Names and ages of children __________________________________________________________

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Check here if this is a new address ______

Company Affiliation ______________________________________________________________

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Primary Responsibilities __________________________________________________________

Recent Promotion or Change in Employment __________________________________________

__________________________________________________________

How are you using your aviation training? ____________________________________________

Your aviation training at the Institute ______________________________________________

__________________________ Year Completed __________________

Degree __________________________ Year ______________________ Where ______________

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Former Institute Employee? __________ In what capacity? ______________________________

Alumni News (include photos, press clippings, etc.; use extra sheet if necessary). ______________

__________________________________________________________

If there is something you would like to see in the next Alumni News, please let us know.

__________________________________________________________

Return to: Glenn Miller, Alumni News Editor, Institute of Aviation, UI-Willard Airport, One Airport Road, Savoy, IL 61874. Thanks!!
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