



Dayton's National Park

The official newspaper of
Dayton Aviation Heritage
National Historical Park
Issue no. 7, 2011



The Wright Brothers in 1911

Wright School of Aviation Canadian pilots gather in front of a Wright flyer.

1911: A Prosperous Year

Nineteen-eleven proved to be the best year for the Wright brothers as businessmen. By 1911 the Wright Company, based in Dayton, was building airplanes, operating a flying school, and managing an exhibition department. The Wrights also sold licenses for airplane production and the use of their patents to several overseas manufacturers.

Profits from this business allowed the brothers to begin planning the construction of a new family home, Hawthorn Hill, in suburban Oakwood. The Wright Company was at its zenith.

Wright Company Factory

The summer of 1911 saw the completion of the Wright Company factory, on the edge of town along West Third Street. Workers used the 22,000 square feet of floor space to build the company's most successful flyer, the Model B. Most of the one hundred Model B flyers made at the factory went to the U.S. Army and Navy. The Navy's Wright B was fitted with pontoons, creating one of the first seaplanes. Production of the Model B wrapped up by the end of 1911. Every Wright airplane sold qualified the buyer to receive flight training.

Flight School

The Wright Flying School located on Huffman Prairie was one of the first flying schools in the world. Among its famous graduates were H. H. "Hap" Arnold, the commander of American air forces in World War II; Calbraith "Cal" Rodgers, the first person to fly from the Atlantic coast to the Pacific; and Roy Brown, the Canadian pilot the British Royal Air Force credits with shooting down the Red Baron. Arnold and Rodgers were 1911 graduates of the school.

Wright Company Exhibition Department

Huffman Prairie was also a base for the Wright Company's Exhibition Department. In an age when few had seen an airplane fly, people flocked to air shows to see them flown by young, devil-may-care men. The Wrights did not favor the daredevil acrobatics common in exhibition flying, but they reluctantly allowed the Wright Company to enter air shows and exhibitions to create interest in flying and in Wright Company airplanes.

By 1911, however, a cloud had settled over the Wright aviators, with the deaths of two company pilots the previous year. Moreover, exhibitions were not resulting in additional sales.

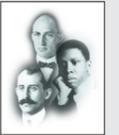
The last major meet for the Wright aviators occurred in Chicago in August, and the department disbanded in November 1911. In its two years of existence, the Wright Exhibition Department set several altitude records and short-lived records for endurance.

A Return to Gliders and to Kitty Hawk

The Wrights, who made extensive use of gliders in their experiments before 1903, returned to gliding and Kill Devil Hills, North Carolina, in October of 1911. Orville used a new glider to test a new device under development, an automatic stabilizer for airplanes.

During this trip, Orville became the first person to climb a glider to an altitude higher than its takeoff point. He also set a world-record gliding flight time of 9 minutes and 45 seconds on October 24, 1911. This stood as the world's record for a glider flight for ten years. Many people in the modern sport of gliding mark Orville's 1911 flights at Kill Devil Hills as the beginning of their sport.

WELCOME!



The National Park Service is our nation's Department of History. While many Americans associate the Park Service with the preservation of natural places, few realize that almost two-thirds of the 394 national parks were designated specifically to preserve an important aspect or moment in our nation's history. Several of these stories are told in the Dayton area: the beginning of the aviation age; the struggle for racial equality; and outstanding contributions to American literature. Dayton Aviation Heritage National Historical Park is the national park preserving Dayton's contribution to our nation's history and the stories of three Daytonians that helped shape our world.

The Wright brothers, Wilbur and Orville, through their invention of powered flight, created one of the most important achievements of the 20th century. Paul Laurence Dunbar, an African-American writer and poet rose, from a poor childhood to international acclaim as a voice for equality and justice.

Join us in commemoration of the 100-year anniversary of the Wright Company's flying school at Huffman Prairie Flying Field, and for our daily ranger programs for all ages. See details inside.

You are invited to visit all of our five sites: Carillon Historical Park, Hawthorn Hill, the Dunbar State Memorial, the Wright-Dunbar Interpretive Center, and Huffman Prairie Flying Field and Interpretive Center.

Enjoy your visit!

The Staff
Dayton Aviation Heritage
National Historical Park



TRIP PLANNER

Your Itinerary

When it comes to invention, innovation, arts, and literature, there are many places to visit in the Dayton region.

Depending on how much time you have during your visit, use our trip planner and develop your own itinerary.

For more information, ask a park ranger, visit us at www.nps.gov/daav, or go to the Dayton Montgomery County Convention & Visitors Bureau's website at www.daytoncvb.com.



Use your smart phone enabled with a QR Code reader application to scan the barcode and go directly to our mobile microsite.

1-Day Visit

Day One

Wright Cycle Company Complex
Wright-Dunbar Interpretive Center
Aviation Trail, Inc. Visitor Center
The Wright Cycle Company (2 hours)

Huffman Prairie Flying Field Interpretive Center,
Huffman Prairie Flying Field and Wright Memorial (2 hours)

Other Options include:

- John W. Berry, Sr. Wright Brothers Aviation Center at Carillon Historical Park (1.5 hours), if you include a tour of Carillon Historical Park (4.0 hours)
- National Museum of the United States Air Force (4 to 8 hours)
- Hawthorn Hill mansion (2 hours - visitation requires reservations)
- Paul Laurence Dunbar State Memorial (1 hour - visitation requires reservations)

2-Day Visit

Day One

Wright Cycle Company Complex
Wright-Dunbar Interpretive Center
Aviation Trail, Inc. Visitor Center
The Wright Cycle Company (2 hours)

John W. Berry, Sr. Wright Brothers Aviation Center at Carillon Historical Park (1.5 hours);
(including Carillon Historical Park (4.0 hours)

Day Two

Huffman Prairie Flying Field Interpretive Center,
Huffman Prairie Flying Field and Wright Memorial (2 hours)

National Aviation Hall of Fame and National Museum of the United States Air Force (4 to 8 hours)

3-Day Visit

Day Three

Options for travel farther afield include:

The Wright B Flyer (1.5 hours)
Approximately 12 miles south of Dayton on Route 741.

WACO Airfield & Museum (1.5 hours)
historic WACO Field is located in Troy, Ohio -- 22 miles north of Dayton, and about 10 miles north of the intersection of I-70 and I-75. Take I-75 to Exit 69.

Armstrong Air & Space Museum (4 hours - includes travel time to and from Dayton)
Approximately 60 miles north of Dayton. Take I-75, Exit III.

Grimes Field & Champaign Aviation Museum (3 hours - includes travel time to & from Dayton) 35 miles NE of Dayton on U.S. 68 North of Springfield.

Family Programs, 2011

Children must be accompanied by an adult at ALL programs listed.

The Wright Cycle Company Complex

Wright-Dunbar Neighborhood
Walking Tour
10:30 am
Daily from Memorial Day to Labor Day

Learn about the history of the Wright-Dunbar Village, the history of West Dayton, and neighborhood of the Wright brothers on a ranger-led tour.



Huffman Prairie Flying Field Interpretive Center

Wright Memorial Ranger Talk
1:00 pm
Daily from Memorial Day to Labor Day
Discover the past and present of the site. Topics include the ancient past of the grounds, the memorial, the conservancy district and the development of the air base.

First Flight Ceremony
10:00 to 10:35 am
Saturday, December 17, 2011
Celebrate the 108th anniversary of the first flight.

Huffman Prairie Flying Field

Ranger Talk
10:30 am except Wednesdays
Daily from Memorial Day to Labor Day (except when the flying field is closed)
Ranger-led talks explore the site where the Wright brothers developed the world's first practical airplane and their flying school. Call the Interpretive Center 937.425.0008 for current time and dates concerning field operations.



Future aviators on the Wright B flyer simulator.



These ladies were not just your average fashion trend setters, they also wanted the right to vote.



rie Flying Field Interpretive Center. At the desk you will be given a Junior Ranger booklet. It's fun, FREE, and easy! So come and join a growing group of young people who are interested in the world around them and involved with their nation's heritage, and become qualified as a Junior Ranger.

Each participant can receive a special Junior Ranger badge at each location and have an official park ranger sign their certificates after they have completed the required activities. Children must be accompanied by an adult. For more information and directions call 937.225.7705 or 937.425.0008.

Get your NEW Junior Ranger Booklet!



Beginning May 13-15, 2011, Dayton Aviation Heritage National Historical Park is launching a NEW Junior Ranger booklet!

Being a Junior Ranger is a great way for your child to become involved with your National Park. It is also a great way for the entire family to learn more about Dayton's only National Park and about the National Park Service.

All interested future Junior Rangers, between the ages of 6-12, should report to the Wright-Dunbar Interpretive Center or the Huffman Prai-

Wright-Dunbar & Aviation Trail, Inc. Events

Wright-Dunbar, Inc.



Urban Nights
5:00 - 10:00 pm
Friday, May 13 and Friday, September 16, 2011
Various locations along West Third Street (between Broadway and Williams).
Cost: FREE
Call 937.224.1518 x229 for more information.

Aviation Trail, Inc.



108th Anniversary of Flight Celebration
6:00 pm, Saturday, December 17, 2010
National Aviation Hall of Fame 2011
Inductee Announcement
Reservations required.
Call 937.434.9108 or 937.275.5271 for details and reservations.

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2011 Speakers Series

Our Aviation Heritage Speakers Series continues its 2011 season with presentations from Paul Glenshaw, Tom Crouch and Dawne Dewey.

This series is designed to offer the public a variety of knowledgeable speakers addressing topics related to aviation history through engaging discussion and firsthand accounts.

All of these talks are on Wednesdays at 7:00 pm at the Engineers Club, 110 East Monument Street in Dayton.

These events are free and open to the public. Seating is on a first come, first served basis. For more information about these talks and other future speakers coming to the Engineers Club, call Dayton Aviation Heritage National Historical Park at 937.225.7705 or 937.425.0008.

1911: The Rise and Fall of the Wright Exhibition Team
Paul Glenshaw – Filmmaker
May 18, 2011, 7:00 – 8:00 pm

Filmmaker Paul Glenshaw traces the short life of the Wright Exhibition Team. Drawing from both well known and recently discovered Wright Team collections, Glenshaw depicts the team's members as real people, fighting their own conflicting motivations as much as their competitors.

1911: The Legacy of the Wright School of Aviation

Tom Crouch -- Curator, National Air & Space Museum
July 20, 2011, 7:00 – 8:00 pm

Tom Crouch, will tell the Cal Rodgers story who took off from Sheepshead Bay, New York, in a Wright EX on September 17, 1911, intent on capturing a \$50,000 prize being offered to the first aviator to fly from coast to coast in less than thirty days.

Soaring at Kitty Hawk, 1911: Buster's Vacation

Dawne Dewey - Head of Wright State University's Special Collections and Archives
October 19, 2011, 7:00 – 8:00 pm

Orville's brother, Lorin Wright, and Lorin's son, Horace "Buster" Wright, accompanied Orville to Kitty hawk in 1911. Drawing from an album of photographs, newspaper accounts, and Buster's own reminiscences, Dawne Dewey, will focus on the experiences of a young boy and his adventure on the dunes of Kitty Hawk with his famous uncle Orv.

HEY KIDS!
YOUR school group is invited to visit and explore our park and learn about three great men from Dayton, Ohio -- Paul Laurence Dunbar, Wilbur Wright, and Orville Wright, and about their families, too. For more information about programs offered, or to make a reservation, contact Karen Rosga, our Education Technician, at 937.225.7705.



2011 Bike-With-A-Ranger Rides

Come join us for a bicycle tour of historic Dayton with Bike-with-a-Ranger 2011. Sponsored by the National Park Service, this is a great way to explore Dayton's history and learn more about the Wright brothers and Paul Laurence Dunbar. Choose from two bicycle programs this year.



Bike-with-a-ranger tours are a fun way to learn about Dayton history.

Creative People – Creative City: Innovative Dayton's Historic Roots NEW!
June 5, July 10, August 7
8:30 am – 12:30 pm (4 hours)

This tour stops at locations that tell the story of Dayton's creative roots in the early 20th century. Homes include Orville Wright's mansion, Hawthorn Hill; Patterson Homestead, birthplace of NCR founder John H. Patterson; and the Paul Laurence Dunbar State Memorial, the last home of the famous poet.

The tour begins and ends at the Wright-Dunbar Interpretive Center, 16 S. Williams St., next to the Wright Cycle Shop.

(NOTE: This bike ride can be challenging to some since it is along urban streets and crosses hilly terrain.) Pre-registration is encouraged by calling 937.225.7705. ext 231.



Cyclists visit the Wright Cycle Company during a Bike-with-a-ranger tour.

Huffman Prairie & Historic Patterson Field
June 12, July 17, and August 21
8:30 am – 12:30 pm (4 hours)

Discover how one of the largest aviation complexes in the world, Wright-Patterson AFB, began as an 84-acre cow pasture just a few miles northeast of Dayton. This bicycle ride will lead to Huffman Prairie Flying Field and historic Patterson Field (present day Wright-Patterson AFB, Area A). Due to Air Force security requirements, all participants must register at least seven days prior to the tour. No exceptions! The tour will start and end at Wright Memorial Hill, located close to the intersection of State Route 444 and Kauffman Road, just 1.5 miles east of the National Museum of the United States Air Force, at Huffman Prairie Flying Field Interpretive Center, 2380 Memorial Rd., Wright-Patterson AFB, OH 45433. Please register by calling 937.225.7705. ext 231 and ask for Ranger Mark.

Tours may be cancelled due to inclement weather. Participants are required to bring their own bicycles and personal gear, including snacks and/or lunch. Helmets are required. For the latest information check our website at www.nps.gov/daav or call 937.425.0008.

Dayton Aviation Heritage National Historical Park Sites and Partners

The Wright Cycle Company Complex

Wright-Dunbar Interpretive Center & Aviation Trail Visitor Center
The Wright Cycle Company Building
16 South Williams, Dayton, Ohio 45402
937.225.7705 (National Park Service)
www.nps.gov/daav
937.443.0793 (Aviation Trail, Inc.)
www.aviationtrailinc.org
Free Admission
Hours: 8:30 am to 5:00 pm daily
Closed -- Thanksgiving,
December 25 & New Year's Day

Huffman Prairie Flying Field Interpretive Center

2380 Memorial Road
(opposite the Wright Memorial,
off Kauffman Road and State Route 444)
Wright-Patterson AFB, Ohio 45433
937.425.0008
Free Admission
Hours: 8:30 am to 5:00 pm daily
Open to 6:00 pm daily
Memorial Day to Labor Day
Closed -- September 17 (USAF Marathon),
Thanksgiving, December 25, & New Year's Day



The Wright Memorial tour.

Huffman Prairie Flying Field

Gate 16A off of State Route 444
Wright-Patterson AFB, Ohio 45433
Hours: 8:00 am to 6:00 pm
Open Thursday to Tuesday
Closed Wednesdays,
June 11 and September 18 (USAF marathon),
and subject to closure due to base operations.



Visitors on the front porch ready for a tour of the house.

Paul Laurence Dunbar State Memorial

219 North Paul Laurence Dunbar Street
Dayton, Ohio 45402
937.224.7061
www.daytonhistory.org
Hours vary, call for current information.

The museum, managed by Dayton History, will be open for pre-arranged tours each week on Thursday, Friday and Saturday at 11:00 a.m. and 2:00 p.m., with other times available by advance arrangement. Call 937-313-2010 for your reservation. Admission: \$6.00 per adult and \$3.00 per child.

John W. Berry, Sr. Wright Brothers Aviation Center

Carillon Historical Park
1000 Carillon Boulevard
Dayton, Ohio 45409
937.293.2841
www.daytonhistory.org
Hours: Monday-Saturday 9:30 am-5:00 pm
Sundays 12:00 pm-5:00 pm
Admission: \$8.00 Adults
\$7.00 Seniors
\$5.00 Children (3-17)
Free to Members & Children under 3
Closed: Thanksgiving, December 24 & 25
and New Year's Eve & Day.

Hawthorn Hill Tours
Hawthorn Hill tours are managed by Dayton History and conducted on Wednesdays and Saturdays with advance, prepaid reservations. Tours depart Carillon Historical Park via shuttle van at 10:00 and 12:30. Admission: \$12.00, or \$15.00 for admission to both Carillon Historical Park and Hawthorn Hill. For more information or to make your reservation call: 937.293.2841 or toll-free at 1.877.BE.HISTORY.

Dial and Discover! Cell Phone Audio Tours

The park's cell phone audio tours, is a fun way to learn about the Wright brothers and aviation sites in the Dayton region. Just dial 937.401.9985 and press the specific stop number to listen to park rangers discuss the significance of such local resources as the Wright Cycle Company building, Huffman Prairie Flying Field, the Paul Laurence Dunbar State Memorial, the Wright Flyer III airplane, or the Engineers Club of Dayton. You can call at any time of the day or night.



For more information about the various tour stops, stop by the Wright-Dunbar Interpretive Center, the Huffman Prairie Flying Field Interpretive Center, Carillon Historical Park or the Paul Laurence Dunbar State Memorial.

This cell phone audio tour program is sponsored by the NPS. There is no cost associated with the calls other than the cost of the minutes allocated with your cellular telephone plan.

Earn a Wilbear: The Sky's the Limit!



The world's aviation story is not complete without a visit to Dayton, the birthplace of aviation. Begin an exciting journey as you race to Dayton's amazing aviation places. You'll find the sky's the limit in our community when it comes to innovation, inspiration, discovery and educational fun. "Wilbear Wright" (an indirect descendant of Wilbur and Orville Wright the inventors of powered, heavier-than-air, human-controlled flight) is eager to belong to YOU. Just tour and obtain a passport stamp at the National Park Service's Wright-Dunbar Interpretive Center and a minimum of five of the remaining amazing aviation sites listed to redeem your passport for your very own "Wilbear Wright" aviator teddy bear.

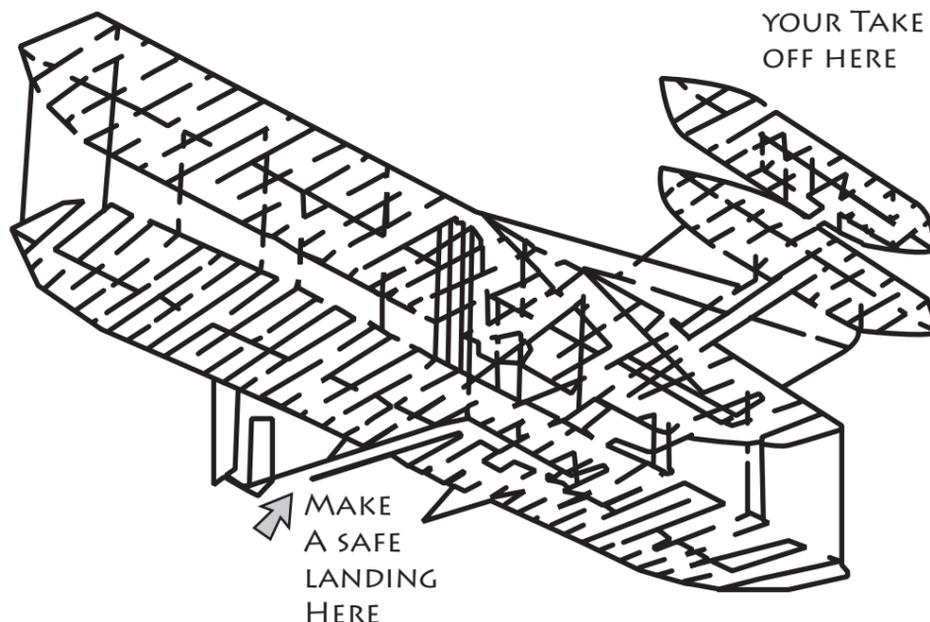
Start today: it's top-flight fun!



For additional travel planning information contact the Dayton Montgomery County Convention & Visitors Bureau at www.daytoncvb.com or the National Park Service at www.nps.gov/daav or visit Wilbear on Facebook at Wilbear.Dayton.



An A-mazing Flyer



The Flight of the "Vin Fiz"

A specially-built Model EX named the "Vin Fiz" (for a soft drink bottled by Cal Rodgers' sponsor, Armour & Co.) was built in Dayton at the Wright Company factory in 1911. Cal Rodgers, a graduate of the Wright Flying School, used this airplane in his 1911 attempt to be the first pilot to complete a cross-continent flight. He sought to win the \$50,000 Hearst Transcontinental Prize that would be awarded to the first person to fly across the continental United States in fewer than thirty days. Rodgers and two others attempted the flight. Rodgers was the only one to complete the journey.

Rodgers' cross-country trek was supported by the Wright Company and was shadowed with a three-car train arranged by Armour that included mechanic Charlie Taylor, the builder of the Wrights' original engine; a machine shop; and a large stock of spare parts.

Rodgers left New York's Sheepshead Bay on September 17, 1911. His trip involved sixty-nine stops, and at least sixteen crashes. Rodgers reached Pasadena on November 5, forty-nine days after he left New York. While Rodgers flew across North America, he did not win the Hearst prize as his attempt took too long.



Setzer and Hoover Block Buildings get a face-lift!

These are the current façades of the Setzer building (left) and Hoover Block (right) that compose the Aviation Trail building and Wright-Dunbar Interpretive Center. When

the visitor center opened to the public in June 2003, the storefront facade was not fully rehabilitated. A project is underway to complete the rehabilitation of this historic façade. As part of this transformation Aviation Trail, Inc., the owner of the building will also install new exhibits in the storefront area, creating a new and more inviting look encouraging visitors to explore the site. The project's completion will also help promote the park as open for business and complement the West Third Historic District's recently completed streetscape program. WILCON construction was awarded the contract, and all work is expected to be completed in time for our summer visitation.





National Park Service
U.S. Department of the Interior

Dayton Aviation Heritage
National Historical Park

The human imagination found its highest expression in three men from Dayton, Ohio: Wilbur and Orville Wright, first to fly a powered, heavier-than-air machine and creators of the practical airplane, and Paul Laurence Dunbar, who with his compelling new voice was the first African American writer to win high distinction in American literature. This park preserves sites associated with the Wright brothers and the home of Paul Laurence Dunbar.

Comments?

Write to : Superintendent
Dayton Aviation Heritage
National Historical Park
16 South Williams Street
Dayton, Ohio 45409
937.225.7705

Website: www.nps.gov/daav
email: daav_info@nps.gov

The National Park Service cares for the special places saved by the American people so that all may experience our heritage.

EXPERIENCE YOUR AMERICA

The National Aviation Heritage Area Come. Discover. Fly!



Home of the Wright brothers and the birthplace of aviation, the National Aviation Heritage Area recognizes and honors the leadership found in the Dayton region benefiting our nation's aviation history. NAHA consists of 10 historic sites and one member organization. For more information about local activities and programs, go to:

NAHA

<http://www.visitnaha.com>

National Museum of the U.S. Air Force

<http://www.nationalmuseum.af.mil/events/index.asp>
1100 Spaatz Street
Wright-Patterson AFB, Ohio 45433
(Note: If this address does not work in your GPS, you may try entering in the address of the building across the street from the museum at 5717 Huberville Ave., Riverside Ohio 45431, or the coordinates of Latitude: 39.7811, Longitude: -84.1101)

National Aviation Hall of Fame

<http://www.nationalaviation.org>
Located in the National Museum of the U.S.A.F.

WACO

<http://www.wacoairmuseum.org>
1856 South County Road 25A
Troy, Ohio 45373
937.335.9226

Wright B Flyer

<http://www.wright-b-flyer.org>
email: wbflyer@dayton.net
10550 Springboro Pike
Miamisburg, Ohio 45342
937.885.2327

Armstrong Air & Space Museum

<http://ohsweb.ohiohistory.org/places/nw01/index.shtml>
Exit 111 off of I-75
Apollo Drive, Wapakoneta, Ohio 45895
419.738.8811 or 1.800.860.0142 (toll free)

Wright State University Wright Archives

<http://www.libraries.wright.edu/special>
937.775.2092

Grimes Field & Champaign Aviation Museum

<http://www.champaignaviationmuseum.org>
1636 N Main St, Urbana, Ohio 43078
937.652.4319

Freedom's Call Military Tattoo

National Museum of the U.S. Air Force
<http://www.nationalmuseum.af.mil/events/index.asp>
Friday, June 24, 2011
Wright-Patterson Air Force Base celebrates freedom during the seventh annual Freedom's Call Military Tattoo. The event features live music by country music group Lonestar, the U.S. Air Force Band of Flight, aircraft fly-overs and fireworks.



Free admission and parking. Gates open at 4 p.m. for pre-show activities, and the show begins at 8 p.m.

2011 Vectren Dayton Air Show

<http://daytonairshow.com>
Saturday and Sunday, July 23 - 24, 2011
Dayton International Airport
Slated to fly at this year's airshow are the world-renowned U.S. Air Force Thunderbirds and plenty of aircraft demonstrations throughout the day.



MERFI - Mid-Eastern Fly-In

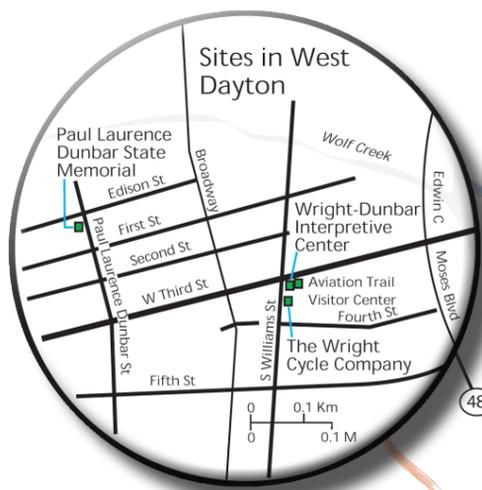
<http://www.merfi.com>
Saturday and Sunday, September 10-11, 2011
Grimes Field, Urbana, Ohio

Waco Fly-In

<http://wacoairmuseum.org>
Friday - Sunday, September 16-18, 2011
Enjoy the WACOs and other vintage airplanes expected for the Fly-In from all parts of the United States.

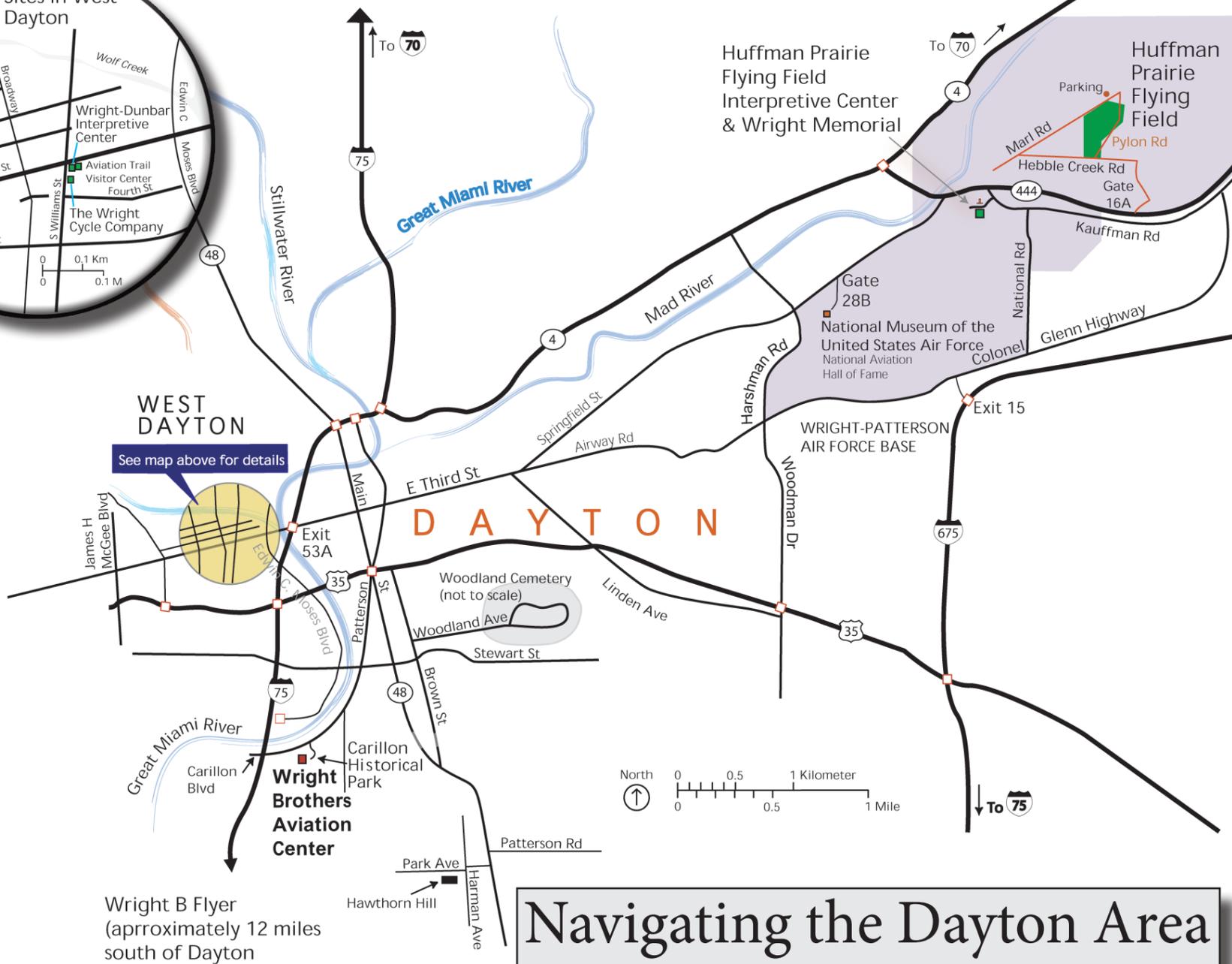
The 15th annual U.S. Air Force Marathon

<http://usafmarathon.com>
The Air Force Marathon, Half Marathon & 10K will be held on September 17, 2011. The start and finish lines are at the National Museum of the USAF.



To WACO (Exit 69),
and Armstrong Air &
Space Museum (Exit 111)

Grimes Field &
Champaign Aviation Museum
(35 miles northeast of Dayton
on US 68 north of Springfield)



Navigating the Dayton Area