



3624 North 74th E. Ave. • Tulsa, Oklahoma 74115 • Phone 918.834.9900
Fax 918.834.6723 • www.TulsaAirAndSpaceMuseum.com

1st Quarter 2008

TAKING FLIGHT

VOLUME XIV • NUMBER 1

FROM THE EXECUTIVE DIRECTOR

HAPPY NEW YEAR! I trust that each of you made it through the holidays and bad weather and have moved on to a productive 2008. The Tulsa Air and Space Museum (TASM) is excited about our 10th anniversary. In 1997, Spartan College of Aeronautics and Technology donated the use of Hangar 5 to TASC –Tulsa Air and Space Center, as it was called in those days. Volunteers began moving planes and artifacts into place to chronicle Tulsa’s rich aerospace heritage. The collection was launched with a F-14 “Tomcat” fighter jet, Spartan C-2 and C-3 planes, Bell Helicopter, AURA Spy plane, and XTC – the world’s 1st amphibious ultra-light. In May of 1998, we opened to the public with a limited schedule. During seven months of operations, we had 6,342 visitors. The average annual attendance at the original location was 22,000. In September of 2005, we vacated Hangar 5 and moved to the new 17.8 acre campus on the north side of the Tulsa International Airport. In 2006, with the Sherman and Ellie Smith Hangar One Museum fully operational and the James E. Bertelsmeyer Planetarium open only eight months, we hosted 87,654 people.

Katheryn Pennington
Executive Director

Kim Jones
Curator

VISION

*Creating the future.
Impacting the present.
Learning from the past.*

Here is a look at TASM today: Since May 1998, TASM has hosted over 345,000 visitors • 59% of all visitors are college age and younger • 40% of admissions are school tours • TASM’s school field trip program serves a large number of traditionally underserved populations • Of the Tulsa Public School students visiting TASM, 67% qualify for free lunch • Of the Tulsa Public School students visiting TASM, 8% are Native American, 29% are African-American, and 31% are Hispanic • Of all public school students visiting TASM, 23% are Native American, 10% are African-American, 30% are Caucasian, 2% are Asian, and 11% are Hispanic

Since moving to the new facility... Attendance increased 336% • Group tours increased 190% (776 tours in 2007) • TASM’s group tours are supported by over 125 active volunteer docents • TASM’s educational program have grown due to the new facility • 2 new summer camp topics have been developed – Robotics and Astronomy • 33% more children have participated in summer camps over the last year • Over 600 youth have attended week-long and day camps and workshops in 2007 • Overnight programs were offered to scout groups, Jr. ROTC, and other youth organizations • A Robotics Club for children 9-14 years old was launched • Hangar One has almost 60% more exhibit space than the original facility • TASM has received certification from the National Museum of the United States Air Force and the National Museum of Naval Aviation, allowing TASM to receive artifacts and aircraft on loan from their collections • TASM maintains the Tulsa International Airport and Charlie Short collections, which focus on early Tulsa aviation • The “Be an Eagle” capital campaign raised over \$6.3 million for the museum and planetarium, including \$2 million in Vision 2025 funds for the planetarium construction • 3 staff have been employed continuously since TASM’s beginning • TASM’s annual budget has increased over 300% since relocating the museum to the new campus • TASM launched its first annual giving campaign in 2007 titled “1K Club” • TASM receives NO governmental support for operations

All this is made possible by our members, volunteers, board of directors, and dedicated staff. I have a favorite quote by Henry Ford, “Whether you think you can, or whether you think you can’t, you are right!” I know we can! Thank you for your support to continue allowing TASM to make a difference in our community. – Katheryn Pennington

MEMBERSHIP FORM

Free Hangar One admission for an entire year! • Express entry during regular hours and special events • Subscription to “Taking Flight,” the Museum newsletter • Invitations to member-only previews and events • Discounts to Museum store, education classes, camps, Planetarium tickets, parties and more!



Return to Tulsa Air and Space Museum & Planetarium
3624 N. 74th East Ave • Tulsa OK 74115
Or join by calling 918.834.9900 x115

- | | |
|---|--|
| <input type="checkbox"/> Barnstormer – \$45 Individual
– one named member plus one guest each visit | <input type="checkbox"/> Dawn Patrol – \$60 Family
– two adults and up to six children in same household each visit |
| <input type="checkbox"/> Liberator – \$60 Grandparents
– two adults and up to six grandchildren each visit | <input type="checkbox"/> Lone Eagle – \$100 Individual Plus
– one named member plus two guests each visit |
| <input type="checkbox"/> Tomcat – \$150 Family or grandparent benefits
plus up to four guests each visit | <input type="checkbox"/> Please add # _____ additional
adult @ \$20 or child @ \$10 |
| <input type="checkbox"/> I am interested in becoming a volunteer at TASM! | |

New Member/Renewal will be in the name(s) of:

1. _____ 2. _____

Address _____ City _____ State _____ Zip _____

Home Phone _____ Work Phone _____ E-mail Address _____

Names & ages of up to 6 children in household or 6 grandchildren 18 years and younger: _____

Check payable to Tulsa Air and Space Museum
 Visa MasterCard Card number _____ Expiration date _____
Signature _____ Total Amount \$ _____

Hours

Tues-Sat 10am-5pm
Sun 1pm-5pm
Mon Closed

Museum & Planetarium Combo Admission

Adults \$10
Seniors \$8
Military \$8
Students \$8
Youth 4-12 \$6
Children 3 & under Free
Members (Museum) Free
Members (Planetarium) Discount

For newsletter information, please contact
the Museum at 918.834.9900

TASMANIACS’ ROBOTICS CLUB GARNERS 1ST PLACE AWARD!

The FIRST Lego League has competitions in 22 different countries with thousands of participating students. On December 8, TASManiacs, the Tulsa Air and Space Museum’s own Lego Robotics Club, traveled to Arkansas for the regional championship competition. Matt Schmidkamp, Planetarium Presenter, is the club facilitator. In 2006, the TASManiacs began with one team. In 2007, sixteen students aged 9 to 14 formed two teams. In the finals, teams compete in three rounds of navigating their robots around a field with designated tasks to accomplish; a research project; and a single elimination playoff.



TASMManiacs showing off their award
with Coach Matt Schmidkamp.

Each club is responsible for building and programming their robot. The 2008 research projects were designed around “Energy Audits” of a local building with an emphasis on determining ways energy may be saved and other alternative energy sources may be employed. The TASMManiacs selected our Museum and Planetarium as their local building and presented their energy results to TASM staff at a Robotics Club meeting.

At the competition, TASMManiacs’ Red Team placed 13th in the preliminary round, and was then beaten in the playoffs by the team that took first place. The Red Team also garnered awards in other categories. The Purple Team made the top five in ‘Robot Dependability.’ Both teams placed in the top five for their creative presentations with the Purple Team taking first place for ‘Creative Presentation.’

Meetings for the TASM club begin in late August when the challenge rules and competition is announced. The season ends in December with the regional competition. The 2007 season was supported by the Rhoades Foundation. For more information about the club, contact **Matt Schmidkamp** at (918) 834-9900 x402.

www.TulsaAirAndSpaceMuseum.com

2008 BOARD MEMBERS

Larry P. Anduss,
Retired

Jim Bertelsmeyer,
Retired

Dr. Ray Booker,
Retired

Damon Bowling,
Spartan College of Aeronautics
and Technology

Jo Bright,
North Mabee Boys & Girls Club

Carlton Buford,
Williams Companies

Greg Colpitts,
The Colpitts Law Firm

Mike Cooper,
AT&T

Trey Cooper,
Adams Hall Asset Manager

Susan Eck,
Community Volunteer

John Esposito,
Espo Construction Co., Inc.

Mike Fine,
Fine Airport Parking, Inc.

Nan Gaylord,
NAN Enterprises

Eric Hansen,
BKD, LLP

Alexis Higgins,
Tulsa Airport Authority

Lee Hubby,
Retired

Dr. Kathy LaFortune,
Clinical Psychologist

Cliff Magee,
1st Law Source

Roy C. McGraw,
Spirit AeroSystems, Inc.

Dr. Tom McKeon,
Tulsa Community College

Bill Meyer,
Trust Company of Oklahoma

Lamar Miller,
ONEOK Energy Services

Frank Mitchell,
KTUL TV

Ed Nannelee,
Retired

Fred Parkhill,
Parkhill's Liquor & Wines

Lee Raney,
Retired

JoAnn Schaub,
Bank of Oklahoma

Tray Siegfried,
The Nordam Group

Barbara Smallwood,
Retired

Mary Smith,
Spirit Bank

Sherman Smith,
Retired

Dr. Gary Trennepohl,
OSU-Tulsa

René Witten,
Mingo Aerospace

TASM COMPLETES PLANNED GIVING CHALLENGE

The Tulsa Air and Space Museum successfully completed the Tulsa Community Foundation's (TCF) Planned Giving Challenge Grant in 2007. As of December 31, 2007, about 50% of 52 participating agencies had completed their challenge goals. TASM board chair William E. Meyer said, "We are honored to have achieved our goal because this campaign generated a possible future value of over \$160,000 for the endowment fund. Our future financial security is an on-going goal." TASM had to meet a present value adjusted goal of \$50,000 for the endowment challenge grant to trigger a current donation to operations of \$10,000 from TCF.

TCF launched this program in 2007 to initiate, teach and encourage personal and corporate giving to local charitable organizations. TCF wanted to help donors to develop a long-term giving plan while helping our museum and planetarium to meet board mandated philanthropic goals.

Generous donors to this campaign were Bill and Nina Meyer, John and Delta Esposito, Lee and Grace Raney, Charles and Katheryn Pennington, and BKD, LLP. If you would like more information about making a legacy gift to TASM, please contact Katheryn Pennington. Outside financial consultants are available for a complimentary appointment.

"A TICKET TO RIDE" — 10TH ANNUAL AVIATOR BALL 2008

Join Honorary Chairs Howard and Billie Barnett help TASM celebrate! Howard Barnett said, "This will be a fun evening benefiting an important force for math and science education in our community. In just over ten years, TASM has become a key contributor to our children's educational experience. Billie and I hope you will generously support this wonderful event, which is the primary fundraiser for the year." Our goal this year is \$200,000. TASM does not receive any public funding for operations. The Tulsa Air and Space Museum is a charitable organization per IRC S 501 (c)(3) and all donations are tax-deductible. For reservations and details call, (918) 834-9900 x112 or email kpennington@tulsamuseum.com

Exciting entertainment ★ Rousing live & silent auctions ★ Delicious appetizers, dinner & desserts provided by area restaurants ★ Complimentary wine & beer plus a cash bar ★ Black & White Casual or Military Dress Private sneak preview for selected Patron of the new Planetarium show premiering on June 1 ★ Patron Levels reserved seating for 8 guests



April 26, 2008 – 6:30p.m.

TASM's mission is to educate young people in math, science, and technology utilizing the aerospace environment. Proceeds from the Aviator Ball support the growing number of educational programs including school field trips, summer aerospace camps, mini one-day camps during school holidays, computer flight lab, youth organization workshops for merit badges and emblems, overnight camps, the Robotics club, lecture series, and traveling exhibits. Youth college-age and younger were the largest visitor segment in 2007, accounting for 59% of TASM's visitors. As the only physical science museum in northeast Oklahoma, we are serious about investing in the next generation. As TASM members, your support makes an impact!

Calendar of Events

SEE WWW.TULSAAIRANDSPACEMUSEUM.COM FOR DETAILS

MARCH

11th: A. Blaine Imel High School Art Competition, 7:30pm

17-19th: Spring Break – New exhibit previewing

17th: One-Day Spring Break Camp – "Out of Gas"

18th: One-Day Spring Break Camp – "Weather"

19th: One-Day Spring Break Camp – "Blast Off"

23rd: TASM Closed – Easter Sunday

APRIL

25-26th: Hangar One Museum closed to public for Aviator Ball (Planetarium open)

26th: Annual Fundraiser – Aviator Ball – "A Ticket to Ride", 6:30pm

MAY

TBA: New Planetarium show coming – "Secret of the Cardboard Rocket"

10th: Astronomy Day at the Planetarium

Reservations required for all One-Day camps; Grades 1-4; 9:00am - 4:00pm; Fee per day – Non-members \$35 & Members \$30. Before & After camp care available.

TULSA'S COMMUNITY SPIRIT

In many cases, children are introduced to museums for the first time through a field trip organized by their school. It may possibly be their first cultural experience. Thousands of students visit TASM throughout the school year. Their expressions when entering the museum or while watching a planetarium show are priceless and better than a thousand words! The number of questions generated in the science-related educational classes can sometimes be overwhelming.

Through the generosity of Spirit AeroSystems Inc., TASM will have a greater impact on the students' educational experiences. Spirit AeroSystems donated \$7,500 to the TASM education department to purchase items for classroom use. TASM's educators are excited about this opportunity and are incorporating more hands-on activities that stimulate an excitement for science. This donation gives the education department a chance to add a greater visual impact with a wow factor to the current curriculum. "We can offer new subjects designed to complement the objective of the public school's PASS objectives," said Kandi Kurt, TASM Education Director. We are fortunate to have a community partner like Spirit AeroSystems who values education in Oklahoma.

Providing school field trips to Oklahoma children is an important part of a child's informal education. In 2007, the Williams Foundation provided a \$4,000 Grassroots Education grant for 1,000 children from Oklahoma public schools that qualify for Title 1, free and reduced lunch programs.

The Cox Connects Foundation through a grant titled "Cox Connects Students to Science" provided educational programming for 1,250 students in their local service area to the museum and planetarium. Their investment in Oklahoma's youth provides for improving the quality of life that underscores the idea that working together makes a difference in the lives of their friends and neighbors. The TASM board, staff, and volunteers are thankful for these corporations and their employees.



Planetarium Director Chris Pagan with vacuum bell science equipment from Spirit AeroSystems grant.

EAGLE SCOUTS' PROJECTS SOAR

Since the beginning of 2007, three young men working towards the rank of Eagle Scout have completed projects at the Tulsa Air and Space Museum. Jordan Raley took on the task of building exhibit panels for the museum's



Sam Roark (center), his father and Kim Jones pose with the puzzle table that Sam built.

Oklahoma Centennial exhibit, 100 Years of Oklahoma Aviation. Frank Sawyer designed and built the Air Traffic Control panels for the museum's Kid's Space exhibit area. Sam Roark designed and constructed two aviation related puzzle tables and a magnetic airport table, also for Kid's Space.

These three young men had to organize their work crews, solicit donations of materials and funds, and complete their projects in the allotted time frame, all under the guidance of TASM Curator Kim Jones. "They all did an outstanding job on their particular projects. We are deeply grateful to them for selecting the Tulsa Air and Space Museum & Planetarium as the venue for their Eagle Scout projects", said Mr. Jones.

Would you consider a tax-deductible gift to TASM?

TASM receives no public funding for operation and 30% of needed revenue must be raised from non-operating sources such as annual donations, 1K club partners, exhibit sponsorships, and gift donations. The remaining 70% of the budget is from earned income through fees-for-services like admission and gift shop sales. Donations are tax-deductible, as TASM is a nonprofit 501(c)(3) educational organization.

CONTRIBUTIONS THROUGH JANUARY 31, 2008

In Memory of:

Col. John F. Loerch,
friend for 65 years
by: Carlyle & Anne Hussey

Col. John F. Loerch
by: Jan Hamm

Jennie Raney
by: Bill & Virginia Murphy

Bill Reif
by: Alden & Sarah Miller

Bill Reif
by: Jan Hamm

Col. John F. Loerch
by: Judge & Mrs. John Maley

In Honor of:

McDonnell Douglas Tulsa
by: MDT Retiree Group

Barbara Smallwood
by: Anne Ricketts

Barbara Smallwood
by: Linda LaSorsa

Mark Piersall
by: Baxter Thorman

General Donations:

Ray Booker
Donald & Carol Falletti
William J. Miller

New Corporate Members:

White Surveying Company