



# Freeman Flash

**NEWSLETTER of the FREEMAN FIELD FLYING ASSOCIATION**

Volume XVIII, Number 10, November 2016

Larry Bothe, Editor

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

---

---

## **FFFA Christmas Dinner & Annual Meeting Thursday, December 15 at D's Diner, 6:00 PM**

We're having our annual Christmas dinner at D's this year. It's a change of pace, and we'll have the place to ourselves. The menu will be turkey, ham, stuffing, mashed potatoes, sweet potatoes, broccoli casserole, green beans, dinner rolls, and pumpkin or apple pie for dessert, served buffet style. Since D's doesn't have a liquor license the FFFA will provide beer & wine for drinks. The total cost for everything, including the drinks, is \$15 per person, payable at the door. And you can also pay your 2017 dues (still \$10) if you would like to.

The dinner is also our official annual meeting. The current officers and board members (see page 5) will serve again in 2017 unless somebody wants to step up and take over a position. The truth is that Secretary is "open" since we haven't heard from Matt Vieck all year. Also, Jack Hildreth is uncertain as he is still in assisted living and does not yet have the strength to walk.

We have rounded up some door prizes, but not as many as in years past. If anybody has some additional things to bring, that would be helpful and appreciated.

The thing that would be really helpful would be some ideas for programs for 2017. We

now have a really good way to show movies (at the museum) since the FFFA bought a digital projector and the museum installed a new wide movie screen, and has comfy chairs. If anybody has a movie they would like to share this coming year, please let us know. I'm working on a Power Point presentation for Oshkosh, about doing things the easy way with airplanes, and hope to have it ready to preview in the spring.

### **Gliders at Freeman Field; They're Here!**

The **Louisville Soaring Club** moved up from Bardstown in mid-November. As expected, they have leased the old Accu-Air hangar, now owned by Lance Bartels, for use as their headquarters building. Some T-hangar tenants cooperated and moved so the glider owners can have spaces next to each other. This is necessary so they can encroach on each-other's spaces with the long glider wings. Not ideal, but doable.

Your editor has flown with the gliders on one occasion since they got here. No problem. Hopefully, once they get fully settled, we can get one of their officers to come to an FFFA meeting to tell us about their

operations, and how anyone who is interested can learn to fly gliders. FFFA member Frank LaGreca has already said he would like to do that. Your editor already holds Commercial Glider, and Lance Bartels is working on his glider rating as well.

## **Other Airport News**

**New grass strip:** In order to better accommodate the glider operation and keep it well away from the radio controlled model aircraft flying area, the airport authority has seeded a new grass strip. It is 1800 feet long by 75 feet wide, North-South, and is located on the northwest side of the airport just at the west edge of the old WW-II N-S paved runway. The R/C club will stay where it is. Once the grass grows in at the new strip the old grass "ultralight" strips 18U-36U and 9U-27U will be decommissioned and returned to farm ground (except for the portions required for the R/C operations). Everybody can be safe and happy as their needs have been met.

**T-hangars:** Airport secretary Diane Schepman says all the T-hangars are rented and there are 3 people waiting. She did not know of any vacancies coming open in the immediate future.

**Fuel Farm Safety Upgrades:** As reported last month, the airport authority has installed a Veeder-Root fuel farm monitoring system. Airport manager Don Furlow describes it as what most gas stations have in the back room, and customers never see it. The V-R system at Seymour is now fully operational and provides the following information and protections:

- Quantity remaining in tank
- Quantity that could be added to tank
- Leak sensor (fuel gets between the walls of the double-walled tanks)
- Water sensor, in bottom of tank, and volume of water if any is present
- High-level alarm (prevents overflow)

Besides the monitoring information, Don says the fuel is sampled daily, and the

sample retained for 24-hours (until the next sample). Jet-A fuel passes through 2 filters as it is dispensed; 100LL gasoline has only one filter.

The addition of this monitoring equipment and the filtering and safety procedures was occasioned by the Stat Flight medical helicopter coming to Seymour. The equipment/procedures are also applicable to the fueling of military aircraft, although the addition of an inbound (filling the storage tanks) filtering system would be required for full military fueling compliance. Since the military has not yet inquired about regular fueling at Seymour there are no plans to put in the expensive inbound filtering system.

**D's Diner:** Starting Monday, 11/28, D's will once again be **open 7 days a week for breakfast and lunch**. With additional staff onboard the owners will even get a day off once in a while. Also, effective immediately they offer a **free van shuttle service** from the Seymour terminal building to and from their restaurant. **Call 812-523-3395** or ask Diane in the airport terminal office. Finally, a reminder that you can just park your airplane by the northeast T-hangars and walk a couple hundred yards to the restaurant.

**United Granulation:** With the completion of their plant upgrades UG has apparently solved their odor problem. Your editor hasn't smelled anything personally for several weeks and is not aware of any recent complaints. The D's Diner folks agree.

## **US Scale Masters Nat'l Championship Meet for 2017 to be held at Seymour:**

The dates for the giant-scale radio-controlled aircraft meet have been set. They will be Wednesday, 9/13 through Sunday, 9/17, 5 days. Some of the competitors have even already inquired about arriving a few days earlier to do some open practice. With 70 to 100 competitors, many of them sponsored, and each having a team, there will be 500 people in town for this event.

## Museum Archives

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

Work on the donated boat continues. The rotten seats have been removed. The gas tanks are out and the ancient fuel is being properly recycled. The engine turns over. There is a lot more cleaning to be done.

Our recent research into the identity of dug-up items is bearing fruit. This month we learned that one of the items on our "we-don't-know-what-it-is" table is a control box for the reconnaissance cameras mounted in some German fighters, like the Bf-109 and FW-190. We actually have 2 of those controls. We also learned that the large brown restored prop blade near the restroom in the annex is likely from a Japanese N1K2 "George" fighter. Only about 400 of these planes, superior to the A6M Zero, were built late in the war so the blade is pretty rare.

Our trip up to Grissom Air Museum in Peru, IN was delayed. We were to go there in early November to look at some additional WW-II items that are excess to their needs. However, the wife of the person in charge of the excess material became very ill and he couldn't meet with us. We still want to get up there and see what they have.

We're still working on our electrical upgrade grant. It's not finalized yet but prospects remain bright (pun intended).

## Member Accomplishments

**Jack Hildreth** was to have undergone a procedure to restore the usage of half of his vocal cords. This is necessary because they were paralyzed when he was untubed during the most sever period of his illness earlier in the year. Full use of his vocal cords would not only allow him to speak much more loudly (his voice is very, very, soft), but he

could begin eating again normally, by mouth. The paralyzed vocal cords allow food to aspirate into Jack's lungs, and then infections begin. Right now Jack receives all nourishment through a feeding tube into his stomach. Unfortunately, upon reaching the hospital in Indianapolis it was determined that the operation (originally scheduled for 11/15) had to be postponed due to high blood sugar. It is rescheduled for 12/12.

Other than the operation postponement, Jack's wife Jean reports that he is doing OK. Jack is in the A-wing (long-term care) of the Lutheran Home, just off South Walnut St., here in Seymour. He welcomes visitors.

## Interesting Aviation Links

**Vertical Maze Dubai**; crazy wing-suit dudes fly through the tall buildings in Dubai. From reader Jan Harris, 11/26/2016. [https://safeshare.tv/x/cIyVNoY3\\_L4#v](https://safeshare.tv/x/cIyVNoY3_L4#v)

## Treasurer's Report

For the period: October, 2016

Opening bal, all funds		9,765.19
Opening bal, chkg acct		2,732.76
<b>Income</b>		
Dues	5.00	
Other		
<b>Total Income</b>		<b>5.00</b>
<b>Expenses</b>		
Electric bill	10.65	
Sewer bill	9.14	
Water bill	15.28	
Other - pitch-in food	30.00	
<b>Total Expenses</b>		<b>65.07</b>
Transfer from MMF		
Transfer to MMF		
<b>Closing bal, chkg acct</b>		<b>2,672.69</b>
<b>Mny Mrkt Fnd, opng bal</b>		<b>7,032.43</b>
Checks written		
X-fer in from chckng		
Interest earned	4.88	
<b>Closing bal, MMF</b>		<b>7,037.31</b>
<b>Net change, all accounts</b>		<b>-55.19</b>
<b>Grand total, all funds</b>		<b>9,710.00</b>

**Put the FFFA Christmas dinner in your calendar; 6:00 PM on December 15<sup>th</sup>, D's Diner.**

## Ask an Instructor --

*This month our intrepid airline pilot & flight instructor decided that with the new ICAO flight plane forms going into effect in January his space in our newsletter would be better utilized to explain this somewhat confusing change. Herewith is his report.*

### New ICAO Flight Plans

Starting at the end of January 2017 the FAA will begin to switch over from the Domestic VFR and IFR flight plans, and going to the ICAO standard flight plan forms. Some of the biggest changes we will see are going to be the addition of:

- ICAO Equipment
- ICAO Surveillance
- Wake Turbulence

For most of us, this will be easy as any aircraft under 15,500 pounds will be called a Class L (Low). Now this classification should not affect how wake turbulence is called from an Air Traffic Control Tower. If you are following a jet, you should be ready for its wake.

The most common equipment suffix codes that are used in today's flight plans are:

- /G – GPS and Mode C Transponder
- /A – Mode C Transponder and DME
- /U – Mode C Transponder only

The ICAO will change to a "standard" avionics package. The new equipment for most general aviation aircraft will be /S. This means the aircraft will have a VOR, Localizer Capability, and a VHF Radio. There are other ICAO Equipment suffixes to be considered. This is a complete list:

- /O – VOR
- /R – PBN Approved
- /S – VOR, VHF RTF, ILS
- /T – TACAN
- /U – UHF RTF
- /V – VHF RTF
- /W – RVSM
- /X – MNSP
- /Y – VHF 8.33 kHz Spacing
- /Z – Other

The final step will be a selecting an ICAO Surveillance equipment suffix. This will directly reflect what type of transponder you have on board the aircraft. The most general will be /C as that is a Mode C Transponder. Here is a complete list of the new codes:

- /A – Mode A
- /B1 – ADS-B, Dedicated 1090 Out
- /B2 – ADS-B, Dedicated 1090 Out+In
- /C – Modes A & C
- /D1 – ADS-C & FANS
- /E – Mode S, ID, Alt, Squitter
- /G1 – ADS-C, ATN
- /H – Mode S, ID, ALT, Enhanced Surveillance
- /I – Mode S, ID, No ALT
- /L – Mode S, ID, ALT, Squitter & Enhanced Surveillance

There is one big change that we can see and that is if we depart or arrive at an Airport that does not have a standard 4 digit airport code. For example we have that ability at Seymour (KSER). However if we want to go to Salem Airport (I83), we will need to put in our Remarks section of the flight plan as "DEST/I83" or "DEP/I83".

So if we use our imaginary airplane for another flight. We will file an ICAO Flight plan as a C-182/S/C. This is still not required until the end of January 2017, but you might want to try it now. As always Fly Safe.

--- Adam

*Ed note: I think Adam is going to provide us with some more information and clarification on this subject next month.*

### **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)  
**Jan Sipes**, Vice President, 812-522-9446,  
[sipesj@hotmail.com](mailto:sipesj@hotmail.com)  
**Matt Vieck** Secretary, 812-887-6346,  
[amvieck@gmail.com](mailto:amvieck@gmail.com)  
**Larry Bothe**, Treasurer/Membership, 812-521-7400,  
[LBothe@comcast.net](mailto:LBothe@comcast.net)  
**Jack Hildreth**, Board, 812-525-8460,  
[jhildreth1709@comcast.net](mailto:jhildreth1709@comcast.net)  
**Tom Hallow**, Board, 812-569-4293,  
[thallow@3cbb.com](mailto:thallow@3cbb.com)  
**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

**Dec 15, FFFA Christmas dinner & annual meeting at D's Diner, 6:00 PM**

Sun 'n Fun 2017 April 4-9, Lakeland, FL  
AirVenture 2017, July 24-30, Oshkosh, WI

\*An asterisk means Cliff Robinson will be performing aerobatics at that event.

-----  
**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

Open cockpit bi-plane rides in 500HP Stearman  
Acro and tailwheel training in Super Decathlon  
Cliff Robinson, Madison, IN 812-701-9990  
[cliffrobinsonaerobatics.com](http://cliffrobinsonaerobatics.com)

## Eagle Avionics

Radio repair and installation, shop at BAK  
Authorized dealer for Garmin and Aspen  
**Transponder & IFR certification at your airport**  
Call Andy Zeigler, 812-344-0468

## FAA Handbooks for Pilots on CD

8 popular handbooks on one CD, \$24.95  
Go to [www.flightsmith.com/flyingcd](http://www.flightsmith.com/flyingcd) for details and ordering information

## The Engraver

**Trophies Plaques Gifts Plastic Signs**  
Quality Gifts & Awards, Aircraft Placards  
1520 Schleter Rd, Seymour. 812-522-6181  
[www.engraverinc.com](http://www.engraverinc.com)

## Cherry Hill Aviation

Aircraft Maintenance & Annual Inspections  
Tube & fabric work a specialty  
Tailwheel & aerobatic instruction in Decathlon  
Refurb 1981 Cessna Skyhawk for rent  
**Lance Bartels 812-322-6762**

## Burn Wood/Waste Oil/Corn

**Sherrill's Heatmor Furnaces**  
Dave & Rita Sherrill, 812-569-2242

## Huddleston Aviation Services

Cherokee 140 & J-3 Cub. Renters insurance required. Call Ron, 812-767-0615  
**Sport Pilot and Tailwheel training.**

## Red Star Pizza Company

Located 1515 W Tipton, Village Center, near Jay-C+. Open Mon-Thur 11-9, Fri-Sat, 11-11, Sun 4-9.  
Call 812-519-2068 to place an order.  
**Beer now available!**

## House Painting, Interior & Exterior

Call Jeff Kleber at 812-525-2042 for an estimate.  
Clean, neat work by a full-time professional painter