



# Freeman Flash

**NEWSLETTER of the FREEMAN FIELD FLYING ASSOCIATION**

Volume XVIII, Number 4, April 2016

Larry Bothe, Editor

Website: [www.freemanfield.org](http://www.freemanfield.org)

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## **Aviation Activities at Freeman Field for 2016; Wine Fest?**

Lance Bartles is planning to hold another **Cherry Hill Aviation Day** fly-in for 2016. He is considering August 20<sup>th</sup> or October 8<sup>th</sup>. CHA will make all the arrangements; advertising, warbirds, food vendor, airplane rides, security & safety, outside vendors, etc.

Arann Banks, Visitor Center Director, made a short presentation to the airport authority to talk about the airport's role in the bicentennial celebration. She would like to hold a wine fest at the airport on October 8<sup>th</sup>. She hopes Lance Bartels will have his activity that same day. The authority approved the concept of a wine fest, but city council will also have to approve. There may be a problem with alcoholic beverages on city property. Authority attorney Jeff Lorenzo will look into it.

Sean Hildreth, (yes, Jack's son) also spoke at the airport authority meeting, sort of in conjunction with Arann, about the white bicentennial bison that are being placed at 5 locations in Jackson County. He would like one to be placed at Freeman Field. Don Furlow is considering where to best place a bison at the airport. The bison are to be placed outdoors, and local artists will decorate them in bicentennial themes. The locations of the bison will be publicized. It is expected that people will come to see them,

thus becoming involved in the bicentennial celebration.

In a totally separate activity, the museum is holding a **charity airplane ride day** on June 25<sup>th</sup>. This will NOT be a fly-in, but rather a fund-raiser for the museum, advertised in Seymour and surrounding communities. Arann Banks is thinking about how to tie the airplane ride day into the bicentennial as well.

### **FFFA News**

Our April meeting was held at Cherry Hill Aviation so we could use the WiFi signal there to stream the 57-minute video about famed British aviator Eric "Winkle" Brown. During his illustrious career he flew over 400 different aircraft types, starting in biplanes and ending in supersonic fighters. He was the first person to ever do a number of aviation things that we consider common today, e.g., land a jet on an aircraft carrier. He flew a German ME-163 rocket-plane and survived. If you would like to see the video, narrated by the man himself, go to [https://www.youtube.com/watch?v=szten4iypCM&feature=player\\_embedded#t=13](https://www.youtube.com/watch?v=szten4iypCM&feature=player_embedded#t=13).

Eric Brown unfortunately passed away just 2 months ago (Feb, 2016), but not before his incredible story was made public.

**May Program:** The program for May will be to take a short walk to the museum annex to see the changes that have been made there over the past year. New exhibits include Edged Weapons of WW-II and German Aircraft Machineguns.

**FFFA acquires digital projector:** Before we ran the "Winkle" Brown video at the April meeting we discussed the fact that since we like to show movies/videos at our meetings we really ought to have our own digital projector. Also, from time to time the museum does presentations at schools, churches and assisted living facilities. After some discussion it was decided to spend approximately \$500 on a good-quality digital projector and share it with the museum. *(Subsequent to the meeting Larry ordered an Epson EX5240 from Amazon at a cost of \$459, plus tax, no shipping. It's here and stored at the more secure museum.)*

Our group is going on a **road trip to Wilbur Wright's birthplace**, near Newcastle, IN, on Tuesday, 4/26. We're renting a van so we can all go together. We'll be leaving the FFFA building promptly at 9:00, so if you want to go get there a few minutes before 9:00. We expect to be back in Seymour by 4:00 PM.

### **3<sup>rd</sup> Class Medical Reform**

Medical reform is tied up in the FAA funding (reauthorization) bill. The Senate did pass their version of the bill on 4/19. A similar bill in the House has been stalled over a provision to privatize ATC. When the Senate and House finally get this straightened out we'll get 3<sup>rd</sup> class medical reform. The most recent continuing funding resolution expires July 15<sup>th</sup>.

### **Airport News**

The FFFA building got a new roof this month, along with the other 4 buildings in the row across the street from the terminal. As reported last month, the airport authority managed to come up with the money to reroof all 5 of those WW-II buildings. Since

the metal roofing was applied over the existing shingles (no tear-off), it really went fast; about 1-½ days per building. And they look nice. Now we won't be picking shingles up off the ground every time the wind blows a little.



Here's what one of the five buildings (Liberty Christian Academy) looks like with its new tan metal roof. All 5 buildings look like this one.

The FAA is delaying funding of capital improvement projects. It now appears that we won't get funding for the completion of the taxiway A reconstruction project this year. That will in turn push other projects back a year. We had expected to reconstruct taxiway C in 2016, but now it will drag until 2017. It is important to finish A and do C so we can close the loop out to runway 5/23. Right now we have a high-strength runway but no high-strength way to get to or from it. The delays are being caused by financial uncertainty. Our do-nothing congress can't pass a comprehensive long-term FAA funding bill. Instead we are stuck with a series of continuing resolutions that don't provide any future direction.

### **Member Accomplishments**

**Jack Hildreth** is doing much better. He's off the respirator. His kidneys are functioning again so dialysis is no longer required. He is still very weak, but at least his bodily functions are returning to normal. His family is working on bringing him to a facility in or near Seymour so he can finish his rehab close to home. Running to Indy is getting really old.

### **2016 FFFA Dues**

The snowbirds are back from Florida. Harry Knight decided to pay for 5 years all at once

so he now has the top slot for people paying ahead; he's paid through 2020. A couple other snowbirds will hopefully pay soon.

## Treasurer's Report

For the period: **March, 2016**

<b>Opening bal, all funds</b>	<b>10,443.89</b>
<b>Opening bal, chkg acct</b>	<b>3,426.37</b>
<b>Income</b>	
Dues	200.00
Other	
<b>Total Income</b>	<b>200.00</b>
<b>Expenses</b>	
Electric bill	114.77
Sewer bill	9.14
Water bill	14.99
Other	
<b>Total Expenses</b>	<b>138.90</b>
Transfer from MMF	
Transfer to MMF	
<b>Closing bal, chkg acct</b>	<b>3,487.47</b>
<b>Mny Mrkt Fnd, opng bal</b>	<b>7,017.52</b>
Checks written	
X-fer in from chckng	
Interest earned	
<b>Closing bal, MMF</b>	<b>7,017.52</b>
<b>Net change, all accounts</b>	<b>61.10</b>
<b>Grand total, all funds</b>	<b>10,504.99</b>

## Interesting Aviation Links

**The classic Piper Cub.** 8-min video about Cub history and flying. Nicely done. From Rob Wilmoth, 4/2/16.

[https://www.youtube.com/embed/pmptFkKSeYQ?feature=player\\_detailpage](https://www.youtube.com/embed/pmptFkKSeYQ?feature=player_detailpage)

**F35B fighter, Navy style;** 3-min video of ship suitability trials on the USS Wasp. Nice footage. From Mike Breuckmann, 4/5/16

<https://www.youtube.com/embed/Ki86x1WKPM>

**Formation landing:** Thr Spanish aerobatic team lands 7 jets in formation. 1½-minute video. Very cool. From Dan Kiel, 4/11/2016.

<http://www.chonday.com/Videos/laformajet3>

**Building a Boeing 787 Dreamliner,** in 4 minutes. Excellent high-speed video of assembling a Boeing 787. The wiring, instrumentation, etc. was completed where

the nose was manufactured and built. Big 'chunks' are built around the world (China, South America, USA, etc.) and brought in by the giant 747 'Dream Lifter' for assembly at the Boeing final assembly plant in Everett, WA. (Your editor has been there twice. It is the largest building under a single roof in the world, 108 acres. Disneyland would fit inside, with 12 acres left over for covered parking.) I'm amazed at all the special tools, lifts, and transporting dollies that had to be developed to put this plane together. Much more than just designing an airplane! From Floyd Hollandbeck, 4/13/2016.

<http://www.chonday.com/Videos/boudrealibl3>

**Wing-suit skydiver meets his maker.** It's unbelievable what these guys will try, and it often ends badly. From Mike Foushee, 4/22/16. [WINGSUITER MEETS HIS MAKER](#)

## New "Aerial Farmer"

Jeff Elsner sold his Aerial Farmer crop dusting business to Bob Sneeburger. Bob has been flying a lot to get used to the plane and calibrate his delivery systems. He has a radio in the plane and has been announcing his intentions. Thanks, Bob, and welcome to Freeman Field.



## Museum Archives – Framing Large Insignias

The Freeman Army Airfield Museum is a completely separate entity from the Freeman Field Flying Association. Some of our board members (Larry Bothe, Berl Grant) overlap. The FFFA on occasion supports the museum with gifts of money for worthy projects. FMI [www.freemanarmyairfieldmuseum.org](http://www.freemanarmyairfieldmuseum.org).

Sometime in the late 90's local historian Don Hill made a series of 7 large (40" x 32") replicas of the insignias (shoulder patches) worn by personnel who were at Freeman Field. The insignias include those from the training commands and from the primary units in which they served in combat. The insignias are true works of art. Don built them up using multiple layers of colored construction board adhered to a base of foam core board. They have a 3-dimensional quality.

For many years the museum has displayed the insignias low on the walls going down the center hallway in our main building. During our 3-year reorganization of the museum (2013-2015) we didn't do anything with the insignias because they were on display in a sensible location. But now we're going back through and making improvements to some displays that are OK but need a little work. Museum President Joe Clegg noticed that some of the insignias were sagging in their wood track holders, and had minor wear/damage because they were not covered in any way. Also, the insignias had no descriptive signs. A new project quickly emerged.

The obvious solution was to have the insignias framed, with descriptions included. However, from the experience of having our authentic captured German and Japanese flags framed, we knew that having pieces the size of the insignias professionally framed would cost something on the order of \$200 each. With our meager financial resources \$1400 was out of the question. We would have to do it ourselves.

It ended up taking the best part of a month, but the framed insignias, with explanatory information, are now back in the hallway, properly protected under "glass" (actually, Lexan plastic). Larry Bothe designed the frames, bought the materials, and cut out the 28 wooden frame pieces in his home shop. Dan Kiel and Marty Schwab assisted with the stain, varnish and assembly work.

As a side note, now we know why professional custom picture framing costs so much money. It's a heck of a lot of work.

## **Ask an Instructor -- What's Required – IFR Style**

By Adam Springmeyer, April, 2016

We had a great time on our VFR city flight last month. Now we realize it has been a long winter and we need to get our instrument currency back up. We looked back in our logbook and found out that we have accomplished 3 instrument approaches in the past 5 months. So we know that we need the following by the end of the month:

- 3 instrument approaches
- Holding Procedures
- Intercepting and tracking a course through navigational signals

We gassed up our 2005 Cessna C-182 and looked at the weather. Today's weather calls for winds out of the west at 10 knots, 60°F (15°C), overcast at 600 feet, and 2 miles of visibility. We called the Flight Service Station and filed our IFR flight plan from Seymour to Columbus to Seymour. It is time now to preflight our aircraft.

Last month we discussed the mnemonic TOMATO FLAMES to identify the equipment required for VFR flight. We know we need at least those things. What else do we have to have on our aircraft? The Federal Aviation Regulations (FARs) specify that we need the Day VFR requirements, the Night VFR Requirements, and several additional items. For the Night VFR Requirements we use the mnemonic of FLAPS:

- F – Fuses (circuit breakers in our aircraft)
- L – Landing Light (if we are for hire)
- A – Anti-Collision Lights (beacon/strobes)
- P – Position Lights (Navigation Lights)
- S – Source of Electricity (Batt/Alt/Gen)

We have all of these requirements. We know there are additional instruments required for

Instrument Flight. Most flight instructors will use GRABCARD. Let's break down the mnemonic:

- G – Generator (alternator in our case)
- R – Radios
- A – Attitude Indicator
- B – Ball (Inclinometer)
- C – Clock with second hand sweep
- A – Adjustable Altimeter (Pressure sensitive Altimeter)
- D – Directional Gyro

Everything checks out; we can go on our flight. There are several other topics we can discuss. Join us next month for our actual flight.

Do you have a topic that we should discuss? Drop me a line, let's discuss it. Thanks for reading.

--- Adam

### **Ask an Instructor/Airline Pilot**

Do you have a question about some phase of aviation? It could be about pilot certification, logging flight time, FAR's, how airlines do things, instrument flight, or anything else. Send a message to Adam Springmeyer at [adam.springmeyer@gmail.com](mailto:adam.springmeyer@gmail.com) and receive a personal reply directly in your e-mail.

### **FFFA Officers - Contacts**

- Karen James**, President, 812-498-4482, [Flygirl172@me.com](mailto:Flygirl172@me.com)
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- Berl Grant**, Board, 812-580-8685, [berlgrant@frontier.com](mailto:berlgrant@frontier.com)

**Join FFFA:** Dues are \$10 per year. Send a check, payable to FFFA, to Larry Bothe, 1082 Governors Ln, Seymour, IN 47274-1135. Include e-mail address and phone number. ½ price after the 4<sup>th</sup> of July.

**Freeman Flash** issues going back to 1999 are available if you contact the editor. A website archive is planned.

### **Local Event Calendar at a Glance**

- April 23, Thunder Over Louisville\*
  - April 30, Terre Haute Air Expo
  - April 26, FFFA trip to Wilbur Wright's birthplace**
  - May 3, FFFA meeting, FFFA Bldg, 7:00 PM
  - June 11, **Columbus AAD\***
  - June 16-19, Aeronca fly-in, Middletown, OH MWO
  - June 24, Clay City, IN Air Show\*
  - July 22-23, Kokomo Air Show\*
  - July 25-31, **AirVenture**, Oshkosh, WI
  - Aug 27, **North Vernon AAD & free air show\***
  - Sept 3, Red Stewart Field Air Show\*
  - Sept 3, Marion, IN Fly-in/Cruise-in MZZ
  - Sept 10-11, Greencastle Aviation Days
  - Sept 16-17-18, **Lee Bottom**
  - Sept 18, **Madison (free) Air Show\***
  - Sept 24, Clark County fly-in & air show\*
- \*An asterisk means Cliff Robinson will be performing aerobatics at that event.

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**Freeman Field Flying Association** meets the 1<sup>st</sup> Tuesday of each month at 7:00, FFFA Bldg  
**Airport Authority** meets the 3<sup>rd</sup> Monday of each month at 7:15 PM, terminal building conference room.  
**Museum Board** meets the 3<sup>rd</sup> Tuesday of each month, 6:15 PM, main museum building library room.

## Sell – Buy

Have something you want to sell or buy? FFFA members get a free ad. Contact the Editor, Larry Bothe, 812-521-7400, or e-mail [LBothe@comcast.net](mailto:LBothe@comcast.net) to place an ad.

### **Local Aircraft For Sale**

#### **½ share of 1963 Beech Musketeer**

Mark Kendall's brother-in-law lost his medical. He'll sell his share for \$16,500. Aircraft is IFR-equipped and the annual was just completed by Cherry Hill Aviation. Call Mark for more info, 812-216-1147

### **Cliff Robinson Aerobatics**

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[cliffrobinsonaerobatics.com](http://cliffrobinsonaerobatics.com)

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