

Tennessee Aviation

Tennessee Department of Transportation
Aeronautics Division

June 2009

TDOT
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Airports Conference "Flying Country"

Grand Old Opry Star Mike Snider will kick off the annual Tennessee Airports Conference scheduled for August 19-21, at Nashville Airport Marriott.

Snider is a noted comedian and musician. He is a banjo champion from way back and also plays the fiddle and harmonica. Snider's music and his old-time string band are first-rate. He has entertained crowds for years in various venues such as Hee Haw, Opryland USA and of course, the Opry.

The conference agenda will include numerous sessions of pertinent information on airport development, security, business diversification, grant requirements and much more. On Friday, airport managers will have a roundtable on "Airport Ideas that Work."

The Country Music Hall of Fame is the destination for the spouse/guest tour. The *Williams Family Legacy* will be featured, as well as a journey through the life of country music.

On Wednesday, the Golf Scramble tees off at the Windtree Golf Course in Mt. Juliet.



Ryman Auditorium, the original home of the Grand Old Opry.

And, canoers will be floating down the Duck River.

Of course, don't forget our most important event, Awards of Excellence Banquet, to recognize airports and individuals who have excelled in managing their airports and in aviation.

"Flying Country" is the theme for the exhibit competition. Awards will be presented for the Most Creative, Most Innovative and Chairman's Award.

The conference will be informative and entertaining, so grab your boots and jeans and join us.

From the Cockpit

By Bob Woods, Director

We realize business has been a little slow at our airports, but we anticipate the economy improving. Our Mid-South Maintenance Conference was successful this year and had a good turnout. We are gearing up for an exciting and informative airports conference in August.

Our guest speaker will be Grand Old Opry star Mike Snider. Mike is a renowned comedian and banjo player.

We will have interesting sessions as well as speakers, so we hope you will make plans to join us at the Nashville Airport Marriott.

Each year we sponsor the Tennessee Aviation Art Contest for elementary and high school students. This year two of our winners also won on the national level. Zeth Akins, Cedar Bluff, won 2nd place, and Chihye Kim, Knoxville, won 1st place. Both are in the 6-9 category. Akins later won 2nd place in the international competition, which is a great honor. Congratulations to both!



Airports Mascots

Many of our Tennessee airports have their own mascots. Meet some of them:



Bugger, McMinn County Airport in Athens, was named "2008 Watch Dog" by Professional Pilot Magazine. She was chosen from dogs all over the U. S.



Daisy, Ellington Airport in Lewisburg, had a stroke about 12 years ago and walks sideways but continues to improve. She is a favorite of the AirEVAC Lifeteam.

Tennessee Aviation, Aeronautics Division Publication

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Marsha Dubin, Grants Manager

Tom Burgess, P.E., Chief Engineer

Brian Caldwell, Chief Planner

Lyle Monroe, Chief Pilot

Lesa Bont, Administration and Personnel

Jackie Hernandez, Newsletter Writer and Editor

www.tdot.state.tn.us/aeronautics



Honey, Tullahoma Regional Airport, trudges a half mile to the airport daily. She has been described as "airplane savvy," never interfering with airplane traffic. Her favorite food is hotdogs, hamburgers and Hardee's biscuits.



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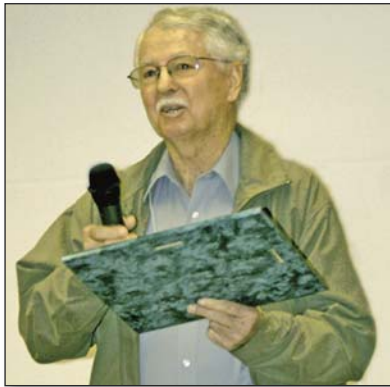
43rd Annual Tennessee Mid-South Maintenance Conference

The economy didn't affect attendance at the 43rd Annual Tennessee Mid-South Maintenance Conference on March 3-4 at the Radisson Hotel Opryland. Approximately 350 people attended the free FAA-approved IA Renewal Program.

Alan Anderson of Dyersburg was named the Tennessee Aviation Maintenance Technician of the Year for his noteworthy achievements in aviation and superior performance in his field. He received a plaque and a check for \$1,000.



Robert Minter, executive chairman of the Tennessee Aviation Association, presents \$1000 check to Alan Anderson of Dyersburg as Tennessee Aviation Maintenance Technician of the Year.



Joe Fleeman of Lawrenceburg accepts the Charles Taylor Master Mechanic Award for 50 years of aviation maintenance experience.

Joe Fleeman of Lawrenceburg was honored with the Charles Taylor Master Mechanic Award for his 50 years of aviation maintenance experience. Following a career in the Air Force, Fleeman built the airport in Lawrenceburg and started Fleeman's Flying Service.

Forty vendors displayed the latest technology in their fields. Conference sessions covered topics from computerized maintenance and electronic research to carburetor troubleshooting. FAA gave briefings on safety, National Maintenance Provisions and a Federal Regulatory Review.

The conference was sponsored by the Tennessee Aviation Association, Baker's School of Aeronautics, Aerospace Products International, North Central Institute, Pratt & Whitney Engine Services, Inc., Trade-A-Plane and Edwards & Associates, Inc., in cooperation with the Federal Aviation Administration.



Historic Victorian Village in Rural Tennessee

If you visit historical Rugby, Tennessee, at dusk, you are reminded of the thriller “The Village” starring Joaquin Phoenix. Walking through the faintly lit rooms of Thomas Hughes’ home gives one an eerie feeling. But if your visit is on a sunny day, you will be charmed by the picturesque cottages encircled by picket fences and flowers with lamp posts lighting paths to the door.

The Victorian village was built in 1880 and was the brainchild of British author and social reformer Thomas Hughes. He envisioned a utopian community without class distinctions. At that time in Britain, the oldest son inherited the family fortune, making it difficult for younger sons to find socially acceptable occupations. Hughes was impressed that class distinctions did not impede Americans in their chosen professions.

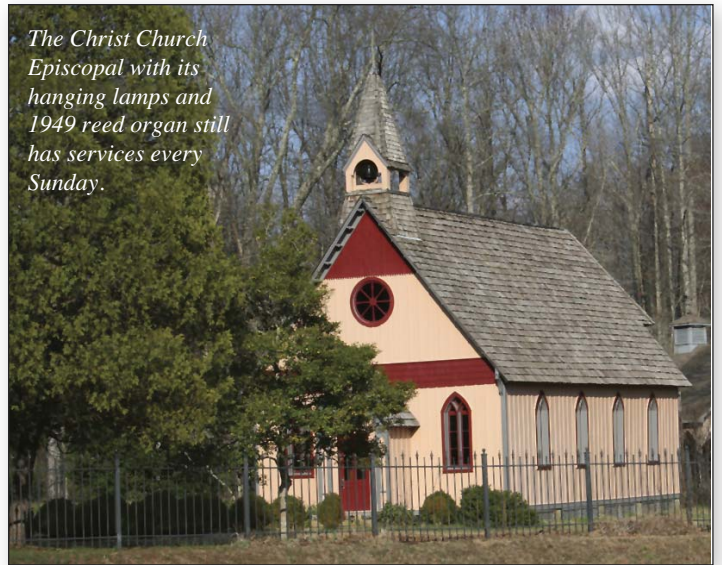
Consequently, when Bostonian businessmen informed him of available land in Northeast Tennessee, he joined them in forming the Board of Aid to Land Ownership. The board hired architects to design buildings and plan a village. Sixty buildings were constructed on the site and about 400 residents lived there.

Rugby was self-reliant with general stores, stables, sawmill, drug store, boarding house, etc. The Tabard Inn was the grandest hotel in the area and a social center that helped attract visitors from across the country and the world. The Thomas Hughes Public Library amassed 7,000 volumes from admirers and publishers all over the U.S. It now has one of the largest remaining collections of Victorian literature. Although Christian teachings were foremost, residents still enjoyed gossip and books such as “How to be Handsome.”

Rugby flourished for about seven years. Literary societies and drama clubs were established. Residents played lawn tennis, rugby football and croquet. They rode horses and went swimming in the rivers. Unfortunately, in the hard times of backwoods Tennessee, agricultural pursuits were more important,



Percy Cottage rents out an upstairs two-bedroom suite. The downstairs rooms are used for office space.



The Christ Church Episcopal with its hanging lamps and 1949 reed organ still has services every Sunday.

and Rugby was more interested in cultural pursuits. The community leaders built a thriving town, but it had an English gentry society.

Barbara Staff, executive director of Historic Rugby, wrote a historic account of life at Rugby and according to her, their genteel life contributed to the demise of the community. “Rugby’s elite class of settlers, who distinguished themselves



Thomas Hughes Public Library has one of the largest remaining collections of Victorian literature.

from their neighbors, prevented the community from succeeding. Rugby’s architecture, their propensity for leisure and subsequent failure of economic endeavors, and their perceptions of the native Tennesseans magnify the differences in class between the colony and its neighbors.”

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Historic Rugby...cont.

Today 20 of the original buildings still stand; some have been restored. The National Trust for Historic Preservation calls Rugby one of the most authentically preserved historic villages in America. Seventy residents live there. New homes are being built at Rugby's Beacon Hill which was laid out for homes in 1880s, but few were built. There are protective restrictions requiring the building of architecturally compatible homes. The homes are larger and on a grander scale with completely modern interiors. The Rugby tour guide said most of the buyers want them for summer homes or for retirement.

As with all century old houses, there are rumors of ghosts. On the website, **Ghosts & Spirits of Tennessee**, it states that Rugby "has been called one of the most haunted towns in America." The tour guide said there was one incident where the coverlet had been turned down in the bedroom of Thomas Hughes' house, Kingstone Lisle. No one is ever allowed to touch the furnishings, and this was prior to a tour.



Kingston Lisle, Thomas Hughes' residence. He never lived in Rugby; he would only visit.

Classes were held in the Rugby Schoolhouse until 1950. After its restoration, it opened as a visitor center.



The Rugby Restoration Association is slowly, but surely bringing the charming community back to life. The entire village is listed on the National Register of Historic Places. People from all over the U. S. and world travel to Rugby to experience what it must have been like to live in the 1800s.

Rugby is approximately 18 miles from Jamestown Municipal Airport and 35 miles from Crossville Memorial Airport/Whitson Field. For additional information, you can call Historic Rugby at (423) 628-2441.

Tentative Conference Agenda



Thursday, August 20

7:30 a.m. to 8:30 a.m.	Continental Breakfast
8:30 a.m. to 8:45 a.m.	Opening Ceremonies
8:45 a.m. to 9:45 a.m.	Keynote Address
9:45 a.m. to 10:00 a.m.	Conference Events
10:00 a.m. to 10:30 a.m.	Break
10:30 a.m. to 11:30 a.m.	"State of Aviation"
11:30 a.m. to 1:00 p.m.	Lunch
1:00 p.m. to 1:55 p.m.	Session I (concurrent) Business Diversification Grant Requirements Airport Security
2:00 p.m. to 2:55 p.m.	Session II (concurrent) GA Leasing/Rents/Fee Policy Grant Requirements Airport Maintenance
3:00 p.m. to 3:30 p.m.	Break
3:35 p.m. to 4:30 p.m.	Session III (concurrent) Business Diversification Airport Safety Airport Security
4:35 p.m.	Adjourn
5:30 p.m. to 6:30 p.m.	'Denim & Diamonds' Reception
6:30 p.m. to 8:30 p.m.	2009 "Awards of Excellence" Banquet and Awards Presentation

Friday, August 21

7:30 a.m. to 8:30 a.m.	Continental Breakfast
8:30 a.m. to 9:25 a.m.	Airport Spotlight, Airport Panel
9:30 a.m. to 10:10 a.m.	Break
10:10 a.m. to 11:00 a.m.	Airport Open Forum
11:00 a.m. to 11:40 a.m.	"Building Businesses and Airports"
11:40 a.m. to 11:45 a.m.	Grand Prize Giveaways
11:45 a.m. to 11:55 a.m.	"Front Door" and Fuel Awards Presentation
11:55 a.m.	"Publicity" Photos
Noon	Adjourn

Rehabilitating a WW II-Era Runway in Tullahoma

How does an airport economically rehabilitate a World War II-era runway for use by private and corporate aircraft? PDC Consultants solved that dilemma at Tullahoma Regional Airport, and their solution earned the 2009 Engineering Excellence Merit Award from the transportation category.

The American Council of Engineering Companies (ACEC) hosts an annual Engineering Excellence Awards (EEA) competition to recognize engineering firms throughout Tennessee whose projects demonstrate a high degree of achievement, value and ingenuity.

Tullahoma Regional Airport had closed Runway 6/24 to air traffic because of deterioration. There had been no major improvement projects for 66 years. Once Tullahoma received a grant request from TDOT Aeronautics Division for \$4.3 million, they hired PDC Consultants.

The design team, headed by PDC Consultants, included John Agee, S&ME-Nashville Office and Dr. Jim Hall, Applied Research Associates (ARA). PDC provided the planning, civil engineering and construction testing services. S&ME supplied the geotechnical investigation/construction testing services. ARA furnished falling weight deflectometer testing and consultation for runway rehabilitation. Rogers Group, Inc., was the prime contractor on the project. The team chose the “crack and seat” rehabilitation method to provide an economical solution and a sound, long-lasting primary runway.



According to Jim Currey, Aeronautics Division engineer and project manager, the runway “didn’t seem a likely candidate for upgrade because of poor soil subgrade, weak pavement panel joints and surface deterioration. However, after much deliberation, it was decided that the ‘crack and seat’ technique would work.”



Currey added, “The pavement is cracked throughout and seated back into place with a heavy roller. A modification of design standards was approved and pavement design proceeded with “crack and seat” concrete pavement preparation followed by a structural asphaltic concrete overlay.”

Airport Manager Jon Glass said, “The projects included many complicated engineering challenges and required careful coordination with the TDOT, Aeronautics Division and contractors. PDC has exceeded our expectations with all phases of these projects. In addition to that, their work came in ahead of schedule and under budget...I especially want to praise their construction administration team. They were here on site during the entire construction phase and solved many problems in the field.”

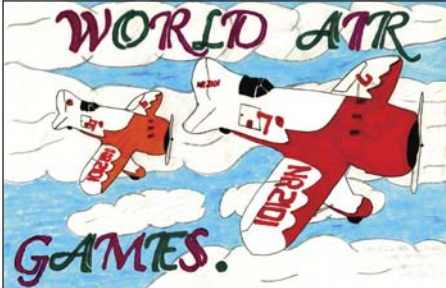
Currey commented, “The construction is a true testament to the fine art and craftsmanship of the contractor, Rogers Group, Inc. This project began as a risky proposition for the city of Tullahoma Regional Airport, but their vision was a cost-effective engineering solution.”



2009 TN AVIATION ART CONTEST WINNERS

“Create a Poster for the World Air Games”

Ages 14-17



1st Place, Faviola Velazquez, Shelbyville

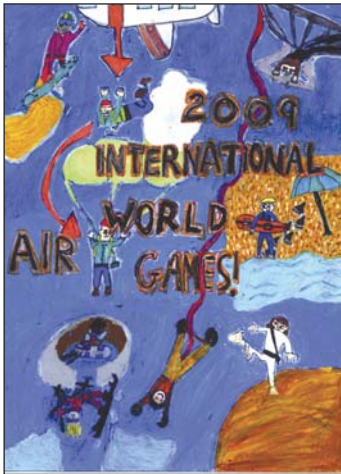


2nd Place, Jessica Vincent, Shelbyville



3rd Place, Lucia Aman, Shelbyville

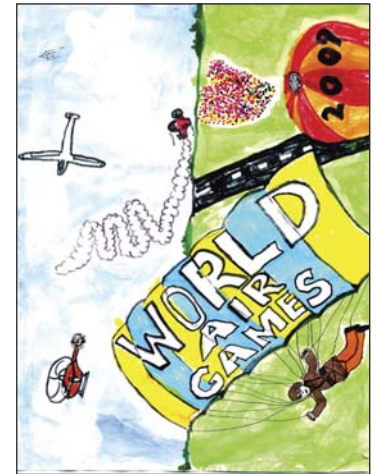
Ages 10-13



1st Place, Gennick Yoshioka, Cedar Bluff



2nd Place, Dallas McDonald, Wartrace

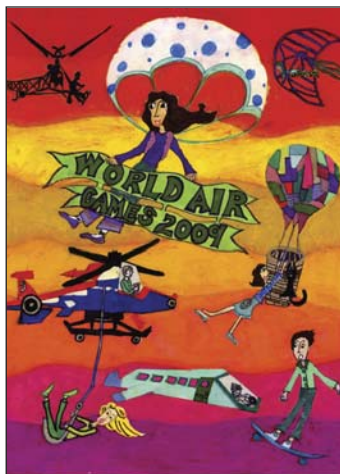


3rd Place, Hank Williamson, IV, Antioch

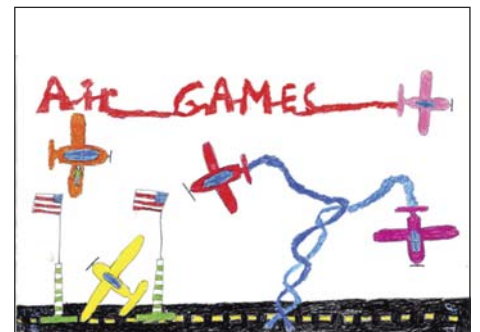
Ages 6-9



1st Place, Zeth Akins, Cedar Bluff
Akin's poster won 2nd Place in the National and International Art Contests.



2nd Place, Chihye Kim, Knoxville
Kim's poster won 1st Place in the National Art Contest.



3rd Place, Mary Bennett, Bell Buckle

Tennessee Aviation Art Contest Competitors Win on National and International Levels

Two Knoxville 4th graders advanced from the state aviation art contest to national and international levels.

Zeth Akins won first place in the statewide competition, second in the national and second in the international. Chihye Kim placed second in the statewide competition and first in the national.



L to R: *Jeanne Hardin, art teacher, Cedar Bluff Elementary, Chihye Kim, Zeth Akins, winners, with Governor Phil Bredesen.*



L to R: (back) *John Baugh, Jr., Jeanne Hardin, Gennick Yoshioka, Bob Woods, Jessica Vincent and Deloris Milliken.*
L to R: (front) *Zeth Akins, Chihye Kim and Mary Bennett.*

“Being an artist and a pilot myself, I’m especially appreciative and proud of the work of these young people and the recognition their work has brought to Tennessee,” said Bredesen. TDOT Commissioner Gerald Nicely said, “This is the first time a Tennessee student has won the national competition and the first time a student has placed in the international competition. Congratulations to Zeth and Chihye on achieving this honor.”

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