

Vol. 3, No. 8, October, 2007

# ***LEADING EDGE***

## **Introduction to Flight**

**Saturday, September 15, 2007**

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Photo by Bill Huffman

## *EAA Chapter* **1414**

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### Mission

### Statement

**Promote,  
encourage  
and facilitate  
an environment  
that fosters  
safety, education  
and high standards  
in the design,  
construction,  
restoration and  
operation of all  
types of recreational  
aircraft, as well  
as, nurture  
camaraderie  
and friendship  
amongst all  
members!**

## **Location, Location, Location!**



In September EAA Chapter 1414 held its meeting in our new location at the Vintage Wings & Wheels Museum for the first time. We would like to take this opportunity to thank the Museum staff and directors for providing a beautiful space for us to meet. The Museum is located at 5151 Orth Road on the North side of the Poplar Grove Airport. Meetings are held on the second Tuesday of the month at 7:00 PM.

Join us at the Museum on Tuesday, October 9, at the Museum to hear Andy Meyer, F-16 pilot.



We also want to thank Steve and Tina Thomas for providing us a home in their spacious hangar for the past two years.

**On the Cover:** Cessna 177 Cardinal taking off at the Young Eagles event on September 15. This photo is courtesy of Bill Huffman who was attending with his son.

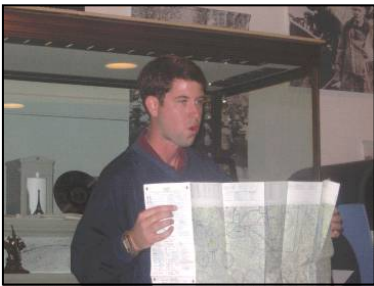
NOTE: EAA Chapter 1414 does not project or accept any responsibility for the participation by any newsletter reader or Chapter member at any fly-ins, functions, forums or events that may be publicized in this newsletter. All material herein of a technical nature is for reference only and is not necessarily recommended or approved by the editor of this publication or any official of Chapter 1414. This publication is produced only as a medium of communication amongst members and friends of Chapter 1414.



## September Meeting

The September 11 meeting began when our chapter president, Steve Langdon, asked for a moment of silence to commemorate the sixth anniversary of the violent attack on our country on September 11, 2001 and to honor its victims.

Randall Harris, CFI, was the guest speaker. Randall is an instructor at the Poplar Grove Airport. He explained the uniqueness of the airspace around the Rockford Airport (RFD). Randall offered to lead a tour of the Rockford Control Tower. See the website ([www.eaa1414.org](http://www.eaa1414.org)) for details.



Vice-president Lee Hilbert presented Randall with a Chapter 1414 logo polo shirt to show our appreciation for his presentation.

Chapter 1414 shirts and other merchandise are available for purchase. Those interested should contact our treasurer, Bernie McLean.

Allen Pollack of the Sun City Flyers was there to invite our group to participate in some joint activities. The Sun City Flyers are a group whose members are 55 or older that meets in Huntley, Illinois.

Dean May, Education Committee Chairman, announced his plans to reinstate the Little Red Schoolhouse lessons that he used to give for Chapter 790. He intends to hold them before our monthly meeting with the beginning date to be announced at a future meeting. Topics will be on what you may have forgotten or would like to know about flying.

The guest speaker for the November meeting will be Andy Meyer. Andy is an F-16 pilot. He will be giving us the Military/ F-16 Briefing. The meeting takes place on October 9 at the Museum on the north side of the airport on Orth Road.



*Newsletter editor thanks Bob O'Quinn for submitting an outstanding September cover photo at the September meeting.*

## *Events Calendar*

- |                      |                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>October 9</b>     | Chapter 1414 Board of Director's Meeting, <b>Vintage Wings &amp; Wheels Museum</b> , 5151 Orth Road, 5:45PM . All Members are welcome. |
| <b>October 9</b>     | Chapter 1414 Monthly meeting, <b>Vintage Wings &amp; Wheels Museum</b> , 5151 Orth Road, 7PM                                           |
| <b>October 12-14</b> | EAA Southeast Regional Fly-in, Middleton Field, Evergreen, AL (GZH)                                                                    |
| <b>October 25-29</b> | Copperstate Regional EAA Fly-in, Casa Grande Airport (GCZ)                                                                             |
| <b>December 11</b>   | EAA Chapter 1414 Christmas Party                                                                                                       |

## September Happenings

### Welcome To Our New Members

The months of July, August and September brought new members to Chapter 1414. In July we were joined by Peter and Debra Bapes of Poplar Grove. In August Joe and Kim Hesano of Poplar Grove and Jerry Thomas of Cary joined. September added Jim Pratt of Hoffman Estates, Allen Pollack of Huntley and Nick Grawlich of Rockford to our membership. We are so happy to welcome all of them.

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Summer may have ended, but September was still filled with many opportunities for flying and learning. Their pictures and stories are on the following pages.

Labor Day weekend was the first opportunity, when Chapter 1414 had it's first ever three-day, fly-out to Guttenberg, Iowa. No pictures—but one member reported, "A good time was had by all that attended. Carol Von Bosse brought some excellent homemade German potato salad just like Oma used to make in the old country."

Other chapter events were the **Young Eagles** event held on September 15 and the first **RV Rendezvous** (Pictures, page 6) on September 29. In addition, some of our members joined our sister chapter, 790 of Barrington, for their annual **Rose Farm Picnic** on September 22 (Pictures on page 11).

Abbie and Jay Friddell had a really exciting adventure, the **EAA Ford Tri-motor Tour**, which they share on pages 8-10.

Scott Ross, Dip Davis and Dennis Blount flew down to Benton Harbor for the **Cessna 140/150 Convention** on September 13. See page 7 for their story.

## Young Eagles News



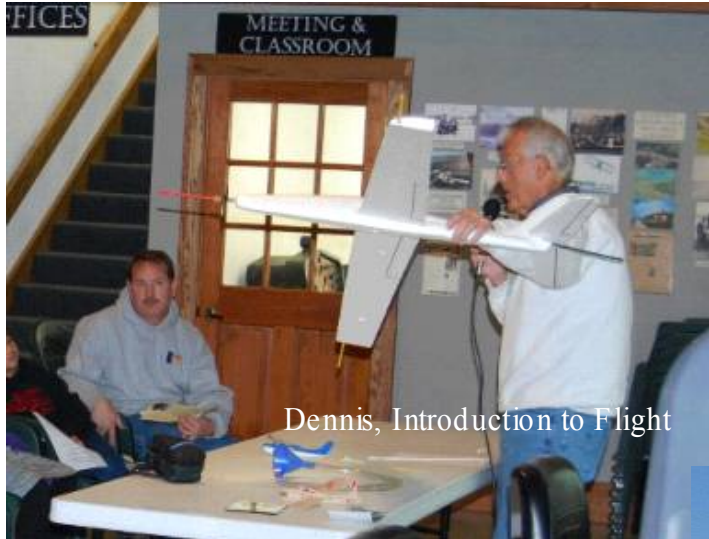
On Saturday, September 15, EAA Chapter 1414 joined with the Vintage Wings & Wheels Museum for their second **"Introduction to Flight"** event for the year. This is a program held on Saturday mornings twice a year and is available to youth 10-17 years of age. It includes a tour of the Springfield Hangar to view current restoration projects, a ground school class on the "Theory of Flight", and a hands on preflight of a general aviation aircraft. Following this each youth receives an introductory flight. The first event was held on May 5. The program meets the criteria for the EAA Young Eagles program.

The chapter provided pilots to fly the young people in attendance on their introductory flights. Pilots from Chapter 1414 on hand were: Chuck Jansen, Abbie Friddell, Red Bainbridge, Ron Cox and Dean May. They were joined by Rick Ellis of EAA Chapter 22 in Freeport. Steve Langdon was there providing flights for the museum's YEA members. Also, at the event was Buck Wyndham, who spoke to the group about military and airline flying. Dennis Blunt was there managing everything. All the participants had a marvelous time.

**More pictures on page 5**



# Introduction to Flight/Young Eagles Event



Dennis, Introduction to Flight



Chuck, Preflight



Dean, Departure



Ron, Return



Abbie, Taxiing



Steve, Arriving with Passenger

September 15, 2007



# Inaugural RV Rendezvous

September 29, 2007





### Cessna/140150 Convention

September 13, 2007

These were taken Wed 9/12 enroute to the Cessna 120/140 Convention in Benton Harbor with Dip and me in Lil' Darling. We had a wonderful time visiting with everyone we met last year at Faribault and a buncha new faces. About 72 planes and 135 attendees. Very nicely run and a good time was had by all.



Great fun to buzz by Chicago and thumb our nose at Mayor Daley. Meigs is still landable in an emergency, looks like, still a disappointing site for those who had the pleasure of landing there in the past. Clear air on the way there and back with decent winds and great visibility. We could see Chicago on the horizon clearly from BEH. It's 64 miles across the lake from BEH to Meigs and looked close enough to touch.

We flew east from C77 using the Northbrook VOR as a NDB. Staying just five miles north of the VOR we went direct to the lake and hung a right. A couple of tall tower's are depicted on the sectional and as we got close to Chicago it dawned on me these were the radio towers on top of the Sears.



Staying just below a developing layer of puffy clouds we called Gary/Chicago for clearance thru their Delta and continued up the lakefront. We stopped at Michigan City where fuel was \$3.98/gal and then headed up to BEH for the Convention. Thursday morning resulted in a Dawn Patrol followed by a wine tour and then the day capped off with a wonderful barbecue at Watervliet Airport.

We visited Kalamazoo's AirZoo and had great fun with the flying competition on Saturday. Lee Hilbert showed up Saturday morning and we treated the early morning kibitzers to a formation pass down the active. Lee's 120 is somewhat faster than Dip's...that big hunk of iron in front of the firewall pulls nicely!

**Continued on Page 8**



*Dip Davis at Brodhead*

The trip back was picture perfect with visibility clear to the horizon and light winds on the nose that transitioned to a slight tailwind once we turned northwest for home. A quick pass over the Funny Farm's east/west where Lee Hilbert was pulling out his 120 and all too soon we're back to Charlie 77.

The 120/140 Convention will be held in Dayton, OH next year and we *might* get to take the planes over to the Wright Pat Museum. That's the hope anyway.

Scott Ross



*Dennis Blount at Brodhead*



## *Chasing the Ford*

By: Jay Friddell

Abbie and I just returned from our second tour with EAA's Ford Tri-Motor this year. Are we exhausted -- again? You betcha!! But, we both wear grins that probably won't disappear for at least another week. Before I tell you why, let me go back to the beginning.

This past spring, close friends (Jackie and Cody Welch who organize the Ford Tri-Motor tours for EAA's Flight Department), asked if Abbie and I would be willing to drive a L-o-o-ong one-ton, crew cab, long-bed diesel pick-up truck towing a good-sized merchandise sales trailer. We were to follow the tour stops of the Tri-Motor and become merchandise sales persons (that's the politically correct way of saying "store clerks"). Each tour lasts for six weeks. We worked two weeks on the spring tour, we towed the trailer from Columbus, Ohio to New Philadelphia, Ohio. From there we drove to Harrisburg, PA and then to Sandusky Ohio. For three weeks of the fall tour, we drove from Oshkosh, Wisconsin to Louisville, Kentucky, then to Lawrenceville, Georgia, and finally to Little Rock, Arkansas.

In order to do all this driving, Abbie and I had to pass a physical, that included drug testing, we had to attend a special driver training class,

**Continued on Page 9**



## Continued

and receive driver training in the rig. The truck has a D.O.T. number printed on the side, we haul merchandise for sale, so, we had to keep driver logs, just like the 18-Wheelers.

You probably are saying to yourself, “Boy, the pay must be pretty good to put up with all that driving, then sell T-shirts and hats when you get there.” Well you are right, the pay is great – but not in dollars. You see, when you work out of the merchandise trailer you meet some of the most interesting people that you can imagine. It’s kind of like being a bartender. Only the bartender hears his customer’s problems. We get to hear their aviation experiences and their fondest aviation memories. A number of people told us about riding the Tri-Motors of Island Airways to school between Port Clinton, Ohio, Put-in-bay and the islands of Lake Eire. Others told of seeing the Tri-Motors of old at their local airport or watching in aw as a “huge” Ford flew overhead en route to some exciting destination.



*Co-pilot Abbie*



*Busy Day in Georgia*

At one stop, one elderly black man would come to the airport every day and longingly watch the Ford take off and land. He would always come over to the trailer and talk to us and tell us of his aviation experiences. During this time, we learned that he was in the Air Corps during WWII and continued to a complete career in the Air Force afterwards. After a couple of days, Abbie asked if the gentleman was going to take a ride in the Ford since he was so taken with its presence. He explained, “No ma’m, I’m retired and the rides cost way too much.” After hearing this, Abbie approached the members of the Ford Tour and we chipped in for a ticket. The gentleman was told that an

anonymous benefactor had bought him a ticket and he got his ride. I think he may have guessed who the benefactor was, because he went to each member of our Ford team, shook our hands, and thanked us each profusely for his wonderful experience.

Another gentleman who would frequent our sales window daily, was a B-17 pilot during WWII. Each day, he would talk at length of his experiences. On his last day, he brought his scrapbook of his military career, and showed us pictures of himself, his airplane, and other bits of his military experiences. What an interesting man! What an interesting experiences for us!

Then, there was the “indentured volunteer” that we met in Harrisburg. Her story began a week before the Ford arrived. The chapter was doing a Young Eagles Rally for handicapped kids. She noticed that a helicopter and a couple of airplanes were flying over her house with regularity all morning, so, that afternoon, she drove down to the airport to see just what was going on.

**Continued on Page 10**

## Continued

Although she was not a kid, she was tiny, barely five feet tall, and cute as a button. They proceeded to put her on a plane and give her a ride anyway. She was so grateful for the ride that she asked what she should do. The rally chairman told her that she was now an “indentured volunteer” and that she must volunteer for all future events. Sure enough, she was briefing Tri-Motor passengers prior to each flight. She went to dinner with the Ford crew one night and I think she was planning to join EAA and the chapter in the near future.

Along the way, a couple of retired forestry service men that had been smoke jumpers turned up and purchased rides. They had actually jumped from our plane in its earlier history. Their reason for flying was that even though they had made numerous take-offs in the airplane, *they had never experienced a landing!!!*

In Lawrenceville, Georgia (just outside Atlanta) we met two Eastern Air Lines hostesses in their 80's. These charming ladies were wearing their uniforms (which still fit) and were just as bright and friendly as if they were ready to welcome us onboard their flight.



And the stories go on. There's not enough

room to tell of all our experiences this year. But this much I can tell you. If we are asked to do it again next year, you can bet we'll have our trucking logbooks dusted off, bags packed, and ready to go.



## A Brief History of EAA's Tri-Motor

1. Aug 21, 1929 – First certified and began Eastern Air Transport (predecessor to Eastern Air Lines).
  2. Oct 30, 1930 – Sold and inaugurated Cubana Airlines in Cuba.
  3. Aug 1946 – Sold to the Dominican Republic where it became Dominican “Air Force 1”.
  4. July 7, 1949 – Imported back into the U.S.A. and was converted to a crop duster.
  5. Feb 1, 1950 – Began a 13-year career of flying smoke jumpers and serving as a borate bomber in the forest service.
  6. March 1963 – Used for one season again as a crop duster in Kansas.
  7. Late 1964 – Leased to Tallmantz Aviation in California to appear in the movie “Family Jewels” starring Jerry Lewis and Sebastian Cabot.
  8. 1965-1973 – Dale Glenn toured the airplane around the country offering rides to the public.
  9. June 16, 1973 – The airplane was destroyed by a thunderstorm in Burlington, Wisconsin. Fuselage was broken into three pieces. EAA bought the airplane from the insurance company as total loss scrap.
  10. July 20, 1985 – Airplane emerged from a 12-year restoration – once again as brand new.
  11. The Tri-Motor resided in the museum for 6 years, and then in 1991, she began regular passenger flights from EAA Museum's Pioneer Airport.
  12. In 2003/4 the airplane received a complete makeover and paint job generously provided by Gulfstream Aerospace Corp. of Appleton, WI and EAA's own team of mechanics.
- EAA's Ford is currently the only Tri-Motor offering rides to the general public. In addition to her flights from Pioneer Airport she also makes two 6-week tours each year under the sponsorship of local EAA Chapters around the country.



# Rose Farm Picnic September 22, 2007

Aircraft line the runway.



Bob Porter's "new" Dart



Steve Langdon takes off



Guests enjoy the cookout.



Photos from Jay Friddell

# Buy, Sell, Trade, Give Away, or Participate!

Classified ads may be submitted by any member free of charge.

If you have an item to throw away, don't! List it here.

Remember one person's trash is another's treasure.

If anyone needs some help, list it here.

Adds will run for three months unless cancelled or renewed.

If you need any help getting your finished aircraft certified, contact me for any DAR services.

Jim Auman [jimauman@comcast.net](mailto:jimauman@comcast.net)  
630-886-0835

## Wise Words

### Night flying:

- Remember that the airplane doesn't know that it's dark.
- There are certain aircraft sounds that can only be heard at night.
- If you're going to night fly, it might as well be in the weather so you can double count your exposure to both hazards.
- You would have to pay a lot of money at a lot of amusement parks and perhaps add a few drugs, to get the same blend of psychedelic sensations as a single engine night weather flight.

Photos in this issue were furnished by Jay and Abbie Friddell, Scott Ross, Dean May, Rebecca May, Kendra Helvey and Bill Huffman. Bill was attending the **Introduction To Flight** event.



## Tailwheel Endorsement

Bob O'Quinn, CFI, is offering tailwheel checkout and endorsement in a Piper J-3 Cub, Cessna

140, or your personal aircraft.

For more information,

Telephone (847)358-7554 or

e-mail [roquinn@TurfGrassSod.org](mailto:roquinn@TurfGrassSod.org)

Interested in Joining Chapter 1414?

## Application For Membership

<b>1414 Member Information Card</b>	
Name (last, first) _____	
Spouse: _____	
Address: _____	
_____	
Home Phone: _____	Work Phone: _____
E-mail: _____	
Military: Highest Rank: _____ Branch of Service: _____ Specialty: _____	
Aviation Interest:	
Pilot Rating (past or current): _____	
Type of Airplane(s) I own: _____	
Type of Airplane(s) under construction: _____	
Type of Airplane(s) I have an interest in: _____	
Would like to join a partnership to buy or build a plane (type): _____	
Would like to see more: <input type="checkbox"/> Social Functions <input type="checkbox"/> Ground School	
<input type="checkbox"/> Outside reps from aviation tech. dealers Other: _____	
Would attend additional tech sessions (i.e. painting, welding etc.) <input type="checkbox"/> Yes <input type="checkbox"/> No	

EAA Membership No. \_\_\_\_\_ Dues: \$20 email newsletter \_\_\_\_ \$30 print newsletter \_\_\_\_

Send to:

EAA Chapter 1414

P.O. Box 399

Poplar Grove, IL 61065



**Poplar Grove EAA Chapter 1414  
Statement Of Operations  
For The Year To Date September 30, 2007**

	Quarter Ended <u>3/31/2007</u>	Quarter Ended <u>6/30/2007</u>	Quarter Ended <u>9/30/2007</u>	Year To Date <u>9/30/2007</u>
<b><u>Operating Receipts</u></b>				
Pancake Breakfasts, Functions and Snack Sales	\$ 3,390	\$ 3,725	\$ 1,970	\$ 9,085
Membership Dues , Newsletters, Merchandise	\$ 2,130	\$ 560	\$ 85	\$ 2,775
Raffles (net)	\$ 190		\$ 262	\$ 452
Donations and Miscellaneous Income		\$ 50		\$ 50
<b>Total Receipts</b>	<b>\$ 5,710</b>	<b>\$ 4,335</b>	<b>\$ 2,317</b>	<b>\$ 12,362</b>
<b><u>Operating Expenses</u></b>				
Food and Supplies For Pancake Breakfasts	\$ 2,337	\$ 1,977	\$ 1,154	\$ 5,468
Printing Postage, Name Tags	\$ 186	\$ 780	\$ 345	\$ 1,311
Donations and Miscellaneous Expense		\$ 40	\$ 500	\$ 540
Speaker Expenses	\$ 69			\$ 69
EAA Chapter Dues and Insurance	\$ 227			\$ 227
EAA Calendars for 2008			\$ 364	\$ 364
Prior Year Accounts Payable	\$ 194			\$ 194
Taxes and Legal Expenses	\$ 5			\$ 5
<b>Total Expenses</b>	<b>\$ 3,018</b>	<b>\$ 2,798</b>	<b>\$ 2,363</b>	<b>\$ 8,178</b>
<b>Net Operating Receipts/(Expenses)</b>	<b>\$ 2,692</b>	<b>\$ 1,537</b>	<b>\$ (46)</b>	<b>\$ 4,183</b>

**Poplar Grove EAA Chapter 1414  
Statement Of Financial Position  
As Of September 30, 2007**

**Assets**

**Current Assets**

Total Cash and Equivalents \$ 6,613

**Total Assets**

**\$ 6,613**

**Liabilities and Net Assets**

**Net Assets**

Net Assets As Of 12/31/06 \$ 2,236  
Changes in Net Assets Year to Date \$ 4,377 \$ 6,613

**Total Liabilities And Net Assets**

**\$ 6,613**

**Poplar Grove EAA Chapter 1414  
Funds Statement  
Year To Date September 30, 2007**

**Funds Analysis**

Total Funds On Hand 12/31/2006	\$ 4,395
Excess Of Revenues Over Expenses YTD 2007	4,183
2007 Income Collected in 2006	(1,965)
<b>Total Funds On Hand As Of 9/30/2007</b>	<b><u>\$ 6,613</u></b>

## Premeeting Checklist

- \_\_\_\_ • Bring suggestion for activities, etc.
- \_\_\_\_ • Your member profile for the Newsletter
- \_\_\_\_ • Any aviation article of interest that you would like to share  
With the other members

EAA Chapter 1414 meets on the second Tuesday of the month in the **Vintage Wings & Wheels Museum** 5151 Orth Road, unless notified otherwise in the newsletter. The meeting starts at 7:00 PM.

**Directions:** From Belvidere, IL, go north on Rout 76 approx. 3.5 miles and turn right on Orth Road. Make the first right turn and the museum is on the left.

The Newsletter is always looking for interesting articles and pictures by our chapter members. Please submit anything you have written, would like to write or any pictures that you believe would be of interest to the chapter membership. The preferred method for the editor to receive articles is by e-mail to: [mayge46@verizon.net](mailto:mayge46@verizon.net). Alternately, a ZIP disk or CD with articles written with any major word processor with a printed copy may be submitted to any board member at the meetings.

**!!Notice!!**  
Chapter 1414 has a new location for its  
monthly meetings. Meetings are being held  
at the Wings & Wheels Museum on the  
North side of Poplar Grove Airport.

P.O. Box 399  
Poplar Grove, IL  
61065

# 1414

# EAA CHAPTER

