

Spring 2001



Iowa Aviation Bulletin

What was the "Smiling Thru?"

Game show host: Today we're going to play a special, big money (in your wildest dreams), game of *Iowa Sweepstakes* based on Iowa firsts. Here we go. The nation's

first train robbery took place near this Iowa town.

Contestant: What is Adair?

Game show host: That is right. Next question. The inventor of the paper clip was

from this Iowa city.

Contestant: What is Dubuque?

Game show host: Right again. Next question. The world's first automatic, electronic

digital computer was built here. **Contestant:** What is Ames?

Game show host: Correct. Now, here's your final *Iowa Sweepstakes* question. America's first corporate airplane was built for a company in this Iowa city.

Contestant: What is Newton?

Again, a correct answer. Did you get it right?



hances are not many folks know that in 1929 Walter Beech of Wichita, Kan., built what is believed to be the very first corporate aircraft at the request of H. L. Ogg. Ogg was president of the Automatic Washer Company (not to be confused with the Maytag Company which went into business several years earlier), located in Newton.

This amazing plane, which seated five people, was equipped with a type-writer, dictaphone, lavatory, desk, and a telephone. Ogg called the plane his "private air office" although its official company name was "Smiling Thru," a take-off of the company's slogan of "Start the week with a Smile." In addition, the craft was equipped with electrical outlets where washing machines could be plugged in for demonstration purposes.

If a customer required quick delivery of washing machines, the plane's seats could be removed and four machines loaded aboard and sent skyward toward their destination. If a demonstration was part of the deal, the washing machines would be unloaded, plugged in, and the washing began.

Unfortunately, the "Smiling Thru" long ago flew the coop. Fortunately, however, the coop (alias hangar) still stands. The Experimental Aircraft Association's (EAA) Newton chapter is in the process of restoring and moving the hangar to the Newton airport where it can be enjoyed by all flying enthusiasts. According to the Newton EAA, this marvelous piece of American history will be used for special aviation events and will house a small museum. They anticipate having the project completed by spring.

Jim Jones, president of the Newton EAA, says the group is also actively trying to find the "Smiling Thru." Although a search of aircraft tail numbers has turned up nothing thus far, they are not about to give up and fly off into the sunset. It has been rumored that the plane

may have been sold to someone in Mexico or South America, which means the search goes on for an amazing machine that in its day could only be described as a **very** luxurious airplane. One deserving of being proudly displayed at its original hangar as part of Iowa's aviation history.

So, how about another quick game of *Iowa Sweepstakes*? Here goes:

- Born in Macksburg, he built one of World War II's most famous bombers.
- 2. This famous aviatrix lived in Des Moines from 1908 until 1914.

(Answers are on page 6.)

If you answered both of these questions correctly, you are a true friend of aviation, a student of Iowa aviation history, and should treat yourself to a trip to Newton to see the hangar of "Smiling Thru" and learn more about this first of its kind flying bird.

2001 Aviation Art Contest state winners

The theme for this year's art contest was "My Dream to Fly." The objective of the contest is to help children become more familiar with, and participate in, aeronautics, engineering and science. As you will see, it is also a great outlet for artistic ability.

The sponsors of the International Aviation Art Contest are: the National Aeronautic Association, the National Association of State Aviation Officials, the Federal Aviation Administration, and the Federal Aeronautique Internationale.









1st Place Bryan Church Cedar Rapids

2nd Place Eric Boyken West Des Moines

3rd Place Kristen Campbell Camanche



1st Place Aaron Church Cedar Rapids

> 2nd Place Scott Sisco Keokuk

3rd Place Paul Faulk Shenandoah

Age 6-9 (right, top to bottom)

1st Place Jonathan Church Cedar Rapids

2nd Place Jeralyn Westercamp Cedar Rapids

> 3rd Place Kaitlin Church Cedar Rapids











Commercial Service Airport Update

Eastern Iowa Airport

The airport has a new marketing director, Pam Hinman. Pam, who started her duties at the airport Feb. 5, is a graduate of Iowa State University. Previously, Pam was the city hall reporter for the Cedar Rapids Gazette. Prior to that she worked for the Sheboygan Press in Sheboygan, Wis.

Phase One of the Wright Brothers Boulevard relocation is complete. When finalized, the relocation will allow the airport to expand passenger parking, extend runway 13/31 and increase aircraft apron parking.

For the first time in the airport's history, it served one million passengers in one year. The event occurred on Dec. 29, 2000, and the one-millionth passenger was Mervin Ungerer of Hawkeye. The airport had a little fun with the community by making a contest of guessing when passenger number 1,000,000 would come through. The contest, and its \$5,000 prize, was won by Robbin Carlson of Marion.

Spencer

The Northwest Iowa Regional Airport at Spencer is requesting proposals to provide services as a fixed-base operator, and possibly manager, beginning on or about July 1, 2001. Spencer is one of 10 commercial airports in Iowa. It has 37,000 square feet of heated hanger space. Interested persons should contact Dean Torreson, City Manager, 418 2nd Avenue West, Spencer, IA, 51301. Phone: 712-264-7200, or visit Spencer's Web site at www.spenceria.org.

Dubuque

The Dubuque Regional Airport posted another record passenger count for the year 2000, up 4.18 percent overall from 1999. The Dubuque Air Service Task Force continues to work with the three airline partners to retain competitive airfares, increase airline load factors and reduce passenger leakage.

A 1,425-foot extension to runway 18/36 was completed in 1999. During the spring and summer of 2001, the existing portion of runway 18/36 will be rehabilitated and an instrument landing system

will be installed, thereby making the runway the new primary runway at Dubuque. The total cost for the entire runway 18/36 rehabilitation and extension project is nearly \$14.5 million.

Mason City

The Mason City Municipal Airport is undertaking a project to draft a new land-use zoning ordinance. The new ordinance will not only update the existing height limitation ordinance, but will also add land-use zoning in a wide area surrounding the airport. The ordinance is being prepared by Howard R. Green & Company.

The airport is also working on a runway approach protection project, which will consist of the acquisition of some aviation easements and land on the approaches to all runways. There are a total of 230 acres that could be impacted by this project. ACSG Consultants, Naperville, Ill., has been hired by the airport commission to manage the project. The total cost of easement and land acquisition could be as high as \$3 million.

North Iowa Air Service, Mason City's new fixed-base operator, began service on Jan. 15. The owner is Bill Kyle, who also owns Charles City Aeronautics in Charles City. Bill's son, Todd Kyle, is the operations manager at the Mason City operation.

Sioux Gateway Airport

A terminal concept and budget study is in full swing and should be completed by May 2001. The study incorporates the addition of a passenger loading bridge. The bid opening was March 6, 2001. Airport officials hope to have the bridge installed this fall.

This new bridge is being added as a convenience for passengers. It will accommodate most aircraft, including regional jets, as well as the DC-9 and Saab 340 aircraft currently in use at Sioux Gateway. Passengers would be able to board the aircraft through the bridge without having to go outside.

Chautauqua Airlines, operating as Trans World Express, continues to show increased passenger traffic on the Sioux City - St. Louis route. Chautauqua, which took over for Trans States last April, operates four flights per day on Saab 340 aircraft. For the month of January 2001, enplanements on Chautauqua were up 79 percent from last January.

Ottumwa

The Ottumwa Industrial Airport received FAA approval for two important projects: the construction and installation of an electrical vault; and the demolition of the existing terminal and construction of apron improvements. Airport officials are excited about these improvements and are moving ahead with an aggressive airport project schedule.

The airport has advertised for bids for the new terminal and hopes to let the bid before spring.

Waterloo

The Waterloo Airport is proceeding with a \$4.2 million terminal renovation. This renovation will give the airport a new look inside and out.

Continued dialogue with the three air carriers that serve Waterloo has resulted in lower airfares and better scheduling capabilities for the traveling public in the Cedar Valley. The downward trend in enplanements is ending, and there is a renewed interest and backing of the Waterloo Airport in the Cedar Valley!

Fort Dodge

The Fort Dodge Regional Airport is preparing for upcoming projects. The reconstruction of Taxiways A & C was awarded on Feb. 12 with construction to begin "as soon as the snow melts" (probably June).

The Airport Commission voted to pay the additional costs for extra concrete thickness to accommodate C-III aircraft.

The Fort Dodge Regional Airport will be represented by Rhonda M. Chambers at the 2001 Spring Conference in Washington, D.C. This should prove to be a valuable use of airport time and money.

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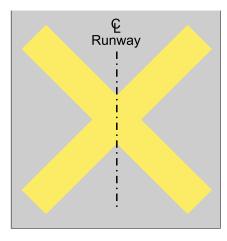


General Aviation Update

CONSTRUCTION SEASON BE ALERT!

nce again, the season for airport construction and runway repainting is upon us. This means the temporary closure of runways or airports will be an inconvenience to some.

As required by the FAA, crosses or Xs, along with the issuance of NOTAMS, will be used to temporarily close runways. The color of these crosses is yellow and should be seen from pattern altitude. Look for them at each runway end or just off the end of the runway. For those of you who will be departing an airport, you may see a smaller version of this yellow cross on the taxiway. DO NOT USE that taxiway; it leads to a closed runway. You may expect to find these closure crosses anytime from April through November.



The runway or entire airport may be closed for an extended period of time during construction projects. When the entire airport is closed, the runway and taxiway lights, along with the rotating beacon, are to remain off.

Save yourself time, and possibly serious problems, by checking NOTAMS before departing any airport this season. Use your radio. Even if the airport is unattended, construction inspectors and paint crews should be monitoring UNICOM or CTAF.

Following is a tentative list of airports that may have one or more runways temporarily closed during this construction season:

Algona* Audubon* Chariton* Carroll Corning Davenport*, Estherville* Greenfield Guthrie Co. Regional* Harlan/Hampton Hawarden* Iowa City* Keokuk* Muscatine New Hampton* Newton* Onawa* Paullina* Perrv* Spirit Lake* Tipton* Vinton Waverly

Those airports listed with asterisks are scheduled, at this time, to have runways and taxiways repainted. The others are scheduled for construction.

Please keep in mind that this list is only tentative and subject to change.

Four general aviation airports to receive AWOS in 2001

ndependence, Mount Pleasant, Pella and Vinton airports will receive their own Automated Weather Observing Station (AWOS) this year, bringing the state just three AWOS systems shy of fulfilling its goal of having an AWOS at every primary system airport throughout the state. The Federal Aviation Administration (FAA) has agreed to fund 90 percent of the cost of each station, while the state has agreed to pick up the remaining 10 percent. Each site could require up to \$80,000 in funding. The state is now proceeding with the steps necessary to select a consultant to head up the tasks needed to install the AWOS systems.

Each of these systems will operate 24 hours a day and update the weather data every minute. These systems will provide the user with up-to-the-minute temperature, dew point, wind speed, peak gusts, altimeter setting, density altitude, visibility and cloud height. A computer-

synthesized voice broadcasts the weather data that can be received either by ground-to-air radio or by telephone.

The weather information also can be accessed through the computer network. The computer network is a statewide network that uses dedicated phone lines to connect all of the AWOS systems to a host computer via personal computers located at each AWOS site. Weather information from all of the other AWOS sites can therefore be accessed from these personal computers.

For the locations and phone numbers of the computer-synthesized voice broadcasts of each AWOS visit our Web site at www.iawings.com. Use this sequence: Related Web sites, Aviation Directories, Pilot Links, and Iowa AWOS Sites.

General aviation hangar revolving loan fund

he 78th General Assembly of the State of Iowa appropriated \$500,000 to be used as a hangar revolving loan fund for general aviation airports. Currently, the Office of Aviation is busy drafting the administrative rules for this new program. Normal implementation of these rules would have them in effect by July 4. To help expedite the loan assignment and distribution process, the Office of Aviation will have the applications available in late April. All application and designations of these funds will be contingent on the acceptance of the administrative rules in July. You should hear more about this in the near future.



Commercial Marking Program

his year the commercial airports are hoping to cash in on savings by letting their pavement markings projects through the Iowa Department of Transportation's (DOT) Office of Contracts. The past practice has been for the Office of Aviation to develop the pavement marking plans for all the general aviation airports and send them through the DOT's contract-letting process, while allowing the commercial airports to handle their own projects.

As a pilot project, the Office of Aviation has agreed to develop the plans for the commercial airports and send them through the DOT's contract-letting process to try to obtain lower unit costs. Commercial contracts obtain approximately \$0.28 per square foot of markings, while the general aviation contracts obtain approximately \$0.23 per square foot of markings.

Hopefully, the commercial airports can cash in on some of the savings.

For more information on this program, please contact Alan Beddow at 515-233-7703.

Commercial Service, from page 3

Des Moines International

"We have experienced a 60 percent growth of air cargo in Des Moines during the past decade and passenger service continues to improve with more flights to more destinations. When we considered the large numbers of general aviation and military operations, it became readily apparent that we needed to again revise our master plan to accommodate our growth," said William Flannery, aviation director.

All of this growth has lead to some more construction at the airport. If weather permits, an extended runway will have aircraft operations on it by the end of the year. Ultimately, a new 5,500-foot runway, with precision approaches, will be built to handle future growth. Plans call for the construction to begin in 2003 or 2004.



Legislative Update

State Legislation

The state budget is extremely tight for FY2002. The FY2001 state aviation program budget was reduced by \$40,000 in the de-appropriation bill, SF267, signed by the Governor on March 13, 2001. A state airport improvement program project previously approved, but withdrawn by the city, will absorb this decrease in funding.

The Governor is in the process of reducing his requested state budget for FY2002 in light of the downturn in revenue projections for next year. The proposed DOT budget included \$2.475 million for aviation programs from the General Fund; however, this may be reduced in light of the budget constraints.

The requests for the Rebuild Iowa Infrastructure Fund (RIIF) include \$1 million for commercial service airports and \$500,000 for general aviation airport grants. In addition, the Governor's original budget included an additional \$1 million for aviation projects under the RIIF fund.

Neither the Iowa Department of Transportation appropriations bill, nor the infrastructure bill had been introduced at the time of this printing. Monitor the Office of Aviation Web site (www.iawings.com) for updates on state legislation.

Federal Legislation

Since the major FAA funding reauthorization bill (AIR-21) was passed last year, aviation issues in Congress this year are currently focusing on air competition, air service issues, capacity and passenger rights. Several passenger rights bills have been introduced. The airline industry agreed to improve its commitment to passenger service by developing its own plan to improve. A recent report completed by the U.S. DOT found that service issues have not been addressed.

Senator Grassley is a co-sponsor of Senate bill S.415, "the Aviation Competition Restoration Act." The bill requires major hub airports dominated by a single carrier to provide facilities for competition in order to receive airport improvement funds. The bill also grants the U.S. DOT more authority in reviewing mergers of major airlines and instructs the U.S. DOT to investigate the availability of gates and facilities at the 35 largest airports. A "Competition Enhancement Program" is also authorized for \$300 million for gates, related facilities, and other assets to enhance and increase competition. To see a complete copy of the bill, go to Web site http://thomas.loc.gov/ and type in S.415 under the bill number.

Fully funding the federal Airport Improvement Program at the authorized level of \$3.3 billion is an important issue to emphasize to our congressional delegation. Many of the funding enhancements in AIR-21 require that at least \$3.2 billion be appropriated to the AIP. Minimum entitlements for commercial service airports were raised to \$1 million from \$650,000, and the general aviation entitlement is in effect if the threshold is met. The President's budget request is expected to fully fund the AIP program, but the appropriation process will be important to monitor.

The Small Community Development Program was authorized in AIR-21, but received no funding. This program is designed to help small communities, and communities with higher than average priced air service, improve competition by maintaining and/or attracting additional commercial air service. Several Iowa communities may qualify for this program, if funded.

Last year was the first year that discretionary federal AIP funds were earmarked in the transportation appropriations bill. This year, airports with major projects are being encouraged to contact the Office of Aviation regarding the possibility of identifying an earmark for their airport.





Aviation Association Update

Iowa Aviation Promotion Group

The Iowa Aviation Promotion Group, the official sponsor of FLY IOWA, took several important steps at its board of director's meeting Feb. 13, 2001, to strengthen its impact on educating the public about the importance of aviation as part of the economy and life in Iowa. First, an affiliation with the Aerospace Education Council of Iowa was approved. The promotion group has always considered education as vital to its mission, and with the planned merger with the education council, FLY IOWA will be able to raise the prominence of aerospace education to an even higher level.

Second, the promotion group looks forward to even greater involvement with the Annual State Aviation Conference held each fall in Ames. IAPGI looks to represent general aviation to ensure that the annual conference is even more attractive to everyone in the aviation community.

Mark Anderson of Iowa City, chair of the FLY IOWA 2001 planning committee, briefed the board about progress in planning the event to be held Aug. 25-26 at the Iowa City Municipal Airport. From all appearances, a wonderful program is planned. In addition, representatives of IAPGI met with the committee planning FLY IOWA 2002 at Le Mars. A date is yet to be set, but it will likely be in July or August of 2002.

The promotion group has solicited host city and airport bids for FLY IOWA 2003. The deadline for proposals is March 31, 2001. The year 2003 is the 100th anniversary of powered flight. This sets the stage to make FLY IOWA 2003 even more spectacular.

Finally, the entire aviation community concerned with FLY IOWA owes a very special thanks to Rhonda Chambers, Fort Dodge Regional Airport Director of Aviation, who prepared a very comprehensive manual for IAPGI on how to organize and conduct a successful FLY IOWA. This manual has been made available to the committees in both Iowa City and Le Mars to assist their planning for FLY IOWA. OUTSTANDINGJOB RHONDA!

Central Iowa Business Aviation Association

The Central Iowa Business Aviation Association is holding a Runway Incursion Prevention Program meeting in Cedar Rapids April 4, 2001. The meeting will be sponsored by FlightSafety International. The primary speakers will be Roger 'N' Clark of the Des Moines FSDO and Don Hughes of the Cedar Rapids ATCT. For more information please call Bob Dickson 515-256-5517.

Iowa Space Grant Consortium

The Iowa Space Grant Consortium helped support two science fairs in Iowa in March: the Iowa State Science and Technology Fair; and the Eastern Iowa Science and Engineering Fair. The Iowa State Science and Technology Fair held its 45th year of competition March 30-31 at Hilton Coliseum in Ames. At the fair, the ISGC offered a \$5,000 tuition scholarship to an outstanding senior who plans to major in a technical science or engineering discipline and attend any one of these academic members--Drake University, Iowa State University, the University of Iowa or the University of Northern Iowa

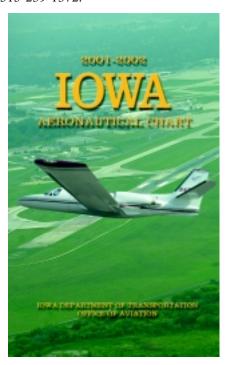
The ISGC also was one of the sponsors of the Eastern Iowa Science and Engineering Fair, held March 17 at Lindale Mall in Cedar Rapids. The fair had two divisions of participation: junior (grades 7-8) and senior (grades 9-12). Each division was divided into two categories: physical sciences and biological sciences.

Answers to lowa Sweepstakes from page one

- 1) Who is Glen L. Martin (built the Martin Marauder)?
- 2) Who is Amelia Earhart?

New Aeronautical Charts and Directories

he new Iowa Aeronautical Chart and Directory have been printed and are available to the public. We are trying a new approach to their distribution this year. A bulk mailing has been sent to each attended airport, or to the city hall, if the airport is unattended. You may pick up the chart and directory, at no cost, at these locations. For those of you who completed and returned the survey cards, the chart and directory will be mailed to you. You may also call the Iowa Department of Transportation at 515-239-1372.



Test your AIRIQ

- 1. Fred Noonan accompanied Amelia Earhart on her ill-fated attempt to fly around the world. What task did he perform on that flight?
- 2. Who was the cowboy and political humorist who died in a 1935 plane crash along with Wiley Post?
- 3. What year was the first passenger airliner introduced?
- 4. What aircraft company built the first plane to break the sound barrier?

Answers: 1) navigator; 2) Will Rogers; 3) 1919; 4) Bell Aircraft.





Aviation Calendar

April 7 Fort Dodge "Plane Crazies" Spring Chili Fly-in Fort Dodge Regional Airport

Serving times are from 11 a.m. to 2 p.m. in the maintenance hangar. Along with the chili, we'll be serving assorted vegetables, crackers, a variety of cookies and bars, coffee and milk. A free-will donation will be taken to help cover expenses. Rain date is Sunday, April 8.

April 28 Early Bird fly-in breakfast Storm Lake Municipal Airport

7 a.m.-11 a.m. Free to fly-ins.

May 1-2 FAA Regional Airports Conference Embassy Suites Hotel Kansas City, Mo.

May 19 Aircraft Wash

Council Bluffs Airport
Singles - \$30, Twins - \$60.
9 a.m. - 4 p.m.
Sponsored by Great Plains Wing of
Confederate Air Force.

May 20 Annual Flight Breakfast Cherokee Municipal Airport

Sponsored by the Cherokee Flying Club. Breakfast served with entertainment.

May 20 Fly-in breakfast & air show Webster City Airport

Car show, booths and entertainment. Sponsored by Iowa Central Aviation Club.

May 20-23
73rd American Association of Airport
Executives Conference & Expo,
New Orleans, La.

June 3 Fly-in breakfast Boone Airport

7:30 a.m.-11:30 a.m. Chris Cakes and airplane rides. Pilots in command eat free. Sponsored by Boone Pilot Assn. 515-432-1018.

June 3 Flight breakfast Washington Airport

7 a.m.-11 a.m. Pilots in command free. Experimental, military, antique and war birds. Displays and plane rides.

June 3 Celebrating 50 years! Flight Breakfast Audubon Airport

Serving 6:30 a.m.-10:30 a.m. Free breakfast to fly-ins. Due to heavy traffic, no ultra-lites.

June 10 Flight breakfast, air show, displays Spencer Municipal Airport 6:30 a.m.-noon.

June 17 Optimists' fly-in breakfast Maquoketa Municipal Airport

7 a.m.-1 p.m. Pancakes and sausage. Fly-in pilots eat free.

June 17 Flight breakfast Harlan Airport

7 a.m.-11 a.m. All fly-ins free.

June 24 Fly-in breakfast Fairmont, Minn.

7 a.m.- noon. Five Lakes Aviation, 2159 Blue Earth Ave.

June 24 Flight breakfast Eagle Grove Airport

7 a.m.- noon. Free to pilots in command. Classic car show to be held at same time.

July 7-10 AECI Teacher Workshop Marshalltown

AECI sponsors a workshop to assist teachers in the presentation of aviation-related educational opportunities.

July 8 Annual Kiwanis Flight Breakfast Emmetsburg Airport

Serving 7 a.m.-12:30 p.m. Free to pilots and co-pilots. Featuring the Taildraggers. (Everyone is welcome!)

July 19-22 Keokuk ILPA-IBDA

L-Birds Fly-in. Formation School, many activities. All Warbirds welcome. Contact Irv Lindner: 319-524-6378 or 6203.

July 21 Fly-in steak supper Oelwein Municipal Airport

Sponsored by EAA Chapter 1269. Serving begins at 4 p.m.

July 22 Flight breakfast Traer Airport

7 a.m.-noon. Sponsored by Traer Lions Club. Pilots-in-command free.

July 24-30 Experimental Aircraft Association AirVenture Oshkosh, Wis.

Aug. 19 Annual flight breakfast Mapleton Airport

Mapleton Flying Club. 6:30 a.m.-11:30 a.m.

Free to fly-ins.

Aug. 19 Fly-in/drive-in pancake breakfast Monona Airport

7 a.m.-noon. Sponsored by EAA Chapter 368. Breakfast free to fly-in pilots.

Aug. 25-26 Tenth Annual Fly Iowa - Iowa City Municipal Airport

Free to the public. Airshow, dance, exhibits and seminars.

Sept. 9 Fly-in breakfast Carroll Municipal Airport

Serving pancakes 7 a.m.-1 p.m. Free to pilots and co-pilots in command.

Sept. 9-13

10th Airports Council International North America Regional Conference & Exhibition/ACI World Congress & Exhibition

Palais des Congress de Montreal, Le Center Sheraton Hotel, Montreal, Quebec.

Aviation Calendar, go to page 8



Iowa Aviation Bulletin

Address Service Requested





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The Iowa Aviation Bulletin is a quarterly publication of the Iowa Department of Transportation. It is distributed free of charge to pilots, aircraft owners and interested individuals or organizations. It is also available on the department's Web site at:

www.iawings.com

The staff wishes to thank those who have provided information and reference materials for this newsletter.

Mark F. Wandro, Director Iowa Department of Transportation

Our Mission:

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

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Aviation Calendar, from page 7

Sept. 22-26 70th NASAO Annual Convention & Trade Show

Crown Plaza Pyramid Hotel Albuquerque, N.M.

Sept. 30 Fly-in/drive-in pancake breakfast Elkader Airport

7:30 a.m.-1:30 p.m. Sponsored by EAA Chapter 368. Breakfast free to fly-in pilots.

Oct. 18-20 **National Business Aviation Association Annual Convention** New Orleans, La.

Nov. 29-Dec. 6 American Association of State Highway and Transportation Officials **Annual Meeting** Fort Worth, Texas.

