

The AVIATOR

The Official Newsletter of the
Frederick Model Aircraft Club



January 2006

See the FMAC AV Library pp 4-5
NEXT CLUB MEETING
MARCH 20—Church

Club Officers

President

Brad Davy

Vice President

Ron Grim

Treasurer

Vivian Borton

Recording Secretary

Bill Mackenzie Jr

Membership Secretary

Bart Schmidt

Sr. Advisors

Adam Strausner
Dave Kalins

Additional Contacts

Field Marshal

Carl Angleberger

Safety Officer

Carl Angleberger

Flight Instruction Coordinator

Instructors

(IP=AMA Intro Pilot)
Bill Autry—IP
Ken Sechler—IP
Henry Weeks—IP

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PRESIDENT'S PODIUM

Happy New Year ! I hope the new year finds everyone in good health, and busily enjoying something to do with model aircraft while the weather is so poor.

This month I want to write about meetings. Personally, I don't like meetings. I know there are several of you that feel likewise. Consequently, when we schedule a club "meeting", most of us begin thinking of another evening wasted, when we could be doing something more constructive. They are, unfortunately, a necessary evil in an organization such as ours, particularly when we don't see each other at the field. The meetings serve as a way for us to stay connected to friends in the club and share our common interest. To that end, I am committed to try to make our meetings more enjoyable, and more related to the hobby we are chartered to promote. As I mentioned in an email to the club, we will be encouraging club members to bring their current projects to the meetings to share and educate. I'm working on a Great Planes CAP 232 .40 that I'm going to bring. (It's my first build, so have pity !). Additionally, we'll be watching and discussing videos from the club library. There are a couple of other irons in the fire that we need to work on, but we need a quorum of 10 members to vote.

I was saddened to read in the December AMA Magazine about the passing of a former FMAC President. While I didn't personally know John Patton, the article clearly demonstrated that FMAC has a rich history, and has been instrumental in promoting model aviation in this area. I hope we can all make a New Years Resolution to honor the efforts of our predecessors, and keep our club strong and active.

See you at the meeting.

Brad Davy

IMPORTANT: If you have changed your email address in the past six months, please check with Bart Schmidt to make sure he has your current email address for his membership list.

NOTE: THE NEXT CLUB MEETING WILL BE MARCH 20 AT THE CHURCH, BRADDOCK HEIGHTS, AT 7:30 PM.



**FMAC BOARD
MEETING
December 7, 2005**

President Brad brought the meeting to order at 7:30 PM. Present for this meeting were:

- Brad Davy**
- Ron Grimm**
- Carl Anglebawrger**
- Bill Mackinzie**
- Vivian Borton**

Vivian announced that she had all the Treasurer's records and is in the process of going thru it.

Program Ideas for the New Year:

Show the Videos and DVDs at the Club meetings. Don Borton gave Bill Mackinzie 25 DVDs and with the 26 Videos the club has we have much material to View. Bring in ready to cover Airplanes and projects under construction.

Don says December News Letter is completed.

2006 Club Schedule:

- Meetings at the Church in Jan.-Mar.-Oct.-Nov.**
- Fun Fly at the Club Field in May.-Jul.-Sep.**
- We will have a News Years Day Fun Fly on Jan. 1, 2006.**

The Young Aviators Fund was discussed.

We will be contacting the Schools to introduce the Kids to Model Aviation.

The next General Membership Meeting will be Monday Jan. 16, 2006.

**Submitted by
Bill Mackinzie**

Editor's Note: When submitting material for inclusion in this Newsletter, please make it a Word file attached to an email, not an email text. Also, please limit the font style to New Times Roman, if possible, and to a font size of 12 or 14 nothing larger please.

**Newsletter
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and
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Don Borton
Editor

**Don & Viv
Borton**
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**To be added to our e-Newsletter notification list
Send an e-mail to:
webmaster@frederickmodelaircraftclub.org
Please state your name and club affiliation, if any**

John Patton—In Memorium: 1916-2005

John Edward “Pat” Patton—the 17th AMA president (1969-70) and Model Aviation Hall of Fame member—dies at his home in Frederick, Maryland , October 11, 2005, at the age of 89.

Among his many achievements in the past six decades of involvement with the Academy, John had been Free Flight Contest Board Chairman; Nats RC event director; various officers, including president, of the Frederick Model Airplane Club and the District of Columbia Radio Control Club; District IV vice-president; and AMA’s representative to the FAI.

As president John played a key role in bringing the FAI F3A (RC Aerobatics) World Championship to the United States in 1971. He also wrote several articles for MA (most recently the “2005 Southwest Regionals” in the July 2005 issue and “Searching for Free Flight Airplanes” in the May 2004 issue). He was an active and successful FF modeler.

In addition, John served as treasurer of STAR (the Society for Technical Aeromodel Research), which produced a transatlantic flight by an RC model.

Survivors include John’s wife Mary Elizabeth Lux Patton, his daughter Connie Ann Kenna, his son John E. Patton Jr., five grandchildren, a step-granddaughter, five step-children, 25 step-grandchildren, and one step-great-grandchild.

The Family requests that memorials be made in John’s memory to the Hospice of Frederick County, Box 1799, Frederick, MD 21702, or the National Kidney Foundation, 30 E. 33rd. St., New York, NY 10016. MA - AMA HQ

(This obituary was reproduced from Model Aviation, December 2005, p.10, with the express written permission of the Academy of Model Aeronautics).

Club rosters are available to current club members in good standing, via our website www.frederickmodelaircraftclub.org
Go to the bottom of the “Club Info” page and follow the instructions.

WE ARE TEMPORARILY UNABLE TO ADD NEW MEMBERS DUE TO SOFTWARE CHANGES ON OUR ISP'S SERVER.

FMAC Audio-Visual Library

This is a list of video and DVD items that belong to FMAC, or to FMAC members, which are available to club members to borrow upon request. If you have items you would be willing to share, please contact Bill Mackenzie, Jr., and we will add them to this list. If you wish to borrow anything on this list, contact Bill.

The following are the property of FMAC: [VHS]

- 14th TOC Vol. 1, Vol. 2
- OOPS Vol. 1, Son of OOPS Vol. 2, Byron Aviation Expo. 1989
- Dave Patrick Wring it out No. 1 and Chip Hyde Aero Basics
- Wring it out. Parts 2 and 3
- Dubai Air Show 1998 Arab Emirates
- Dubro Flight Show
- Top Flight Video Monokote No. 1
- Stearmans over Galesburg
- IMAC National 1999
- New England Scals Champs 1997
- Defying the limits Vol. 1
- Wright Brothers
- War Birds Star Spangled Banner 1997
- Master World Aerobatics 1999
- Sky Masters RC float fly 2000
- Ballet of the Sky 1999; 2001
- Model Sport Vol. 3, No. 2; Vol. 3, No. 3; Vol. 3 No. 4; Vol. 4, No. 1
- The Art of 3D with Frank Noll Jr.

The following are the property of Bill Mackenzie, Jr. [VHS]

- Beyond the Wild Blue
 - Vol. 1: Disintegration and Rebirth
 - Vol. 2: Korea, SAC and ICBM's
 - Vol. 3: Vietnam, The Endless Abyss
 - Vol. 4: Rebuilding for Space
 - Vol. 5: Desert Storm to the Future
- The Century of Flight
 - Korea to the Gulf War
 - The Helicopter Story
 - Cold War Skies
- Crasher 3
- Those Magnificent Men in their Flying Machines
- Top Gun
- The High and The Mighty
- Hells Angles (1930 movie by Howard Hughes)
- Waldo Pepper
- The Blue Max
- Flight of the Phoenix
 - (Original)
 - (remake)

FMAC Audio-Visual Library (contd-2)

Wings (1927 Movie Best Aerial Battle Sequences)
The Challenge of Flight
 Canopies Up
 Eject! Eject!
 Final Approach
Boys Toys Jets
Air Power and Armies
Victory at Sea: Midway is East
Beyond Top Gun
Attack for the Air
The Battle of El Alamein
Warplane
On The Power Worlds Fastest macjines
Warbirds of WW2
How to Fly the Concord
B-24 Liberator
First Flights (TV Show)

The following is the property of Don Borton

Dave Platts's "Black Art Series" [DVDs]
 Building and Fiberglassing Techniques
 No.1, No. 2, No. 3
 Detailing and Painting
 No. 1, No. 2, No. 3
 Scratch This: RC Scale Design
 No. 1, No. 2, No. 3
 The Jet Set
 No. 1, No. 2, No. 3, No. 4, No. 5
 The King Fisher
 No. 1, No. 2, No. 3, No. 4

Valley of the Giants 2002 [VHS]
Dayton Ohio Giant Scale 2003 [VHS]
Sky Masters Folat Fly 2002 [VHS]
Joe Nall [VHS]
 2000
 2002
 2003
Laferte Extreme Giants of France 2003 [VHS]



Frederick Model Aircraft Club, Inc.

2006 Membership Renewal and Application

Name: _____ Renewal New Member Since: _____

Address: _____ City: _____

ST: _____ ZIP: _____ Phone: (H) (____) _____ - _____ (W) (____) _____ - _____

Date of Birth: ____/____/____ AMA#: _____ (attach 2006 Copy)

e-Mail: _____ Radio Channels Used: _____

How would you like to receive our monthly Newsletter? Print from Website www.frederickmodelaircraftclub.org or US Mail

All members are expected to help with club activities. What areas would you like to help with?

- __ Training/Help with training __ Ground Crew/Maintenance __ Programs and Presentations
__ Fund Raisers __ Flea Market __ Wings of Freedom Air show __ Help Organizing/Run Events
__ Fun Fly's __ Other _____

Table with 3 columns: Membership Fees, January 1, 2006 to December 31, 2006, Amount. Rows include Adult Membership (\$50.00), Senior Members (\$40.00), Junior Members (\$5.00), New Member Application Fee (\$10.00), and Total.

ALL renewals for the current year are due before March 1st. Renewals received after that date are considered new and the applicant will have to be voted in and pay the \$10.00 Initiation Fee.

Conditions of Membership

I hereby agree to comply with the current Academy of Model Aeronautics' (AMA) Safety Code(s) and Frederick Model Airplane Club, Inc. (FMAC) Rules and Regulations. I also agree that I will comply with all changes and modifications that may be made to the AMA Safety Codes and the FMAC Rules and Regulations.

Applicant: _____ Date: ____/____/____

Legal Guardian if under 18: _____ Date: ____/____/____

Mail completed application with your current AMA membership information to:

FMAC Membership - c/o Bart Schmidt 101 Linden Ave., Hanover PA 17331

Makes checks payable to "Frederick Model Aircraft Club" or "FMAC"

FMAC memberships are not valid until we have verification of your 2006 AMA membership



UPCOMING EVENTS 2006

<p>January</p>	<p>HAPPY NEW YEAR!</p> <p>Jan 1st: New Years Day - FREEZE FLY - was CANCELED DUE TO MUDDY CONDITIONS AT THE FLYING FIELD.</p> <p>Jan 16th: Club Meeting, Church - 7:30pm</p> <p>Jan 21st: NVRC Snow Fly 2006</p>
<p>February</p>	<p>Feb 11th: Flea Market - Westminster Aero Modelers</p> <p>Feb 18th: SWAP Meet - Valley R/C Flying Club - see AMA mag. for details</p>
<p>March</p>	<p>Mar 18th: NVRC Auction</p> <p>Mar 20: Club Meeting, Church—7:30</p>
<p>April</p>	
<p>May</p>	<p>May 17th thru 20th - Joe Nall Giant Scale (IMAA) at Triple Tree</p>
<p>June</p>	<p>Jun 24th: NVRC "Biplane Fun Fly "</p>
<p>July</p>	<p>Jul 16th: NVRC "Big Bird Fly In at Arcola "</p> <p>Jul 22nd: Loudoun County Aeromodelers Assn 7th Annual Electric Fly In</p>
<p>August</p>	
<p>September</p>	<p>Sept 10th: Bealton, VA - Airshow and DCRC Model Airplanes</p> <p>Sept 23rd & 24th: NVRC Aerobatics/Pattern Contest</p>
<p>October</p>	<p>Oct 15th: NVRC Auction, Vienna Community Center</p>
<p>November</p>	<p>Nov 4th: NVRC "Toys For Tots Fun Fly "</p>
<p>December</p>	



From the Willamette Modelers Club of Oregon, Albany OR

By David Rosenberg

Solvents Toxicity

Technical Editor's Note: Know your solvents—they can be very useful but can have serious health repercussions if used without sufficient ventilation. Never use an ordinary electric fan to “suck” air out of a room where solvents are in use—instead set up your workroom so the fan blows air through and out of the room.

Definitions

Fire point: The temperature at which a material will take fire when exposed to a small flame.

Acetone (Dope thinner, both Nitrate and Butyrate)

Boiling Range: 130°-134°F

Fire Point: 0°F.

Toxicity: Acetone is a mild narcotic, skin irritant, and has a de-fatting action on the skin. Prolonged inhalation may cause headaches.

Storage: Use minimum volume containers, either High density polyethylene (HDPE) or Polypropylene (PP).

They have low vapor transmission, minimizing evaporation.

Safety Precautions: Use with gloves and eye protection in well-ventilated area.

This is a very dangerous and underrated solvent. Store it in sealed, solvent-proof containers in a cool place away from ignition sources such as a furnace or gas tank heaters. Do not store in a refrigerator. Accumulated fumes can be ignited from a spark from the exposed door switch. Underwriter's Labs have confirmed home explosions from flammable solvents stored in refrigerators.

Methyl Alcohol (Methanol and Wood alcohol)

Boiling Point: 146°-153°F

Fire Point: 52°F (open cup)

Toxicity: It has distinct narcotic properties. It is a cumulative poison, affecting the nervous system, especially the optic nerve, causing optic neuritis and blindness. It is an irritant to mucous membranes and skin can become dry and cracked because of the solvent action

Isopropyl Alcohol (Isopropanol)

Boiling Point: 175°-178°F

Fire Point: 67°F (open cup)

Toxicity: Not rated as a toxic compound but it is an irritant to mucous membranes and eyes and is a mild narcotic.

Rubbing alcohol is a mixture of 70% Isopropanol, and 30% water. It should be stored in bottles made from HDPE which has a low vapor transmission and minimizes evaporation. It is an excellent industrial degreaser. I have used it successfully for decades at both General Electric and General Motors to clean both metal and polymer surfaces prior to adhesive bonding. Its flammability is one of its drawbacks.

The Aviator

Don Borton, Editor
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Frederick, MD 21703

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FMAC is now flying at Toms Creek, Emmitsburg

CALL ONE OF THE BOARD MEMBERS FOR DIRECTIONS TO
TOMS CREEK

Website—<http://www.frederickmodelaircraftclub.org>

