



# Flight 506 News

Volume 11, Issue 8

August, 2005



## Chapter Events

### Mark Your Calendars!

#### ➤ Saturday, Aug 13th, 2005

EAA Chapter 506  
Meeting  
8:30 am Breakfast  
9:00 am Meeting  
at the Chapter 506  
Clubhouse

Breakfast will be provided  
By the Breakfast  
Committee at a cost of  
\$4.00 per person.

## President's Corner

By Dan Harden

In W.W.II, the well known saying was "UNCLE SAM NEEDS YOU". Now, considering the age of most of our club members, uncle Sam not only does not need us, he don't even want to hear from us!

But take heart, because UNCLE WOODY NEEDS YOU! Enlistment length is only 1 day - October 8, 2005 at Johnston County Airport day, where those enlisted will be registering, teaching, and flying kids. This event will require the effort of all Chapter 506 members, as well as volunteers from other EAA clubs.

Johnston County Airport management and EAA 506 have a good working relationship, and this is one way we can say thank you for the consideration the airport people have shown us this year. It's also a lot of fun flying kids for the EAA Young Eagle Program.

Please call your 506 recruiters today (Jack Shultz at 779-0261 or Dan Harden at 550-5177, and sign up for the position of your choice (see page 2 for details).

REMEMBER, UNCLE WOODY NEEDS YOU!

## July Meeting Minutes

By Jack Schultz

Sixteen members and four guests attended the meeting.

Dan Harden opened the meeting at 9:00 AM.

Jack Schultz gave the treasurers report. Because Dan has arranged for the grass to be cut without charge, our checking account balance has remained relatively constant. In addition, the water, sewer and electricity charges have been balanced out by the income from serving breakfast, so Dan initiated a discussion about our dues structure, and the following resolution was made, seconded and passed:

Sixteen members and four guests attended the meeting.

## June presentation

We forgot to thank Mort Altman for June's presentation. Mort gave an interesting and entertaining account of his career in Naval Aviation – flying all that heavy iron.

Thanks, Mort!

## July presentation

Our thanks to Bill Betts for his presentation of avionics installation and aircraft wiring techniques. His talk was very informative, especially for anyone involved in building or restoring airplanes.

## September Fly-In

By Nancy and Ron Normark

Save the date! Our annual Barclaysville Fly-in will be held on September 24<sup>th</sup>. We intend to have clear skies, 70 degree temperatures, gourmet food [you **are** bringing gourmet food in your covered dish, aren't you?]

We will supply rare and expensive beverages [tea, soft drinks] as well as the fine [paper] china, and guarantee shade [hangar] and soft breezes [fan].

A map will be included with the September newsletter. Hope to see you all there!

## Young Eagles Rally, October 8, 2005 at Johnston County Airport

The members of Chapter 506 will conduct a Young Eagles rally at Johnston County Airport on October 8, 2005. This rally will be part of Johnston County Airport's Open House Day.

Your participation is required!

### Pilot Briefing:

Number of people needed: 2  
AM Shift: 9:00 – 1:00  
PM Shift: 1:00 – 3:00  
Location: Harden's RV

### Registration:

Number of people needed: 4  
AM Shift: 9:00 – 12:00  
PM Shift: 12:00 – 3:00  
Location: Registration Table

### Ground School:

Number of people needed: 2  
AM Shift: 9:15 - 12:15  
PM Shift: 12:15 - 3:45  
Location: Conference Room

### Pre Flight Inspection:

Number of people needed: 2  
AM Shift: 9:45 to 12:45  
PM Shift: 12:45 to 4:00  
Location: Ramp

### Dispatcher:

Number of people needed: 2  
AM Shift: 10:00 - 1:00  
PM Shift: 1:00 - 4:15  
Location: Ramp Gate

### Certificates:

Number of people needed: 4  
AM Shift: 10:00 - 1:00  
PM Shift: 1:00 - 4:30  
Location: Certificates Table

### Runners:

Number of people needed: 2  
AM Shift: 9:00 - 12:30  
PM Shift: 12:30 - 4:30  
Location: Dispatch and Cert

### Lunch activity:

Number of people needed: 4  
Time: 11:00 - 2:00  
Bottled water and lunch for volunteers and pilots will be available in Harden's RV.

## Task Descriptions:

### Pilots

Pilots will be available at their discretion. Pilot briefing will begin at 9:00 AM. Pilots must get a pilots information clipboard from the pilot briefer before flying. Flying will start at 10:00 AM and end at 4:15 PM. It would be good if pilot breaks are staggered. Fuel for aircraft flying Young Eagles will be supplied by Johnston County Airport.

## Pilot Briefer

The pilot briefer will take the completed pilot information form and attach it to a clipboard for each pilot. He will also brief the pilots on the ground and air traffic patterns, as well as the parking areas, fueling procedures and lunch arrangements.

## Registration

The registration area is the first area the Young Eagle will visit. The responsible adult who accompanies a Young Eagle will fill out and sign the EAA registration form. No one can fly without a properly signed form.

Registration volunteers will check the form for legibility and correct information and, if acceptable, will assign a number to the Young Eagle and write that number in the upper right hand corner of the registration form. The numbers should also be recorded in a log at the registration table to prevent a number from being used twice or from being skipped. The number will also be written on a Young Eagle card and that card given to the Young Eagle with instructions to keep the card through ground school and pre flight and then give the card to the dispatcher. The registration volunteers will instruct the Young Eagle to wait in an assigned area until a ground school session starts at fifteen or forty five minutes past the hour. One of the runners will then escort a group of up to twenty registered Young Eagles (lowest numbers first) to the ground school.

Registration volunteers will continuously forward the numbered registration forms to the volunteers at the certificate preparation table.

## Ground School

Ground school will take approximately twenty five minutes for each group of twenty Young Eagles.

The ground school volunteer will make sure every Young Eagle has a numbered card from the registration table. If anyone does not have a card, he must return to registration and get one.

Ground school will cover the following subjects:

1. Using a model airplane point out the four forces acting on an airplane in flight. Explain how an airfoil generates lift, how ailerons, elevators and

rudder affect an airplane's attitude and how a propeller produces thrust.

2. Explain what will occur during their flight. Cover entering the airplane, start up, taxi, pre take off checks, take off, cross wind leg, down wind leg, base leg, final approach, landing, taxi in, parking and shut down.
3. Safety. Emphasize the need to: follow instructions, stay with your pilot while on the ramp and explain how dangerous a spinning propeller can be.
4. Questions. Use your own judgment on the question and answer time.
5. It is important to limit the time for each group to twenty five minutes. At the completion of the class, escort the group to the pre-flight inspection area.

## Pre-Flight Inspection

The pre-flight inspection should take about twelve minutes for each group of ten Young Eagles. A volunteer from the ground school area will escort Young Eagles to the pre flight inspection waiting area.

The pre flight inspection volunteer will make sure everyone in the group has a numbered card. If anyone does not have a numbered card, they must return to the registration table and get one. The pre flight inspection volunteer must wear an orange safety vest when on the ramp.

Start the pre flight by telling everyone to remain in the pre flight inspection area until the inspection is over. Explain the purpose of the pre flight inspection and why it is conducted only before the first flight of the day. The inspection should include the following areas:

### Cockpit

Make sure the ignition switch is off. Turn the master switch on, check fuel levels then turn the master switch off. Put the fuel selector to its proper position and check to make sure all baggage is secure.

### Tail Area

Check tail surfaces for freedom of movement and check hinge and attach points.

**Right Wing**

Check aileron for freedom of movement. Check aileron and flap hinge and control attach points. Check pilot tube. Check wing surfaces, fuel level and fuel caps. Explain how to drain fuel from quick drain fittings. Check landing gear.

**Nose**

Check engine oil for condition and level. Check propeller and spinner for nicks and security. Check cowling openings for dirt or other foreign matter such as bird's nests. Check nose wheel strut and tire. Point out quick drain fittings.

**Left Wing**

Perform the same inspection on left side as on right wing.

**Questions**

Use your judgment on how much time to spend on questions and answers. It is important to limit the time with each group to twelve minutes. When the pre flight inspection is completed, escort the group to the dispatch waiting area.

**Dispatcher**

The job of the dispatcher is to assign individual Young Eagles to a specific pilot. The dispatcher must use good judgment in making these assignments. In most cases, a pilot can take one or three passengers (two or four place airplanes).

Pilots will give the dispatcher their pilot information clip board when they are available to fly. The dispatcher will assign one, two, or three Young Eagles to the pilot. Any pilot flying a Young Eagle at the rally must get a pilot information clipboard from the Pilot Briefer.

When a Young Eagle is assigned to a pilot he or she will give their card to the dispatcher who will attach it to the pilot information clipboard. The clipboard and cards will be picked up by a runner and taken to the certificate table in a timely manner so that the Young Eagle certificate can be ready when the pilot returns from his flight.

**Certificates**

The certificate preparation volunteers will use the registration forms, the pilot information, and the Young Eagles cards to prepare certificates.

The registration forms are then filed in the completed registration box and the Young Eagles cards filed in the card box.

The completed certificates are attached to the pilot's clipboard and set aside for the returning pilot. When the pilot returns, he will bring the Young Eagles directly to the certificates table. The pilot will receive the prepared certificates, sign them, and give them to the Young Eagles. The pilot and Young Eagles are then free to leave.

**Safety**

Safety considerations come first! Anyone entering the ramp area must be escorted by a pilot. When the Young Eagles are in the ramp area they must stay with, and follow the instructions of their pilot

**From AOPA ePilot**

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**NFL Season Approaching; Pilots Should Avoid Stadiums**

It is still hotter than a turbocharged engine in a maximum-performance climbout in many parts of the country, but the nation's favorite fall sport kicks off in less than a week with the first NFL pre-season games. And with that, a reminder about the stadium temporary flight restriction (TFR)—you're not supposed to fly below 3,000 feet agl within 3 nm of any stadium having a seating capacity of 30,000 or more people in which a "Major League Baseball, National Football League, NCAA Division One football, or major motor speedway event is occurring." We've compiled a handy list of every major stadium in the United States, including their GPS coordinates. We also give you links to the sports schedules, so you know when the games are being played.

Go to <http://www.aopa.org/whatsnew/stadiums.html> to see AOPA's list of major league stadiums, and links to the event schedules.

## 2005 Chapter 506 Programs & Activities:

<i>Date</i>	<i>Program Responsibility</i>
January 8	Neal Foote
February 12	Dan Harden
March 12	Joe Mancusi
April 9	Jack Schultz
*April 23, Saturday	Visit to the Schultz's to see their Zenith 601 HD
May 14	
June 11	Mort Altman
July 9	Larry Fink
August 13	
September 10	Dan Harden
October 8	Joe Mancusi
November 12	Jack Schultz
December 10	

\* Between meeting events

## Classified Corner

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# **Flight 506 News**

EAA Chapter 506 Newsletter  
201 Pheasant Run  
Clayton, NC 27520



**TO:**