

MAPS is Awarded Best Museum

Kim Kovesci, Executive Director

We are pleased to announce that MAPS Air Museum received 1st Place for Beacon's Best 2012 for Museum. We would like to thank all of our visitors and members who voted us this prestigious award.

Other museums in this category were #2 Stan Hywet Hall, #3 Akron Art Museum, #4 Rock and Roll Hall of Fame, #5 Cleveland Museum of Art, #6 Hale Farm and Village, #7 Cleveland Natural History Museum, #8 Pro Football Hall of Fame, #9 Cascade Locks Park Association, Mustill Store, and #10 Great Lakes Science Center.

Also, MAPS came in #7 as Area Attraction right behind Blossom Music Center. Thank You for all your support! §



Founders View

Dennis Gugliotta, Member / MAPS Founder

There's a saying that if you've forgotten the language of gratitude, you'll never be on speaking terms with happiness.

As we come to the end of a great year, or more truly a great two and a half years, It is time to show gratitude to the Directors and CEO of MAPS. The acceleration of restoration, education, and income, prove this.

Nothing fancy needs to be done, just the next time you see one of them, say thank you.

That is happiness ! §

FROM OUR BRIEFING ARCHIVES

– From the 2004 Archives –

- F-4S Phantom II acquired from the Marine Corps Cherry Point Air Station in North Carolina. The airframe had been in storage for several years to be used in the Navy's aerial drone program.
- The B-26 crew installed a nose wheel to replace the wooden dolly. New sheet metal riveted in the navigators compartment. Bomb racks have been fabricated and the bulk head partially retrofitted.
- MAPS acquire the F-100, F-101 and F-102 from a field in Florida where the aircraft had been moved after a museum in Florida went out of business.
- The A-7 and F-11 were delivered to MAPS after being removed from the aircraft carrier Intrepid docked in New York.

• MERRY CHRISTMAS AND HAPPY HOLIDAYS TO ALL MEMBERS AND VOLUNTEERS •

HOURS OF OPERATION

SUNDAY	11:30 - 4:00
MONDAY	closed
TUESDAY	9:00 - 4:30
WEDNESDAY	9:00 - 4:30
THURSDAY	9:00 - 4:30
FRIDAY	9:00 - 4:30
SATURDAY	9:00 - 4:30

★ Mission Statement ★

MAPS Air Museum is a non-profit organization dedicated to educating people about the history of aviation and its impact upon society. It accomplishes this mission by acquiring, restoring, preserving, studying and exhibiting the impact of aviation on the culture of man.

It's a Great Time to be a Member at MAPS

Kim Kovesci, Executive Director

When we created the tracking statistics, we wanted to track our efforts to continually improve. Our visitation went from 6,271 in 2008 to 6,400 in 2009 to 7,360 in 2010 to 11,197 at the end of 2011. This year by the end of October we have had 16,760 visitors. Our documented volunteer hours have gone from 28,728 in 2009 to 29,335 in 2010 to 35,731 by the end of 2011. This year by the end of October we have documented 40,885 volunteer hours. The number of memberships has increased from 394 in 2009 to 436 in 2010 to 462 in 2011. This year by the end of October we have 482 members in the organization. Our total income has increased from \$131,759 in 2009 to \$179,554 in 2010 to \$189,232 in 2011. This year by the end of October we have generated an income of \$174,417 without our largest fund raiser, Collings Foundation's visit to MAPS.

All of these trends are positive. All of these are impressive, but they are only an indication what is really going on at MAPS Air Museum. I think it can be best summed up by a question that was posed to Rick Willaman by a visitor. She asked, "Why is everyone smiling and laughing here?" Rick said, "Because they like being here." We love this place and it shows.

Our members are proud of the progress that we have made over the past few months. It really showed when the Briefing Editor, Chris came back from California after being away for three months. He was like a twelve year old kid running around looking at everything that had changed. You see, everything is happening so fast that we forget how much has been accomplished.

We picked up two airplanes, the T-37B Tweet from Mansfield and Dr. Mariello's F-9 from Waynesburg. The T-37A was moved

from restoration and got her wings installed. The P-51 moved from restoration, was assembled and painted. The Goodyear Drake was sent out, got a new paint job and is almost ready for assembly. The T-28 Trojan was brought into restoration. The A-26 fuselage was brought into restoration. The PT-19 is getting her wing fabric applied and the F-84 continues to progress. Finally, the B-26, oh my the B-26. She has received her wings, is being placed on her wheels and the flaps are being attached. She is becoming the big bird that we admire but only Don Block can appreciate.

In the Gallery, many additions, improvements and new displays pop up on a continual basis. The Haines Display and the Willaman Display are new. There are plans to arrange the walls differently to gain more space for several new displays that are being worked on.

One of our tour guides was away for several weeks and on his return, the first thing that he did was go find out what had changed and where everything was located. We all laughed and said, that's why everything has wheels. We are very flexible and make adjustments to the events or activities that we are addressing.

Ken Ramsay told me that great organizations have purpose, organization and commitment. We are very fortunate to be blessed in all three categories. Our intent is to support or mission to educate the public in the History of Aviation and its impact on man. I believe we are focused on this mission and I believe that people are having fun at MAPS Air Museum. I would like to personally thank all the members for your continued support. §

Air Academy Review

John Sheridan, Fund Raising

The fall 2012 Air Academy came to an end last Saturday. While there were many sad faces as the final session ended, all of the cadets and their parents gave the project excellent reviews. The ten-week aviation centered classes, emphasizing history, STEM, 21ST Century Skills, Economic Literacy and Citizenship, averaged 17 cadets per Saturday.

ADDRESS AND CONTACT

ADDRESS: 2260 International Parkway
North Canton, Ohio 44720

PHONE: 330-896-6332

A big thank you goes out to MAPS members who added “real” learning to this endeavor by taking time out to share their expertise, including: Ken Ramsay (F-100 & SERE), Reed Kimball (radar, rockets and ATC), Josh Stiles (flight simulators), Carl Bergsneider (engines), Kent Kleinknecht (Voodoo restoration), Wayne Noall (parachuting), Keith Swinehart (C-47), Bob Hollis, Clay Taber and Dean Putnam (PT-19 restoration), Chris Duprow (helicopters), Tony Bistransky (T-37 restoration), Doc Nash (weather & spy planes), Dave Sanders (CAK operations & careers) and Jim Cameron (museum curator operations).

Outside experts included Jeff Shutic (Nordson), Dr. Daniel Jones (Lockheed Martin), Scott Garchar (FedEx), SSG Ubri (Ohio National Guard), Tom Wilson (UTC/Goodrich) and Jim Beringer (T-51).

A special thank you to Rick Willaman (for his Morse code session and crisis management throughout), JoAnn Sheridan (my big helper who kept the cadets orderly throughout), Bob Johnston (with gift shop orders), our librarians Barb Johnston and Betty Tober (for patiently working around us these past two months), Mrs. Cameron (for resurrecting our sense of humor each Saturday with a tremendous lunch), and Executive Director Kim Kovesci (for supporting this mission)!

Plans are currently being formulated for the spring, summer and fall sessions in 2013, so if you would like to participate, please e-mail me at Sheridan.john@mapsairmuseum.org and I will find a way to work you into Ohio’s finest... and only... middle-school Air Academy. §

MAPS Receives a 2nd Year Grant

Kim Kovesci, Executive Director

MAPS received a \$30,000 grant from the Stark Community Foundation for the 2nd Year Program to bring High School US History Classes from Stark County to MAPS. Last year MAPS hosted 1,186 students, teachers and bus drivers from 6 Stark County high schools; Timken, Tuslaw, Canton South,

North Canton, Lake and Central Catholic. The pilot program brought High School US History classes to MAPS to see the aircraft and listen to the stories about the local people involved with aviation history. The program focused on three Ohio State Standards; Racism/Segregation – Tuskegee Airmen, Women in Industry – Rosie the Riveter and Isolationism – Pearl Harbor.

The additional funding will provide the opportunity for more schools to be included in the program. We are in the process of contacting Stark County Schools and hope to increase the participants of the program to over 2,400 visitors. We would like to thank the Stark Community Foundation for supporting our mission and this very important educational program. §

UPCOMING EVENTS

DECEMBER

WED, Dec 5: DIRECTOR MEETING

SAT, Dec 8: MEMBERSHIP MEETING

MON, Dec 10: LOCKHEED PLASTICS SCIENCE

FEBRUARY

WED, Feb 13: HEARTLAND TRAVEL SHOWS FAM TOUR

THU, Feb 14: CANTON CAR SHOW

SAT, Feb 23: ECOPA SAFETY SEMINAR

MARCH

SAT, Mar 2: CUB SCOUT DAY - BUCKEYE

SAT, Mar 16: CUB SCOUT DAY - GREAT TRAIL

THANK YOU!



MAPS thanks The Print Shop of Canton for sponsoring “The Briefing”

The Curators' Corner

Jim Cameron / Gary Haught, Curator

GALLERY OF HEROES RE-DESIGN

Recently, the curators department has studied the public's interest in our current displays in the Gallery of Heroes. Surprisingly, it was found that the displays of the half torso uniformed mannequins, located in the center of the room, were of minimal interest. With this information, plus the need for additional space, it has been decided to remove the mannequins. The gray curved walls behind them will be replaced with two units of the white "X" walls. This will free up space for sixteen new wall and case displays.

HINDENBURG ARTIFACT



Pictured above: Salvaged Hindenburg piece in print. Piece donated to MAPS museum.

MAPS recently received a donation of a 14 inch piece of the German airship, Hindenburg, that crashed and burned May 6, 1937 at Lakehurst Naval Air Station in New Jersey. It is a dark green color caused by the intense heat from the fire. A photo of a similar piece salvaged from the crash is tagged and referenced in the book *Hindenburg*. The other photographed piece was donated to MAPS by a descendent of a family that lived near

the crash site at Lakehurst. This piece of the Hindenburg is currently shown in our "Lighter than Air" display area. §

MAPS Annual Cash Raffle

Kent Kleinknecht, Director

This event has helped generate over \$30,000 for the operational cost of the museum. In January we will be sending out 10 tickets to each MAPS member. As in the past if you do not wish to participate, please send an me a note via e-mail or the museum and we will not send you any tickets. §

Contact: KKleinknecht@mapsairmuseum.org

News From the Gift Shop

Bob Johnston, Gift Shop Manager

Again this month as manager of the gift shop, I would like to thank MAPS members for all their support and purchases of items in the store which goes to support MAPS. So far, this year has been very successful in sales volume. Of course along with that comes more work for all in the gift shop. I would like to thank all the gift shop volunteers for their support and dedication. I would like to mention a few names and I hope they don't mind. Steve, Jim, and Rick put up the new slot board which were very heavy. Colonel U.S. Army retired Reed Kimball is helping to keep incoming inventory in the computer. He also taught career classes to the boy scouts and rocket technology at the air academy. He is willing to help in any way he can. Colonel U.S. A.F. retired Dick Seivert's famous quote is "If you want to know what's happening at MAPS, work in the gift shop". Dick also has made several trips with me outside of MAPS to set up displays and help with the sales. He was a pilot in Vietnam flying C-123, C130 and KC135. A new member in the gift shop is Jim Boyea, a warrant officer and a helicopter pilot in Vietnam. Jim is also a MAPS tour guide. He and his son

sanded and painted the hangar doors. Another new member in the gift shop is Dr. John Massoud, a retired dentist. He served his county in the air force during the Korean Conflict. In his spare time, John has built over 80 models. More about the rest of the volunteers in the next newsletter.

We in the gift shop take on more than just selling items in the shop. You might see us selling tickets for special events, car shows, pancake breakfasts. Gift shop volunteers are always needed, After the first of the year the gift shop will be attending other locations such as airshows and the Canton Car Show in February, 2013.

The gift shop has been redesigned so stop by and see what we have done. There are also many new items on sale for the holiday season. New E-Z Build items include 3-D puzzles of planes and new packaging of planes in 2013.

We are still discounting MAPS marked items at 40% off, and other items at 20% off for MAPS members. There is no discount on helicopters.

Thanks for all your support. Have a happy holiday and new year. §

Museum Visit

Richard E. Shoemaker, Mount Union Student

On Wednesday, October 3, 2012, my wife and I had quite a pleasant surprise. We visited the MAPS (abbr.) Museum. It is located on the west side of the Akron-Canton Airport at 2260 International Parkway in the Village of Green.

Located at the end of International Parkway adjacent to the airport, it consists of an old, large hangar that serves as the main museum floor with gift shop, offices, adjunct display, etc. Across the road is the workshop. Behind these two buildings is the "Flight Line" where many of the airplane are kept. These are in various stages of restoration, from very rough to completion (along with various pieces sand parts yet to be used).

Upon entering the museum through the gift shop, we were greeted a very friendly Member/Volunteer. He took us onto

the main floor of the museum where he pointed out several displays of interest and gave a brief history of the enterprise. After talking with us for about 15 or 20 minutes, we were on our own to explore. The tour guide kept available for any questions we might have.

We arrived somewhat late in the day and literally had the place to ourselves. There were several other volunteers working outside (the hangar door being wide open).

The entire museum, inside and out, is a permanent exhibition. However, it is very much a work in progress. That is its charm. The visitor is not only able to see warbirds from World War I to the Gulf War, but also to get a glimpse of their structure and unique features.

The current prize is "Charlys Jewel", a B-26 Marauder medium bomber (airframe 91) from the Second World War. For now, you can actually see it insides.

In a sense, it is also a temporary exhibit. Not only are the planes themselves changing as restoration continues, but planes are continually moved in and out of the exhibit floor (see their website at www.mapsairmuseum.org). We watched them move a small plane from the "Flight Line" into the hangar.

Not only are there military aircraft on the display, but a few civilian items such as the 1908 Martin glider which was built here in Stark County. It looks like a weird, oversized kite. But it really worked! Another interesting item in this vein is the reconstructed gondola from the crashed "Spirit of Akron" Goodyear blimp. Visitors can sit in the comfortable cabin and watch a video of a blimp in flight on a screen above the control panel. Hanging from the ceiling are several large, radio controlled model airplanes.

Other displays include various types of engines, both piston and jet propulsion systems. There are various types of ordinance and weapons systems, radio equipment, cockpits from planes and insignias. Visitors can even climb into the cockpit of a MIG-17 Soviet fighter if they are so inclined. The tour guide told us children love this.

Everything is well labeled. Some objects, such as the engines, tend to be a bit too technical and wordy for many visitors.

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MAPS DIRECTORY

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KIM KOVESCI

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WEBSITE & WEBMASTER

KIM KOVESCI

Then again, many who would be drawn to this type of exhibition would revel in this much information and want even more. The visitors can read as much as they want.

Many of the labels for the aircraft are interesting. They contain the name of the craft plus basic information in large type. Below this is a more detailed and technical description. This makes it easier to read as much as you want. Some of the labels even include a photograph of a similar model of the plane, some in flight.

The exhibition, at first glance, appears crowded and cramped. This is a foiler. As the visitor moves through it, this appearance falls away. It is quite easy to get close enough to touch or peer inside, yet there is plenty of room to step back to take pictures (photo taking is encouraged). And speaking of taking pictures, the lighting inside the hangar is superb. Daylight from the high windows and the wide open hangar doors make flash only necessary to fill in shadows.

Some displays are roped off, mainly for safety reasons. Children need to be watched as there is plenty of opportunities for them to get in trouble if not watched. Also, it is recommended that staff members be near when viewing the outside displays, again for safety purposes.

As I stated in the beginning, this was an experience for both my wife and me. Jan basically went along for the ride (actually she drove). but once inside we both became absorbed. Since then I have heard her tell others how enjoyable it was.

How would I improve on the exhibition? I would not touch it. It is continually being improved by the staff who are mostly volunteers. The restoration process is

ongoing with no end in sight. §

MAPS Receives a Grant from Jack Timken

Kim Kovesci, Executive Director

MAPS received a \$20,000 capital grant from The Ward J. and Joy A. Timken Foundation. The grant was requested for roof repair, bricking up windows or a modification to the sprinkler system. These are all necessary projects but one is vital to our future growth plans. The modification to the sprinkler system will allow us to begin to use the second story of the hangar. This area will eventually contain a continuation of the Gallery of Heroes, a room for the National Guard, rest rooms, some offices, a kitchen and a large meeting room. Mr. Timken has been very good to MAPS over the years and we would like to thank him and Mrs. Timken for their continued support and generosity. §

MAPS Receives a Grant from the John A. McAlonan Fund

Kim Kovesci, Executive Director

MAPS received a \$10,000 educational grant from the John A. McAlonan Fund of the Akron Community Foundation. This grant was written as a Summit County

version of the High School US History visitation now in its second year in Stark County. Several Summit County schools are being invited to participate in the program. Teachers/administrators are required to visit MAPS before scheduling their visit. This provides the opportunity to prepare them for the program. After the visit feedback is required in order to improve the program and provide reporting information for the final report to the grantor. We would like to thank the John A. McAlonan Fund for their generous support and funding. §

Our F-100 Super Sabre

Ken Ramsay, Director



The F-100 Super Sabre was the first production aircraft capable of exceeding the speed of sound in level flight. The first production F-100A flew on October 9, 1953 and the last operational flight was in 1979 ending 26 years of active duty with the USAF and ANG in the US. However, the Turkish Air Force continued to fly the F-100 until 1982. There were 2294 F-100s produced in four models (A, C, D, F) and they were flown by the USAF, ANG and 4 other countries (China, Denmark, France, Turkey). The F-100 was armed with four 20mm cannons firing a combined rate of 100 bullets per second. It could carry air-to-air and air-to-ground missiles, bombs, rockets, cluster bombs and a full range of nuclear weapons. In Vietnam, F-100s flew as fighter bombers, Misty FACs and Wild Weasels, flying 360,293 combat sorties which is more than the P-51s flew in WW II. F-100s are on static display in 8 countries and two F-100Fs (two place) are still flying in the US.

Our F-100D, 56-3081, flew for 21 years as a combat fighter and a couple more years as a drone. During its flying career it performed all of the roles assigned to F-100 aircraft except photo reconnaissance: air-to-air fighter, air-to-ground fighter-bomber, nuclear alert, fighter pilot training and drone. 081 was stationed in 9 states and 3 countries performing its assigned missions: New Mexico, South Carolina, California, Arizona, Louisiana (fighter pilot training), Ohio, Iowa, Missouri, Florida (drone), Taiwan (nuclear alert), Turkey (nuclear alert), Vietnam (combat). It survived 3 years in Vietnam without a scratch.

In November 1978, 56-3081's last flight was from the Missouri ANG to Davis-Monthan AFB for delivery to the Aircraft Maintenance and Regeneration Center (AMARC), the "Boneyard." Ten years later 081 was converted to a drone, QF-100D, and stationed at Tyndall AFB as an aerial target. It was hit in the rudder and left aileron with an unarmed AIM-9B heat-seeking missile. In 1994, 081 was moved to the Florida Military Aviation Museum, Clearwater FL where it was put on display as a drone. When the museum ceased operation, our F-100 was disassembled and moved to a swampy field in central Florida along with a number of other aircraft.

In November 2004, 26 years after 081's last operational flight, the MAPS Air Museum's Swamp Rat crew went to Florida and transported the wings and fuselage of 081 back to the museum, along with other aircraft parts. Three subsequent Swamp Rat trips returned the remaining aircraft parts.

Restoration of 56-3081 took 7 years (2005-2012). The first problem was corrosion. One and a half gallons of body putty were used to fill where corrosion had to be removed. Missing parts were found from New York to California and points in between. Many panels and sheet metal parts were made at MAPS. Prior to assembly, wires were routed to facilitate lighting and canopy operation. On Father's Day 2011 the

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★ MAPS TRIVIA ★

QUESTION:

MAPS is missing 2 of the Century Series fighters. What are they?

(answer on page 8)

wings were assembled to the fuselage and the tail installed a few days later. Installing other parts, painting, electrical, and cockpit restoration took another year. On Father's day 2012, 56-3081 was dedicated to all those that flew her and those that participated in her restoration. 56-3081 is one of the finest looking F-100s on display anywhere in the world. §

Chairman's Notes

Bob Schwartz, Director Chair

2012 Air Academy Review- In addition to organizing the 2012 Fall Air Academy John Sheridan has also spent many hours over the past year and half writing numerous grant applications for MAPS. He is a teacher at Columbia High School near Cleveland.

Ken Ramsay spent 10 years in the Air Force and flew F-100's during the cold war and in Vietnam. It is not well known but F-100's were armed with nuclear weapons and Ken spent time on alert during the Cuban missile crisis. He joined MAPS in 2004 and started restoring our F-100 Super Sabre.

Museum Visit -We received the report from a Mount Union student who visited the museum and wrote about it for school

and decided to print it because it gives a visitors view point.

Founder's View -Dennis Gugliotta's short and to the point article is greatly appreciated. Every member is assigned a member number, we are up to 1864. Dennis has number 3, he was 1 of 5 at the very first meeting in a restaurant back in 1990 to discuss forming an aviation museum.

Kim Kovesci showed me his article that appears in this issue. As I was reading my initial thought was WOW! We've had a great year! Then I realized, this is only the last three months! All our volunteers deserve a big MAPS thank you. Without your dedication this could not happen.

Our Explorer Post continues to grow, we are now up to 12 explorers. Planned for the near future is a MAPS Honor Guard.

And lastly, it's really fun to be in the Museum lobby and seeing the smiling faces as our visitors are leaving. Many times you don't have to ask how they liked their visit. They will tell us "great place" or "thank" you for your efforts". Rick Willaman asked one recent visitor how his visit went and the visitor did a cart wheel in the lobby! Rick caught it with his camera and placed it on "you tube". Go to you "you tube" and search for MAPS. §

MAPS TRIVIA ANSWER: The F-104 Starfighter, and the F-106 Delta Dart

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ADDRESS SERVICE REQUESTED

2260 International Parkway
North Canton OH 44720
Phone 330-896-6332

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