



The President's Corner

by P.J. Ash



Hope everyone had a safe and happy Holiday season. I am looking forward to 2011 with optimism. The economy appears to be making some recovery, hopefully it will be a good year for positive news for all of us in many ways.

Speaking of news, did you see the video of the RC plane that was flown in New York city? If not, there is an article in this newsletter that provide details and the video.

What is so interesting is the implications of this event. Just think about it, the video image from a camera mounted on the foam electric plane is being transmitted back to the pilot. He is displaying this image on screen to see were to steer his plane. I bet there will be some type of FAA regulation coming to restrict the use of RC planes in populated areas.

Looking to this flying season, I have a new idea that I would like to propose to the club. As many of you are aware, I love to compete and have competed for several years. I've decided after speaking to many of you, we should host our very own competition at the LMAC. Many have said that they would like to compete, but they either feel like they don't have a qualified airplane, or they don't have the skills. I've been putting a lot of thought into how to organize a competition where everyone could compete and be on the same "playing field". So here is what I've put together.

I am designing a competition much like Top Gun. After 5 years of my Top Gun competition experience, I feel that if we put together a competition much like that, it could be fun and many if not all could join. The competition is centered around 10 maneuvers. I don't have all 10 yet, but I do know we will judge takeoff, landing, high speed flyby, low speed flyby, etc. All maneuvers will be the same for all pilots. Here is the kick! You can ONLY enter a trainer! That's right. We are going to have a Top Gun style competition with 4 channel, high wing, "Cessna type" trainers. I will put together all of the items in the rule book and will have it ready for our March meeting. I am very excited. Most everyone has an old trainer they can dust off, or you can get one used VERY cheap. Since we are not having a warbird show this year, I propose we use the same date, as to not upset the apple cart as it concerns used up weekends. If you are worried that you don't have the skill set, don't worry. All the maneuvers will be simple and performed as if a real Cessna style aircraft could do. No aerobatics or 3d stuff. Sorry Mike! Well, I hope you like this idea. I will give more information as I get it together. I think this will be a very fun event anyone can do and enjoy! Keep'em flying! PJ

Meeting Minutes

by Steve Campanelli



The LMAC General meeting was called to order by Dan Thompson at 7 PM on December 9, 2010 at the VA Hospital auditorium. Dan was covering for P.J. Ash who was absent due to illness, and Matt Hanson who was not present.

Old Business

- The November meeting minutes were distributed in the newsletter for approval. The motion to approve the minutes was made by Joe Woods and seconded by Butch Krebs. The motion was passed by the membership.

- The Treasurers Report was presented by Curtis Cox. The motion to approve the report was made by Bob Stewart and seconded by Derrick Lindsey. The motion was passed by the membership.

- The proposed LMAC By-Law changes were distributed in the December Newsletter and reviewed at the meeting by Dan Thompson.

- The By-Law change would reduce the club meetings to quarterly meetings. The newsletter would continue on a monthly basis. Additional special club meetings could be scheduled more frequently, as needed, by giving the membership the required 3 days of advance notification. There were comments and discussion on the change by Gayle Yarnell and others that suggested that the club really needs to continue to have monthly meetings to facilitate communications and club camaraderie.

- The quarterly club meetings would begin with the March 10th meeting and continue with June 9, September 8 and December 8. The Club budget must be approved at the March meeting. Election of officers to be completed at the December meeting.

- The motion to approve the proposed By-Law change was made by Joe Woods and seconded by Curtis Cox. The motion was passed by the membership.

- The LMAC slate of officers for 2011 was presented by Dan Thompson as follows:

- President: P.J.Ash, VP: not filled, Secretary: Steve Campenalli, Treasurer: Curtis Cox, Editor: Bob Cooper, Senior Advisor: Dan Thompson, Safety Officer: Butch Krebs.

- The VP duties described in the Club By-Laws were read and discussed. It is permissible for this office to be combined capacity another office.

- The motion to approve the 2011 slate of officers was made by Steve Campenalli, and seconded by Mike Lambert. The motion was passed by the membership.

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December 2010 Meeting Minutes - Continued from previous page

- The Flight Training Report was presented by Bob Cooper.
 - There were no new solos. The club has one person in training and another new person to begin training in the Spring.
 - At this point, there are a total of four instructor who have signed up to share our model aviation skills with new club members. Anyone is welcome to join us by formally signing up with an email to Bob Cooper. Otherwise, he will assume you don't have interest in this activity.

- The Swap Meet Report was presented by Joe Woods. The Swap Meet was an organizational and financial success which made \$1190. profit for the club. The motion to approve the report was made by Curtis Cox and seconded by Bob Stewart. The motion was passed by the membership.

New Business

- The Club's Federal Tax Exemption status issue was presented by Dan Thompson. Since, the club was incorporated, the IRS has made numerous changes in the filing requirements for non-profit organizations. Action needs to be taken immediately to resolve this IRS issue.
 - Dan has researched the options and proposed that the club file for IRS Code Section 507(c)(7) tax-exemption status. The AMA Document # 505-b on the AMA website has guidance and sample forms to help clubs through the documentation and IRS filing process.
 - The motion to approve this proposal was made by Joe Woods and seconded by Curtis Cox. The motion was passed by the membership.
 - Steve Campanelli and Curtis Cox will lead the effort to get the club's tax-exempt status updated with the IRS, as soon as possible.

- The Club's 2011 calendar of events was proposed by Dan Thompson to remain the same, and occur on the same relative weekends in 2011 as they were in 2010. A motion was made to approve this proposal and was passed by the membership.

- The Plane of the Month for December was the "Mini Dakota" presented by Dan Thompson. His plane was build from a Bob Selman's Micro RC foam kit using servo parts from a Horizon Hobby's BNF plane. The kit is a Mini Dakota (www.bsdmicrorc.com). Dan did a neat job building the model including some 'real nice' graphics on the wings.

- There were no program presentation for the month of December. At the next meeting, Bob Cooper will present a program on "Getting to know your Buddy Box".

With all business completed, there was a motion to adjourn the meeting. The motion was accepted by Steve Campanelli and seconded by Butch Krebs. The motion was passed by the membership. The meeting was adjourned at 8:45 pm.

Treasurer's Report

by Curtis Cox



It is membership renewal time again. Be sure to mail me your payment with the 2011 Membership Renewal forms that was previously mailed to you.

The club financial reports for all of 2010 are submitted for your review on the following 3 pages.

Below is a letter from Cardinal Hill Hospital thanking the club for our Fall Classic financial gift.

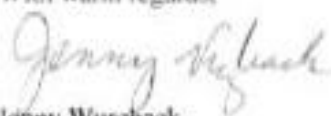
Mr. Curtis Cox
 Lexington Model Airplane Club, Inc.
 45 Woodbriar Court
 Nicholasville, KY 40356

Dear Mr. Cox:

On behalf of the many patients and families treated at Cardinal Hill Rehabilitation Hospital, our staff and the Board of Trustees, thank you for your generous gift of \$500.00.

For 60 years, Cardinal Hill has been the leader in providing physical rehabilitative care to children and adults who have been involved in an accident or have a disabling condition.

Your donation helps rebuild their lives with dignity and hope. Many thanks for your commitment to Cardinal Hill Rehabilitation Hospital.

With warm regards,

 Jenny Wurzbach

Savings Account Balance on 12/31/2010

BALANCE 12/31/2010	851.84
TOTAL INFLOWS	851.84
TOTAL OUTFLOWS	0.00
NET TOTAL	851.84

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Income & Expense Statement for 2010 (page 1 - continued from previous page)

Date	Account	Num	Description	Memo	Category	Tag	Clr	Amount
BALANCE 11/12/2009								0.00
11/13/2009	LMAC CHEC...	2035	CARDINAL ...	DONATION			R	-1,000.00
11/21/2009	LMAC CHEC...	2043	GALE YARN...	2010 DUES...			R	-20.00
11/21/2009	LMAC CHEC...	2040	MICHAEL B...	2010 DUES...			R	-10.00
11/21/2009	LMAC CHEC...	2037	CURTIS COX	ENVELOPS			R	-31.79
11/21/2009	LMAC CHEC...	2039	P.J. ASH	FOOD SW...			R	-264.12
11/29/2009	LMAC CHEC...	2045	JOE WOODS	PRINTING ...			R	-40.24
11/30/2009	LMAC CHEC...		Opening Bal...		[LMAC CHE...		R	13,506.57
12/2/2009	LMAC CHEC...	2046	ROBERTO ...	STAMPS 2...			R	-158.40
12/10/2009	LMAC CHEC...	2047	LEN GREAT...	INSURANC...			R	-20.00
12/13/2009	LMAC CHEC...	2048	CHARLES B...	GO DADDY...			R	-29.64
12/17/2009	LMAC CHEC...	2049	KU	ELECTRIC			R	-12.68
1/4/2010	LMAC CHEC...						R	5,670.00
1/10/2010	LMAC CHEC...	2050	ROBERTO ...	ENVELOP...			R	-31.64
1/11/2010	LMAC CHEC...						R	125.00
1/14/2010	LMAC CHEC...	2051	CHARLES B...	STAMPS			R	-17.60
1/14/2010	LMAC CHEC...	2052	JENNIFER ...	NUMB THU...			R	-35.77
1/29/2010	LMAC CHEC...	2053	KU	ELECTRIC			R	-13.07
1/29/2010	LMAC CHEC...	2054	JOHN ROYA...	FRINTING-...			R	-42.09
1/29/2010	LMAC CHEC...			PJ sent che...	Dues Jennings		R	75.00
2/11/2010	LMAC CHEC...	2055	Charles Broo...	Newsletter ...	Newsletter		R	-20.29
2/11/2010	LMAC CHEC...	2056	PJ Ash	Flowers			R	-15.89
2/23/2010	LMAC CHEC...	2057	KU	Electric			R	-12.62
2/25/2010	LMAC CHEC...						R	346.00
3/7/2010	LMAC CHEC...	2058	A1 Portables	Toilet Rental			R	-75.00
3/11/2010	LMAC CHEC...	2059	AMA	Club Santion			R	-90.00
3/11/2010	LMAC CHEC...	2060	AMA	GiantScale ...			R	-20.00
3/11/2010	LMAC CHEC...	2061	AMA	Cub Event ...			R	-20.00
3/11/2010	LMAC CHEC...	2062	Charles Broo...	Stamps			R	-8.80
3/20/2010	LMAC CHEC...	2063	Enrique Castro	Labor Fenc...			R	-240.00
3/25/2010	LMAC CHEC...	2064	Dan Considine	Oak Planks...			R	-120.00
3/25/2010	LMAC CHEC...	2065	KU	Electric			R	-12.42
3/25/2010	LMAC CHEC...	2066	Roberto Mun...	Supplies E...			R	-448.68
3/26/2010	LMAC CHEC...		Deposit		Membership ...		R	316.82
4/4/2010	LMAC CHEC...	2067	A1 Portables	Toilet Rental			R	-75.00
4/4/2010	LMAC CHEC...	2068	Roberto Mun...	Stamps-Tre...			R	-31.47
4/12/2010	LMAC CHEC...	2069	Matt Hanson	LMAC cards			R	-37.70
4/26/2010	LMAC CHEC...	2070	KU	Electric			R	-11.20
4/27/2010	LMAC CHEC...	2071	CURTIS COX	Stamps	Reimbursem...	Stamps	R	-7.92
4/27/2010	LMAC CHEC...	2072	Steve Camp...	Sanction Fee	Reimbursem...	Sancti...	R	-29.00
4/27/2010	LMAC CHEC...	2073	Intercession...	Web Hosting	Interest Exp	Web ...	R	-59.40
4/27/2010	LMAC CHEC...	2074	Jim Jackson	Mowing LM...	Mowing	Mowin...	R	-600.00
4/27/2010	LMAC CHEC...	2075	a1 Portables	Toilet Rental	Utilities:Port...		R	-75.00
4/27/2010	LMAC CHEC...		Deposit		Membership ...		R	413.00
5/10/2010	LMAC CHEC...		Deposit		Membership ...		R	299.00
5/13/2010	LMAC CHEC...	2076	A1 Portables	Toilet Rental	Utilities:Port...		R	-75.00
5/13/2010	LMAC CHEC...	2077	Bob Belluomin		Membership	Over p...	R	-10.00
5/28/2010	LMAC CHEC...	2078	P.J. ASH	FOOD SW...	Dining	Meetin...	R	-57.22
5/28/2010	LMAC CHEC...	2079	Matt Hanson	LMAC cards	Reimbursem...	Shippi...	R	-4.77
5/30/2010	LMAC CHEC...	2080	Jim Jackson		Mowing	Mowin...	R	-600.00
5/30/2010	LMAC CHEC...	2081	KU	Electric	Utilities:Gas ...		R	-12.25

Income & Expense Statement for 2010 (page 2 - continued from previous page)

Date	Account	Num	Description	Memo	Category	Tag	Clr	Amount
5/30/2010	LMAC CHEC...	2082	A1 Portables	Toilet Rental	Utilities:Port...		R	-75.00
6/3/2010	LMAC CHEC...		Deposit		Membership ...		R	211.00
6/7/2010	LMAC CHEC...		Deposit	R. Chambe...	Membership ...		R	68.00
6/11/2010	LMAC CHEC...	DEP	Deposit	Vintage Fly-in	Other Inc	Event ...	R	173.30
6/11/2010	LMAC CHEC...	2083	CURTIS COX	Bird Repel...	Reimbursem...		R	-457.00
6/29/2010	LMAC CHEC...	debit	Beaumont St...	Stamps	Stamps		R	-15.84
6/29/2010	LMAC CHEC...	debit	Staples	File Folders	Office Suppl...		R	-16.73
6/29/2010	LMAC CHEC...	DEP	Deposit	J Davis	Membership ...	Event ...	R	78.00
7/1/2010	LMAC CHEC...	2084	A1 Portables	Toilet Rental	Utilities:Port...		R	-75.00
7/1/2010	LMAC CHEC...	2085	Jim Jackson	Mowing LM...	Mowing	Mowin...	R	-760.00
7/16/2010	LMAC CHEC...	2086	David Estes	Food for pic...	Groceries	Meetin...	R	-12.70
7/16/2010	LMAC CHEC...	2087	Terry Booth	Food for pic...	Groceries	Meetin...	R	-60.58
7/16/2010	LMAC CHEC...	2088	Jim Jackson	Food for pic...	Groceries	Meetin...	R	-25.17
7/16/2010	LMAC CHEC...	2089	Curtis Adams	Door lock f...	Hardware	Field u...	R	-41.11
7/16/2010	LMAC CHEC...	debit	Sunbelt Rent...	Rent water ...	Hardware	Field u...	R	-88.41
7/16/2010	LMAC CHEC...	debit	Circle K	Gas for pu...	Hardware	Field u...	R	-9.15
7/16/2010	LMAC CHEC...	debit	Speed Way ...	Diesel for tr...	Auto:Gas	Field u...	R	-50.00
7/16/2010	LMAC CHEC...	debit	AMA	AMA solo c...	Education	Educa...	R	-58.00
7/17/2010	LMAC CHEC...	debit	Walmart	Food for wa...	Groceries	Event ...	R	-107.02
7/19/2010	LMAC CHEC...		Balance Adj...				R	-88.41
7/19/2010	LMAC CHEC...	2090	KU	Electric	Utilities:Gas ...		R	-12.52
7/22/2010	LMAC CHEC...	DEP	Deposit	War bird ev...	Other Inc	Event ...	R	67.00
7/26/2010	LMAC CHEC...		Ultimate Re...		Bank Charge	Debit ...	R	-25.00
7/30/2010	LMAC CHEC...	2091	A1 Portables	Toilet Rental	Utilities:Port...		R	-75.00
7/31/2010	LMAC CHEC...	2092	Jim Jackson	Mowing & S...	Mowing	Field u...	R	-665.00
8/6/2010	LMAC CHEC...	2093	A1 Portables	Toilet Rental	Utilities:Port...	Event ...	R	-185.50
8/13/2010	LMAC CHEC...	2094	Chris Woycke		IMAC	Event ...	R	-670.30
8/13/2010	LMAC CHEC...		Deposit	Line Contor...	Line Contori ...		R	120.00
8/13/2010	LMAC CHEC...		Deposit	lmac Event	lmac Event	Event ...	R	522.00
8/16/2010	LMAC CHEC...		Balance Adj...				R	286.41
8/20/2010	LMAC CHEC...		Deposit	War bird ev...	Other Inc	Event ...	R	75.00
8/23/2010	LMAC CHEC...	2095	Jim Jackson	Electric Ev...	Groceries	Event ...	R	-174.36
8/23/2010	LMAC CHEC...		Deposit	Electric ev...	Electric Event	Event ...	R	148.00
8/31/2010	LMAC CHEC...	2096	A1 Portables	Toilet Rental	Utilities:Port...		R	-89.04
8/31/2010	LMAC CHEC...	2097	KU	Electric	Utilities:Gas ...		R	-25.85
9/1/2010	LMAC CHEC...	debit	Office Depot	Folder and ...	Office Suppl...		R	-24.98
9/1/2010	LMAC CHEC...	DEP	Deposit	E Millard	Membership ...		R	68.00
9/1/2010	LMAC CHEC...	2098	CURTIS COX	Membershi...	Reimbursem...		R	-65.00
9/2/2010	LMAC CHEC...	2099	Jim Jackson	Mowing	Mowing	Field u...	R	-600.00
9/6/2010	LMAC CHEC...	2100	BCTC	Room Rent...	Rent	Room ...	R	-125.00
9/9/2010	LMAC CHEC...	2101	Bob Stewart	Repayment...	Gifts	Over p...	R	-18.00
9/10/2010	LMAC CHEC...	2102	Patric Eldson	Gravel for L...	Reimbursem...	Field u...	R	-730.10
9/10/2010	LMAC CHEC...	2103	Steve Camp...	Insurance f...	Reimbursem...	Sancti...	R	-20.00
9/13/2010	LMAC CHEC...		Deposit	E Millard	Membership ...		R	10.00
9/20/2010	LMAC CHEC...	debit	U R' Bush's...	Food for flyin	Groceries	Event ...	R	-100.23
9/20/2010	LMAC CHEC...	debit	U R' Winche...	Food for Flyin	Groceries	Event ...	R	-41.33
9/20/2010	LMAC CHEC...	debit	Kroger Winc...	Food for flyin	Groceries	Event ...	R	-73.24
9/23/2010	LMAC CHEC...	2104	A1 Portables	Toilet Rental	Utilities:Port...	Field u...	R	-370.74
9/24/2010	LMAC CHEC...	2105	KU	Electric	Utilities:Gas ...	Field u...	R	-22.56
9/24/2010	LMAC CHEC...	2106	Mid AM Dist	Raffel	Swap Meet	Event ...	R	-121.90
10/5/2010	LMAC CHEC...		Balance Adj...				R	-223.00
10/14/2010	LMAC CHEC...	2107	Jim Jackson	Mowing	Mowing	Field u...	R	-160.00

Income & Expense Statement for 2010 (page 3 - continued from previous page)

Date	Account	Num	Description	Memo	Category	Tag	Clr	Amount
10/17/2010	LMAC CHEC...debit		Staples	Envelopes	Office Suppl...	Memb...	R	-30.60
10/17/2010	LMAC CHEC...debit		Beaumont St...	Stamps	Stamps	Memb...	R	-39.60
10/17/2010	LMAC CHEC...debit		PtouchDirect...	Lable printe...	Office Suppl...	Memb...	R	-32.16
10/18/2010	LMAC CHEC...2108		KU	Electric	Utilities:Gas ...	Field u...	R	-33.25
10/18/2010	LMAC CHEC...DEP		Cash	Fall Classic	Cash	Event ...	R	706.00
10/18/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	130.00
10/18/2010	LMAC CHEC...debit		Beaumont St...	Stamps	Stamps	Memb...	R	-96.80
10/24/2010	LMAC CHEC...2109		A1 Portables	Toilet Rental	Utilities:Port...	Field u...	R	-89.04
10/25/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	1,228.00
10/26/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	295.00
10/29/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	525.00
11/4/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	305.00
11/5/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	195.00
11/10/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	348.00
11/12/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	305.00
11/12/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	110.00
11/12/2010	LMAC CHEC...Cash		Cash	Swap Meet	Cash	Event ...	R	-700.00
11/16/2010	LMAC CHEC...2110		kU	Electric	Utilities:Gas ...	Field u...	R	-20.69
11/18/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	110.00
11/18/2010	LMAC CHEC...		Deposit	Swap Meet	Event	Swap ...	R	2,201.75
11/21/2010	LMAC CHEC...2111		JOE WOODS	Swap meet	Swap Meet	Event ...	R	-44.60
11/22/2010	LMAC CHEC...2112		A1 Portables	Toilet Rental	Utilities:Port...	Field u...	R	-89.04
11/22/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	370.00
11/29/2010	LMAC CHEC...		Deposit	Membership	Membership ...		R	315.00
12/10/2010	LMAC CHEC...2113		CARDINAL ...	DONATION	Charity			-500.00
12/10/2010	LMAC CHEC...2114		Roberto Mun...	He paid the...	Reimbursem...			-12.73
12/10/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	643.00
12/16/2010	LMAC CHEC...DEP		Membership ...		Membership ...		R	260.00
12/16/2010	LMAC CHEC...2115		A1 Portables	Toilet Rental	Utilities:Port...	Field u...	R	-89.04
12/16/2010	LMAC CHEC...2116		kU	Electric	Utilities:Gas ...	Field u...	R	-20.67
12/27/2010	LMAC CHEC...DEP		Membership ...	Membership	Membership		R	520.00
11/13/2009 - 12/31/2010								18,291.18
BALANCE 12/31/2010								18,291.18
TOTAL INFLOWS								31,144.85
TOTAL OUTFLOWS								-12,863.68
NET TOTAL								18,291.18

Editor's Note

by Bob Cooper



Happy New Year to everyone !!

Now is the time to reflect back on 2010, to count our blessings, and take stock of what was important to us. By the way, you can tell what is 'important' to a person, by what they spend their 'time' on.

Relative to model aviation, our membership might note that we have a nice, big club and an awesome airfield. Our models would be counted as expendable, but our friendships are priceless. Yes, we could build and fly models without being in the club, but over a hundred of us have chosen to have a richer experience by sharing our modeling interests in this club.

Looking to the future, our New Year's resolutions might include continuing to enjoy the richness of the club experience, and to work to take our club to new heights in 2011.

There is one very important area, airfield safety, that could use some improvement in 2011. I say this because we had a number of accidents and close calls at the airfield in 2010 that could have been prevented. Most all of us had some close calls last year that could have ended up in injuries.

With this in mind, Butch and I have made a resolution to reach every member through this newsletter with a series of articles on airfield safety. We hope everyone will take time to carefully read and retain the information presented. The first of the Airfield Safety articles can be found elsewhere in this newsletter.

As we go through this year, please remember safety is not a two man effort, everyone needs to offer safety reminders as situations arise to keep their flying buddy safe. Those safety reminders should be graciously accepted in the spirit they are given. Our only desire is for everyone to have a 100% safe flying experience in 2011.

By the way, the Newsletter will continue to be published on a monthly basis. If you hear that someone is not getting the newsletter, let me know.

Also, if you have a modeling project or some news to share, please let me know. I would be glad to take photos and draft an article for you.

See you at the airfield and in the newsletter.....Bob Cooper



Airfield Safety

by Butch Krebs & Bob Cooper



This is the first in a series of newsletter articles written by Butch Krebs and me on safety at the airfield. The purpose of these articles is to increase your safety awareness so as to avoid accidents.

Looking back on 2010, we all have done some unsafe things. We have witnessed injuries, blood flowing, hospital runs, stitched up wounds, bandages and too many close calls. We have seen more injuries with small electric planes than any other type. Sometimes, we are just not thinking about what we are doing. Sometimes, we didn't follow the airfield rules that are intended to keep us safe. Sometimes, our buddies noticed something unsafe but didn't want to say anything to offend us.

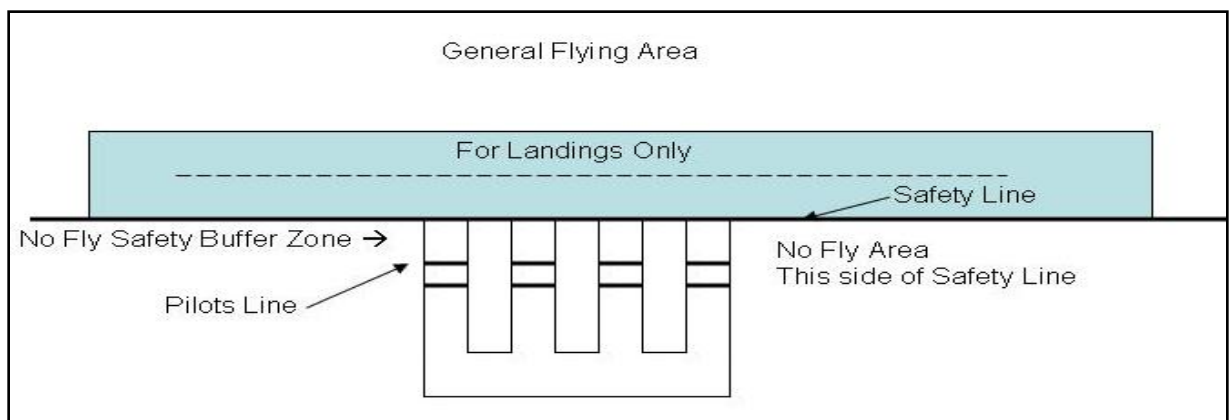


So, let's begin with a review of the documented safety rules. Remember, a rule is defined as a basic principle that 'must' be followed to ensure an activity is successful.

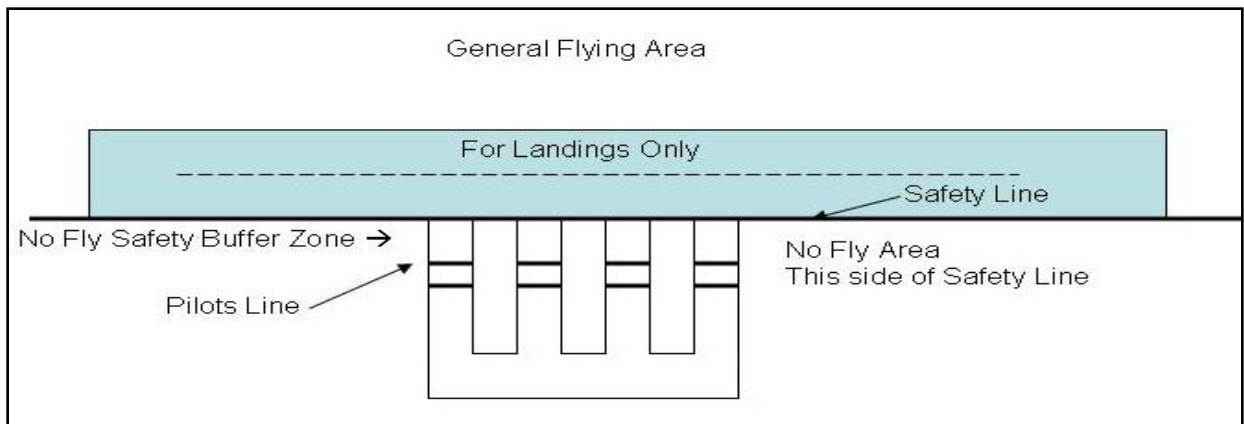
Due to space considerations, we will select a few pertinent rules from the 'AMA Safety Code'. Take time to read the entire AMA Document # 105 by clicking on this link.... <http://www.modelaircraft.org/files/105.pdf>.

AMA Aircraft Safety Code Rules – AMA Document #105 (partial list)

- Ensure the aircraft is identified with the name and AMA number of the owner.
(Editor: We see a number of planes without this.)
- All pilots shall avoid flying directly over unprotected people, vehicles or structures.
- Only pilots flying aircraft are allowed in front of safety line.
- Complete radio ground range check before first flight of a new or repaired aircraft.
(Editor: See article on range checking 2.4Ghz radios elsewhere in newsletter.)



(Continued on next page)

Airfield Safety - continued from previous page

Referring to our airfield layout, the Safety Line is the boundary line for flying which is at the edge of the runway surface. This means that flying is not permitted over the pit side of the runway. This is not as clearly defined for the crossing grass runway, but the same intent applies to it.

The pilot's position, between the double white lines, is 25 feet back from the Safety Line (at the edge of the runway). This space provides a buffer zone between pilot and plane for recovering out of control models on landing. Planes should never be taxied back toward the pilots in this buffer zone so we can avoid the possibility of a plane running away and striking someone.

For general flying, never fly over the pits or parking lot. Planes should be flown over the grassy area on the opposite side of the runway from the pilot. Never make a high speed passes over the runway. The runway is for landings, go-arounds, low & slow passes and touch & go's..

These rules apply to glow and electric planes, both large and small.

Please be aware of these safety rules and keep your flying buddies safe. Remember to graciously accept those safety reminders from your flying buddies in the spirit that they are given.

Next month we will highlight some of the local LMAC rules that are intended to keep us safe.

Fly Safe.....Butch & Bob



FAA Regulations Update

by Curtis Adams



Update on FAA Regulations for Small Unmanned Aircraft

The FAA process to create regulation for the operation of small unmanned aircraft systems (sUAS) in the national airspace continues to move forward. There's been a lot of speculation about what will be contained in the sUAS proposed rule that is scheduled to be released as a notice of proposed rulemaking (NPRM) sometime in June 2011.

AMA is continuing to work with the Unmanned Aircraft Program Office (UAPO) within the FAA and is in contact with the UAPO on a weekly, if not daily basis. Over the past 90 days there have been five face-to-face meetings with AMA and the UAPO staff.

AMA's internal workgroup, consisting of members with a diverse and knowledgeable model aviation background meet by conference call weekly and continues to develop standards that will eventually be submitted to the FAA for adoption that will allow modelers who follow these standards additional latitude from the rule.

The FAA has been invited to the AMA Expo in January. They have accepted. AMA's intent is to hold a roundtable Q&A session to help clarify a number of issues. This roundtable will be open to those in attendance and will also be taped and posted online. The Expo will also signal the beginning of an increased awareness campaign to keep the model aviation community as informed as possible as we move into 2011 and the eventual release of the NPRM. (source: AMA website)

News Flash....."RC Model Airplane flies in New York City"

A recent RC event in New York City could have major implications for the RC Modeling Community. It seems that an RC modeler, Raphael 'Trappy' Pirker, recently took his 54 inch Zephyr model plane on a harrowing flight over Manhattan and the surrounding area. His RC vehicle was an electric, foam flying wing with an onboard camera that wirelessly transmitted an amazing video of the flight. Pirker was piloting his craft by using only this video image from the plane's camera to fly the plane out of normal direct line of sight. The plane looks to be flying within a few feet of buildings and whizzing past bridges with ease. He even buzzed the Statue of Liberty. Wait until Homeland Security advisors see this video.

Click on this link to read a web article about the flight and see video from on-board camera. <http://singularityhub.com/2010/12/21/breath-taking-aerial-video-footage-from-new-york-city-taken-by-a-rc-plane/>

This is a photo of a similar flying wing electric plane, called the Zephyr, that was used for the flight (not the actual plane). The plane is build from a \$100. kit using foam core wings, two servo flight control surfaces, brushless electric motor and a sophisticated wireless camera (camera not shown.)



(continued on next page)

FAA Regulations Update - continued from previous page

The AMA issued following written response to this New York City RC flight:

“A recent video posted to You Tube depicts a First Person View (FPV) video flight of an unmanned aircraft over New York Bay; Long Island; the Brooklyn and Manhattan Bridges; Liberty Island and the Statue of Liberty; over and in close proximity to buildings, occupied vehicles and water vessels; and directly over unprotected people. The nature of the flight was outside the realm of recreational aeromodeling activity as defined by the AMA Safety Code and posed a significant threat to people and property.

Although AMA recognizes the ingenuity and creativity of this activity, it does not condone the manner in which this flight was conducted and the threat it posed to the public.

AMA has provided specific guidelines for FPV activity for its members. These guidelines and related safety considerations can be found in the AMA Safety Code and in AMA document #550, First Person View (FPV) Operations.”

by Rich Hanson, AMA Government Relations and Regulatory Affairs Representative.

(source: AMA website)

Club Event: Numb Thumb Fly – New Year’s Day

by Bob Cooper



The Annual January 1st “Numb Thumb Fly” is now in the records books. This is a somewhat accurate report on the event.

To set the stage, the weather started out with light rain falling, winds West at 5 mph and 53 degrees. Soon, the winds picked up to 17 mph gusting to 23 mph. It appears that the aircraft of choice for these rainy conditions would be some sort of amphibian plane. But, everyone chose foam electric planes.

The unpredictable weather was a good match for the participants who were also unpredictable. They said they were in the airfield shed to do some hanger flying.

As you know, this event is somewhat of a tradition intended to set the tone for the new year. However, I really don’t know how to describe what I saw, nor am I sure what to expect from these pilots for the remainder of 2011.



Club Event – Numb Thumb Fly - continued from previous page

I guess, I shall simply report the event, just as it appeared to me. However, there was some discussion among the shivering aviators about passing some money under-the-table for me to bias this report in their favor. But as you might expect, that did not materialize.

Before the event, I remember there was some boastful talk, which carried over to even more boastful talk through out the event. Most of this took place while huddled in the shed. But, from this reporters perspective I saw was little ‘action’ to be proud of.

I was not sure what to think about all of them in the shed. Perhaps, this one of those situations like ‘how many people can will fit into a Volkswagen’. Or perhaps this happened because the informal leader of the group when into the shed and they all followed like sheep. I am not sure.

While in the shed, there was discussion about the challenging weather separating the “men” from the “boys”. Or perhaps categorizing the intelligent ones from the fool hardy ones. All of this while standing shoulder to shoulder in the shed. However, when it was all ‘said’ and ‘done’, there was more ‘said’ than ‘done’. The only conclusion I could draw was that they were all in the same category, but not sure which.

The Numb Thumb Fly participants this year were: Jim Jackson, Dan Thompson, Dave Estes, Jennifer Newman, Butch Krebs, David Short, Bob Goodan, Mickey Breunig and Matt Hanson.

Of these aviators, the only 2011 “all-weather” tickets punched at the event were for Jim Jackson, Mickey Greunig and Matt Hanson who flew their electrics.

We categorized all the other participants as ‘fair weather’ fliers, who are definitely not in the same league as these three brave fliers.



Flight Training Program Report

by Bob Cooper



At this point in the year, I am happy to report that we now have 2 new members who are eager to launch their aircraft and begin the LMAC RC flight training program, as soon as weather permits. This will be an exciting, educational and memorable experience for them.

On the instructor side, we have a total of four of us who have signed up to share our model aviation skills with the new club members.

Any member is welcome to participate by formally signing up with an email to Bob Cooper. If you don't formally sign up, I will assume you don't have interest in this activity.

If anyone has 'used' trainer airplanes and equipment that they would like to sell or donate to the training effort, then let me know. As new people join the club, this equipment would certainly make it financially easier for a young person to get started in model aviation.

Range Checking 2.4 GHz Radios

by Dan Thompson



Prior to 2.4 GHz spread spectrum (SS) radios, we did range checks on our RC transmitter and receiver systems by collapsing the antenna and walking about 150 feet. This distance varied by the different brands and models of transmitters. Now with SS, I have run across two different types of range checking.

One type is the system that has no provisions for a reduced power range check. With this type you have to get in the car and drive to check it. Also, you need a helper with a cell phone or walkie-talkie.

The second type is the most common. This SS range checking procedure consists of reducing the output power to the transmitter antenna. This is done by pressing a button on the transmitter module. Then, you walk the distance recommended by the manufacturer to see if you can still maintain control. Distance is typically about 100 feet, again depending on the manufacturer.

In reading various messages from across the Internet, I have seen statements that indicate that the SS systems have a possibility of the final RF amplifier being inoperative, yet it still passes the range check. To check for this, modify your range check procedure very slightly. Continue to range check per the manufacturer's instructions. As you reach the recommended distance, continue walking until the planes receiver doesn't respond. Then, take the transmitter out of range check mode and control should be restored due to the increased power. If you don't get control back, you have a problem.

If you don't want to walk real far after passing the range check, simply point your antenna directly at the plane and kneel down to lower the transmitter near the ground. This will affectively simulate the additional distance. You can then release the range check mode to see if control is restored.

Sea Fury Project

by Mike Higgins



Vailley Aviation Sea Fury Project. Shown Nov.10, 2010. Kitted by "Precision Cut Parts" (acquired from Peter Adanick). 90" wingspan, Xenoah G62 engine, C-H Electronic Ignition, Sierra Giant Scale Retracts. Covered with Silkspan and Nitrate dope. Finished with Latex paint as per Roy Vaillencourt. Futaba '9-C' radio (2.4 Ghz) with Hi-Tec, high torque servos. All up finished weight (without engine cowling and prop) is 32 pounds. First flight probably in May 2011. Home made Decals. Color scheme used by Reno Air Racer.

There was some incongruity between the Parts, Plans, Photo set (acquired from Vailley) and available retracts. It was the closest I have ever come to 'scratch building' a plane. An extremely interesting but expensive project. Not likely to be repeated. Flaps have slightly warped due to stupidity during construction and will need to be remade. One good thing about 'Latex' paint; the clean-up is easy. The 'stand' was necessary to facilitate transport as it would not fit inside the Jeep. For me, it came out pretty well.

Next Meeting:

Thursday, March 10th at 7:00 PM
VA Hospital Conference Room,
Leestown Rd, Lexington, Ky

2011 Meeting Calendar

March 10, June 9, September 8, December 8

Regular General Club Membership meetings will be held on a quarterly basis, normally on the second Thursday of the month, unless there is a need for an additional special meeting.

LMAC 2011 Events
(tentative)

Vintage Radio Control Society.....May 28,29
 Cubs & Classics Fly-In.....June 11
 LMAC Club Picnic.....July 9
 LMAC 'Trainer' Top Gun Competition.....July 16,17
 IMAC Meet/Fly-In.....July 30,31
 U-Control.....Aug 1
 Electric Fly-In.....August 13
 Helicopter Fly-In.....September 9,10,11
 Kentucky Fall Classic.....September 16,17,18
 Swap Meet.....November 12

Winchester Barnstormer
2011 Events

(exact dates available soon)

Harold Brown Memorial Eat June 5th
 Glider Fun Fly..... July 24th
 Barnstormer Fall Fun Fly.....October 2nd
 Fall Indoor fun fly..... November 6th

2011 Club Officers

PRESIDENT

P.J. Ash
 859-537-4017
 president@lmacky.org

SENIOR ADVISOR

Dan Thompson
 senioradvisor@lmacky.org

TREASURER

Curtis Cox
 859-223-5644
 treasurer@lmacky.org

SECRETARY

Steve Campanelli
 secretary@lmacky.org

VICE PRESIDENT

Open
 vicepresident@lmacky.org

WEB EDITOR

Charles Brooks
 webeditor@lmacky.org

EDITOR

Bob Cooper
 859-272-6460
 newslettereditor@lmacky.org

SAFETY OFFICER

Butch Krebs
 859-771-4631
 safetyofficer@lmacky.org

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LMAC Newsletter Editor
1136 Greentree Ct.
Lexington, Ky 40517