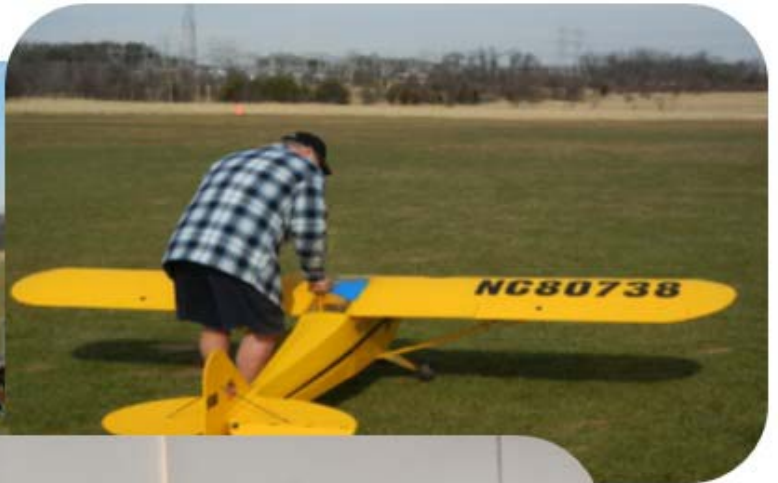


February 2012

Free State Aeromodelers

INFLIGHT



Pictures taken recently at the field and at the FSA indoor fly-in held in January at the Laurel Armory

FSA INFLIGHT



2011 Officers and Staff

President

Dave Wilson

Vice-President

Jorden Epps

Treasurer

Tom Salamon

Membership Secretary

David Heinmuller

Recording Secretary

Jorden Epps

Newsletter Editor

William Kahl

Safety Officers

Jerry Richards

Lee Harris

Field Manager

Gary Heath

Flight Training Coordinator

Rob Clark

Video Librarian

David Heinmuller

Web Master

Rob Clark

Web Host

Marty Kiely

The President's Corner

by Dave Wilson

Well it time to clean off the work bench and complete the project you started last year, or start a new one. I have two projects to complete, and some repairs to be made before flying season this year. I need to order some parts, and get some new batteries for my receivers. I would like to see a lot of new planes at the field this year.

The weather has not been that bad so far this winter, and I have been out at the field a couple of times in January. I was surprised how long it took to warm-up the engines.

The safety tip for the month:

Just a reminder all low passes are to be done at the outer edge of the field, and please look before making a low pass or landing. Please lookout for the other guy. Always check the field before landing, takeoffs, or low passes. Also, remember to inform the other pilots of your intentions, whether you're retrieving an airplane from the runway, landing, or taking off. Remember, if you think safe you'll fly safe.

The meeting this month is at the Aquatic Center, on Friday February 10th starting at 7:30 PM I hope to see you there.
David

Freestate Aeromodelers

Meeting Minutes 1/13/2012

Officers Present:

- D. Wilson, President
- D. Heinmuller, Membership Secretary
- T. Salamon, Treasurer

Minutes recorded by T. Salamon

Meeting called to order at 7:33 pm at the Fairland Swim Center

Membership report from Dave Heinmuller

Renewals

35 regular individual

1 Park flyer

11 regular families

69 total renewals including officers and lifetime memberships

In 2011, FSA had 176 members, anticipate about the same this year.

Discussion of MS Access database acquisition

Jerry Richards to investigate purchase of MS Access for member list management. Purchase proposed, seconded, voted on and approved.

Discussion of Club roster

Not to be published on web.

Printed roster to be compiled for distribution to membership.

Copy will be kept in the trailer at field as well.

Treasurers report from Tom Salamon

Annual budget estimate report presented.

Discussion of establishment of discretionary field maintenance account administered by Gary Heath.

Discussion of Field Entrance sign – Art Design competition.

Discussion with Laurel High School underway.

Students will design and present proposals at meeting.

Winner to be selected by membership at meeting.

Discussion of Rules and By-Laws

Field rules will be posted at field

By-laws to be brought up to date and posted on web site.

Discussion of Changes to flight training

Award new pilots certificate and “wings” at meeting.

Discussion of meeting programs and member attendance

Need to keep meetings brief.

Need to institute and publish a schedule of programs for monthly meetings.

Possibly re-introduce raffle.

January Meeting Minutes Continued:

Discussion of Newsletter

Members expressed the opinion that newsletter email is disregarded; more people will read the printed version. Alternative methods of postage to be investigated. Newsletter should contain agenda/program for upcoming meeting.

Newsletter to be posted at Field.

Meeting minutes to be posted at field.

Discussion of airfield matters

Kirk Adams delivered "Private property, No Trespassing" sign for field gate.

It was agreed to erect a bulletin board at the field.

Members were reminded to practice safe handling of aircraft. 2 Major injuries at the field in 2011 remind us that we all have to be more attentive to safety matters. Help out by holding, watching, and speaking out. Possibility of Safety Officers mentioned, no action taken yet.

Discussion of other club activities

Movie **Red Tails** to open in theaters January 20. Interested FSA members plan to attend a screening as a group.

Indoor fun-fly at Laurel Armory January 22.

Other meeting activities

Les Hamilton conducted trivia quiz concerning the Hughes H-4, a.k.a. "The Spruce Goose"

Prize was an Evergreen Air Museum brochure about the H-4 won by Rob Clark.

Gary Heath presented an update on his latest Nieuport 17 build. Gary discussed servo mounting, fuel tank mounting, and rivets detailing, and covering.

Meeting adjourned to pizza at 9:30

Flying Here and There

by William Kahl

Hello, I am taking over as the newsletter editor from Rob Clark this month. I hope that you would take a minute to thank Rob for all the work he has put into making the newsletter great. It is not an easy task and means that you are constantly looking for newsworthy items and input from members. I am not planning to make large changes, as the current format is quite satisfactory.

I have been modeling most of my life. I joined FSA about 4 years ago to learn to fly RC aircraft. I fly glow, gas and electric airplanes. I have a shelf full of electric helicopters and too many airplanes to keep them all flying. I volunteer at Walter Reed helping wounded warriors learn to build and fly electric helicopters. You may have noticed that I have been contributing articles to this newsletter for a while. I am certainly not a journalist, so don't expect perfect grammar and style points.

I have some newsletter ideas that I would like to pursue for the newsletter, such as; 1.) a list of interesting web links related to our hobby. 2.) Several regular columns written by members, 3.) a Solve the problem puzzle where a list of circumstances is given and the readers will try to determine the cause., 4.) More member contributions, 5.) Sale items will remain in newsletter for 3 months or until they are sold. and 6.) Member milestone notices (births, graduations, marriages, etc..)

I would like to promote more aspects of the hobby in the newsletter. Aspects such as; simulator flying, gliders, First Person View (FPV) flight.

I don't have time to cover every aspect or idea each month, but I welcome your contributions at any point of the month and will collect them and post as space is available. So here we go... sit back and hang on.

What Happened?

By William Kahl /Cecil McIntyre

Here is a set of facts:

The RC engine is a DLE 55 with approximately 20 flights and has approximately 3 gallons of fuel run through it. The engine was running fine during warm up and takeoff. The engine suddenly died during a low fast pass with power. The plane glided to an off field relatively soft landing and flipped over breaking the propeller. The engine now has no compression and a tight spot at the 5-11 o'clock position after a new prop was put on.



The plug was removed and nothing unusual was seen. A screw driver was inserted into the plug spark hole indicated that the piston was moving with the crankshaft. The engine is under warranty. The engine will not be torn down by the owner as it is under warranty.

What are the possibilities of what went wrong? What happened to the engine? You will hear next month Cecil's speculation on what happened to cause this engine failure.

From the History Books

By William Kahl / Gary Heath

LIEUTENANT COLONEL HORACE MEEK HICKAM

On November 5, 1934, while practicing night landings on an unlighted runway at Fort Crockett, Texas Lieutenant Colonel Horace Meek Hickam was killed when his Curtiss A-12 Shrike serial number 33-250 of the Third Attack Group hit an embankment and flipped over. Flags flew at half-mast as the men under his command mourned the loss of their beloved leader. The full complement of military personnel assigned to the Third Attack Group at Fort Crockett, Texas marched from the post to the Malloy & Son funeral home and from there escorted the body of their late commander to the train at Union Station, as a flight of aircraft flew overhead in the missing-man formation.



Mrs. Hickam accompanied the body to Washington for the funeral at Arlington National Cemetery, where he was buried with full military honors on November 10, 1934

In 1935, a board of officers met in Washington, D.C., and recommended that the new Army Air Corps station to be constructed in the Territory of Hawaii be named in honor of Lieutenant Colonel Horace Meek Hickam. Major General Benjamin D. Foulois, Chief of the Air Corps, approved; General Douglas MacArthur, War Department Chief of Staff, issued the orders; and on May 31, 1935, the new flying field on the island of Oahu was dedicated and named "Hickam Field" which along with Pearl Harbor was the victim of a surprise attack by the Japanese on December 7th 1941.

This was a fitting tribute to the West Pointer who began his career in the cavalry then transferred to the Army Air Service and became a pioneer advocate of air power.

So why are we writing about this? A friend in Ohio is about to release this free model to the swaps page for use with the Real Flight simulator. His careful detailed work has brought this aircraft to my attention. Gary is planning to add a column about historical fighting aircraft to the news letter as his time allows.

Cool Web Links:

Swarming Helicopters: http://news.cnet.com/8301-11386_3-57369480-76/see-nano-quadcopter-robots-swarm-video/?part=rss&subj=news&tag=2547-1_3-0-20

Gas Wankel Rotary Engine:

http://www.rcuniverse.com/forum/m_10943495/anchors_10943495/mpage_1/key_/anchor/tm.htm#10943495

Hudson River Landing Animation:

http://www.youtube.com/watch_popup?v=tE_5eiYn0D0#t=109

Lindberg Flight Video: *Click on film selection then on right arrow.*

<http://www.airportappraisals.com/contact/>

Here is how the perfect RC wife acts: (may get you into trouble - but worth the laugh)

<http://www.youtube.com/watch?v=kaeTQJ3EHaI>

If you love WWI planes and simulators:

<http://riseofflight.com/en>

F-35 Sea Trials:

http://www.youtube.com/watch_popup?v=Ki86x1WKPmE

Red Bull Air Race Recovery:

<http://www.wimp.com/airplanerecovery/>

For Sale

Futaba 14MZ \$1,250.00-Jan2012

Radio in great condition, comes with 72 Mhz & 2.4 Ghz transmitter modules, a 14 channel 72 Mhz receiver, a 14 channel 2.4 Ghz receiver, a neck strap, Futaba Stylus (for the touch screen), Compact Flash card for storing additional models, transmitter case, Futaba Screen Cleaner, Manual, an extra transmitter battery, and battery charger.

The transmitter was recently serviced this past summer at Radio South: the keep alive battery was replaced as were the touch screen, and control stick pots.

Email or call Rob Clark at 301 758 6637 or rotorheadbob AT mac DOT com.

Trades for a 2008 to 2011 Chevy Corvette Z06 will be entertained.



We want to help you! If you have a plane, glider, helicopter, radio, or engine to sell, put your ad in the *FSA InFlight* newsletter.

Ads are free to club members. Send an email to [wjkahlssmd](mailto:wjkahlssmd@netscape.net) at netscape dot net

2012 Free State Aeromodelers Membership Application

First Name.		M.I.
Last Name.		
Address:		
City:		State.
Zip.	Phone:	
Email:		



AMA Information:

AMA # _____ Expiration Date _____

Type of AMA Membership: Open Park Pilot Youth

Family Members:

Name _____ Age _____ AMA No _____

Name _____ Age _____ AMA No _____

Name _____ Age _____ AMA No _____

Name _____ Age _____ AMA No _____

Dues and Fees:

Full Membership \$75 Family Membership \$85 Junior (under 18) \$15

Late Fee (Renewal on or after March 1st) \$25

Partial Year Memberships (new members only)

July 1 - Sept. 30: \$50 Oct. 1 - Nov. 30: \$35

New Members One Time Initiation Fee: \$25 *

* Junior Memberships Exempted

I am a paid up 2012 member of the Academy of Model Aeronautics (AMA) and agree to comply with the AMA Safety Code and the FSA Club Safety Rules and Bylaws. Failure to comply with these rules may result in removal of privileges as an FSA member without refund of dues!

I need flight training Yes No

I have been approved to fly "Solo" Yes No

Member Signature _____ AMA # _____

Date: _____

Signature of Parent or Guardian of applicants under age 18. _____

Mail To: Membership Secretary, Free State Aeromodelers, 3509 Blue Hill Drive, Ellicott City, MD 21042
Res. 11/01/11

Calendar of Events:

FSA Club Meeting

February 10, 2012

7:30 pm

Fairland Sports and Aquatics

Center Laurel MD

FSA Club Meeting

March 9th, 2012

7:30 pm

Fairland Sports and Aquatics

Center Laurel MD

W. Potomac High School

Indoor Fun Fly

February 18th, 2012

8 am until 2 pm

6500 Quander Road

Contact: Joe Franco

JFranco@fcps.edu or

703-718-2574

Alexandria, VA 22307



Rob Clark flying at the Laurel Armory Indoor Fun Fly

FSA INFLIGHT

c/o William Kahl

1714 Featherwood Street

Silver Spring, MD 20904

wjkahlssmd at netscape.net

February 2012 Meeting

Friday, February 10th at 7:30 PM

Fairland Sports and Aquatics Complex

13820 Old Gunpowder Road

Laurel, MD 20707