

WACO

AIRPLANES

Troy, Ohio

WACO

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WACO Historical Society Membership Form

YES! I am pleased to:
[] become a member of WACO Historical Society [] renew my membership in WACO Historical Society

[] Student \$15

[] Individual \$30

[] Supporter \$100

[] Benefactor \$500

[] Family \$45

[] Partner \$60

[] Contributing \$250

[] Life \$1000

Names on membership cards: _____
Please make checks payable to: WACO Historical Society Inc.
All memberships and donations are tax deductible.

[] I would also like to contribute an additional \$ _____ for the following:
[] Operations [] Special Events [] Learning Center [] Endowment Fund in memory of: (optional) _____

WACO Historical Society is a privately funded, nonprofit open to the public and dedicated to education. We depend solely on your contributions and membership fees, as well as interest from our endowment, program fees and grants. Family Memberships cover parents and children or grandchildren of the members. Members receive:

- Free Admission to the WACO Air Museum and discounts on events throughout the year.
- Use of the Museum Library.
- Quarterly WACO Word newsletter informing you of WACO Historical Society/ Learning Center activities, WACO aircraft news and previews and reviews WACO Air Museum exhibits and programs.

[] I would like to volunteer my time at WACO in the following ways;
[] Museum, [] Aircraft Restoration, [] Special Events, [] Learning Center
[] other _____

Name(s): _____
Address: _____

Phone: _____
E-mail Address: _____

Please send to:
WACO Historical Society
1865 S. County Rd. 25A
Troy, OH 45373

For Office Use:
Date Received: _____ Amount: _____
Check Number: _____ MCS: _____

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www.wacoairmuseum.org

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Spring 2013

Did You Know? **WACO's First War Baby**

We have come across the original WACO Words and thought it would be interesting to revisit what was being published back then.

This article is from April 1943.

Here's a photograph we know Waco employees will treasure. This unusual picture shows air-borne troops about to enter the XCG-3, Waco's "First-born" war glider.

Back in April 1941, the Waco Aircraft Company was given a contract to design and fabricate a 9-place troop carrying glider which was to be used as a trainer and a 15-place troop and cargo carrying glider which was to be used as a service unit. This important creative assignment fell to three of our skilled engineers - A. F. Arcier, the Designer and Chief Engineer; M. P. Baker, Waco's Assistant Engineer and F. A. Dobson, Project Engineer.

By November 1941, Mr. Arcier's designs were completed and were soon in the hands of the prime sub-contractors who started to produce America's first freight trains of the air.

This wasn't the first time that Waco had manufactured gliders, for back in 1931 the Troy plant, then just ten years old, created a glider to supply the demand of the sportsman. Waco made three hundred of these soaring craft and sold them for \$385 each.

These first gliders, the sportsman's toy

of a decade ago, soared the upward currents of the air and provided thrills and keen fun for all. It was some of the best kind of flight training, and besides being a lot of fun gave many a man his first lesson in flying. Waco little dreamed that these 1931 gliders would some day become the fore runner of such important instruments of war as troop and cargo carriers.

The glider picture is quite a simple one. Like the locomotive of a train, the powered plane can tow much more than it can carry. Take one powered plane and tow three gliders and you have a glider train of infinite value. Fully loaded gliders can easily be carried at the desired altitude, released some distance from the objective under cover of darkness, and can land without attracting the attention of the enemy.

Gliders have a very definite advantage over parachute landings in as much as they can reach their destination with full equipment. Food, ammunition, guns and even jeeps and tanks can be carried to points inaccessible through ordinary methods of land or water transportation and, of course, are built at a fraction of the cost of transport planes.

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A Word from the Director

by Gretchen Hawk, Executive Director

WACO is starting off 2013 with a bang!

We celebrated our Grand Re-Opening on March 1 with an Open House featuring the aviation photography of Mike Ullery.

Ullery has served as staff photographer for the National Aviation Hall of Fame, which has brought him into contact with many of the most legendary figures in aviation history.

Along with having his photos on display and for sale, Mike talked about his adventures with these famous aviation pioneers. The photos will continue to be on display through the spring.

This season we will be offering bi-plane rides at least 4 different weekends. The Gentlemen of the Road Stopover World Tour has selected Troy for one of its locations and WACO

will be the Park-N-Ride location for that event. GOBA (Great Ohio Bicycle Adventure) will stop in Troy for their 25th Reunion Tour in June and family friendly activities are in the works at the field. We are also hosting the IH Scout Annual Gathering and are expecting Scout enthusiasts from all over the country for this 3 day event.

The Learning Center is in full swing with monthly speakers and many opportunities for kids to interact with aviation history and hands-on activities.

Whew! We are excited and looking forward to all the new visitors and publicity these events will bring to WACO.

Come join us!



Tom Eagan is excited about winning the Door Prize at the Grand Re-Opening event. It is a picture of the Thunderbirds taken by Mike Ullery.

WACO Trustees 2012-2013

President

David Bucher.....david.bucher@covad.net

Vice President

Don Delcamp.....jdelcamp@woh.rr.com

Executive Director

Gretchen Hawk.....execdirector@wacoairmuseum.org

Treasurer

Don Willis.....eaglenestventure@aol.com

Recording Secretary

John Schilling John.schillingwaco@yahoo.com

Trustees at large

Jim Pelton jpelton@accesstoledo.com

Les Howe vhowe216@gmail.com

John Schilling John.schillingwaco@yahoo.com

Greg Leach Pleach2@woh.rr.com

Patty Wagner NC7444H@aol.com

Ken Ott kenott@emnorth.com

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WACO Word

Gretchen Hawk



THANKS TO OUR SPONSORS AND SUPPORTERS

WACO could not function without the financial and in-kind support of our corporate and foundation sponsors. These companies and charitable foundations provide vital support in many tangible and intangible ways for WACO's mission of historic preservation, education and community service. On behalf of the board and the community...we thank you.



Aviation Summer Camp 2013

WACO is proud to once again offer the one week Aviation Summer Camp to children in grades 4 to 6. It will be held the week of June 24 to 28, 9 a.m. to 3 p.m. daily. This exciting camp promotes learning about aviation through many hands-on activities such as building and flying kites, gliders, hot air balloons, rubber band-

powered airplanes, and rockets. Campers will have the option to ride in a full-scale airplane. They will fly radio control airplanes and airplane simulators. Scholarships and tuition will cover the costs of supplies, lunches, and snacks. The cost of the camp will be \$230.

Donations for a camp scholarship are still needed. The scholarships are offered to deserving students who are interested in aviation, but do not have the ability to pay for the camp.

To make a donation, please send a check for \$230 made out to WACO Historical Society. Thank you very much to our past sponsors that have made this great program possible!



NASA Teacher Workshops to be held at the WACO Air Museum in March

Two teacher workshops are being offered to elementary and middle school teachers on March 18 and 19. The instruction is provided by a NASA education specialist and funding is provided by the Hartzell Norris Foundation. The first day will focus on Climate Change and Remote Sensing; the second day focuses on mathematics used for air traffic control. WACO Historical Society is proud to continue offering these popular, quality teacher workshops and appreciates the support given by NASA and the Hartzell Norris Foundation.

WHAT'S HAPPENING AT WACO

Adult Lectures Focus on Aviation and History Themes

WACO Air Museum has hosted a number of great speakers this fall and winter, and the attendance at the lectures continues to increase.

The lecture season continues on March 20 with speaker Walt Hoy who will talk about his personal experience with recovery of spy satellites in the air.

The April speaker will be Troy native Robert Supinger, an Air Force veteran who was a flight engineer during the Berlin Airlift that provided much needed supplies and food to the starving people in Berlin during the Soviet Union blockade after World War II.

Thank you to our speakers, Susan Richardson, Phil Marshall, Dale Peterson, Gailard Ketcham, Charlie Baker, and Jack Mecham for the informative and interesting presentations. Most of these programs can be seen on the KIT-TV website, <http://kittv.pegcentral.com/>.



Gailard Ketcham, Charlie Baker



Jack Mecham



Phil Marshall



Walt Hoy, Don Willis, Susan Richardson



Dale Peterson

Civil Air Patrol Change of Command

On January 15, Dayton Aero Cadet Squadron 706 hosted a Change of Command Ceremony. Congratulations to the new commander, Captain Seth Nottingham.

Thank you to the outgoing commander, Major Justin MacKellar for your time and effort leading the squadron located at WACO Air Museum.

CAP helps with parking for big events held at Historic WACO Field, and they help to maintain the facilities.



Barnstormers (Radio Controlled Aircraft)

When you drive by WACO field and you see vehicles parked near the wind sock, do you ever wonder what is going on out there? It's probably members of the WACO Historical Society's R/C Barnstormers. Our club members fly radio controlled aircraft and helicopters.

We have been a part of the organization for more than 15 years and share the airfield with full-scale pilots nearly year round. WACO field provides a near-obstruction free airspace for all aviation enthusiasts to enjoy.

During the active flying season, our members can be seen flying aircraft that are powered by electric, alcohol/nitro methane, gasoline and even kerosene-based turbine power plants. The wingspans can range from 1 to 10 feet or more.

This flying season, our membership will be able to enjoy the new 20' by 32' covered picnic shelter adjacent to R/C parking area.

To fly radio control aircraft at WACO field, you must be a WACO Historical Society member and hold a

valid AMA membership.

AMA stands for Academy of Model Aeronautics. It is a world-class association of modelers organized for the purpose of promotion, development, education, advancement, and safeguarding of modeling activities.

The Barnstormer annual membership fee is \$10.00. To learn more about the AMA, please go to www.modelaircraft.org.

If you see us flying, stop in and say hello!

2013 is shaping up to be another busy year of events and flying at Waco. We expect to host the largest number of people in the history of Waco Field this summer. It is safe to say that from May to September, Troy will host 40,000 visitors and half of those will visit Waco Field.

Troy will again host GOBA (Great Ohio Bicycle Adventure) for a few days in June. GOBA brings to host towns hundreds of bicycle riding families who spend one to two days camping in the host town's parks. Each day there are ride outs from the host town to local spots of interest. Waco is one of the main attractions bringing GOBA back to Troy for the third time.

We have a new event coming to Waco this year which is the International Scout Truck meet. Planning for this event is underway now and it looks like the meet has the potential to be the permanent replacement for the Military Show that was held at Waco for 3 years. The event sponsors are expecting a large

TOP WING BY DAVID BUCHER, PRESIDENT



crowd with over 100 Scouts on display along with several vendors offering Scout replacement parts and merchandise.

Ever heard of the band Munford and Sons? This band and several others are coming to Troy over Labor Day weekend and the event planners are expecting to park over 8000 cars at Waco Field. We will be paid for the use of the facility but more importantly parking at Waco will introduce many people to the museum and history of Waco

who have never been exposed before.

And of course Waco Field will once again be the host site of the annual Fly-In. This year's event will be the 16th that has been held on Waco Field. Where has the time gone? Each event brings people to the Museum to learn of Waco's history and many times spreads the knowledge of this history well past the borders of Ohio.

Hope to see you this summer!

Welcome to the WACO Family

Our New Members:

Rod & Mary Cox	Union, OH
Brent Gerrity	Troy, OH
David Smith	Libertyville, IL
Dan Mortensen	Union, KY
Steve Kerce	Troy, OH
Don Grundstrom	Eldridge, IA
Michael Schnell	New Bremen, OH
Doug Tremblay	Troy, OH
Scott Rodriguez	Piqua, OH
Michael Fisher	Bradford, OH
Edward Miller	Santa Rosa, CA
Peter Bowers	Portage, MI
Lynn Brukner	Norman

Wish List

WACO always has things that we would love to have but can't always afford to purchase.

We are currently looking for:

A newer microwave
A truck (pick up, or small box type)
Folding chairs

We are sorry to report the death of member Paul Bradley of Vandalia in November 2012.

A BIG Thank You to our Recent Monetary Donors

Don & Jane Delcamp
Rod & Mary Cox
Ted Keith
John Hery
Bill & Donna McGraw
Norman Gross
David Smith
Bob & Patty Wagner
Bruce Lawton
Phil Marshall
Don & Pat Willis
Ken Ott
Michael Schnell
Paul Perrone
Peter & Angela Bowers with WACO Classic
Scott Rodriguez
Dales Service Center of Troy for fixing a tail wheel
Dan Barry Theatres for donation of popcorn

We also received donations from UTC (formerly Goodrich) employees Michael Fisher, Alfred Rizkallah & Jeff Huntsman. These donations are a 3-1 company match. **Check to see if your company will do matching donations.**

Two WACO Robotics Teams Earn a Trip to State Competition

Congratulations to the "Wacko WACO Walking Tacos" LEGO's Robotic Team and the "WACO Aerobotics" First Technical Challenge Team for qualifying for State competition in their respective Robotics Leagues! The WACO Robotics program had a record setting year with the large number of participants on five teams. The coaches deserve our appreciation for the many hours they spent helping the children learn about engineering, teamwork, problem solving, presentation skills, and creativity.

Robotics sponsors were Hartzell_ Norris Foundation, Crown Corporation, United Technology Corporation and Centerior Corporation.

The coaches were Phil Detweiler, Jeff Newcomer, Wade Campbell, Kyle Rader, Tony Castaneda, Don Fields, Paul Mahaffy, and Rich Hinten.

Many thanks to our sponsors and coaches!



Both of the teams that qualified for state competition received trophies for design awards; these trophies are displayed in the trophy case in the museum. It was a great season for robotics at WACO this winter!

Treasurer's Financial Report on 2012, by Don Willis

I thought it would be appropriate to update WACO's members on the financial condition of WACO as we end 2012 and begin a very busy year in 2013.

WACO is ending a very active period of building and growth. Since 2009 WACO has constructed the WACO museum building light tower, memorial patio, the paved parking lot with lights, refinished of the barn, constructed of the picnic shelter and RC aircraft sun shelter and built the Quonset hangar. Our facility is now in tip top shape and we are able to offer year round programs and activities.

This is paying dividends in 2013 as WACO has booked several large events which will generate revenue for WACO and support our triple goals of historic preservation, education and community service.

Balance Sheet: WACO ended 2012 with a strong balance sheet; assets of over \$1.7 million and liabilities of \$355K. Over \$1.1 million of WACO's asset value is in fixed assets (land and buildings), and we have an additional \$375k in inventory/artifacts.

Our cash stood at \$243k, but about \$203k of that is restricted to ongoing programs of building or the learning center. So our unrestricted cash stood at about \$40k. WACO's only large liability is the mortgage which stood at \$221k.

Income generation: Our income in 2012 was about \$158k and came from grants (43%), events-rides (19%), giftshop (12%), corporate sponsors (10%), fees and museum admissions (9%), dues and member donations

(5%), misc (2%). In the future we are planning to drive this to more self-generated (giftshop, events, rides, facility use) income and less grant dependency. The goal would be to have no more than 25% of our income from grants.

Expenses: WACO operates on a budget (excluding capital improvements) of about \$125k per year. WACO's expenses are mostly due to debt service (10%), building expenses (24%), salaries (27%), administrative and advertising (14%) and cost of rides and inventory (19%).

Our paid staff consists of the Executive Director (half time), the Learning Center Director (half time), and two museum monitors (about 4 days per month each). All the rest of the WACO mission (field maintenance, building maintenance, administration and treasury, event participation, Learning center programs, etc.) is accomplished by volunteers. We can't thank you enough for your dedication.

2013 Challenges: We have one unusual financial challenge in 2013: protection of our use of WACO airspace by securing the land on the south approach of the airfield. As some of you recall, this land on the Runway 36 approach is an EPA superfund site which has been in cleanup and remediation for the last 12 years. It is managed by the EPA and this year the EPA will seek to find a buyer for the property.

The WACO board has decided that we must be prepared to protect our airspace from possible

incursion, which may include purchase of the property.

An appraisal has not been completed by the EPA yet, and the land has obvious problems for many uses due to its history and the ongoing EPA requirements, but it would be useful to WACO to protect the approach to our existing runway and for a runway extension at some time in the future.

So stay tuned as we learn more about this development.



"Wings on Strings" Family Kite Fly

Historic WACO Field will once again be filled with kite-flying enthusiasts this coming May 5th from noon to 3:00 p.m. Adults and children are invited to build and fly a kite; all supplies are provided along with instruction.

The Troy Noon Optimist Club is sponsoring this fun-filled event.

WACO Upcoming Dates & Highlights

- April**
 - 12-14th Boy Scout Camporee
 - 24th Adult lecture – Berlin Air Lift
- May**
 - 5th Kite Fly – Sponsor Troy Noon Optimists
 - 6 & 7th Van Cleve 6th grade field trip
- June**
 - 1 & 2nd Strawberry Festival – WACO rides
 - 16 & 17th GOBA – WACO rides
 - 21st SOAR Program at Dayton Airshow
 - 24-28th Aviation Summer Camp
- July**
 - 15-19th Robotics Camp
- August**
 - 9-11th IH Scout/Light truck Nationals
 - 12th Miami Co Fair kids event
 - 24th DREAM – Dog event
 - 30 & 31st Mumford & Sons –Park N Ride location
- September**
 - 13-15th WACO Fly-In
 - 21st Barnstormers Fly-In

Home School Students

Participate in the WACO
3-2-1 Liftoff Program in February 2013.

