



Chapter 506 Flight Briefing

Volume 13, Issue 5

May 2007



From the Tower:

By Art Armani

Okay, May is the month of my return.

We have selected September 8th as the Young Eagles event and JNX open house date. I have communicated this to Ray Blackmon at JNX. Now the work begins.

Mark Your Calendars!

EAA Chapter 506

May 12, 2007

Meeting Agenda:

8:30 a.m. Breakfast

9:00 a.m. Program

Location:

Chapter 506 Clubhouse

Breakfast Crew:

Mort Altman & Wayne

Milbauer

Presenter:

Gary Winter

Pre-Flight Briefing:

By Gary Winter

There is something about an airplane that can call to you even from the printed page. My Vagabond was like that. It called out to me until I made the trip to bring it home. Thought you might like to hear about the journey.

Chapter 506 SitRep:

April Meeting Minutes

By **Jack Schultz**

The Breakfast Report:

A delicious breakfast was prepared by the team of Dave and Mary Lynne Courtney.

We all enjoyed a delicious breakfast with scrambled eggs, baked ham, fresh fruit cocktail, biscuits and "ultimate" cinnamon rolls.

Meeting Start:

Bill MacKrell, standing in for Art Armani, opened the meeting at 9:02 o'clock.

The March Minutes were approved as published in the April newsletter.

Guests:

We welcomed Eileen and Roger Shanks and Linda Johnson. Eileen and Roger are members of EAA Chapter 1047. Linda, Dave's better half, joined us for the first time.

Treasurer's Report:

Bill MacKrell reported that the checkbook balance is \$1,464.99.

Member who have paid their dues are listed later in the newsletter. All newsletter readers are asked to fill out the registration form and return it to either Bill or Jack.

Old Business:

Chapter 506 is now listed with EAA for 2007.

The date for the Young Eagles and JNX open house was discussed, proposed and voted on. The date selected is September 8, 2007 and will take the place of the regular September meeting.

New Business:

The Chapter acknowledged the passing of Chuck Williams and his many contributions to the Chapter through the years.

A motion was made, seconded, and passed, that selected September 8th as the date for the 2007

Young Eagles rally at Johnston County Airport day. Art Armani will coordinate with Ray Blackmon about the details.

In order to get an up to date chapter rooster a brief questionnaire will be in the May newsletter. Please give or send the information to Jack Schultz before May 20th.

Byron and Ida May Covey will host a project trip to their home at 3217 Kentland Lane, Fuquay Varina on Saturday April 28th at 9:00 AM. Byron will be showing his beautiful Glasair. Please let Byron or Ida May know if you will be coming. Their phone number is 577- 6582.

Roger Shank invited everyone to EAA Chapter 1047's annual fly-in on September 29th at Wilson Airport. Breakfast starts at 8:00 AM.

Adjournment:

Upon motion the business meeting adjourned.

Post Flight Debriefing:

April Program:

Larry Fink presented a safety film on takeoffs, landings, pattern flight and related topics. It was interesting that more accidents occur during takeoff than during landing. It seems strange that many experienced pilots do not bother to practice these procedures. A good rule of thumb is every tenth hour in an airplane should be devoted to practice and honing your skills.

Editor's Corner:

Keep writing those articles. This is your newsletter. I only organize it for you. We need two authors each month to tell a story or give an opinion.

Send me a note or an email and see what I can do with it.

Enroute PiRep:

In Remembrance

By: Jack Schultz

Chuck Williams a long time member of Chapter 506 passed away on April 10th at the age of 85. We have lost a good friend and will miss his cheerfulness and good counsel. He was the first one to say hello and welcome me to the chapter in 1992. Chuck was an Eagle Scout and served in the 82nd Airborne during WWII. He was an engineering graduate at Purdue University and founded Triple W Airport in 1968. Chuck played a large part in acquiring our clubhouse from Piedmont Aviation. He called them every two weeks for a year before they donated the building to Chapter 506. Chuck is survived by his bride of 61 years, one son, Paul, two daughters, Joanne and Linda and three grandchildren. Chuck's dream was to fly his Cessna 152 to Alaska along the Alcan Highway. He had made a scrolled sectional map from North Carolina to Alaska. Now he can make the trip as often as he likes.

A Global Hawk Returns to the Nest



This is a picture of the Global Hawk UAV that returned recently from Iraq under its own power. (Iraq to Edwards AFB in CA) - Not transported via C5 or C17. Notice the mission paintings on the fuselage. It's actually over 250 missions. That's a long way for a remotely-piloted aircraft. Think of the technology (and the required quality of the data link to fly it remotely). Not only that, but the pilot controlled it from a nice warm control panel at Edwards AFB. It has really long legs - - it can stay up for almost 2 days at altitudes above 60k.

Sun'n Fun 2007

By: Ron Normark

Gary Winter, sitting in the back seat of our Comanche, took this picture of Jordan and I as we flew back from Sun'n Fun. Not much new there, but we had a great time camping with Wayne Milbauer. Thanks to Wayne, we ate very well in his pickup camper. We arrived Monday with a good tail wind in time to see the huge pall of smoke from the Wheeler Express accident off the end of 27.



Super Cub on Floats

By: Ron Normark

Here are the floats temporarily fitted to the Cub fuselage. They have been etched, alodined, epoxyed, primed and painted with float lacquer. I know you liked them on the BMW, but the PK 1800's really work better on a Super Cub.



EAA Chapter E-Gram News:

Title: Youth Education Program Ideas
Chapter: EAA Chapter 729, Columbus, Indiana
Editor: Mike Foushee

For several years, Brett Herrick with assistance from other chapter members has conducted aviation oriented classes at the Foundation for Youth in Columbus. He has funded this program himself with some financial assistance from the Columbus Airport and Chapter 729. The programs were initiated as a compliment to the Young Eagle Flight Program. The following is Brett's update on the FFY programs.

At the FFY, the classes continue to use the "Flight Site" that was at Parkside School. But, I have expanded these classes to include the following projects:

- Fantastic Flyer balsa glider
- FFY Flyer balsa glider
- Delta Dart balsa/tissue rubberband airplane
- "Bottle Rockets"
- Sled Kites
- Making Wooden Airplane Ribs
- Fly a remote control model airplane
- Flying Microsoft Flight Simulator
- Participating in a Young Eagle Flight Rally

There are two different ways to look at what the students gain by participating in these classes. Both are equally valid. First and most obvious, these classes are a chance to learn about aviation. The students learn about aviation by learning some affordable/age appropriate ways to be involved in aviation, some basic model making skills and they have fun. To do this, I have a series of projects that the students build and fly. Beyond this, they can fly a flight simulator or get to go flying in an airplane. The second way to view these classes is that it chance to learn basic skills that can be applied in many different ways. The skills learned can include basic math and science, weather, how to make things, goal setting and working in a group. The FFY calls this "stealth learning". I use aviation to make the classes interesting but we are teaching skills that can be applied elsewhere.

One of the things that I have found is that these classes need to be adapted to where ever they are offered. An example of this is that the Parkside Elementary School library, where we previously offered classes, has a great balcony for launching gliders. Whereas, the classes at the airport offered

a nice outside area for flying models (i.e. outside the fence) and the ability to take the kids out on to the airport ramp when the models are drying. The classes at the Foundation for Youth have the ability to reserve the gym for flying models. But, these FFY classes need to be more flexible as attendance varies depending if the students are able to attend each week (i.e. may depend on which parent they are staying with that week or when they are getting picked up).

For these classes each student has their own set of tools that they use. This allows each student to focus on their own project. Students do not have to spend time figuring out where the needed tools went or if someone is making their project faster then them. Further, every attempt is made to use tools that are low cost and can be purchased locally (i.e. this gives examples of what they could use if they want to be making models at home). The cost of the contents of these kits is approximately \$30 each.

In making the model airplanes we want the students to learn how to build the models correctly and safely. The tools that the students use have been selected to be as safe as possible. Rather than use single edge razor blades we use razor blade holders to keep fingers further away from the shape edge. The modeling knife that we use can not roll off the table. Students are directed to keep knives retracted or covered when not in use. The glues that the students are washable (i.e. when CA glue is used it is used by one of the adults). Also, the students are told early in the first session that horseplay will not be tolerated.

Because I want to make sure each student has a chance to see their project fly and fly well, we don't let them take their projects home until they have flown it with us. This way we can show them how to adjust their projects to make them fly well. It also ensures that they leave with a sense of accomplishment about their projects rather than frustration. Further, with stories like "When I took it home, my cat jumped on it" "it got broken in my backpack" or "my little brother broke it" we want to make sure that they have seen their projects fly well. Having an indoor location at the FFY to fly the models in is a big advantage (i.e. the weather is dependable; the models can't fly away and it helps with keeping the kids together).

In offering these classes I try to make sure each group gets to see the EAA video tape "Young Eagle". This tape is ten years old but it has an

excellent message. Namely, that one needs to have goals and the only way to achieve ones goals is to work toward achieving them. It uses a boy and his chance to fly in a Curtis Jenny to demonstrate this. I view this as a very important message independent of where each of the student's interests may lead.

Another goal of these classes is to keep the cost of offering these classes as low as possible. An example of this is that the raw materials for projects are purchased in bulk and I can use my band saw to cut the wood to the needed sizes. The students then need to round off the ends and make some measurements to apply some reference marks. By the doing this, the cost of the raw materials for all of the projects except one can be kept to less than \$1.00/each. Another example is that 35 Delta Dart kits can be purchased for \$43.00. By keeping the cost low it isn't a big issue when something needs to be replaced due to errors in making the project or when repairing a broken project. Cost also is kept down by making my own jigs. Rather having to purchase the \$10.00 jigs for setting the dihedral of Delta Dart wings I made jigs from some scrap material. Also, for winding up the Delta Darts simple fixtures were made to hold them and a hand drill makes a good winder rather than purchasing these.

Part of why I offer these classes is seeing the joy that the students have in taking these classes and part is knowing these students wouldn't be learning or exposed to these things if these classes weren't being offered. The students clearly want to be in these classes as shown by the disappointment of the students that can not be fit into a particular session. Or the joy when they get to see the projects that they made fly well and the surprise in finding out they get to take their projects home with them.

Enroute PiRep:

Members – Paid Up Dues for 2007

By **Bill MacKrell**

Mort Altman
Ken Arnold
W.T. Bailey
Gabriel Condie
Dave Courtney
Byron Covey
Dan Harden
Tom Hall
David Johnson
Wayne King
Robert Lee
Bill MacKrell
Michael Maltby
Joe Mancusi
Wayne Milbauer
James Nutt
Bob Parker
Jack & Helen Schultz
Robert Scott
Greg Siebert
Gerald Stein
Ken Yetter

Members – Paid Up Dues for 2008

Dan Harden

Unpaid members, please send your dues to:

Bill MacKrell
3 Home Croft Court
Durham, NC 27703

EAA Chapter 506 Membership Information Update Sheet

Date: ____ / ____ / 2007

Name: _____

Address: _____

City: _____ State: _____ ZipCode: _____

EAA Number: _____

Spouse's Name" _____

Telephone #: _____

Email Address: _____

Aviation Interests: _____

Airplane Projects: _____

Airplanes Owned: _____

Pilot Certificates and Ratings: _____

Mail this completed update to:

Mr. Jack Schultz
1512 Ramson Court
Raleigh, NC 27603

Flight Crew Schedule:

EAA Chapter 506 – Meeting Coordinators for 2007

Mtg	Date	Member	Topic
1	January 13	Art Armani	2007 & Race to Oshkosh
2	February 10	Byron Covey	Stall Speeds
3	March 10	Dr. Nutt	“CSI” – FAA Style
4	April 14	Larry Fink	Takeoffs and Landings
5	May 12	Gary Winter	A Vagabond comes home
6	June 9	Mort Altman	
7	July 14	Greg Siebert	Pilot Insurance
8	August 11	Ken Arnold	
9	September 8	Art Armani	Young Eagles / JNX open house
10	October 13	Dave Courtney	Paul Forehand – New Planes
11	November 10	Gabe Condie	
12	December 8		Christmas Dinner Party

If you are a Meeting Coordinator, please send an email to me at davidcc@mindspring.com with your topic so the chart can be updated.

A paragraph or two or three or four about your topic is due three weeks before the meeting so that we can “sell” the meeting to the members.

EAA Chapter 506 – Breakfast Crews for 2007

Mtg	Date	Crew
1	January 13	Ron & Nancy Normark
2	February 10	Committee fill in
3	March 10	Gabe Condie
4	April 14	Dave & Mary Lynne Courtney
5	May 12	Mort Altman & Wayne Milbauer
6	June 9	Gary & Judy Winter
7	July 14	Larry & Debbie Fink
8	August 11	Joe & Roxanna Mancusi
9	September 8	No scheduled breakfast event.
10	October 13	Ken Dunaway
11	November 10	Norman & Cynthia Smit
12	December 8 pm	EAA 506 (covered dish) Annual Christmas Dinner Party

Helpful hints:

- Plan your breakfast for 30 people.
- Bring your food and receipts.
- Cook and serve / Unpack and serve / Open and serve.
- Clean up and haul trash away.
- Invite helpers.

Hangar Bulletin Board:

EAA Monthly Meetings:

EAA 297	7NC1	First Saturday	9:00 am	Burgaw – Stag Airpark
EAA 1047	W03	First Saturday	8:00 am ¹	Wilson – Wilson Industrial
EAA 506	JNX	Second Saturday	8:30 am	Smithfield – JNX Clubhouse
EAA 879		Second Saturday	10:00 am	Durham – Lake Ridge FBO
EAA 1114	NC81	Third Saturday	8:00 am	Apex – Bobby Cox field

¹ Pancakes at 8:00 am, meeting at 10:00 am.

Miscellaneous:

Interesting Web Addresses

Online sectionals www.skyvectors.com
Cheap auto gas <http://autos.msn.com/everyday/gasstations.aspx?zip=&src=Netx>
Cheap AV gas www.airnav.com/fuel
NC Aviation Museum www.ncairmuseum.org (located at the Asheboro Airport)

Thumbtacked Items:

Woods Aviation;

Specializing in Poly Fiber Products.
Also available are FAA DAR services,
aircraft maintenance and fabric aircraft
restoration.

919-581-0640

919-581-0690

919-581-0830 (Fax)

Private Pilot Ground School:

Johnston Community College

Instructor: Robert Parker

Time: Tuesday and Thursday evenings
6:30 pm to 9:30 pm

Date: Start on 5/15/2007

End on 8/15/2007

Total time: 72 hours

Tuition: \$100 prepaid registration required

Books: \$100 (see website listing)

Location: JCC – Elsee Bldg. – 115

Looking for a partner:

IFR capable, flying, experimental long ez
needs a partner to share cost and flying.

Contact Arthur Armani:

akarmani@earthlink.net or

phone: 919 818 5631.

“Your item goes here.”

EAA Chapter 506:

Clubhouse @ 3149 Swift Creek Road, Smithfield, NC 27577

Visit Chapter 506's Website

<http://www.blueasp.com/506/>

The submission deadline for newsletter articles is generally two weeks before the next meeting. Articles appearing in this Chapter newsletter may be reproduced in full, only if proper credit is given to the author and the Chapter 506 Flight Briefing.

President	Art Armani	919-894-2772
Secretary	Jack Schultz	919-779-0261
Treasurer	Bill McKrell	919-598-9816
Facilities Manager	Dan Harden	919-550-5177
Technical Counselor	Bob Scott	919-359-2865
TC Emeritus	Bob Woods	919-581-0640 or 0690
Flight Advisor	Joe Mancusi	919-661-4130
Newsletter Editor	Dave Courtney	919-656-5891
Librarian	Bob Scott	919-359-2865
Young Eagles Coord.	Art Armani	919-894-2772
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Send Flight 506 news submissions to Dave Courtney, EAA Chapter 506 Newsletter Editor, 102 Parkview Circle, Cary, NC 27511, or by email to davidcc@mindspring.com. Please put EAA 506 in the subject line.

EAA Chapter 506 Newsletter
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Cary, NC 27511



TO: