

WINGTIPS



Aviation Division Quarterly Newsletter

Jan - Feb 2002

In this time of national crisis. . .

The words of American revolutionary Thomas Paine still ring true to us and to all our military troops in the pursuit of freedom, justice, and independence.

“These are the times that try men’s souls.

The summer soldier and the sunshine patriot will, in this crisis, shrink from the service of their country; but he that stands it now, deserves the love, and thanks of man and woman. Tyranny, like hell, is not easily conquered; yet we have this consolation with us, that the harder the conflict, the more glorious the triumph. What we obtain too cheap, we esteem too lightly; it is dearness only that gives every thing its value. Heaven knows how to put a proper price upon its goods; and it would be strange indeed if so celestial an article as freedom should not be highly rated.”



Bringing You Warm and Happy New Year's Wishes All Year Around



How to Report Suspicious Activity

Call your local law enforcement agency or contact:

**FEDERAL BUREAU OF INVESTIGATION
SUITE 300
1801 NORTH LAMAR
DALLAS, TEXAS 75202-1795
(214) 720-2200 / www.fbi.gov**

Help your airport develop a security plan:

1. Conduct a security audit of the facility.
 - Review and update as needed, or develop a vehicle/pedestrian ordinance.
 - Ensure gates, fencing, and lighting are adequate to control and observe airport access.
 - Increase signage defining access points and no-trespass areas.
 - Conduct regular airport safety meetings with airport tenants, users and local and county law enforcement agencies.
 - Control access to operations areas.
 - Request additional comprehensive airport security inspections by local law enforcement.
 - Greet all arriving strangers – both air and land sides.
 - Develop a process to close the airport and restrict access to runways.
 - Secure the runway for departing aircraft only, any airborne aircraft must be allowed to land.
 - Report all unusual activities to local law enforcement.
2. Develop a communications process to disseminate security planning information to the public and all airport users.
 - Establish a security information bulletin board.
 - Post vehicle/pedestrian ordinance.
 - Develop an emergency contact plan.
 - Establish a transient aircraft log.
 - Display aerial photo of airport access points.
 - Post copy of the security plan.
 - Post copy of the emergency contact plan.
 - Encourage pilots to file flight plans for all flights -VFR and IFR.
 - Involve your local media contacts for security news releases.
 - Use airport web site to post security information.
 - Conduct regular meetings with airport tenants to discuss the airport security plan.

Working together, we will ensure that no enemy of the United States will ever again use a tool of our industry as a weapon against America.

It's been a rough ride for aviation since September 11, 2001. What happened on that terrible day affected not only the airline industry, but dealt a major blow to general aviation as well.

The airline industry is losing billions of dollars as a result of this horrible terrorist attack. Fortunately, with the leadership of President Bush, our government took immediate action to ensure the continued viability of our air transportation industry. Financial aid has been provided to airline companies. Security measures are underway to, hopefully, ensure that what happened on September 11th, can never happen again. Airport screeners will soon become federal employees. New technology is being acquired to detect explosives in checked baggage. Cockpit doors are being made impassible to potential terrorist intrusion. Other steps too numerous to mention are being considered.

The best ally against future attacks is ourselves. The unthinkable has happened. We are now on guard against our enemies. I am confident that flight crews and passengers, in concert, will never permit a repetiton of this kind of terrorist attack against our country, even if a security breach occurs.

With the curtailment of general aviation flying during this period of national emergency, particularly in our more urban areas, many small businesses suffered greatly, some to the point of failure. Fortunately, we are just about back to normal. Congress is presently discussing providing financial assistance to general aviation businesses that have experienced significant loss in revenue as a result of the necessary action taken by the federal government following the terrorist attack.

As President Bush has stated so often and so well, things will never be the same again. Congress has taken the lead in ensuring the safety of our larger airports. We must all now lend a hand to do the same thing for our smaller general aviation airports. No new security regulations have been proposed for general aviation airports, but there are some things we can all do to help protect our industry.

As we operate our airports we need to be on the lookout for:

- Aircraft with unusual or unauthorized modifications.
- Persons or vehicles loitering for extended periods in the vicinity of the airport, especially in the airport operations area.
- Pilots who appear to be under the control of other persons.
- Persons with above average interest in aircraft and their performance capabilities.
- Persons wishing to obtain aircraft without presenting proper credentials.
- Persons who present apparently valid credentials but do not have a corresponding level of aviation knowledge.
- Stolen or missing aircraft.
- Anything that doesn't look right or does not fit the pattern of lawful, normal activity at your airport.



is an official publication of the Texas Department of Transportation Aviation Division. The intent of *WINGTIPS* is to keep the aviation community and others informed of local developments in aviation. Printed circulation: 5,000.

Comments and suggestions are welcome. Submission of articles is subject to space and editorial review; and should be directed to the editor at:

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Austin, Texas 78701-2483
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FAX: 512/416-4510

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Copies of this publication have been deposited with the Texas State Library in compliance with the state Depository Law.

TEXAS SLIPSTREAMS . . .

- **Crane County Airport, Crane** — New Airport Manager: Mark Clifton, P.O. Box 457, Crane, TX 79731, 915/558-1147.
- **Dalhart Municipal Airport** — New Mailing Address: P. O. Box 2005, Dalhart, TX 79022.
- **Del Rio International Airport** — New FAX Number: 830/774-5331.
- **Falfurrias-Brooks County Airport** — New Airport Manager: Bond Cosby, P. O. Box 556, Falfurrias, TX 78355; 361/325-3434.
- **Fayette Regional Air Center, La Grange** — New Airport Manager: Sharlette Bain, 850 Airport Road, La Grange, TX 78945; 979/242-4056.
- **Fredericksburg-Gillespie County Airport** — New Phone Number: 830/990-5764.
- **Gladewater Municipal Airport** — New Airport Manager: Sharon Johnson, [City Manager], P.O. Box 551, Gladewater, TX 75647; 903/845-4911, FAX 903/845-6891.
- **Hondo Municipal Airport** — New Airport & City Manager: John Vidaurri.
- **Jasper County-Bell Field Airport, Jasper** — New Airport Manager: Steve Seale, Route 4, Box 363, Jasper, TX 75951; 409/381-8151, FAX 409/383-0911.
- **Littlefield Municipal Airport** — Acting Airport Manager: Chuck Smith.
- **Memphis Municipal Airport** — Airport Contacts: Kirby Gardenhire, Director of Public Works or Nelwyn Ward, City Secretary, 721 Robertson Street, Memphis, TX 79245, 806/259-3001.
- **Mount Pleasant Municipal Airport** — New Airport Manager: John DeWitt, 501 N. Madison, Mount Pleasant, TX 75455.
- **Panola County-Sharpe Field, Carthage** — New Airport Manager: Joseph Foster, Route 2, Box 71, Carthage, TX 75633; 903/693-7856.



Mount Pleasant Municipal Airport - The new site was bustling on a recent morning, just before noon, as crews worked on the T-Hangar buildings. The buildings were completed in December and the best news is: "They are all rented out!", according to John DeWitt, Airport Manager.

Ground Communication Outlet (GCO) Eligible Under RAMP Grant

By Kathy Griffin
Aviation Division

You can provide a significant service to the pilots at your airport with the installation of a GCO. A GCO is a combination of Radio Transceiver and an automated telephone dialer. GCO's provide pilots on the ground at a small airport access to flight service stations (FSS) or air traffic control (ATC) directly from the cockpit prior to departure to receive instrument flight rules (IFR) clearance. Eligible airports can utilize their Routine Airport Maintenance Program grants for acquisition of a GCO. Information is provided below:

Advantages of a GCO

- Open and close instrument clearances without Remote Transmitter/Receiver (RTR) and Remote Communications Outlet (RCO)
- Use commercial phone line to connect with the appropriate FAA Air Traffic facility (ATCT, TRACON, AFSS, etc.)
- Three parts: VHF transceiver, interconnect, and phone line
- Primary frequency is 121.725 but if there is interference, 135.075 may be used

How to acquire GCO

- GCO shall be purchased through the city or county using their procurement processes. Estimated cost ranges from \$6,000 to \$7,500 initial cost; \$600 to \$700 operating cost per year.
- Federal Communications Commission (FCC) license must be obtained prior to GCO operation, this process may take 6 to 8 months to complete. FCC forms and FAA forms may be obtained from the Aviation Division. Contact Kathy Griffin through e-mail at kgriffin@dot.state.tx.us or call 1-800-68-PILOT.
- Once the city or county has decided to purchase the GCO, a RAMP grant must be executed prior to installation of the GCO.

mea
culpa

The correct spelling for the airport at Temple is Draughon-Miller ("The B-17 Bomber Wows Crowd at Draughon-Miller Airport", page 8, Wingtips October 2001).

We regret the error.

A New High-Wing Turbine Single Looms on the Horizon

Air Tractor, the world's largest agplane manufacturer, will deliver a new passenger airplane known as the Snow S-22 Surveyor to the U.S. Department of Interior Office of Aircraft Services (OAS) sometime during the summer in 2004. The OAS has contracted to buy the first model with the potential for an additional 15 aircraft.

According to Leland Snow, President of Air Tractor based in Olney, Texas, the S-22 is PT-6 powered, is high wing and has amphibious floats; it can carry 10 people. Pressed for more information, Snow indicated that the aircraft is designed specifically for exceptional visibility and has a high cruising speed. What will it look like? How fast or how far will it go? What is its projected price? No more information is forthcoming at the moment, but you can certainly count on Snow's belief in . . . finishing the project first and then letting the airplane speak for itself. More detailed information such as specifications and photos should become available probably in 2002 or maybe 2003.

ENPLANEMENTS CLIMB AT KILLEEN MUNICIPAL AIRPORT

Killeen Municipal Airport had 99,815 enplanements in 2000, up 10.4 percent from 90,418 enplanements in 1999, according to a Federal Aviation Administration (FAA) report released on October 19, 2001. Killeen Municipal moved up from a ranking of 224 out of 422 nationwide airports to 217 of 419.

The airport has seen constant growth over the past decade and has surpassed comparable local airports. Killeen Aviation Director Don Christian links the growth to the city population boom from 1990 to 2000 and increased military activity at Fort Hood. More enplanements make the airport eligible for more federal grant money for projects such as the joint-use airport at Robert Gray Army Airfield. Consequently, more passengers means more money in the airport account that is used to match federal grants. Each passenger is charged \$4.50 as a passenger facility fee for each ticket bought which is then set aside for airport projects.

The September 11th terrorist attacks might negatively impact enplanements for 2001, according to Christian. However, Continental Express General Manager, Yvonne Newman disagrees. She believes that the airport will see an increase in traffic as a direct result of the terrorist attacks, because Killeen Municipal is now picking up Waco-area traffic since Continental pulled out of Waco. Also, the war in Afghanistan has increased or influenced more flying among business workers and military family members.

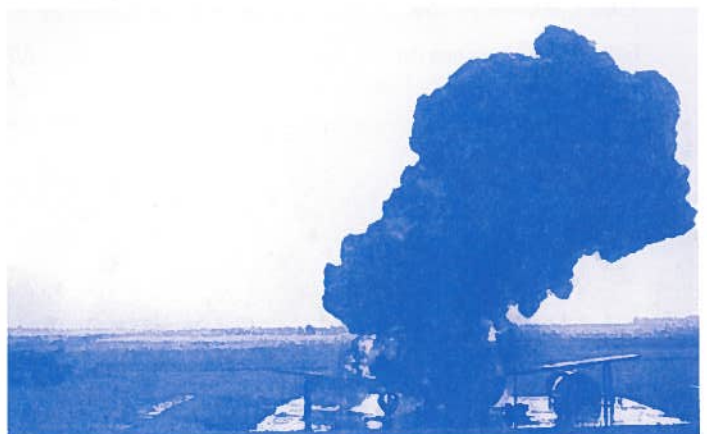
Certainly, the continuation of increased enplanements paves the way for more facility improvements at Killeen Municipal Airport.

AIRPORT PUBLIC RELATIONS DOs and DON'Ts

Suggestions for improving airport community relations brought up in a National Air Transportation Association convention discussion by attendees and speaker Peter Burgher:

- Hold an open house - emphasize the direct/indirect benefits of the airport
- Attend commission meetings with supporters; the opposition may tend to exaggerate
- Don't do it alone; get the airport support group to attend commission meetings and be prepared with economic, noise, and other facts
- Don't stop fighting for the airport, even when it appears the battle has been won
- Start campaigning for support well before there is talk of closing the airport
- Try to positively influence big opponents via free lessons, airplane rides, etc.
- Hold a reporter/media day; give everyone a ride and an air tour of the area; hand out Aircraft Owners and Pilot Association's (AOPA) Glossary of Terms for Reporters
- Hold a grade school kids day
- Find the people the public will listen to and gain their support
- Hold a Teachers' Day; hand out curriculum on lift/drag, etc.; host a paper airplane contest
- Talk to or join the community or county economic development board
- Get to know the Chamber of Commerce
- Refer to curfews as "voluntary quiet hours"; when they are not followed, explain why to the public
- Look to cargo operators for support

Source: *Airport Business*, 2001



Lubbock International Airport - Firefighters extinguished a burning mock airplane last fall at the airport's new Aircraft Rescue Fire Fighting Training Facility. The facility contains a mock airplane —which rests in an area called the pit—a control room, and a system to retrieve and cycle the fuel and water used in the training. Lubbock's fire pit is only the fourth in the country with its design and the only one in Texas.

2002 TEXAS AVIATION CONFERENCE



Sponsored by
The Texas Department of Transportation
&
Texas Airport Management Association

Location and Date

The 2002 Texas Aviation Conference will be held at the DoubleTree Hotel, 6505 IH 35 North, Austin. The dates are March 20, 21, 22, 2002.

Conference Registration

Pre-registration is recommended and will help us in planning and preparing a better conference. If you pre-register, your name tag and program packet will be ready when you arrive at the hotel. The fee is \$100 in advance or \$110 at the door. You are encouraged to register online **OR** you may choose to complete the registration form (one form per registrant; photocopy if necessary) and return it with payment to the TTI-ITEC Office of Conference Management Services (OCMS) to the address listed on the form by March 13, 2002. Only cancellations received in writing by OCMS by March 6, 2002 will be refunded, less \$25 handling fee. No refunds will be issued after this date. You may pay your registration fee by check, money order, or credit card. If you have any questions or need additional registration material, please contact the Aviation Division at 1-800-68-PILOT. **Registration fee covers conference handouts, break refreshments, Thursday evening activities, including the awards banquet.**

Hotel Reservations

The DoubleTree is holding a block of rooms for our use at the nightly rate of \$116 for single and \$126 for double occupancy. We encourage everyone needing a room to call immediately since we anticipate the rooms will be booked quickly. Deadline: February 26. After this date rooms are subject to availability and may be at a higher rate. To receive this rate, please call the DoubleTree at 512/454-3737 or 800-222-8733. Remember to ask for reservations for the Texas Aviation Conference to receive special rates on rooms. **THERE WILL NOT BE A CHARGE TO PARK IN THE DOUBLETREE HOTEL GARAGE. YOU CAN HAVE YOUR PARKING TICKET VALIDATED AT THE TAC REGISTRATION DESK.**

Special Activities

On Wednesday, from 11:00 a.m. to 5:00 p.m., a golf tournament is scheduled at the Bluebonnet Hill Golf Club. Sign up early - limited to first 40 participants. **All golfers must be registered to attend the conference.** If you are interested in playing, please contact our office at 1-800-68-PILOT, for further information. A get acquainted reception is planned for Wednesday evening from 5:30 p.m. — 7:00 p.m. A Thursday evening social is planned with a live band performing immediately following the Awards Banquet.

Shuttle Service

If you need transportation from Austin- Bergstrom International Airport, there is a **Super Shuttle** available. Upon arrival proceed to the lower level and collect your luggage, check in with the Super Shuttle agent at the counter located next to the baggage claim area. Tickets can be purchased one-way or round trip.

Special Needs

In compliance with ADA requirements, participants with special needs can be reasonably accommodated by contacting OCMS phone: 979/862-1219, toll free 888-550-5577, or fax 979-862-1225, at least five working days prior to the conference.

2002 Tentative Conference Program

WEDNESDAY, MARCH 20

1-09-02

- 11:00 a.m. - 5:00 p.m. **Golf Tournament** (*Sign up early, limited to first 40 participants*)
- 1:00 p.m. - 5:00 p.m. **Exhibitor Set-up**
- 1:00 p.m. - 5:00 p.m. **Registration/Check-in**
- 5:00 p.m. - 7:00 p.m. **Exhibits Open**
- 5:30 p.m. - 7:00 p.m. **Get Acquainted Reception Hosted by Sponsors (in Exhibit Hall)**

THURSDAY, MARCH 21

- 7:30 a.m. - 8:20 a.m. **Continental Breakfast (in Exhibit Hall)**
- 7:00 a.m. - 4:00 p.m. **Registration Desk Open**
- 8:30 a.m. - 8:40 a.m. **Welcoming Address**
- 8:40 a.m. - 8:50 a.m. **Words From the Sponsors**
Dave Fulton, Director, TxDOT, Aviation Division
Mark Nelson, President of Texas Airport Management Association (TAMA),
and Denton Municipal Airport Manager,
- 8:50 a.m. - 9:00 a.m. **Introduction of Aviation Advisory Committee Members**
Dave Fulton, Director, TxDOT, Aviation Division
- 9:00 a.m. - 9:20 a.m. **State of Aviation Division**
Dave Fulton, TxDOT, Aviation Division
- 9:20 a.m. - 9:40 a.m. **Coffee Break (in Exhibit Hall)**
- 9:40 a.m. -10:10 a.m. **Fractional Ownership — How Much of an Impact Will It Make?**
James Christiansen, Vice President of National Accounts, Executive Jet Aviation
- 10:10 a.m.-11:00 a.m. **Business Perspective on Importance of General Aviation**
- 11:00 a.m. -11:30 a.m. **The Future of Commercial Airlines**
- 11:30 a.m. - noon **Airport Security**
Jim Shirey, VP Marketing, SFIM, Inc.
- noon - 1:30 p.m. **Texas Aviation Advisory Committee Meeting**
- noon - 1:45 p.m. **Lunch on Your Own**
- 1:45 p.m. - 2:45 p.m. **Workshops**
- 1) **Pavement Maintenance**
How to Protect this Expensive Investment
Greg Snelgrove, Airport Manager, Gillespie County Airport
Rubin Schultz, TxDOT; Steve Roth, TxDOT; Gilbert Jordan, TxDOT;
Kathy Griffin, TxDOT Aviation, Moderator

- 1:45 p.m. - 2:45 p.m.** **2) What is the Role of an Airport Board?**
Megan Caffall, Kerrville Municipal Airport; Kerrville Airport Board Members
- 2:45 p.m. - 3:00 p.m.** **Break in Exhibit Hall**
- 3:00 p.m. - 4:00 p.m.** **Workshops**
- 3) Pavement Maintenance**
How to Protect This Expensive Investment
Greg Snelgrove, Airport Manager, Gillespie County Airport
Rubin Schultz, TxDOT; Steve Roth, TxDOT; Gilbert Jordan, TxDOT;
Kathy Griffin, TxDOT Aviation, Moderator
- 4) AWOS Program Overview and Update**
Cheri Haynes, President, CLH, Inc.
- 4:00 p.m. - 5:30 p.m.** **Texas Airport Management Association (TAMA) Meeting**
- Approval of minutes from previous meeting
 - Election of 2002 Officers
 - TAMA Goals for 2002
 - General Discussion
- 5:30 p.m. -7:30 p.m.** **Awards Banquet**
- 7:30 p.m. - 9:30 p.m.** **Evening Social (Live Band Performing Immediately After the Awards Banquet)**

FRIDAY, MARCH 22

- 7:30 a.m. -10:30 a.m.** **Exhibits Open**
- 7:30 a.m. -10:00 a.m.** **Registration Desk Open**
- 7:30 a.m. - 8:30 a.m.** **Continental Breakfast (Exhibit Area)**
- 8:30 a.m. - 9:00 a.m.** **Environmental Issues**
Storm Water Requirements for Air Transportation
- 9:00 a.m. - 9:30 a.m.** **Pavement Evaluation**
Dr. Michael T. Mc Nerney, P.E., Senior Technical Advisor, DMJM Aviation
& Luis Elguezabal, Airport Manager, Fort Worth Meacham International Airport
- 9:30 a.m. - 10:00 a.m.** **Perimeter Security Gates and UL 325 Safety Standards**
How This Will Affect Your Airport
Vicky Mayes, Southwest Automated Security
- 10:00 a.m. - 10:30 a.m.** **Check-out Break (Exhibits Breakdown)**
- 10:30 a.m. - 11:00 a.m.** **TBA**
- 11:00 a.m. - 11:30 a.m.** **Economic Benefit Analysis**
Scott Sanders, Wilbur Smith & Associates
- 11:30 a.m. - noon** **TXDOT/DOT-FAA AIP PROGRAM and Listening Session**
Dave Fulton, TxDOT; FAA Airports Development Office, SW Region,
Questions & Answers
- noon** **Conference Closes**
- For conference updates see our web page at www.dot.state.tx.us*

REGISTRATION FORM

Register on-line at <http://tti.tamu.edu/conferences>

To register for this conference, complete this form below and return with \$100 check made payable to: TTI-Aviation, and send to ITEC Office of Conference Management Services, Texas Transportation Institute, Texas A&M University System, 3135 TAMU, College Station, TX 77843-3135. Phone: 979/862-1219 and Fax 979/862-1225. NO PURCHASE ORDERS ACCEPTED. ONLY VISA, MASTER CARD AND DISCOVER CREDIT CARDS WILL BE ACCEPTED. ONLY CHECKS FROM U.S. BANKS ARE ACCEPTED. TxDOT employees are exempt from the registration fee, but you must fax a copy of this form to 979-862-1225 or register on line.

You may also choose to register on-line at <http://tti.tamu.edu/conferences>. If paying by check or money order, you may register on-line and then mail your payment. You must register by March 13, 2002. Only cancellations received in writing to OCMS by 5:00 p.m. March 6, 2002 will be refunded less \$25 handling fee.

Name _____

Month/Day of birth* (i.e. 08/12) _____ Last 4 digits of Social Security Number _____

Title _____ Company/Organization _____

Address, City, State, Zip Code _____

Day Phone Number _____ Fax _____ e-Mail _____

* This information will be used to verify your record and will assist you with any future on-line conference registration

___ I have enclosed my check or money order OR ___ I would prefer to pay with credit card (circle one) Visa M/C Discover

_____ Credit Card Number _____ Expiration Date _____ Amount _____

I will be attending the following functions during the conference:

Circle One

Wednesday	Golf Tournament	Yes	No
Wednesday	Get-Acquainted	Yes	No
Thursday	Awards Banquet	Yes	No
Thursday	Evening Social	Yes	No

For TTI Use Only:

Check Number _____
 Check Amount _____
 Receipt Number _____

NOTE: If you are taking a guest to the awards banquet who is not registered please include an additional \$16.



AVIATION MILESTONES



"First Feats" in Aviation

- German engineer Otto Lilienthal made his first glider flight 1891.
- After the Wright brothers, the first American to fly was Glenn Curtiss (1908).
- Lieutenant Thomas Selfridge, the first person to be killed in an airplane crash, was flying with Orville Wright (1908)
- The first in-flight motion photography was shot by Orville Wright (1909).
- The first shipboard landing was made by Eugene Ely (Curtiss Pusher, 1911).
- The first pilot to break the 100-mph barrier was Jules Vedrines (108 mph, Deperdussin, 1912, Chicago).
- The first U.S. airmail delivery was conducted between New York City and Washington, DC (May 15, 1918, Curtiss JN-4H).
- The first around-the-world flight took 175 days (April 6-Sept. 28, 1924, U.S. Army Air Service).
- The first transpacific flight was accomplished by a U.S. Navy team (1925).

- The first full-length motion-picture film to feature aviation was called Wings (1927).
- The first woman to fly cross the Atlantic Ocean in an airplane was Amelia Earhart (1928).
- The first plane to stay aloft for more than 100 consecutive hours was a Fokker C-2 (1929).
- The first airplane to make a 30-year production run was the Beech 18 (1937-69).
- The "Spirit of St. Louis," the first plane to cross the Atlantic Ocean with just one person aboard, was built in San Diego.
- The first airplane to be produced by the Cessna Aircraft Corporation was the Model A.
- Louis Becherau developed the first pedal system for rudder control.
- The Experimental Aircraft Association's first chapter is located in Riverside, California.
- Orville Wright, the first man to fly a powered, heavier-than-air aircraft, did not live to see or hear about the first dog fight between military jet aircraft.
- Richard VanGrunsven's first homebuilt, the RV-1, was a modified Stits Playboy.
- Burt Rutan, designer of the Voyager, the first aircraft to fly around the world without refueling, once worked for Bede Aircraft.

FLIGHT SAFETY

PILOT SAFETY FLYING STRATEGIES

- Plan your flight so that you don't have to look up en route and destination information or program a Global Positioning System (GPS) while airborne.
- Clean your windshield, make S-turns during a climb to improve forward visibility, and use a cruise climb airspeed for a better view over the nose.
- Enlist passengers' help in scanning for traffic.
- Use aircraft lights to improve visibility to other pilots and use the landing light on approach, departure, and climbout.
- Use sunglasses that block ultraviolet rays and improve visibility through haze, but be aware that polarized sunglasses may block the glint of sunlight on other aircraft.
- Communicate with radar approach controllers when possible and announce your position starting 10 miles out at non-towered airports.
- Become a target by installing a transponder if your aircraft doesn't have one, and squawk altitude (Mode C) when in flight.
- Scan for traffic, remembering that most accidents involve one aircraft overtaking another.

SOURCE: *Aircraft Owners and Pilots Association (AOPA)*

WHAT IS GENERAL AVIATION?

- General aviation (GA) is all flying except military and scheduled airline flights.
- There are 221,000 general aviation aircraft in the U.S., approximately 92 percent of the total civilian aircraft fleet. Approximately 78 percent of all GA aircraft have fewer than six seats, and weigh less than a compact automobile.
- General aviation generates some \$65 billion a year in total national economic activity.
- General aviation aircraft are used for personal and business transportation, much like personal automobiles. More than 65 percent of all GA flights are conducted for business, commercial, and public service purposes.
- Under normal circumstances, there are approximately 132,000 GA flights per day.
- General aviation accounts for 59 percent of civil aviation hours and 80 percent of all takeoffs and landings.
- General aviation connects the majority of communities with the national air transportation system. General aviation serves more than 5,300 public-use airports in communities large and small. Scheduled airlines go to about 660 U.S. airports. Seventy-five percent of major airline flights operate out of just 46 big-city airports. Half of those flights move passengers between 29 hub airports.
- There are 645,000 active pilots in the United States. More than 535,000 pilots fly general aviation aircraft.

Source: *AOPA*, 2001, www.aopa.org

Texas Aerospace Commission Internships

The Texas Aerospace Commission is accepting applications for internship opportunities for both undergraduate and graduate level students. Opportunities for internship exist in project management, policy research and strategic planning.

Individuals are encouraged to contact the Commission personally to develop a program that matches their background and interests. Contact: Fred Johnson, Director of Legislative Affairs and Administration, 512/936-4822 or toll-free 888/844-4822.



El Paso International Airport—Workers dump water from pieces of a security barricade recently being set up in front of the airport as part of extra measures for security.

Experimental Aircraft Association Halls of Fame Inducts Eight New Members

Eight people who contributed greatly to the world of flight have been honored by EAA, The Leader in Recreational Aviation, as the newest members of the EAA-affiliated Halls of Fame. The group was inducted on November 2, 2001 at the EAA Aviation Center at Oshkosh, Wisconsin.

HOMEBUILDERS' HALL OF FAME: John Monnett, Oshkosh, Wisconsin, a leading aircraft designer for 30 years created the Sonerai, Monerai, Moni, Monex and, most recently, the Sonex. Monnett is also renowned for affordable Volkswagen engine conversions for aircraft, notably the Super Vee and Aero Vee.

INTERNATIONAL AEROBATIC CLUB HALL OF FAME: Michael Heuer, Memphis, Tennessee, has been involved in sport aerobatics since 1965 and helped write the first IAC rulebook in 1970. Heuer has served as president of the FAI International Aerobatics Commission since 1986, and has been an IAC officer or director longer than any other person.

ULTRALIGHT HALL OF FAME: W. Michael "Mike" Sacrey, Voluntown, Connecticut, an experienced pilot and instructor, became the FAA official responsible for creating Part 103 - ultralight air regulations. Sacrey's support and vision allowed ultralight flight to grow safely over the past two decades.

WARBIRDS HALL OF FAME: (1) Ed Maloney, Chino, California, has amassed an impressive collection of warbird aircraft over the past 50 years, which evolved into the Planes of Fame Museum, the oldest privately operated air museum in the world. Maloney has also written 26 aviation books; and (2) Lincoln Dexter, North Fort Myers, Florida, has logged more than 32,000 hours of flight time, many of them in warbird aircraft. Dexter is a former Warbird Flight Line Chairman at EAA AirVenture and Warbirds of America director.

VINTAGE AIRCRAFT ASSOCIATION HALL OF FAME: (1) Dr. Roy Wicker, Quitman, Georgia, is one of the nation's leading aircraft restorers. Wicker's restorations and building projects have been consistent award winners and are known for their meticulous craftsmanship, and (2) Ted Koston, Melrose Park, Illinois, has helped preserve vintage aircraft through his photography career. Koston is the founder of the Midwest Aviation Photographers Association and has been an EAA volunteer photographer for nearly 40 years.

FLIGHT INSTRUCTOR HALL OF FAME: Amelia Reid, who died in March 2001, taught more than 4,000 students to fly after beginning her California flight school out of the trunk of a 1959 Ford. Among her students was legendary air show pilot



The Aviation Division continues to serve the public throughout the state by providing lending services to patrons by mail.

POLICY: Any resident of Texas can check out three video tapes at a time for two weeks at no charge. Only return postage is necessary.

MEMBERSHIP: To enroll in our database, write to Aviation Division, TxDOT, 125 E. 11th Street, Austin, Texas 78701; and give your name, address, telephone number, as well as your driver's license number. After membership enrollment, a video catalog of tapes will be sent to you for your review. You can then place your order at your convenience by calling our 800 number.

AUSTIN PATRONS: Office Hours - Monday through Friday, 8:30 a.m. to Noon and 1:00 p.m. through 4:00 p.m. (Closed for Lunch).

For more information, please contact Donald Brown at 1/800/68-PILOT.

INTERESTING VIDEOS:

- V1065 Colorado Mountain Passes & Colorado Airports
- V1376 IFR Flying Tips & Techniques
- V1390 Instrument Proficiency Check
- V1404 Making Your Own Rules - Personal Minimums
- V1409 Afterburner Boogie - Hot Jets

Maintenance Grant Funds Available

By Kathy Griffin
Aviation Division

This is a reminder that fiscal year 2002 Routine Airport Maintenance Program (RAMP) grants for the 50% matching funds not to exceed \$30,000 state funds are available for maintenance work at publicly-owned or operated general aviation, reliever, and non-hub commercial service airports.

Effective September 1, 2001 (state fiscal year 2002), changes to the program include eligibility of replacement bulbs/lamps for airside lighting fixtures and approach aids. All work described under the grant shall be accomplished by August 31, 2002.

The work may be accomplished with TxDOT forces, by TxDOT contracts, or you may procure the services under local contracts. If you choose to use your own forces the costs of materials will be eligible under this program.

Please contact Kathy Griffin at 1-800-68-PILOT or email at kgriffin@dot.state.tx.us for more information or visit our Web site at www.dot.state.tx.us for your TxDOT district RAMP Coordinator name.

RECENT AVIATION CAPSULES . . .

- SOUTHWEST AIRLINES wins the Best Customer Satisfaction Award by Satmetrix Systems. The independent survey of 13,000 business consumers in late September identified the Dallas-based carrier as best in its class in the airline sector. Southwest received an 8.63 out of a possible 10 compared with the overall airline rating of 7.79.
- HOUSTON AIRPORT SYSTEM - HAS handled 3,254,018 passengers in October and over 36.7 million passengers through October 2001. George Bush Intercontinental Airport (IAH) had 2.5 million, William P. Hobby Airports (HOU) had 671,429 and Ellington Field (EFD) had 5,943 passengers in October. IAH has served 28.3 million travelers, HOU handled 7.3 million and EFD had 48,356. HAS handled over 63.8 million pounds of cargo in October and over 590 million pounds through October in 2001.
- WINSTON FIELD, Snyder, Texas, marked its 50th anniversary on Saturday, December 8, 2001. The Snyder Chamber of Commerce hosted an Open House in observance of the anniversary.
- DECATUR MUNICIPAL AIRPORT - Airport and city officials hosted a ribbon cutting for the new Decatur Municipal Airport terminal on Saturday, September 1, 2001. The opening of the terminal was a part of the well-attended airport Open House which featured antique autos, antique planes, free plane and helicopter rides, including a Civil War re-enactment troop demonstration of small arms and mountain cannons.
- DALLAS-FORT WORTH INTERNATIONAL AIRPORT - A 554-room Hyatt Hotel was demolished at the airport early one Sunday morning in October to make room for a \$1.1 billion international terminal that will be twice as large as the existing one.
- RWJ AIRPARK, Baytown - Civil Air Patrol C-182 aircraft was temporarily relocated recently to the Anahuac Airport because of the air space restriction in the Houston area resulting from the September 11 terrorist attacks. The plane is now back at RWJ. Major Don Fisher is the Liberty Sr. Squadron Commander of the Texas Wing CAP, which currently has 24 members. CAP performs special support missions, including search and rescue of downed airplanes or of lost persons, including hunters.
- HOUSTON, TEXAS - Charles Hutchins received the Lloyd P. Nolen Award for Lifetime Achievement In The Advancement of Aviation. Hutchins was presented the award at the recent Wings Over Houston Airshow. He was honored for his many years as organizer of the annual event. Previous winners include astronauts and test pilots among others.
- NATIONAL TRANSPORTATION SAFETY BOARD - Marion Clifton Blakely was recently sworn in as the ninth Chairman of the NTSB. Her current term as Chairman ends September 23, 2003. Her term as a Member of the Safety Board ends December 31, 2005. Most recently, Ms. Blakely served as Administrator of the Department of Transportation's National Highway Traffic Safety Administration (1992-1993).
- AIR FORCE ONE - President Bush said goodbye at a special retirement ceremony in August to a historic jet that was used by every president since Nixon. The specially-configured Boeing 707 jet served seven presidents including Bush. It was on this plane that Nixon's resignation became effective. It flew former President Carter to Germany to greet the 52 Americans who had been held hostage in Iran. Former President Reagan used the plane to travel to Berlin in 1987 to demand that the Soviet leader "tear down this wall." Its last trip was to California for display at a new hangar at Reagan's library in Simi Valley. According to President Bush, it may carry no more presidents "but it will carry forever the spirit of American democracy."

Scholarship Memorializes Aviation Publisher

Friends and colleagues of George E. Haddaway have announced the establishment of a new scholarship to honor the memory of the high-flying Texas publisher and to further his goal of educating future generations about the benefits of aviation.

Haddaway, a graduate of the University of Texas at Austin with a degree in English literature and journalism, earned his pilot's license in 1928. He was one of the founders of the Civil Air Patrol in 1941, and commanded a CAP unit from Beaumont during WWII. Haddaway published the magazine *Flight* for 40 years and contributed his unique collection of aviation artifacts and extensive aviation research to UT-Austin, where it became the distinguished History of Aviation Collection. Eventually, the collection moved to UT-Dallas for on-going use and the artifacts became the basis for the historical displays at the Frontiers of Flight Museum on Dallas Love Field.

He was the ultimate crusading journalist and enthusiastic pilot who held an abiding belief in the critical importance of aviation to the country's economy and defense.

The scholarship will be awarded to college journalism students in the U.S. who have a demonstrated interest in the science and history of flight.

Applicants must be U.S. citizens who have successfully completed at least the first two years of college at an accredited institution in the U.S. or its possessions. They must submit two letters of recommendation in addition to academic or journalistic work that reflects their interest in aviation. Questions and contributions may be directed to Communities Foundation of Texas by phone at 214/826-5231 / write to its offices at 4605 Live Oak Street, Dallas, Texas 75204.

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AirNav. Georgetown Municipal Airport
www.georgetownflying.com

Best Fares
www.bestfares.com

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www.fighterpilotsusa.com

Lima Lima Flight Team
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North American Top Gun
www.natg.com

The Internet Aircraft Market Place
www.wingsonline.com

Thunderbirds
www.nellis.afmil/thunderbirds

Travel Safety Warnings & Notices Worldwide
www.travel.state.gov

MARK YOUR CALENDAR!

2002

Mar. 13-15 International Women in Aviation Conference
Nashville, Tenn.

Mar. 20-22 20th Annual Texas Aviation Conference
Austin, Texas

Apr. 5-6 Gulf Coast GA Expo 2002
Galveston, Texas

June 7-9 Lake Texoma Ultralight Gathering
Gordonville, Texas

Editor's Note: For most recent entries, check our Texas Aviation Calendar of Events at our Web site, www.dot.state.tx.us.

Deadline for article submissions for the Mar-Apr 2002 WINGTIPS is March 1, 2002.



Texas Department of Transportation

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