



Iowa Aviation Bulletin

Governor issues kickoff proclamation

FLY IOWA 2003 takes off in Cedar Rapids



Clear your schedule and mark your calendars for July 5-6 when FLY IOWA 2003 takes off at the Eastern Iowa Airport!

You won't want to miss this special celebration commemorating the 100th anniversary of powered flight in the city of Cedar Rapids - once the home of the Wright brothers.

FLY IOWA is an annual statewide fly-in and aviation fair created by the Iowa Aviation Promotion Group. The event is designed to promote aviation and its associated benefits across the state, and use aviation as a motivating force to encourage science, math and technology education among Iowa's youth.

Admission to FLY IOWA 2003 is free.

This year's presenting sponsor is Rockwell Collins. Based in Cedar Rapids, Rockwell Collins is a leader in aviation electronics and communications. Additional sponsors for the event are the Cedar

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Director's Corner

Iowa has plenty to offer pilots, and summer is a great time to visit airports and many of the fly-ins that are hosted throughout the state. All the ones we know about are listed on the calendar of events on iawings.com. If we don't have yours listed, contact Michele Rouse at michele.rouse@dot.state.ia.us or call 515-239-1691. One of the most talked about fly-ins in our state is "FLY IOWA." FLY IOWA is an annual fly-in and aviation fair that rotates across the state. It is designed to promote aviation and its many benefits to Iowa and use aviation as a motivating force to encourage science, math, and technology education among Iowa's youth.

FLY IOWA is sponsored by the Iowa Aviation Promotion Group. This year FLY IOWA 2003 will be held in Cedar Rapids July 5-6. FLY IOWA attracts close to 10,000 visitors each year. We expect that number to more than double with the Centennial of Flight theme events planned. This year our office will be bringing a half-scale model of the Wright Kite Flyer. Students from the Aerospace Engineering Department at Iowa State University and Ames High School students built the kite. Two students will be present and attempt to put the kite in the air.

The Office of Aviation generates a new airport directory every two years. We are very excited about this year's publication. The new directory gave us an opportunity to promote 2003 as the year of the "Centennial of Flight." We also responded to the feedback we received and included more information about not only the airports, but attractions in the surrounding areas as well. The directory is a more useful guide for pilots who fly to Iowa airports. The 2003 - 2004 Airport Directory is now available. If you would like a copy, please contact Michele Rouse at 515-239-1691 or michele.rouse@dot.state.ia.us.

If you would like to explore aviation in Iowa you can do so by flying into the Council Bluffs Municipal Airport and visiting the Commemorative Air Force Great Plains Wing Museum. You can also fly to the Greenfield Municipal Airport and visit the Iowa Aviation Museum / Aviation Hall of Fame to learn more about the history of aviation in Iowa. If your airport has an on-site attraction, let us know.

Summer is also the time of year for camps. Again this year, the Office of Aviation will be a sponsoring partner for the Youth Aerospace Education Camp and two Aerospace Education Council Teacher Workshops. Both of these events were great successes last year. The teacher workshop was so successful, a second one was added this year.

The kids' camp will be held June 15-18 at the Madrid 4-H Camp and is for young people 9-12 years of age. The kids will build and launch rockets, design robots and learn about DNA. Also, tours of the local airport are planned. You can learn more about the camp by visiting www.extension.iastate.edu/4hcenter.

The teacher workshops will be held June 10-11 in Sioux City and July 1-2 in Cedar Rapids. The workshops provide teachers with materials and ideas for inclusion in their science classes. The Aerospace Education Council, in association with Iowa State University's E-SET program, conducts the hands-on workshops.

This is a great time of year to take advantage of the resources your local airports have to offer. Your local airport could be used to host fly-ins sponsored by local organizations wishing to raise money for a good cause, host meetings, or host field trips for youth groups to promote careers in aviation. Check with your local airport manager to see what is available.

I look forward to seeing you all at FLY IOWA 2003 and other air shows around the state.

Michelle McHenry



2003 Aviation Conference plans well under way

Aviation issues continue to be critically important to communities. It is very important that Iowa's aviation community is aware of, and proactively addresses, all these issues. The cornerstone event for this to happen will be the 2003 Annual Aviation Conference. We have assembled a great group of people for the planning committee who will set the conference agenda. By the time this article is printed they will have had their first meeting. One of this year's main themes will be the Centennial of Flight.

As with all endeavors, the conference needs financial support from all stakeholders to ensure success. We know that everyone is busy, but we need for you to start thinking about what role you can play in the success of the conference.

Sponsorships and vendors are the real backbone of the conference and critical to its success. Of course, delegate attendance is essential and we have kept the registration fee low. Lastly, we always need qualified speakers willing to present in their area of expertise.

Whatever you can do to help ensure the success of the 2003 Iowa Aviation Conference will be greatly appreciated. We hope that you will set aside **Oct. 16-17** to attend and start planning your level of participation now. The conference will be held at the West Des Moines Marriott. **(See the insert in this issue to register.)**

Working in partnership with the Iowa DOT, the Iowa Public Airports Association is handling all sponsorship and vendor registrations through Association Insight. Please contact Sue at 515-272-0648 or sheath@iasoybeans.com.

You can also find information regarding sponsorship, vendor booths and conference registration at iowaairports.org.

We look forward to seeing you at the conference.





Aviation Association Update



Iowa Aviation Promotion Group (IAPG) Plans Active Summer

Summer is supposed to be a slow-down, kick back, and relax time. Not so for IAPG. Activities include FLY IOWA 2003 at Cedar Rapids, two workshops for teachers in instructing on aviation and space, and a Youth Camp, "Travel Your Universe: Rockets, Robots, Airplanes, Stars, and DNA!" These projects all have the footprint of IAPG and its Aerospace Education Committee.

IAPG, working with Iowa State University Extension, the Iowa Space Grant Consortium, Experimental Aircraft Association, Federal Aviation Administration and Iowa DOT's Office of Aviation will help make all of these projects happen. The two teacher workshops are set for June 10 and 11 at Sioux City, and July 1 and 2 at Cedar Rapids. Both workshops feature a day of class work and an airport field trip visiting such facilities as FAA control towers, airport operations, and fixed-base operators (FBOs). It is anticipated that 25 teachers will be enrolled in each workshop.

The youth camp will enroll up to 50 youngsters, ages 9 through 12, and will be held at the 4-H camp in Madrid, June 15-18. A field trip to the Boone Airport is set, with tours of the Iowa Army National Guard Aviation Facility and CY Aviation, the Boone FBO. The Central Iowa Business Aviation Association corporate pilots will bring several interesting aircraft for the youngsters to tour. And the Experimental Aircraft Association Young Eagles program will offer each kid a short introductory flight.

The capstone of IAPG activities is FLY IOWA 2003, set for Saturday and Sunday, July 5-6 at the Eastern Iowa Airport in Cedar Rapids. Since 2003 is the Centennial of Powered Flight, many special activities are planned, including an art contest, a science project competition, fly-in breakfast, hanger dance, many static displays, and flight demonstrations. Admission is free to the general public. The Iowa Aviation Promotion Group is a

major sponsor of FLY IOWA, providing seed money and other assistance to the Cedar Rapids FLY IOWA 2003 Committee. FLY IOWA 2003 promises to be one of the best events ever, showcasing the best of Iowa aviation.

None of the above events can happen without an enthusiastic membership of IAPG. The group is seeking to increase its membership and get more aviation industry companies on board, as well as individual memberships. Corporate memberships are \$100 annually and participating (individual) memberships \$20.

For more information on membership, contact Chuck McDonald at 515-964-1398 or chuckdsmcc@aol.com. The IAPG is a non-profit 501 (c)(3) organization. Due to state budget cuts, it no longer receives the full extent of Iowa DOT financial backing it once enjoyed, so memberships, contributions and grants sustain its good work.

Iowa Space Grant Consortium

A math teacher at Lansing Middle School in Eastern Allamakee Community School District has won a World Space Week Educational Award from the



Spaceweek International Association.

Gertie Monat, whose eighth grade class scored the highest for the middle school category in the Iowa Space Week Science Challenge, was recognized and received a \$500 grant to improve educational resources at her school when she attended the World Space Week Educational Awards in late April near Washington, D.C.

Winners were selected on the basis of the educational projects they did as a part of World Space Week 2002. The Iowa Space Week Science Challenge was sponsored in part by the Iowa Space Grant Consortium and open to all K-12 classrooms in the state. Contestants listened to special editions of the Earth and Sky radio program broadcast by WHO Radio during Space Week, Oct. 4-

Nebraskan is first!

Vernon Goff of Omaha, Neb., became the first Experimental Aircraft Association (EAA) member to receive special recognition for completing a homebuilt aircraft during aviation's centennial year. He finished a GlaStar I that will make its first flight during 2003.

Goff (EAA #556507) received a certificate of accomplishment plus a limited-edition centennial data plate for his aircraft, where he can list the make, model and serial number of the airplane as required under Experimental/Amateur-Built regulations. He received his special airworthiness certificate from the Federal Aviation Administration (FAA) Dec. 17, 2002 - the 99th anniversary of the Wright brothers' first flight.

"We know that this centennial homebuilt will be the first of many that will take to the sky during this special year in aviation," said EAA Executive Vice President Bob Warner. "By building and flying their airplanes, these EAA members help maintain the legacy of the Wright brothers, the first successful homebuilders."

Any EAA member who completes a homebuilt aircraft between Dec. 17, 2002, and Dec. 31, 2003, is eligible for the centennial recognition. Further information is available by contacting EAA's Aviation Information Services office at 888-322-4636, ext. 4821, or via E-mail at info@eaa.org.

10 and did special classroom science activities based on the broadcast topic. They then took a quiz (for the categories of K-3, 4-8 or 9-12) based on the content of the radio programs and supporting activities. The winning classroom received a prize package totaling \$5,000 and the winner of each level won a classroom telescope.

Monat has also been asked by the Spaceweek International Association to serve as an "ambassador" this coming year to help promote World Space Week to teachers in her region directly and through the media. Monat teamed up with science teacher Gary Bottorff for the Iowa Space Week Science Challenge.



2003 Air Academy Camps

Young people and families can explore the fascinating world of flight as the nation's longest-running aviation camp, the EAA Air Academy, presents a complete schedule of residence programs this summer.

This year's program schedule will begin June 21 and end Sept. 1. The individual camps range from three to nine days, and are designed for youth ages 12-18 and adults.

Five distinct programs are offered at the EAA Air Academy. Three are designed specifically for young people: The Primary Aviation Fun Camp for 12- and 13-year-olds; Intermediate Aviation Experience Camp for those 14 and 15 years old; and the Advanced Aviation Leadership Camp for ages 16-18. In addition, a Family Fun Flight Camp is scheduled for July 3-6, and a First Flight Camp for youth and adults will have two sessions in August. All sessions are based at the EAA Aviation Center and new Air Academy Lodge in Oshkosh.

"Since 1984 the EAA Air Academy has hosted thousands of young people from around the world, launching them on their own voyages of self-discovery and aviation adventure," said Chuck Larsen, executive director of residence education for the EAA Aviation Foundation. "Each participant will learn that the sky is not the limit - it's a beginning for aviation fun, adventure, friendship and knowledge."

The EAA Air Academy programs, which are accredited by the American Camping Association (ACA), are staffed with instructors with more than 180 years of combined experience at the Air Academy and more than 225 years of teaching and counseling background. The Air Academy's mission is to provide a fun aviation learning experience and develop bonds with other young aviation enthusiasts.

This year's Air Academy programs specifically for youth include:

- Primary Aviation Fun Camp (June 21-25 or June 27-July 1). Designed for ages 12-13, this introduction to the world of aviation is fast-paced with plenty of hands-on activities. It also includes ample recreation time, including the Air Academy Lodge Challenge Course.

- Intermediate Aviation Experience Camp (July 8-13 or July 15-20). These sessions for 14- and 15-year-olds include workshop activities and "in the air" experiences. Science and technology come together to expand a young person's horizons and raise new possibilities for their future.
- Advanced Aviation Leadership Camp (July 22-31 or August 2-11). The original Air Academy program for young people ages 16-18, these sessions provide a first-hand experience in recreational aviation on the ground and in the air, designed to enhance the participants' leadership skills, as well as their love of flight. It includes participation at EAA AirVenture Oshkosh.

In addition, adults and families can enjoy two additional offerings:

- First Flights Camp (August 6-14 or August 17-25). Designed for ages 15-18, as well as adults, the camp focuses on successfully completing private pilot ground school, and up to eight hours of dual flight training.
- Family Fun Flight Camp (July 3-6). An introduction to the world of aviation, this family-oriented hands-on program presents the basics of flight and aeronautic concepts in a "science camp" format that is a unique combination of fun and discovery for aviation enthusiasts of all ages. A wide variety of activities are offered to suit the interests of the whole family over the Fourth of July holiday.

For more information on any of the EAA Air Academy sessions, including a registration brochure, contact:

EAA Education Office
airacademy@eaa.org
EAA Aviation Foundation
P.O. Box 3065
Oshkosh, WI 54903-3065
920-426-6815 or 1-888-EAA-EAA9
Web site: http://www.eaa.org/education/youth_programs.html

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Rapids Jaycees, United Fire Group, Henry Russell Bruce, and a Witwer Trust Fund Grant from the Linn County Board of Supervisors.

Among the aircraft that will be on display are a B-17 Flying Fortress and B-24 Liberator, the planes that won the air war in Europe during WW II. Also on hand will be the A-10 Thunderbolt II (Warhog), the air war hero of Gulf Wars I and II. And you will be able to take a step back in history and take a flight on the Experimental Aircraft Association's 1929 Ford Tri-Motor.

Other activities at FLY IOWA 2003 will include aircraft fly-overs, exhibits from the aviation world, fly-in breakfasts on each day, a hangar dance and buffet Saturday night, and demonstrations by the Cedar Rapids SkyHawks. Helicopter and planes rides will also be offered.

For more information about the event you can log onto the award-winning FLY IOWA 2003 Web site at flyiowa2003.org. Organizers anticipate up to 35,000 people will attend this history-making event.

Local advertising agency Henry Russell Bruce has created a special logo for the event that will be made into posters available for purchase.

In addition to FLY IOWA 2003, there are many other exhibits and programs planned throughout Cedar Rapids to celebrate 100 years of powered flight. The Aviation Points of Interest planned at this time include:

- "Wright to Flight," an exhibition at The History Center June 27 - Nov. 4. The exhibit features Linn County's link to aviation history.
- Science Station/McLeod Busse IMAX Theatre will have aviation exhibits and show an aviation-related movie at the IMAX Dome Theatre.
- African-American Historical Museum and Cultural Center of Iowa will feature information about African-American aviators.
- "Fly Wright - Just Plane Art" in downtown Cedar Rapids June to September 2003, sponsored by the Cedar Rapids Convention and Visitors Bureau and the Renaissance Group, Inc.



Air cargo growing by leaps and bounds

Roy Criss

The Bureau of Transportation Statistics recently reported that air cargo movement in the United States increased 200 percent between 1980 and 2000. During the same period, Iowa saw nearly a 600 percent increase in air freight movement. As the world population continues to grow, and the planet becomes more of a global community demanding goods and services delivered “just-in-time,” we see air cargo playing a more significant role in our air transportation system.

Iowa’s air transportation system contributes \$834 million annually to the state’s economy and supports nearly 10,000 jobs. Cargo plays a large role in that thanks to the forward thinking exhibited in Iowa in the early 1980s. Planners at Des Moines International and Eastern Iowa (Cedar Rapids) airports started building dedicated cargo facilities when carriers like UPS and Federal Express came along. (While all Iowa



airports have seen significant increases, these two airports represent more than 99 percent of the state’s cargo handling.) Before that, cargo was moved in the limited space of passenger carriers.

Many smaller commercial airports and larger general aviation airports are finding cargo movement becoming more prominent at their facilities. Studies show that businesses purposely locate near

airports and many businesses are looking to smaller communities. This, coupled with Iowa’s central geographic location and strong highway system, positions Iowa’s communities to capitalize on this avenue of economic development.

Cargo movement has also become very high tech. The Unisys Corporation has joined with Air Canada Cargo, Northwest Airlines Cargo and United Airlines Cargo to form Cargo Portal Services. This is an internet-based portal that allows companies to book and manage shipments on line. Some 300 organizations have shown interest because of the cost reduction potential and the ability to improve customer service.

As in most things, it is a “good news-bad news” scenario. Although modern aircraft have the capability to carry more weight than planes in the past, there are a couple of situations that may negatively impact air cargo shipping in the near future. The International Air Transport Association has submitted justification to the U.S. DOT to change the volume-to-weight formula that has been used for calculating air freight rates for more than two decades. Shippers fear this could lead to a rate increase that would result in less cargo being shipped by air. Add to this any new security measures, and who knows what may happen. As with everything in aviation, new challenges are presented all the time. You can bet the aviation community will step up, as it always does, to tackle these challenges and continue to make huge economic and quality of life contributions.



2003 Aviation Hall of Fame inductees

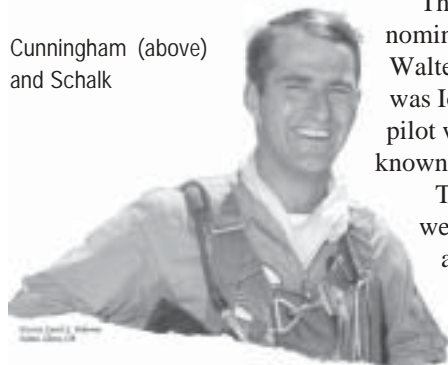
The board of directors of the Iowa Aviation Museum in Greenfield will commemorate the lives and extraordinary vision of the Wright brothers by inducting them as honorary members into the Iowa Aviation Hall of Fame.

Orville and Wilbur lived in Cedar Rapids when they were young. It is believed that it was during this time that their father gave them a toy that prompted their experimentation with flight.

The selection committee also chose two nominees for induction this year. They are Walter Cunningham and Louis Schalk. Walter was Iowa’s first astronaut and Louis was a test pilot who was the first to fly what later became known as the SR71 Blackbird.

The hall of fame induction ceremonies were held Saturday, May 31. Information about the hall of fame and Aviation Museum can be obtained by calling 641-343-7184.

Cunningham (above) and Schalk





Statewide marketing

Roy Criss

The 30-second commercial “Choose to Use Iowa Airports” is being run as a public service announcement on KCCI (CBS) in Des Moines. It has aired 24 times in the last month. (That is a value of over \$2,000 we received free.) The spot was also submitted to KTIV in Sioux City and KCRG in Cedar Rapids.

Remember the brochure “Next Time, Why Not Fly?”? Well, it doesn’t exist anymore. We renamed it, gave it a new look and updated its contents. It is now called “Explore Aviation in Iowa.” It touts aviation-related points of interest (such as museums) in the state. More than 1,000 will be distributed at welcome centers and rest areas. If you would like a supply to distribute in your area, contact Melissa Davis-Oviatt. Her contact information is on the back page of the bulletin.

We continue to grow our partnership with the Iowa Tourism Office. They have added a link to our Web site (iawings.com) from theirs (traveliowa.com). It is located under the “Contact” bar, then “Travel Answers.” As people plan their travel events, they now have a way to include aviation. We sent 100 of their new catalogs, which include aviation events, to Michigan for the Spring Section Meeting of the 99’s. That section covers 10 states, including Iowa.

We received a request from the Knox County Airport in Ohio for some of our activity books. Seems if you go on line and type in Aviation Color/Activity Book, our Web site is the only one that comes up. Cool! Of course we sent them. We couldn’t rob third graders in Ohio of the opportunity to learn about aviation in Iowa.



We created our own Centennial of Flight logo to be used on materials we produce celebrating 100 Years of Powered Flight. (Actually, Michele Rouse worked with Nola Barger in Graphics – and it looks great!) The first place we used it was on a poster titled “Iowa Celebrates 100 Years of Powered Flight.” It includes a timeline of events in Iowa aviation history. So far, we have distributed more than 50 of the posters. They have received rave reviews and can be seen in museums, airports, chambers of commerce, libraries and the Historical Building in Des Moines.

The artwork of the state winners in the International Aviation Art Contest was used to make a large display that will accompany our travel booth to air shows, FLY IOWA 2003, conferences and the Iowa State Fair. We estimate more than 60,000 people will see it. When not traveling, it is displayed at the DOT.

The Office of Aviation’s traveling booth and the Rite Kite Flyer will make stops this summer at the Iowa State Fair, FLY IOWA 2003 and Wonder Week at the Grout Museum in Waterloo. The booth, by itself, will appear at the Quad City and Ottumwa air shows.

When we consider **all** the possible exposure, well over a million people could see our materials and message. At any count, the number of people that will see our materials and displays will be significant.

Learning to fly series

Television viewers can discover the joy and accomplishment of becoming a pilot through the new “Learning to Fly” series created for the Discovery Wings Channel by the Experimental Aircraft Association (EAA) and its affiliate, the National Association of Flight Instructors (NAFI).

The 13-part series, produced by EAA Television, is the first program dedicated to showcasing the steps in earning a pilot’s certificate. Each half-hour episode follows the challenges and achievements of one student through each level of training with a flight instructor. The series also shows viewers what is involved in flight training and how they can also take their first steps toward reaching their personal dreams of flight.

“We know that millions of people have considered learning to fly, but have hesitated because they don’t know what’s necessary to reach that goal,” said EAA President Tom Poberezny. “EAA saw this series as essential to reaching those people with solid information and encouragement. We hope through the series, EAA can welcome many new people to the very fulfilling world of flight.”

ALERT

For the first time, the Iowa Department of Transportation is offering Pavement Condition Index (PCI) and Micropaver training to interested parties. This training is free.

Check iawings.com for the upcoming training schedule.



Commercial Service Airport Update

Des Moines International

Construction on the new cargo building just southwest of the recently expanded cargo apron began in May, with completion projected by the end of the year. The 27,500-square-foot building is designed to accommodate two tenants and will house a cargo sort area, administrative offices, loading docks, storage area for ground and aircraft maintenance equipment, and will access the new cargo apron. This will more than double the air cargo space with over 36 acres on site. The \$2.4 million project will be covered with revenue generated by a 15 percent Iowa Department of Transportation grant and with revenue from future tenants.

We congratulate United Airlines on its 76th anniversary here in DSM. United Airlines has been providing air service at DSM International since July 1, 1927, providing local employment and air service to many Iowans and numerous destinations during that time span.

Monthly passenger traffic continues to rise at the DSM International Airport. The March figures of a 4 percent monthly increase over last year marks the eleventh consecutive month that Des Moines has shown a load level increase despite the national declining trend in air service. Overall, the airport is experiencing a year-to-date increase of almost 9 percent with 424,172 enplaned/deplaned, compared to a 389,845 total at this same time in 2002.

Des Moines will inaugurate a non-stop service to Las Vegas with the addition of Allegiant Air out of Las Vegas in June. Anticipation is great for this airline with administration/operational offices in Las Vegas, Nev., and Fresno, Calif. Providing a year-round service to one of Iowa's primary leisure destinations will ease the sting of the termination of Sky West's operations in DSM.

America West Express/Mesa has expanded its service with two daily flights to Phoenix, Ariz., on two larger, regional jets, a CRJ700 and a CRJ900 coming in June. This represents not only a 40 percent increase in load capacity, but also an upgrade in quality with the inclusion of 12 first-class seats in the aircrafts.



Mayor Heck Ross inaugurating United Mainliner 230 (DC-4) at the DSM Airport on April 24, 1949.

Sioux Gateway Airport/ Col. Bud Day Field

Airport Entrance/Discovery Boulevard

Work on the construction of the new entrance road, starting at the intersection of Discovery Boulevard and the new airport interchange and ending at the terminal building roadway loop, has started again. All grading, storm sewer, utility, and paving work has been completed. The contractors are currently working on landscaping, lighting, sprinkler system installation, signage (monument and directional), striping, and site restoration. The anticipated completion date is the end of May.

I-29/Airport/Sergeant Bluff Interchange

Work continues on the I-29/Airport/Sergeant Bluff interchange project, which is reconstructing the current interchange and modifying the alignment heading into the airport. The state and contractors have been blessed by moderate temperatures and snowfall this past winter. Bridgework is nearing completion with

the bridge pier supports and support beams installed. There are actually two bridges on the project, one that spans I-29 and one that spans the Union Pacific railroad tracks. Storm sewer work for the ramps is in progress with paving starting shortly after this work is complete. Once paving is done, the new bridge will be opened on the north side and the south ramps will be closed for reconstruction. The interchange project should be completed in late summer or early fall.

Taxiway Alpha Construction/Reconstruction and Petroleum, Oil and Lubricants Road Construction

Construction work on the taxiway project in support of the Iowa Air National Guard conversion from F-16 to KC-135 air refuelers started in mid-April. The project includes reconstruction of a portion of Taxiway Alpha, construction of a new portion of Taxiway Alpha, pavement of the Guard's fuel farm access road, and building removal/site restoration of the former Mid America Air Museum site. The project is anticipated to be complete by September.

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In January the mission of the 185th Iowa Air National Guard based at the Sioux Gateway Airport changed with the departure of the last five F-16 aircraft. The Guard hosted several hundred people at their main hangar in a departure ceremony that allowed those in attendance to “reflect upon the past, and look forward to (the Guard’s) exciting future.” The 185th received its first F-16 aircraft in December 1991, and with the F-16s departure the unit will not, for the first time in its 56-year history, be flying single seat fighter jets. The new role of the Guard will be to fly KC-135 refueling tankers, the first of which arrived in April. By the end of the year, the 185th should have a total of nine tankers based at the airport.

Southeast Iowa Regional

2003 gets off to a flying start for BRL

Although Southeast Iowa Regional Airport is far from its commercial capacity, boarding numbers and passenger comments have officials smiling this spring. For years, BRL has fought “leakage” – loss of commercial passengers who live or work in the area, but choose to fly from more distant airports. Now, people are beginning to agree that it is a waste of valuable time.

One such patron is a long-time Burlington chiropractor who recently confirmed plans to take his entire staff to Dallas for a seminar. Being able to use our local airport allows him to see patients all morning and fly out in the afternoon, which he could not do if he had to drive somewhere else.

Time is also of the essence to regional factories. When a customer calls, they need to get out fast. BRL is convenient for them, and more important, convenient for their customers.

Leisure travelers are also turning increasingly to the region’s own airport. Once you get on in BRL, there’s no more baggage inspection, no more personal checks. You’re cleared all the way through. Many have found Burlington to be the most convenient and economical. Many flights have been full in recent weeks, and that’s the way we like to see it.

Long-term lease-build program gets first taker

A local hangar tenant has become the first to accept an Airport Authority offer of a long-term lease on BRL land in exchange for the right to install a custom-built facility. The construction is expected to start in May and the tenant will enjoy a 25-year lease on the property. Several parties have expressed interest in tenant-built facilities since the Airport Authority opened the topic for discussion last October. The concept arose as a way to develop “new” airport land south of the airport office and west of the new main taxiway.

Eastern Iowa Airport

Sign, sign, everywhere there’s a sign. That’s what you’ll see as you drive to the Eastern Iowa Airport.

New directional signs have been installed along Wright Brothers’ Boulevard and the airport’s new entrance to aid in directing visitors. Street signs will soon be installed, designating each road with a name taken from the aviation community. The names will include Arthur Collins Parkway, Beech Way and Cessna Place. Monument signs with the airport’s name have also been placed along the entrance road.

Landscaping work along the entrance and exit roads of the airport has begun. The Cedar Rapids Garden Club has offered to provide all landscaping design, materials and installation for those areas. Trees have been planted along the entrance and exit, and further landscaping will be done in the entrance median and on both entrance corners.

Other work being done at this time at the airport includes the extension of runway 13/31. This extension will take the runway from 5,700 feet to 6,200 feet, and will be completed in late spring or early summer.

In April, Airport Director Larry Mullendore received notification from Iowa Senators Chuck Grassley and Tom Harkin that the airport will receive \$2.9 million from the Federal Aviation Administration. The funding is through the Airport Improvement Program and will be used to improve a general aviation taxiway and install a runway guidance system at the airport. The total cost of the project is \$3.2 million.

Mason City Airport

Mason City Airport Commission and Northwest Airlink Planning officials recently met to discuss improved air service for Mason City. The addition of a flight to the current airline schedule was discussed as part of the Air Service 21 Pilot Program awarded to Mason City. Airport Commission officials will continue to work with Mesaba Airlines and the U.S. Department of Transportation to ensure the pilot program is successful now and in the future.

The Airport Commission recently submitted its Commercial Service Vertical Infrastructure Work Plan for FY 2004 to the state for various projects at the airport. One project involves the removal of two buildings to allow for future hangar development.

A new 1,500-gallon airport aircraft firefighting (ARFF) vehicle is scheduled to be purchased this year, upon the recommendation of the Federal Aviation Administration certification inspector.

Dubuque Regional Airport

Want a little less stress when traveling? Try this. Recently, the Dubuque Regional Airport announced the initiation of Prepaid Airport Parking. Log onto the airport Web site at flydbq.com where passengers can pay airport parking from the convenience of home or office prior to arriving at the airport.

Dubuque Regional Airport is planning to purchase two new pieces of snow removal equipment: a liquid de-icing truck and a 16-foot runway broom with a blower unit.

On April 29, Dubuque hosted the MARFT (Mobile Aircraft Fire Rescue Trainer). Participating with Dubuque’s Airport Aircraft Rescue Firefighters were members of the Dubuque Fire Department, Key West Fire Mutual Aid and students from the University of Dubuque.

The Experimental Aircraft Association will be holding its annual fly-in breakfast on Sept. 7, at the Dubuque Regional Airport.

The Dubuque Airport Commission has entered into the negotiation phase in the selection of a firm to complete a new master plan. Changing primary runways was one of the last major elements set

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forth in the current master plan, with this multi-year project being accomplished from 1997 to 2002.

Fort Dodge Regional Airport

The Fort Dodge Regional Airport held an FAA-required full-scale disaster drill on Friday, April 25, at 6 p.m. It was the fifth disaster drill conducted at the Fort Dodge Regional Airport. Previous drills were conducted in 1992, 1994, 1997 and 2000. As in past drills, the objectives were to test and improve emergency preparedness. The exercise was intended to allow cooperating hospital, fire, police, area volunteer fire and rescue departments and emergency preparedness offices, as well as airport personnel, to practice emergency roles in response to a simulated aircraft emergency.

This year they had an added element that dramatically enhanced the realism of the drill. A MAFT (Mobile Aircraft Fire Rescue Trainer) unit from the University of Missouri, Fire and Rescue Training Institute, Columbia, Mo., simulated the aircraft involved in the drill. This was the first time the unit had been brought to Iowa. This unit used propane to simulate aircraft fires, which was controlled by a panel operated by a qualified member

from the Fire and Rescue Training Institute. The unit was able to simulate different types of fires associated with aircraft rescue, such as engine fires, wheel assembly, cockpit, galley, cabin, cargo, fuel spills, and flash over fires. Even though this was an airport disaster drill, this type of exercise tests the emergency preparedness systems that would be activated for all types of disasters, not just an aircraft disaster. The lessons learned from an exercise such as this, provide valuable experience in the case of a real disaster.

Along with the airport ARFF personnel, local agencies that were involved include: Mesaba Airlines, Fort Dodge Flight Support, Transportation Security Administration, Red Cross Brushy Creek Chapter, Salvation Army, Community Action Network, Fort Dodge Fire Department, Fort Dodge Police Department, Badger Fire Department, Barnum Fire Department, Callendar Fire Department, Otho Fire Department, Gowrie Ambulance Service, Trinity Regional Medical Center Emergency Service, DART buses, FAA Automated Flight Service, North Central Critical Incident Stress Management Team, and Webster County Emergency Management.

Web page for used airport equipment advertisements

The Office of Aviation has created this Web page to assist airport managers and owners in advertising surplus equipment available to other airports. The goal is to offer airports the opportunity to buy, sell, trade or make other mutually acceptable agreements among themselves. If the airport needs financial assistance and desires to use grant money for the purchase, then all normal procurement procedures apply.

The Department of Transportation, Office of Aviation, staff or any employee does not warranty, guarantee or imply in any manner the working condition or safety of the equipment. All surplus equipment must not have grant assurances issues remaining (10 years on equipment). Caveat Emptor (let the buyer beware) is the guiding principle behind the effort to bring buyer and seller together. It is incumbent upon the buyers to know what they are buying.

You can find this page by going to iawings.com, click on the Iowa Airports link and then the Airport Equipment Advertisements link. Also on this page you can find a link to the Iowa Department of Transportation's public auction Web page and U.S. General's surplus property Web page.

If you are an Iowa airport manager or sponsor wishing to advertise equipment available on this site, e-mail Michele Rouse at michele.rouse@dot.state.ia.us or call 515-239-1691.

Air show brings diabetes awareness to Fort Dodge

Insulin-dependent competition pilot among those flying for the cause

Eric and Diane Amundson of Humboldt own and operate Fort Dodge Flight Support, the FBO at the Fort Dodge Regional Airport. The Amundsons have a son, Peder, who was diagnosed with diabetes when he was in kindergarten. Since then they have been strong supporters of diabetes awareness. In conjunction with the Plane Crazies Annual Chili Fly-in, the Amundsons organized an air show and airplane rides on Saturday, April 12, to raise funds for diabetes awareness. During the day, more than 200 people paid a minimum of \$20 each to take an airplane ride that lasted approximately 20 minutes. About 15 pilots donated their time and use of their aircraft. The Plane Crazies Flying Club donated the monies to cover expenses for fuel, along with making the chili for the fly-in.

Michael Hunter of Wonder Lake, Ill., is the pilot of the aerobatic plane "Flight for Diabetes." He is also an insulin-dependent competition pilot. He checks his blood-sugar level at least five times a day. On air show days, he checks it at least 15 times. Twenty years ago the Federal Aviation Administration (FAA) said he couldn't fly, and they were right. The technology was not available then for him to be able to be a pilot. Today he is flying, but he is required by the FAA to test his blood-sugar level before he takes to the air. Hunter wants to show people diabetes is not a limitation and it can be controlled. He wants children to believe they can be anything they want to be.

The event raised over \$5,200 for the "Flight for Diabetes."





Aviation Advisory Council Meeting

Dick Blum

The Aviation Advisory Council is a diverse group of people representing a broad cross-section of aviation interests in the state and region. This group meets quarterly for the purpose of providing a sounding board for, and input on a variety of topics. If you've followed this series of articles, you've probably noted the wide range of discussions that have taken place at these meetings, as well as the diversity of the participants.

I represent the Iowa Aviation Promotion Group (IAPG), one of several associations that are standing members of the council. (You may know IAPG as the group that sponsors FLY IOWA.) Our organization is dedicated to the general promotion of aviation activity in the state, with a special interest in educational activities.

I have been flying for more than 30 years and involved in Iowa aviation for more than 25 years. This is the third Iowa DOT advisory group or committee on which I have served and I continue to find the discussions meaningful. I still enjoy the challenge of finding solutions. I also was a member of the committee that first planned FLY IOWA in 1991. I was co-

chair of that event in Iowa City, and was a committee member for the 10th anniversary of FLY IOWA, also in Iowa City.

Our meeting in Ames April 3 was the first to be attended by new members David Maahs (Ames Chamber of Commerce), Bill McGinn (Council Bluffs Airport Authority), Jim White (John Deere), Tim Busch (Rockwell Collins) and Jeff Davidson (Johnson County Council of Governments), and Kevin Foley (University of Dubuque).

Outlined below is a summary of our discussions:

Welcome

After council members introductions, Michelle discussed the role of the council, and term length. To maintain diversity in the group and see that it represents all facets of aviation, we will keep the terms at two years.

Michelle discussed the FY2003 Office of Aviation goals. A handout listing the goals was distributed to everyone present.

Special guest: Brian Crawford, an Iowa State University Aerospace Engineering student, gave a presentation to the group on the Rite Kite Flyer project that the Office of Aviation is sponsoring.

Two members of the building team and a member of the Office of Aviation will have the flyer on display at the Iowa State Fair and in Cedar Rapids at FLY IOWA 2003.

Legislative

State

It looks as if aviation will not receive a general fund appropriation, but the infrastructure money appears to be fairly safe.

Michelle encouraged the council to become actively involved in promoting local airports and the economic development role they play in their communities. Council members also suggested that business leaders be contacted to advocate the need for the airport and its economic value to the city.

The council should help inform the broad population of the state that general aviation (GA) airports are economic development tools for their cities.

Federal

Several handouts concerning federal legislation were distributed: "2003 Proposed Aviation Federal Legislation" that lists bills of interest, "FY2003 Federal Transportation Appropriations Act and Funding provided to Iowa," and a section by section analysis of the "Administration's aviation reauthorization bill."

Kay Thede gave a legislative update presentation. She discussed the 2003 appropriation, proposed legislation, reauthorization and non-primary entitlements.

Marketing Update

Roy updated the council on the Office of Aviation "Centennial of Flight" action plan. Each member received a copy of the action plan, Iowa's Centennial of Flight Logo, a poster-size copy of Iowa's Aviation Timeline, and a poster-size copy of the art contest display that will be traveling around the state to several air shows and our annual aviation conference.

Right: Mike Roe, Kevin Foley, and Tim Busch.



Bottom: Mike Marr, Ron Duer, Steve Firman, Kay Thede, and Michele Rouse.



Advisory Council, go to next page



Advisory Council, from previous page

He informed the council that the commercial the office made last year is now being aired as a public service announcement.

The “Explore Aviation in Iowa” brochure was distributed to all attendees. This brochure replaced the “Next Time Why Not Fly” brochure and can be found at most of the welcome centers around the state.

The Office of Aviation is helping sponsor the following: Kids Camp (IAPG & E-Set); Teachers Workshop (IAPG & E-Set); Rite Kite Flyer (ISU Aerospace Engineering); Annual Iowa Aviation Conference; and the Professional Aircraft Maintenance Association Annual Conference.

Aviation System Plan

The state Aviation System Plan will be updated this year. A selection committee will interview firms and the Aviation Advisory Council will be used for input and feedback during the process. A draft plan is expected in 12 months.

GA Security – Role of TSA

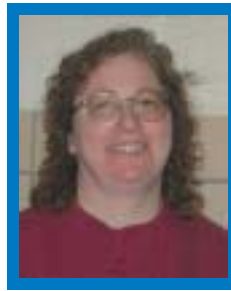
Michelle informed the group that Transportation Safety Agency (TSA) has no jurisdiction over GA Airports, but TSA representatives will be going to the GA airports in their area and introducing themselves.

Office of Aviation Upcoming Events

The Annual Aviation Conference will be Oct. 16-17, at the West Des Moines Marriott. In March the Office of Aviation sent out sponsorship and exhibitor information to all past sponsors and exhibitors, and to some prospective businesses. Program planning will be completed in early May.

The date of the next meeting is June 6, at the Scheman Building, Iowa State University, Room 299, Ames.

Boone students are flyin’ high



Sylvia Tiala

Roy Criss

Sylvia Tiala took over the industrial technology program at Boone High School 11 years ago. The offer came with a challenge:

improve the overall curriculum. Though she refers to herself as a shop teacher, her success speaks volumes.

The first thing she did was secure a \$5,700 grant from the Iowa Space Grant Consortium. With this she purchased a space capsule simulator as part of the aerospace program. Then, someone asked her about starting an aviation education program. It was a natural progression “with all the support from the local airport and National Guard,” she says. Today, she teaches an 18-week course that averages 12-24 students.

The full semester class, open to any student in grades 9-12, is a nice balance of in-class learning and hands-on experience. Here are the basic course elements:

Math for Aviators – Tiala got the course materials from Indian Hills Community College in Ottumwa. (“For high school students, this stuff can be pretty dry, so I try to make this as hands-on and fun as I can,” she explains.)

Wing Building – The students use their own wind tunnel (on loan from Iowa State University) to build and test wings. Then, they go on line to a NASA site to compare their results with the pros.

Kite Building – Here, they learn the principles of lift and drag.

Principles of Takeoff and Landing – Speed, thrust and vertical rate of climb are the subjects.

Weight and Balance of Aircraft – Tiala uses everyday items like rulers and paper clips to teach the principles of fulcrum point, distribution and balance.

Building a Plane – Students build their own planes during the semester, applying the principles as they learn them. Molded fiberglass, Styrofoam and cardboard are commonly used.

To pass, each student must have conducted at least three test flights on his/her plane. To the instructor, a successful flight is not as important as knowing

why the plane failed and how to fix it. Tiala explains, “I insist they use proper terminology and explain why the plane worked well or not. What went wrong? Did it fly as you predicted? Learning is the ultimate goal.” Of course, Sylvia Tiala is thrilled when all the planes fly successfully!

Sylvia has created a working cooperative with Indian Hills Community College (IHCC). Any student, who passes her class, can take one credit with them to the IHCC aviation program. From there, a student can transfer to Southern Illinois University and finish a degree in aviation management.

Sylvia Tiala faces the same challenges as other teachers: unmotivated students, pupils who don’t pay attention, and never enough budget for supplies. She also has her share of successes. Many of her students enter (and win) the Aviation Art/Essay Contest sponsored by the Boone Municipal Airport. Former student Josh Moore is now a commercial pilot, while alums Marty Palmer and Theresa Fehr have gone on to be aviation mechanics.

After 11 years and all of this, you would think that Sylvia Tiala would rest on her laurels. Wanna bet? She told us, “I hear a guy is going to start certifying pilots over the Iowa Communications Network (ICN). It will take a year to complete the training. We have an ICN studio. I wonder if...”

Quotable Quotes

“When once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return.”

- *Leonardo da Vinci*



Runway extension lands award for DSM International



Mayor Daniels, Bill Flannery and John Cunningham

On April 1, at the monthly Aviation Board meeting, John Cunningham, director of Local Partnerships for the Iowa Concrete Paving Association, presented Aviation Director Bill Flannery with a plaque in recognition of the paving of runway 5/23 extension. The project extended the runway further southwest to 9,003 feet and moved the northeast protection zone about 700 feet to reduce noise levels near the commercial/residential side of Fleur Drive. The project was built by Flynn Company, Inc. of Dubuque, with engineering services provided by the City of Des Moines. It was voted as “Best Built in Iowa” during

2003 in the commercial airport category. Des Moines Mayor Preston Daniels recognized Flannery and the airport honor at the April 7 Des Moines City Council meeting.

The runway was operational as of Dec. 17, 2002, but work continues on taxiways P and R, with expectations to finish in June of this year. A total of 273,120 square yards of concrete will be used to complete the job. The paving awards are judged on ride, construction site safety, overall quality, and other indicators of craftsmanship. Fifty-four paving projects were nominated this year from all over the state.

THIS JUST IN!

The Experimental Aircraft Association (EAA) has just announced that Shane Vande Voort has been selected as the pilot to fly the Iowa flag to Kitty Hawk during the “50 Flags to Kitty Hawk” celebration. A pilot from each of the 50 states will fly their state’s flag to Kitty Hawk to commemorate the Centennial of Flight. The flags will become part of a permanent display. This is a joint venture between EAA and the National Park Service.

Shane, a 10-year pilot, is the manager of the Pella airport. His father, Larry, will be his co-pilot. Shane and Larry estimate the 869-nautical mile journey will take about ten hours in their Cessna 120. They plan to make the trip sometime in June.

This is just one of the many activities planned for the 100th Anniversary of Powered Flight. Check iawings.com to stay abreast of everything. Good luck to Shane and Larry as they make Iowa proud.

Timeless voices of aviation

The exhaustive effort to collect oral histories from the first century of powered flight is now easier to access than ever, as the “Timeless Voices of Aviation” project, created by the Experimental Aircraft Association (EAA), now has a home Web site that offers full details of the program.

The site, at timelessvoices.org, is an extensive overview of the program that was first unveiled during EAA AirVenture 2002 in Oshkosh. Timeless Voices is a major video history project of the EAA AirVenture Museum, to ensure that the first-person oral histories of thousands who experienced aviation’s development are preserved for future generations of family members, teachers, students, historians and others. The program is also an official partner of the Library of Congress Veterans History Project, which is recording the experiences of veterans, especially from the World War II era.

Along with collecting the aviation stories recorded from individuals throughout North America and around the world, EAA is recording Timeless Voices stories at numerous venues during 2003, including EAA AirVenture Oshkosh and the Sun ‘n Fun EAA Fly-In; the approximately 40 stops of the 2003 B-17 “Road to Kitty Hawk” Tour; and six scheduled stops of the “Countdown to Kitty Hawk” Pavilion. In addition, a forum will be held April 3 at Sun ‘n Fun for those interested in taping Timeless Voices stories in their own communities.

“This effort is especially valuable during this year, when we are celebrating the centennial of powered flight,” Smith said. “By collecting these fascinating oral histories now, we are insuring that future generations will have access to the facts and personal recollections of aviation’s early years.”

Invitation for FLY IOWA host airport/community proposals

The Iowa Aviation Promotion Group is inviting proposals from communities to host *FLY IOWA 2005*. If your airport and community is interested in serving as host, please call Chuck McDonald, secretary/treasurer of the Iowa Aviation Promotion Group at 515-964-1398 to request application materials not later than July 15, 2003.

What is FLY IOWA?

FLY IOWA is an annual statewide fly-in and aviation fair designed to promote aviation and its many benefits across the state of Iowa, and use aviation as a motivating force to encourage science, math and technology education among Iowa's youth.

FLY IOWA history

FLY IOWA has been an annual event since 1991. Recently, Fort Dodge, Waterloo, Iowa City, and Le Mars have hosted *FLY IOWA*. In 2003, *FLY IOWA* will be in Cedar Rapids at the Eastern Iowa Airport July 5-6, and in 2004, *FLY IOWA* will be at Washington, Iowa. In recent years *FLY IOWA* has attracted crowds of 6,000 to more than 20,000, more than 200 fly-in aircraft, and more than two dozen aviation exhibitors.

Requirements to Host FLY IOWA

The Iowa Aviation Promotion Group (IAPG) has identified the following criteria as essential to the success of a statewide fly-in and aviation fair based on its experience with past events and the goals for *FLY IOWA*.

The host community and airport should have:

1. A local civic organization, committee, or other group of persons experienced in organizing large events requiring fundraising and extensive coordination of resources and volunteers.
2. A hard-surfaced runway of 4,000 or more feet in length.
3. Parking for 200 fly-in aircraft.
4. An area large enough to accommodate many static displays and an exhibit area having at least 7,000 covered square feet.
5. Adequate liability insurance coverage.
6. Parking for up 2,000 automobiles, preferably on or near the airport.
7. Facilities to serve a crowd of 5,000 food and beverages and more than 1,200 for fly-in breakfast.

In addition, IAPG specifies that **NO ADMISSION OR PARKING FEES** be charged attendees of the event.

What will the Iowa Aviation Promotion Group provide?

The IAPG will provide the following assistance to the host community:

1. A workshop conducted by IAPG for the host community and airport covering the essentials of organizing an aviation public event.
2. A manual and checklists for written operational guidelines for an aviation event.
3. Publicity for the event through the Iowa Department of Transportation publications.
4. IAPG will commit up to \$10,000 to the host community to reimburse the community for event expenses. It is expected that the host community will raise money to match or exceed the IAPG commitment.
5. Assist the host community in arranging major aircraft displays and aerobatic performances, if requested.

What is expected of the host community and airport?

1. Coordinate all local logistics of the event including layout of vehicle and aircraft parking, signage, concessions, exhibits, electrical connections, etc.
2. Arrange for Federal Aviation Administration permissions, waivers, temporary control tower, and other requirements for an aerobatic show.
3. Fund raising to secure funds that at least match the IAPG commitment and for a budget adequate to conduct a first-class event.
4. Arrange for aerobatic performances, static displays and aircraft demonstrations. IAPG will assist, if needed.
5. Publicize the event locally and regionally.
6. Provide adequate security, first-aid, restrooms and fire protection for the event.
7. Provide or arrange for youth education activities related to aviation and space.
8. Arrange for exhibitors from the fields of aviation and space (including trade associations, manufacturers, flight schools, etc.)
9. Provide a contact person to work with IAPG in the organization of the event.
10. Provide IAPG a summary final report of the event.



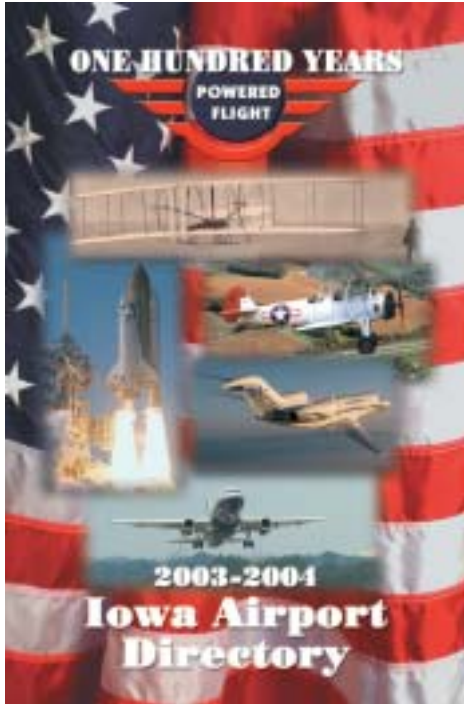
FLY IOWA 2002 at Le Mars.



2003-2004 Airport Directory

The new Airport Directory is available. Supplies have been sent to all public airports. This year's directory includes useful community information such as eateries, lodging and entertainment.

You can get your directory at your local public airport or by contacting the Office of Aviation. Go to the Publication Order page on our Web site at iawings.com or call 515-239-1875.



Flying check ride

Flying magazine is making an interesting offer to pilots. Staff columnist and pilot Richard Collins will conduct a remote check ride for you.

You won't actually go flying together. Each month a pilot will be selected to receive Richard's *Flying* check ride that will analyze the risks of the type of flying you do, airports you frequent, recent experience, etc. He will explain how to enhance your flying safety and how to get more from your plane. He'll make equipment recommendations and caution you on risks to guard against.

If you are interested in a *Flying* check ride, send a description of your flying experience, type of plane, and describe the airport where you base and airports you visit often. Send your information to flyedit@hfmus.com or through the magazine's Web site at flyingmag.com.

(The above article is a brief summary of a story that appeared in Flying magazine.)

Federal legislation update

Kay Thede

Congress has had a busy session dealing with the war, homeland security, and economy. Early indications are they will try to pass a bill to reauthorize AIR-21 this year. Changes proposed on several key issues for Iowa airports are summarized in a separate article.

FFY 2003 Appropriations

The FFY 2003 Omnibus Appropriations Bill was signed by the President Feb. 20. The federal AIP program was funded at \$3.4 billion. A total of \$14 million in entitlement funding will be available for commercial service airports in Iowa and \$9.1 million in entitlement and state apportionment funding is available to Iowa general aviation airports. Several Iowa airports were 'place named' for consideration as high priority projects. Entitlement funds and state apportionment funds are used first when funding these projects:

- Council Bluffs Airport, land acquisition, runway - \$1 million;
- Eastern Iowa Airport, rehabilitation of taxiways and general aviation apron - \$1 million;
- Fairfield Municipal Airport, runway and taxiway - \$500,000;
- Mason City Municipal, reconstruct primary runway (17/35) - \$2 million; and
- Ottumwa Industrial Airport, partial parallel taxiway to runway end 31 - \$1 million.

The Keokuk Airport received \$250,000 from facilities and equipment funds for a remote communications outlet.

The Essential Air Service (EAS) Program was funded at \$113 million, the level of FFY 2002 funding. The Small Community Development Program (funding to come from AIP) received at least \$20 million. However, this program was a pilot program in AIR-21, limiting participation to 40 communities. The language in AIR-21 does not allow for 40 communities each year, only the original 40 are eligible for funding without additional legislation.

FFY 2003 Supplemental Appropriations was signed into law April 16. The passenger and air carrier security fees are suspended from June through September. Airlines will receive \$2.395 billion in grants for strengthening cockpit doors and reimbursed based on the proportion of security fees previously remitted to the Transportation Security Administration. Unemployment benefits for airline industry workers were extended for 26 weeks. Homeland Security received an additional \$3.9 billion. The bill also allows 40 new communities to become eligible for the Small Community Development Program.

FFY 2004 Appropriations

Federal Fiscal Year 2004 aviation funding will be dependent on reauthorization of AIR-21, unless a continuing authorization bill is passed to continue funding as authorized in AIR-21. Early indications see AIP holding at \$3.4 billion, a significant reduction to the Essential Air Service Program is proposed.

AIR-21 Reauthorization

Several bills reauthorizing FAA and federal aviation programs are working their way through Congress. Passage of a reauthorization bill is anticipated this session. Current authorization expires Sept. 30. A comparison summary of the various bills can be found on the aviation Web site iawings.com. All of the bills introduced retain the principles of guaranteed funding from the Aviation Trust Fund and maintain at least \$3.4 billion for the AIP program.

Rite Kite Flyer on schedule

Roy Criss

A few weeks ago we dropped in on the ISU aerospace and Ames High School students who are building the half-scale model of the Wright brothers' first plane. As you can see in these pictures, they are fully engaged in the project. The students had an aggressive timetable, as they wanted to have the flyer done for Veishea April 12.

Brian Crawford, one of the team leaders, tells us that all has not gone smoothly. As with any kit, some pieces were missing and some instructions were incomplete. Although the supplier has been very cooperative, the students are also getting a real lesson in effective communications, problem-solving and contingency planning.

ISU team members include: Brian Crawford, Ryan Burnley, Tim Johnson, Chris Ambrosion, Craig Herreman, Diane Boege, Katie Blummer, Zach Chisman, Adeel Ahmad, Reza Pangestu, Joshua Stilley, Jay Sharp, Jake Strait and Jacob Williams. Team members from Ames High School are: Kang Kang, Qiang Liu, Dave Gan, Tim Erbes, Tim Morgan and Valerie Roark. The advisors are Dr. Richard Smith, from ISU and Virginia Swenson, from Ames High.

We plan to have the Rite Kite Flyer at FLY IOWA 2003 in Cedar Rapids July 5-6 and at the State Fair in August. The flyer will also make an appearance at the Grout Museum in Waterloo June 27 during their Wonder Week and will be on display at the annual Aviation Conference in October.

The Office of Aviation is happy to be able to sponsor this cooperative venture with the ISU aerospace department, and we appreciate their efforts in making themselves available for these planned events.

Top photo: Dr. Smith, Chris Ambrosion, Craig Herreman; Middle photo: Kang Kang, Brian Crawford, Qiang Liu; Bottom photo: Craig Herreman, Katie Blummer, Diane Boege



Take 'em Flying!



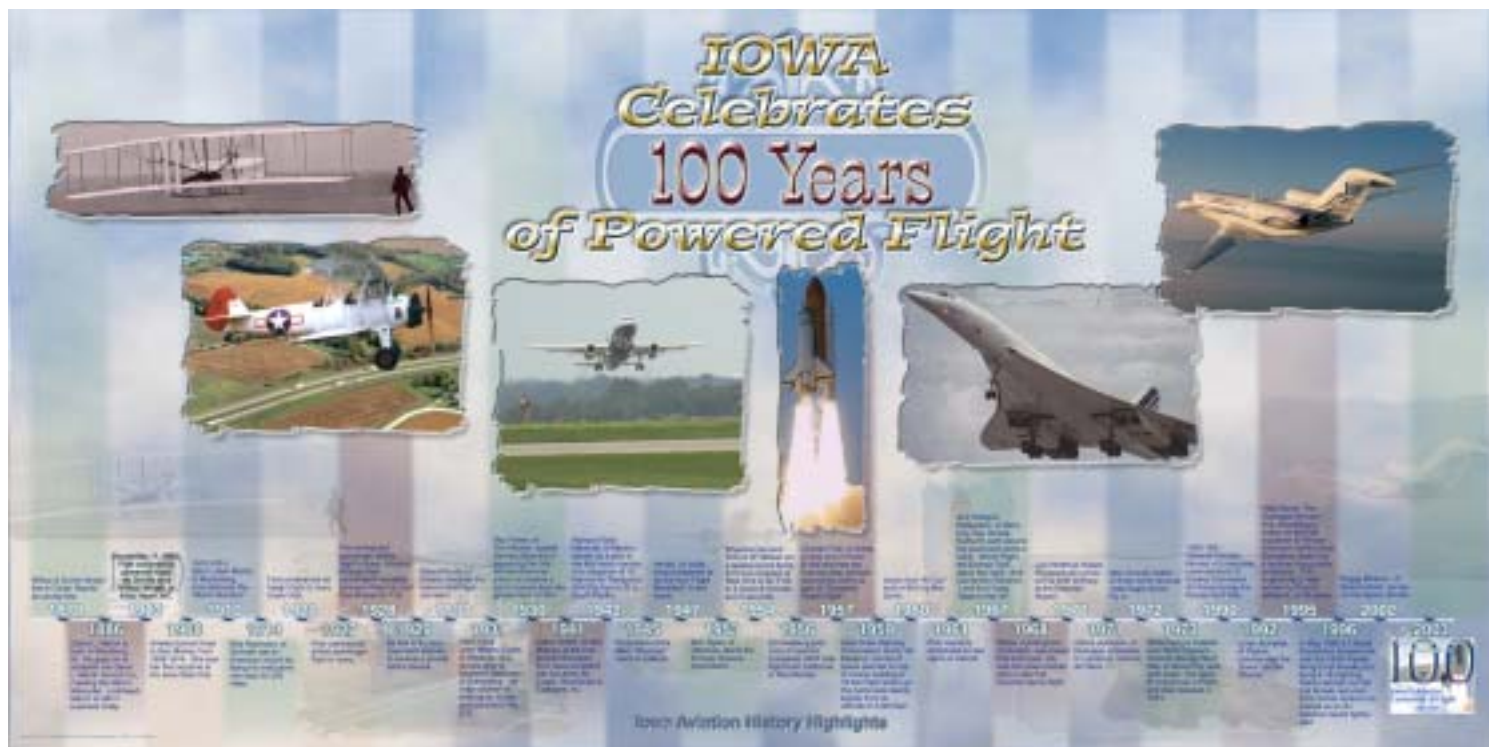
What better way to celebrate the 100th anniversary of powered flight than by taking someone flying? The Aircraft Owners and Pilots Association (AOPA) has a program called *Take 'em Flying!* The idea is to make a difference in someone's life by sharing flight with them. Obviously, people will feel more of a connection to aviation if they have flown. A greater connection will lead to a more aviation-friendly position.

AOPA has a brochure that outlines who you should invite to fly, and how to prepare for the flight and how to join the *Take 'em Flying!* Program. It shows the importance of giving flights to teachers, members of the media, and political and business leaders. It also gives you six easy steps for an effective orientation flight.

You can get more information on the program and the brochures by visiting aopa.org. Hey! *Take 'em Flying!*

100 years and goin' strong!

Here is a depiction of the Iowa timeline poster created for the Centennial of Flight. More than 50 posters, of various sizes, have been distributed around the state.





Aviation Calendar

Contact the activity host for more information

Iowa events highlighted in blue

June 10

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Millard Airport
Omaha, Neb.
Info: dennis.lawson@faa.gov

June 10-11

Aerospace Education Council
Teacher Workshop
AEA 12
Sioux City, Iowa
Info: 515-964-1398

June 11-13

AAAE Basic Arts in the Airport Workshop
Sheraton Rittenhouse Square Hotel
Philadelphia, Pa.
Info: 703-824-0500, ext. 176

June 14

“Celebration of Flight” Air show
1:30 p.m.
Ottumwa, Iowa
Info: Steve Black at 641-682-8044

June 15

Annual Flagfest
Air Show and Flight Breakfast
Breakfast (7 a.m.-noon)
Air Show (10:30 a.m.-11:30 a.m.)
Young Eagle Rides (7 a.m.-Noon)
North West Regional Airport (SPW)
Spencer, Iowa
Info: 712-262-1000

June 15

Optimists’ Fly-In Breakfast
7 a.m.-1 p.m.
Maquoketa Municipal Airport
Maquoketa, Iowa
Info: 563-652-6517

June 15-18

Youth Aerospace Education Camp
Iowa 4-H Camp
Madrid, Iowa
Info: 515-964-1398

June 16

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting & Visit
Lee’s Summit Municipal Airport
Lee’s Summit, Mo.
Info: grant.ctr.nichols@faa.gov

June 21-25

EAA Primary Aviation Fun Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: www.eaa.org/education/
youth_programs.html

June 22-24

AAAE/USCTA/FAA Contract Tower
Program Workshop
Loews L’Enfant Plaza
Washington, D.C.
Info: 703-824-0500, ext. 130

June 24

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
North Platte Regional Airport
North Platte, Neb.
Info: grant.ctr.nichols@faa.gov

June 24

Safety Seminar
Des Moines FSDO
7 p.m.
Red Oak Municipal Airport
Red Oak, Iowa
Info: 515-289-4844

June 25

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting & Visit
Searle Field
Ogallala, Neb.
Info: grant.ctr.nichols@faa.gov

June 27

IAPGI Board Meeting
Exec 1
Ankeny Airport
Ankeny, Iowa
Info: 515-964-1398

June 27-July 1

EAA Primary Aviation Fun Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: www.eaa.org/education/
youth_programs.html

June 29

18th Annual Fly-In
6 a.m. – noon
Marion Airport
Marion, Iowa
Info: Jan at 319-377-0457
flyiowa@inav.net

June 29

Flight Breakfast w/ Classic Car Show
7 a.m. – noon
Eagle Grove Municipal Airport
Eagle Grove, Iowa
Info: Eldred “Tiny” Schutt at
515-532-3459 or 515-448-4042

June 29

Fly-In/Drive-In Breakfast
7:30 a.m. – 11:30 a.m.
Pilots in command free
Pender, Neb.
Info: Paul 402-385-2687

July 1-2

Aerospace Education Council
Teacher Workshop
AEA 10
Cedar Rapids, Iowa
Info: 515-964-1398

July 3-6

EAA Family Fun Flight Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: www.eaa.org/education/
youth_programs.html

Calendar, go to next page



Calendar, from previous page

July 5 – 6

[FLY IOWA 2003](#)
[Eastern Iowa Airport](#)
[Cedar Rapids, Iowa](#)
Info: www.FlyIowa2003.com

July 8

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Western Nebraska Regional Airport
Scottsbluff, Neb.
Info: dennis.lawson@faa.gov

July 8

AAAE Airport Security Coordinator
Training School
Providence Biltmore
Providence, R.I.
Info: 703-824-0500, ext. 151

July 8-13

EAA Intermediate Aviation
Experience Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 1-888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: [www.eaa.org/education/
youth_programs.html](http://www.eaa.org/education/youth_programs.html)

July 9

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting & Visit
Alliance Municipal Airport
Alliance, Neb.
Info: dennis.lawson@faa.gov

July 13

[Kiwanis flight breakfast](#)
7 a.m.-12:30 p.m.
[Pilots in command free](#)
[Featuring Taildraggers](#)
[Emmetsburg Airport](#)
[Emmetsburg, Iowa](#)
Info: 712-852-3810

July 15-20

EAA Intermediate Aviation
Experience Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: [www.eaa.org/education/
youth_programs.html](http://www.eaa.org/education/youth_programs.html)

July 20

[Annual Fly-In / Drive-In
Pancake Breakfast](#)
7 a.m. – noon
Sponsored by: [Forest City
Police Officer's Association](#)
[Forest City Municipal Airport](#)
[Forest City, Iowa](#)
Info: 641-581-2880

July 20

[Fly-In Breakfast](#)
7 a.m.- noon
Sponsor: [Clutier Lions Club](#)
[Traer Airport](#)
[Traer, Iowa](#)
Info: 319-479-2584

July 20-22

AAAE Large Hub Winter
Operations Conference
Marriott Denver Southeast
Denver, Colo.
Info: 703-824-0500, ext. 149

July 22-31

EAA Advanced Aviation
Leadership Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: [www.eaa.org/education/
youth_programs.html](http://www.eaa.org/education/youth_programs.html)

July 24-26

[ILPA-IBDA](#)
[L-Birds Fly-In](#)
[Keokuk Airport](#)
[Keokuk, Iowa](#)
Info: [Irv Lindner at 319-524-6378](mailto:Irv.Lindner@faa.gov) or
319-524-6203

July 29-Aug. 4

EAA AirVenture
Oshkosh, Wis.
Info: 800-564-6322

Aug. 2-11

EAA Advanced Aviation
Leadership Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: [www.eaa.org/education/
youth_programs.html](http://www.eaa.org/education/youth_programs.html)

Aug. 5

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Renner Field Goodland
Municipal Airport
Goodland, Kan.
Info: grant.ctr.nichols@faa.gov

Aug. 6-14

EAA First Flights Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: [www.eaa.org/education/
youth_programs.html](http://www.eaa.org/education/youth_programs.html)

Aug. 7

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting & Visit
M^cCook Municipal Airport
M^cCook, Neb.
Info: grant.ctr.nichols@faa.gov

Aug. 10

[Flight Breakfast](#)
7 a.m. – noon
[Pilots in command free](#)
Sponsor: [Humboldt Rotary](#)
[Humboldt Municipal Airport](#)
[Humboldt, Iowa](#)
Info: 515-332-4012

Aug. 10

[Fly-In Breakfast](#)
7 a.m. – 12:30 p.m.
[Pilots in command free](#)
Sponsor: [Monticello Flyers](#)
[Monticello Airport](#)
[Monticello, Iowa](#)
Info: 319-465-5488



Aug. 17

Fly-In, Drive-In Pancake Breakfast
7 a.m.- noon
Breakfast free to pilots
Sponsor/contact: EAA Chapter #368
Monona Airport
Monona, Iowa

Aug. 17-25

EAA First Flights Camp
EAA Aviation Center
Oshkosh, Wis.
Info: 888-EAA-EAA9
e-mail: airacademy@eaa.org
Web site: www.eaa.org/education/
youth_programs.html

Aug. 19

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Fort Dodge Regional Airport
Fort Dodge, Iowa
Info: dennis.lawson@faa.gov

Aug. 21

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting & Visit
Mason City Municipal Airport
Mason City, Iowa
Info: dennis.lawson@faa.gov

Aug. 22

IAPGI Board Meeting
Exec 1
Ankeny Airport
Ankeny, Iowa
Info: 515-964-1398

Aug. 24

Fly-In Breakfast
7 a.m.-noon
Pilots in command free
Displays and parachuting
Iowa City Airport
Iowa City, Iowa
Info: 319-338-9222

Aug. 24

Fly-In Breakfast
7:30 a.m.-11 a.m.
Pilots in command free
Plane rides, museum tours
Greenfield Municipal Airport
Greenfield, Iowa
Info: 641-343-7184

Aug. 26

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Ottumwa Industrial Airport
Ottumwa, Iowa
Info: al.ctr.gorthy@faa.gov

Aug. 27

Central Region Runway Safety Program
2003 Non-Towered Airport
Runway Safety Meeting and Visit
Burlington Regional Airport
Burlington, Iowa
Info: al.ctr.gorthy@faa.gov

Sept. 7

Fly-in Potluck
11 a.m. start
Rain date: Sept. 14
Guttenberg Airport
Guttenberg, Iowa
Info: Gary at 319-465-5114 or
563-252-3582

Sept. 7

EAA Annual Fly-in Breakfast
Dubuque Regional Airport
Dubuque, Iowa
Info: 563-589-4234

Sept. 20

Fly-In Breakfast and Air Show
Breakfast: 6:30 a.m.-10 a.m.
Pilots in command free
Southeast Iowa Regional Airport
Burlington, Iowa
Info: 319-754-4601

Oct. 16-17

Annual Aviation Conference
West Des Moines Marriott
West Des Moines, Iowa
Info: iowaairports.com

Oct. 16

IAPGI Board Meeting
Annual Aviation Conference
West Des Moines Marriott
West Des Moines, Iowa
Info: 515-964-1398

Dec. 12

IAPGI Board Meeting
Exec 1
Ankeny Airport
Ankeny, Iowa
Info: 515-964-1398

Nonprimary Entitlements at NPIAS Airports

Iowa has 69 general aviation airports that are considered part of the National Plan of Integrated Airport System (NPIAS.) The NPIAS is a planning document published every two years by the FAA showing improvements needed. A provision in the aviation funding act AIR-21 began using the NPIAS as a source to calculate nonprimary entitlement funds.

Iowa's general aviation NPIAS airports began receiving these entitlement funds in federal fiscal year 2001. The funds were calculated by using 20 percent of the five-year total improvement costs in the most recently published NPIAS, up to a maximum of \$150,000. Airports were allowed to carry over the funds for two additional years. Fiscal year 2003 is the last year that the NPIAS airports were allowed to use the first-year funding. Most of Iowa's airports were able to use the funds; however, a few have declined the funding due to lack of local funds. Any unused funds are reverted to discretionary funding for use at eligible airports nationwide.

Using calculations from the most recently published NPIAS (August 2002), 32 percent of Iowa's NPIAS airports received the maximum allowed entitlement for FFY 2003. Nationally, 70 percent of NPIAS airports received the maximum entitlement. It became apparent that an effort to update the information in the NPIAS for Iowa's airports was needed.

In cooperation with the FAA Central Region office in Kansas City, Iowa's NPIAS airports were contacted in April and May in a concerted effort to update the listing of projects included in the NPIAS. Projects included in the NPIAS will now be eligible projects that are needed, unconstrained by the ability to fund. The projects listed in the NPIAS may not all be listed in the five-year capital improvement program, which looks at costs and the ability to fund. After the NPIAS updates, Iowa general aviation NPIAS airports could receive an additional \$5 million.



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Office of Aviation
800 Lincoln Way
Ames, IA 50010

Address Service Requested



Office of Aviation
800 Lincoln Way
Ames, IA 50010
515-239-1875
Fax: 515-233-7983

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Iowa Aviation Bulletin

Office of Aviation

Mission: To advocate and deliver aviation support services that promote a safe, comprehensive and competitive air transportation system; and, enhance economic development and improve quality of life for Iowans.

Our Staff:

Michelle McEnany, Director
Office of Aviation
515-239-1659
michelle.mcenany@dot.state.ia.us

Roy Criss, Aviation Marketing Manager
515-239-1689
roy.criss@dot.state.ia.us

Kay Thede, Program Manager
515-239-1048
kay.thede@dot.state.ia.us

Mike Marr, Airport Inspector
515-239-1468
michael.marr@dot.state.ia.us

Michele Rouse, Assistant Program Manager
515-239-1691
michele.rouse@dot.state.ia.us

Melissa Davis-Oviatt, Administrative Support
515-239-1875
melissa.davis@dot.state.ia.us

Please direct comments, stories or story ideas, requests for additional copies, and mailing list inquiries to:

Michele Rouse, Assistant Program Manager
800 Lincoln Way
Ames, IA 50010
515-239-1691
michele.rouse@dot.state.ia.us

Quotable Quotes

As a piece of applied science the aeroplane has a place alongside the wheel, gunpowder, the printing press and the steam engine as one of the great levers of change in world history. The effect of aircraft on the way we live has been profound: they have shrunk the world, mingling previously isolated cultures, they have added a menacing dimension to warfare, spawned new technologies, created new economic zones and given us a toehold in space.

— Iven Rendall, first paragraph of the introduction, 'Reaching for the Skies,' 1988.