Dear Friends and Colleagues,

The aviation industry continues to suffer from the effects of the recession. The Institute of Aviation faces special challenges as the entire University of Illinois campus looks for ways to save money at a time when funding from Springfield is at best tenuous. We are exploring ways to reduce dependence on state funding while assuring the continued quality of our Aviation program. We continue to attract bright young men and women into our program both as freshmen and as transfer students.

I want you to be aware that the Institute of Aviation placed first in the Region 8 National Intercollegiate Flying Association competition (the Flying Team) which was held here at CMI just a few weeks ago. This assures us of a spot in the national contest this coming spring. I would like to take this opportunity to thank the many alums who donated their time to come to CMI to assist with this event. Without such volunteer effort the Flying Team could not exist.

Speaking of alums, many have moved on to prestigious positions in the aviation industry (and beyond), but we are proud of all of our alums – the original “flying Illini” long before U of I basketball used that moniker. The comradeship of our Flying Illini is strong and longstanding. We hope that you are equally proud of your association with the Institute of Aviation. Please stay in touch with us, and fly safely!

Best wishes,

Dr. Tom W. Emanuel
Interim Director

Mark Your Calendars with these Upcoming Events!

2011

Feb 7: Institute of Aviation Career Fair at the Illini Union, 5:00 PM

April 9: Flying Team Pancake Breakfast & Fun Flights at Willard Airport, 7:00 AM to 1:00 PM

April 9: IFR/VFR Seminar at the Institute of Aviation

May 15: Aviation Convocation at the Illini Union, 2:00 PM

May 16-21: SAFECON 2010 at The Ohio State University
Institute of Aviation Introduces Fun Flights!
Last Spring, the Institute of Aviation implemented its first Fun Flights event. The event consists of a day where the University of Illinois campus and community has the opportunity to see Champaign/Urbana from a different perspective by enjoying a 30 minute scenic flight over the area.

This event was first created to give students with undecided majors an chance to learn about aviation and spark their interest in the field of study. Since then, it has grown to serve everybody in the community. The goal of Fun Flights is to give people an opportunity to fly in the front seat of an aircraft, broaden the public’s interest of aviation, and promote the Institute’s mission to the community.

Recent Community Involvement
- **Chanute Air Camp**: In June, the Institute hosted the young campers from Chanute Air Center in Rantoul. The campers toured the ATC tower, Crash/Fire Rescue, flew simulators, and took airplane rides.
- **Illinois Aerospace Camp**: In July, the Institute provided tours and airplane rides for about 40 campers.
- **Rockford Air Camp**: Three of our instructors flew a plane to Rockford in September for a static display viewed by over 1500 boy scouts and cub scouts.
- **Engineering Department**: The Institute is currently working with a professor in the Civil Environmental Engineering Department to test equipment that may be used by the FAA in the future.
- **Illinois Fire Service Institute**: The Institute provided a flight for a local photographer to take photos for an event held on campus for the Illinois Fire Service Institute.

A future pilot enjoys a Fun Flight

Below: Jeff Beck (Decatur), talks with boy scouts at the Rockford Air Camp

Below: Flight Team competitor Austin Seavers (Decatur), displays an Archer to aspiring pilots
**FALL ALUMNI BBQ!**

On September 25, the Institute hosted its annual Fall 2010 Alumni BBQ. More than 75 alumni and current staff members gathered at the Airport for an evening filled with friends, great food, a raffle, and even flying.

The Institute offered Alumni Fun Flights, and many of our alumni took this opportunity to step into the seat of one of our Piper Archers for a scenic flight over the Champaign/Urbana area.

We were so happy to see everyone who attended this event, and were delighted to share the evening with you all. Be on the look out for information regarding the alumni event at the 2011 EAA Airventure, date TBA! We look forward to seeing everyone there!

**OSHKOSH ALUMNI REUNION**

On August 27, the Institute of Aviation hosted an alumni reunion at the annual EAA Airventure gathering at Oshkosh, WI. The reunion was held at the Charcoal Pit. Several current Institute staff members flew up from Champaign to join alumni and friends from all over the country. Together they shared special stories and memories, enjoyed delicious food and beverages, and watched the air show from a spectacular viewpoint.

Be on the look out for information regarding the alumni reunion at the 2011 EAA Airventure, date TBA! We look forward to seeing everyone there!

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**CONGRATULATIONS CLASS OF 2010 GRADUATES!**

On May 16, the Institute of Aviation held a Commencement ceremony for the Class of 2010. The alumni speaker was Robb Quirk, First Officer for Skywest Airlines. The student speaker was Shawn Piper. The Bronze Tablet award recipient was Luke Karcher. Congratulations graduates!

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Top: Institute alumni Doug Green, Sybil Phillips (Chief Pilot), Tina Willman-Hammar, Andy Hammar, Bill Theisen, and Todd Sebok enjoy food and drink at the Fall Alumni BBQ

Middle: Alumni Todd Sebok displays his multiple raffle winnings

Bottom: 2010 graduates prepare to walk the stage during commencement
**AVI 393 Trip to Oklahoma City**

Each semester for the past ten years, around fifteen students make a four day trip to the Civil Aerospace Medical Institute (CAMI) in Oklahoma City, OK. The trip is part of the AVI 393 Turbine Aircraft Operations course taught by Grant Wofford. One part of the trip allows students to participate in several physiological training sessions. These sessions include a spatial disorientation simulation in a GAT trainer and a "flight" in a hypobaric or altitude chamber. In the altitude chamber, the atmosphere is decreased to an altitude of 25,000 feet and the students are given a safe and practical exposure to the effects of oxygen deprivation and gas expansion. This opportunity provides valuable knowledge of the individual on-setting symptoms of hypoxia and practical consequences of functioning at their own effective performance limits.

During another part of the training at CAMI, the students are exposed to hot climate, cold climate, and wet condition (water) post crash survival situations. During this training the students learn about the various conditions, as well as difficulties and strategies for staying alive until help can reach them in a post crash situation. They learn about smoke evacuation in a wide body simulator through emergency egress training, survival techniques such as building shelters, making fire, and securing water and food. The students also spend about 2 hours in a pool where they experience water survival—becoming familiar with life jackets, rafts, water extraction, and exiting an inverted aircraft by learning to get out of a "dunker".

**New Redbird Simulator**

The Institute of Aviation recently purchased a new advanced aviation training device from Redbird Flight Simulations Inc. The new AATD is called the Redbird FMX. It features an electric motion platform and a fully enclosed cockpit with wrap-around exterior visuals. This full motion training device will surely enhance the simulator experience for our students.

These training experiences develop a greater awareness of the situations and conditions that one as a professional aviator may face. They also help the students furnish strategies to meet the various conditions they experienced at CAMI. Along with the training, and at an equally great value is the ability for the participants to connect with one another on this unique trip. Students spend 22 hours together driving to and from Oklahoma City. Once there, they have an opportunity to build relationships with each other throughout the daily activities, as well as enjoy such things as a great steak at "The Cattelmans" a walk at the Oklahoma City Memorial, and tours of other local spots of interest.

For more information on the training programs you could check out the web sites at [http://www.faa.gov/pilots/training/airman_education/](http://www.faa.gov/pilots/training/airman_education/)

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Above: AVI 393 students prepare to experience the effects of an altitude chamber

Below: The students learn water survival training
Career Fair 2010...
For the last 21 years, the Institute of Aviation has hosted a student-run Career Fair. In February 2010, more than 350 people attended the fair, along with 32 exhibitors. We were honored to have three alumni of the Institute of Aviation as our speakers. The speakers were Bart Stine from FedEx, Monica Gonzalez from Chicago Center Air Traffic Control, and Bill Jaconetti from Boeing. We would like to thank all of our alumni who attended!

This year, the fair will be held on Monday, February 7 at the Illini Union. It will feature three speakers from different facets of the aviation industry. Exhibitors will include airlines, corporate flight departments, aviation organizations, military branches, and aviation businesses. The 2011 Career Fair Committee is lead by Co-Chairs Jimmy Libuszowski and Jay Schroeder. We hope to see many of our alumni at the event, so mark your calendars today!

Left: 2010 Career Fair speakers Monica Gonzalez (Air Traffic Control), Bart Stine (FedEx), and Bill Jaconetti (Boeing) and Co-Chairs Jeffrey Beck (Decatur), and Nadia Kountoures (Evanston)

Right: Alumni John Hixon, Laura Parnell, and Dan Milburg from Delta Airlines at their exhibit

SAVE THE DATE!
Institute of Aviation 22\textsuperscript{nd} Annual Career Fair
Monday, February 7, 2011
Illini Union Rooms A,B,C
Doors open at 5pm with speakers at 6pm
Flying Team Wins 2010 Regional Championship!

The Flying team hosted and placed first overall at the 2010 Region VIII SAFECON October 11-16. The team placed first in the flight events, and second in the ground events. Southern Illinois University followed close in second place, and Lewis University placed third. Purdue University, Middle Tennessee State University, and Indiana State University also competed.

The Flying Team coaches and students dedicate hours of study and preparation to earn success at each SAFECON event. The first place finish qualifies the team to compete in the 2011 National SAFECON to be held at The Ohio State University on May 16-21.

The University of Illinois was proud to host the Region VIII SAFECON event this year. A wonderful job was done by the planning committee led by Alice McCormack. The week included a Friday night social event sponsored by Frasca International at their headquarters in Urbana, and an awards banquet held at the Round Barn.

Team Members at SAFECON 2010
Brett Parr (Pekin)
Jay Schroeder (Danville)
Matt Niemann (Centralia)
Austin Seevers (Decatur)
Kevin Miller (McHenry)
Chris Royer (Shrewsbury, MA)
Jarrett Kempen (Bradley)
Tom Johnston (Bloomington)
Dan Fagan (Mokena)
Dave Bremner (Naperville)
Jimmy Libuszowski (Wheaton)
Erin Galis (Dallas, TX)
Matt Clawson (Western Springs)
Jeffrey Beck (Decatur)
Joseph McElwee (Charleston)

Coaches:
Head Coach: Brian Lumbrazo (Homer Glen)
Assistant Coaches: Erin Tilev (Glen Ellyn)
Alice McCormack (St. Louis, MO), Christine Wintczak (Elgin), Dan Nusbaum (Greenville), Nadia Kountoures (Evanston)

2010 SAFECON Results

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<td>Jay Schroeder</td>
<td>Austin Seevers</td>
<td>James McElwee</td>
<td>Erin Galis</td>
<td>Tom Johnston</td>
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<td>SCAN</td>
<td>Jimmy Libuszowski</td>
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<td>Aircraft Recognition</td>
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SAVE THE DATE!
Flying Team Pancake Breakfast

Be sure to come prepared to eat at the annual Flying Team Fly-In/Drive-In Pancake breakfast which will be held Saturday, April 9th from 7 am – 1pm, here at Champaign/Willard Airport (CMI). This event helps the Flying Team raise money for the trip to the national SAFECON in May. Tickets will be $7 for all-you-can-eat pancakes and sausage! Raffle tickets will also be sold at $1 a ticket with lots of prizes! We will also be conducting Fun Flights, an opportunity for attendees to fly in one of the Institute’s Piper Archers over the Champaign/Urbana area. Hope to see you there!

Institute of Aviation Represented at Quad Day!
Every year, just before classes begin, over 1,000 student organizations represent themselves at the annual Quad Day event. This year, the Institute of Aviation was proud to be one of these organizations. The event is located on the University of Illinois Quad and features hundreds of exhibits and displays. Students walk around and visit booths to sign up for memberships, gather freebies, and learn about what each organization has to offer.

The Institute of Aviation handed out information about the Flight Team, Alpha Eta Rho, and Women in Aviation. Fun Flights were also advertised. Pens and stickers were given out to attract visitors. It was a gorgeous day, and a fun experience for everyone who worked the booth. This event resulted in many people signing up for the Institute’s student organizations and fun flights, and even registering for aviation classes!
Alpha Eta Rho and Women in Aviation Kick-Off the Semester at Kickapoo!

Alpha Eta Rho, the oldest professional aviation fraternity, and Women in Aviation have partnered this semester to continue their tradition of fun social events and professional networking opportunities. This semester the organizations have hosted dinners, study nights, a trip to a haunted house and pumpkin carving, and a canoe trip at Kickapoo Landing. They also created a wonderful float for the Homecoming Parade.

Their plans for the rest of the school year include several fundraisers, the annual field trip to the UPS headquarters in Louisville, KY, and the 2011 Women in Aviation International Conference in Reno, NV.

SAVE THE DATE!

Women in Aviation International Conference
February 24-26, 2011
Grand Sierra Resort
Reno, NV

2010-2011 Alpha Eta Rho Officers
President – Cole Goldenberg
Vice President – David Pankove
Treasurer – Byron Girmscheid
Social Chair – Joe Levar

2010-2011 Women in Aviation Officers
President – Jessalyn Hendricks
Faculty Advisor – Laura Gerhold

Left: Members of Alpha Eta Rho and Women in Aviation at the Kickapoo Landing Canoe trip earlier this fall! Jeffrey Beck (Decatur), Neil Pelech (Orland Park), Alec Gaines (Glen Ellyn), Jimmy Libuszowski (Wheaton), Colleen Fitzpatrick (Morris), Dan Nusbaum (Greenville), Larry West (Champaign), Colin Price, Abbey Nazarian (Chicago), Alice McCormack (St. Louis, MO), Jessalyn Hendricks (Grayslake), Karyn Wojcik (Downers Grove)

Below Left: Instructor Dan Nusbaum (Greenville), and student Jimmy Libuszowski (Wheaton), canoe at the Women in Aviation/Alpha Eta Rho trip to Kickapoo.

Below Right: Students Ariel Wright (Mahomet), Austin Seevers (Decatur), and Cole Goldenberg (Chicago), help direct the Institute’s float in the 2010 Homecoming Parade
The Institute of Aviation is very grateful to the many alumni and friends who made gifts to the college during the 2009 and 2010 fiscal years. Your gifts, both large and small, have helped us to provide numerous scholarships to students, create this newsletter, redevelop our website, and allowed us to host such events as Region VIII SAFECON and the Alumni BBQ this fall. In these times of economic hardship, your support is especially important and we thank you for your extraordinary efforts.

There are numerous opportunities to make a positive impact with your gift, and almost as many ways to give. The University of Illinois foundation will allow you to give to one (or many) of our specific accounts. So go to our homepage, mail a check, or visit the Foundation website if you would like to help. In addition, don’t forget that many companies offer matching funds for charitable donations. I’m sure you are aware that the impact of these gifts is incalculable to the overall success of our programs.

We would also like to encourage alumni to “Share Their Stories” of the Institute and how the education they received here impacted their careers. I’ll look forward to hearing from you!

Ginny Davis, Assistant Director for HR and Communication
217.244.8641
ginnydr@illinois.edu

Special thanks to the support and generous contributions made by alumni that allow the Institute of Aviation’s student groups to continue their success.

Top: Flying Team competitors Matt Niermann (Centralia), Jay Schroeder (Danville), Jimmy Libuszowski (Wheaton), Tom Johnston (Bloomington), Jeffrey Beck (Decatur), and Chris Royer (Schrewsbury, MA) study for their events at the 2010 Regional SAFECON. The University of Illinois placed first at the competition, qualifying them to compete at the 2011 National SAFECON in the Spring.

Bottom: Alpha Eta Rho members Byron Girmsheid (Libertyville), Cole Goldenberg (Chicago), Mike Laccabue (Cupertino, CA), Austin Severs (Decatur), and David Pankove (Princeton Junction, NJ) get ready to display their float in the 2010 Homecoming Parade.

www.aviation.illinois.edu

University of Illinois Institute of Aviation Group