

Flightlines



Inside this edition;
Grinding
Electric Indoor Masters
PSS Over Ireland



Issue 2 - 2015



Mikey Blakes Hybrid

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On the Cover: Brian Foran with his Sukhoi

***The next MACI Council Meeting will take place on Tuesday
July 21st 2015 in the Maldron Hotel, Portlaoise, at 8:00pm.***

***The views expressed within are those of the individual contributors, and not necessarily
those of the MACI Committee.***

M.A.C.I. Executive Council and Officers 2015

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Editorial

With the flying season now well under way, and the weather improving, the events calendar is starting to take place. As I write this, I am on the ferry going to the UK to visit family, and also to take in the model show at Weston Park. This annual event is one of the best in the UK and if you get the opportunity to visit it, I would recommend it. Not just model flying takes place, but some full size displays as well, plus a huge trade presence.

Once again I'm sure that you have noticed that this issue is a very short one. I have held off publication in the hope that I would receive more articles, but to no avail. It would appear that there will only be three issues again this year.

Production and postal costs are the same whether there are 20 pages or, what I aim for, 36 pages plus the cover. This is leading me to question the economic viability of producing Flightlines in the future.

With an increasing number of members electing to have the web version rather than opting to take the hard copy, I am wondering that, in this technological age, is this the more logical way of notifications for members.

I would welcome your thoughts on this via flightlineseditor@maci.ie

If you have any articles or photo's, (or both), they would be most welcome.

Safe Flying.

Chris Clarke

Electric Indoor Masters 2015

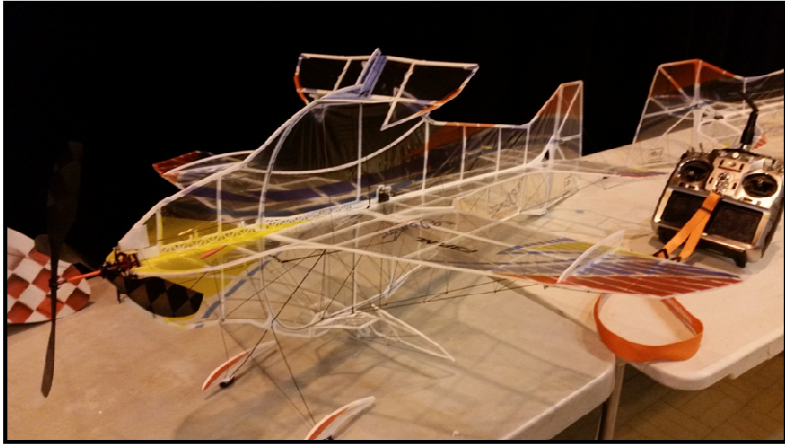
I write as I sail across the Irish sea back home from a successful and enjoyable competition at the BMFA Electric Indoor masters held in Barnsley, Yorkshire. Once again this year was never going to disappoint with the top class organisation by Matt and Ashley Holland of the GBRCAA.



Sunday morning practice line

The EIM is an international indoor model airplane competition based on the FAI classes of F3P. These precision aerobatic classes include C class (Novice), B class (Intermediate) and A class divided into AP (Primary) and AF (Final sequence). AM is also flown based on a 2mins flight to Music using an Indoor

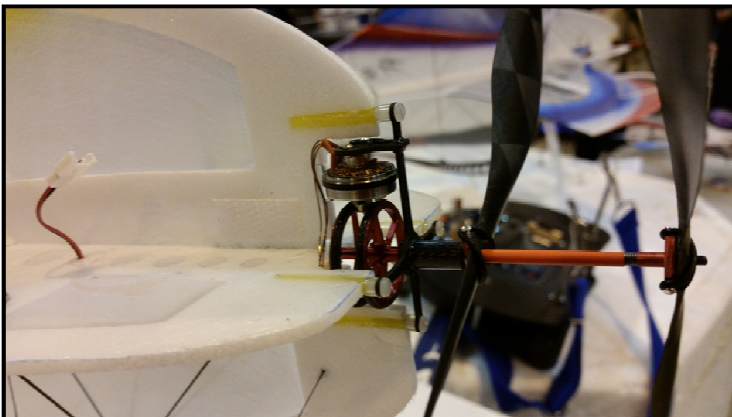
freestyle model. This year I completed In A class flying both Primary and Final sequence which was a real challenge. As of the case every year the standard had risen and every pilot proven to be incredibly competitive. This year's primary round consisted of manoeuvres such as a rolling loop with two integrated full rolls in opposite directions, 8 point rolls and a 4/8 point torque rolls where the model must hover in a fix location, rotate and perform four 1/8 torque rolls without deviating from its fixed height location.....no easy task.



Elanor 2015 with Dynamic Braking

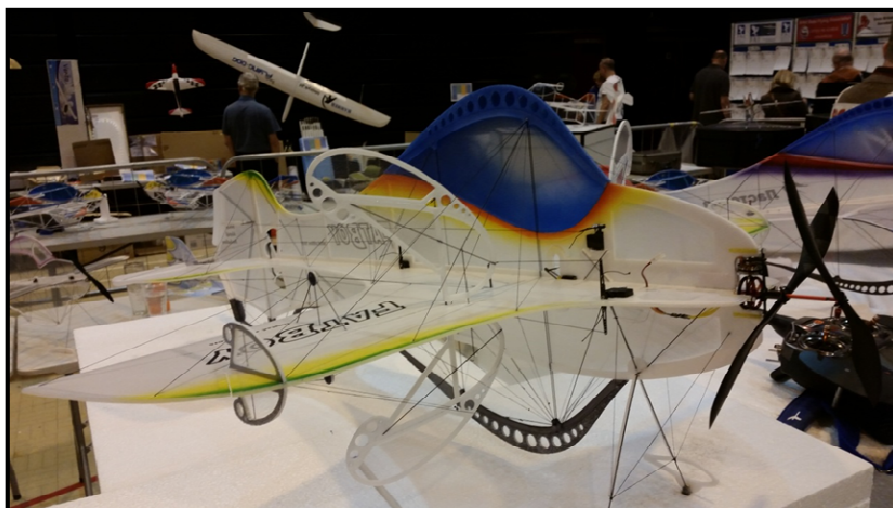
With the new complex schedule a new model was needed. This year I flew an Elanor 2015 designed by Alan Goljevšček of Slovenia. The model consisted of a foam skeleton and mylar covering with up to 45 meters of carbon rod reinforcement ranging from 0.7 - 0.2 mm in diameter. An SG04 Glavak motor for propulsion. YGE 8amp esc, Spektrum servos with Optipower 120mah 2s lipo. All up weight RTF.....59g taking 45 hours to build.

The Elanor again proved to be the most popular model at the EIM with many of them using Glavak contra drives and moving cantalizers, providing dynamic braking on downlines. Ernst Disse from the Netherlands flew a redesigned Miss Piggy into second place using the Lantzov contra unit. Ernst's



model also had dynamic active braking with the addition of pig ear shaped air brakes on the wings.

Lantzov Contra unit. 12.5g



Miss Piggy 2015

This reduced the downline speed considerably. Derk Van Der Vecht once again flew to victory with UK's Conor Stephenson in a strong 3rd. yours truly finished in 6th. Very happy result with my first season in A class. Aeromusical was also won by Derk with Stephen Schefer in Second place. Both pilots flew some very challenging rehearsed flights which had to be seen to appreciate. Like last year freestyle was flown to pilot's choice of random music. This year each pilot was squared off with one another. The crowd would decide the winner. I was squared off with Conor Stephenson but unfortunately I crashed out due to carbon reinforcement snagging my aileron. Just shows the importance of checking and rechecking your model before flight. Unfortunately I missed the Team Freestyle and Pylon racing as I had to race to the ferry.

Overall I was very happy with my performance and my scoring was very consistent. Standard was very high but I have plenty to work on for next season and a little improvement can make a huge difference.

Thanks to my Sponsors Model Heli Service's, FlyingDog and Optipower UK. Also thanks to my dad and the Thurles Sarfields centre for continuous support and practice area.

Mikey Blake

F3N Round 1

Waterford Model Flying Club

Waterford Model Flying Club hosted this year's first round of F3N on Sunday May the 3rd. After very bad weather in the lead up to the competition it cleared up very early Sunday morning and made for good flying conditions.



Gearoid O' Donovan collecting score sheets for F3N from judges Sean Hourigan, Emerson Hamson, Chris Tumelty, PJ Browne and Dave Higgins.

Thanks to Club members for arriving early to prepare the site for the event as it wasn't possible to do on Saturday with the heavy rain.

As the pilots arrived and set up their Helicopters the flying area was marked out by Barry and George. Seven Pilots entered in three categories: F3N, F3N

Intermediate, and F3N Novice. CD. for the day was Declan Heneghan and Judging was performed by PJ Browne, Emerson Hamson, Sean Hourigan, Dave Higgins, Chris Tumelty, Noel Campion, George Ryan and Barry Kennedy. The Flying order was drawn and after the CD gave his pilots briefing the event got under way with F3N set manoeuvres first.

F3N sets were followed by Intermediate sets, Novice sets, F3N Free style and Intermediate Free Style. A break in the weather gave time for a welcomed food break and the competition finished up with Novice Free Style and F3N Music.

F3N was a closely fought contest but William Gaule showed us from the first round that he was going to be hard to beat and eventually ended up overall winner. Jamie Hourigan took the Intermediate prize for the second year running and new comer Emerson Hamson took first in the Novice

Results:

F3N

Place	Pilot Name	Set Manoeuvres	Free Style	Music	Total
1st	William Gaule	1000	1000	1000	3,000
2nd	Noel Campion	984	987	1000	2,971
3rd	Barry Kennedy	877	947	975	2,799
4th	George Ryan	700	734	771	2,205

F3N Intermediate

Place	Pilot Name	Set Manoeuvres	Free Style	Total
1st	Jamie Hourigan	1000	1000	2,000

F3N Novice

Place	Pilot Name	Set Manoeuvres	Free Style	Total
1st	Emerson Hamsom	1000	1000	2,000
2nd	Chris Tumelty	985	883	1,868



Pictures above show Waterford Model Flying Club Secretary Anthony Phelan presenting First place in each category. Top:Left: F3N William Gaule, Centre Right: Intermediate Jamie Hourigan and Bottom Left: Novice Emerson Hamson.

Results and Presentation of Medals were given by Club Chairman Richie Price and Secretary Anthony Phelan. Flying continued into the evening and we saw a nice demonstration of the new DJI Inspire from Mark Broderick. The Next round of F3N is on June the 7th in Shankill Co. Wicklow.

Thanks to all for making the event a success to those involved in the event preparation, field preparation, CD, Pilots, Judges, Food and Scorekeeping.

Ger Donovan

PSS Over Ireland 2015

March is our traditional "opening" season meeting. 6 months passed since our September meeting, and it's always good to start the flying year with a good week end flying and catching up with friends. Lots of builds and repairs going on during the winter months, and it was about time for some of us to dust off a few gliders... Serious cabin fever

The first glider meeting of the year is also our PSS over Ireland meeting that we are holding for the past 6 or 7 years now, this year with particular thoughts to someone who left us too early, but more on that later.



Some of the PSS Entries

But first, PSS, what is that? PSS stand for Power Scale Soaring, where you fly scale model gliders of full size Jets, piston engines planes etc.

As usual, the event was held at Mount Leinster, Co. Wexford, and despite the wind forecast not being in our favour, there were 16 or 17 pilots who travelled up to the event from all parts of the Country and Northern Ireland. Good also to see a bunch of new faces and that our events are again very well attended! So we must be doing something right :)



Some of the pilots for a group photo

Wind was supposed to be dead flat on the Saturday, coming from NE or E... Well, they were right on the wind direction, but not on the strength. A bit light alright, but it was there! Light gliders were the order of the day, but some more heavy and aerobatic stuff went on flying. Everybody flew throughout the day, and that's the main thing!

No incidents at all during the entire week end, except maybe for an electric twirling thing glider that ended up for some weird reasons on top of a tree, providing us with some great entertainment. One up the tree, 10 watching and commenting. Nothing broken, but a good laugh :)



Close up of the winning PSS



John Pearson and the Winning model

Unfortunately, no PSS flew on the Saturday as we did not want to risk any machines, but we did have a vote for the **Ray Jones Memorial Trophy for Best PSS**. All the pilots voted for each PSS on a static display, and the winner was John Pearson from Northern Ireland with his absolutely

stunning new Aermacchi MB339 in the SAAF Colours. Trophy handed over by Les Gosnell for the Cork club in the Irish St Patrick's Day colours. The photos don't do justice to the model! Well done John, and thanks for putting this trophy together, a great gesture and the least that can be done to honour a great man.

So, lots of flying, good craic and banter, but bloody freezing! Forecast was -6 with the wind chill, but I'd say it was more like -45 degrees! Haven't been that cold on top of a mountain for a very very long time!



John Pearson and the Winning model

Anyway, a great day had by all! The night at the Moss house was.. well, typical! Another great dinner and entertainment by Roisin! Thanks again Roisin for feeding us, and for the T-shirts and laughs! And yes, I made a flan! No further comments, a point was made :)



One of the PSS

On the Sunday, we ended up at the same slope, but we had better wind. Bigger models flew (I flew my ASH26 and my 1/3 scale Ka8b) and John flew his Aermacchi PSS. First flight of his new model was done, and I believe the model performed very well. Well done again! And of course, lots of things flew in between.

We all left the slope at around 5pm, knackered but happy (and with a bit more colour!).

Once again, many thanks to everybody for coming from all parts of the country to go freezing on top of a mountain.

Fred Marie

Sanding

I have a bit of a hate affair going with sanding: I truly hate the dust and mess. It gets worse when you want to do messy sanding but it's too cold to use an outside shed in winter. The health hazards associated with sanding fiberglass are also a major concern.

I first set up a wood work canister-type dust extractor at my inside work bench, together with a home-made hood (first pic). This has only been mildly successful (it's still useful for when I use the Dremel).



Many people may already know about this stuff, but, I just have to share my discovery of the most amazing dustless sanding system: Mirka Abranet and related Mirka tools.

The abrasives are coated on an open mesh, which makes the dust



extraction way more efficient than anything I have seen before. This also reduces clogging, so they last much longer than paper-based abrasives. You can often de-clog them by taking them off the tool and giving them a few good shakes).



The Mirka hand sanding blocks have dust extracting ports, and their related hoses are extremely light. Altogether very light to use. The small one shown is 70mm x 125mm - very convenient for modelling jobs. There is also a 70mm x 400mm long block for flattening wavy long surfaces like wings (the sort of large, flat work you may use an air file for). I have just been sanding down

some filler (normally an extremely messy operation), and there is absolutely NO dust! Truly a revelation (for me anyway).





The Abranet abrasive sheets are available in various grits and shapes and sizes, and will work with all tools that use hook-and-loop attachment systems.

I also have just sanded down a teak window this morning (shown below) using 93mm x 93mm triangular Abranet, and it has

taken me about a third of the time that it used to with conventional triangles getting clogged up all the time. The edges of the abrasive (vital with that type of job) hold up really well compared to paper. Plus, no dust!

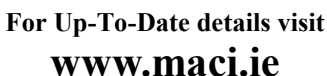


Have a look at: <http://www.mirka.com...slanguage=en-GB>. You will find Mirka stuff on eBay and also from Restexpress (<http://www.restexpress.co.uk> - very good service from them, and they ship to Ireland). Not cheap stuff at all, but in my humble opinion worth every cent!

Chris van Schoor

Maurice Tobin—Waterford MFC Flying His Decathlon





Scale

Sep. 12 Scale Nationals Laois MFC
Contact Steve Elster 086-2653332 elsters@tcd.ie

Sep. 26 Scale Nationals Backup Date Laois MFC
Contact Steve Elster 086-2653332 elsters@tcd.ie

Helicopter

May 3 F3N Championships Round 1 Waterford
Barry Kennedy 087-1455475 helicopter@maci.ie

July 2 F3N/F3C World Championships Klopeinersee,
Austria
Harald Zupanec 0043-1505102877
office@fai-heli-worlds2015.at.
More info at www.fai-heli-worlds2015.at/

August 7-9th 3D Ireland Helicopter Comp. Athlone MFC
3 classes of competition: Grass roots, Novices and
Pro pilots
All pilots welcome to enter that hold a current MACI or BMFA card
For more information please contact Leo Lawless AMFC Secretary m 087
2066438 (amfc.sec@gmail.com)

Aug 16 F3N Championships Round 3 Brinny, Co. Cork
Barry Kennedy 087-1455475helicopter@maci.ie

Sept 19-20 Heli Nationals Tipperary Club Site
Barry Kennedy 087-1455475helicopter@maci.ie

F3A

- June 20-21 South Leinster Champs Model County MAC
Brian Carolan 087 6509848 brianccarolan13@gmail.com
- July 18-19 Leinster Championships Ballyhealy,
Balivor, Co. Cork
Bill Thompson 086-2622089billthompson122@gmail.com
- Aug 6-16 F3A World Aerobatics Championships Dubendorf, Switzerland
Bernhard Schaden 0041435000170
Bernhard.schaden@gcc-mservices.ch, 0041793378740
- Aug 29-30 Irish Nationals (F3A Team Trials) Roundwood MFC
Tony Greene 086-0212549tonygreene@eircom.net
- Sept. 5-6 Irish Nationals (F3A Team Trials) Backup Date
Roundwood MFC
Tony Greene 086-0212549tonygreene@eircom.net
- Sept 12-13 F3A Triple Crown Scotland
- September 26-27 Autumn Aerobatic Activity Carron, Co Tipperary.
Gordon James 086-8269840gordonjames03@gmail.com
- Oct. 3-4 Back up date for Team Trials TBA
Contact Ray Keane 087-2591341rkeane@rka.ie

IMAC

- September 20 IMAC Showcase TBA
Brian Foran 086 2578228 or imac@maci.ie

Gliding

June 13	Shannon MFC Event Tountinna, Co Tipperar <i>Ger Buckley gerryb2003@gmail.com</i>
June 14 (Backup Date)	Shannon MFC Event Tountinna, Co Tipperar <i>Ger Buckley gerryb2003@gmail.com</i>
July 12-13	Scale Glider Contest/Aerotow TBA <i>Fred Marie fred@gliderireland.net</i>
Sept26-27	ISR Slope Fest Mt. Leinster, Wexford End of season meeting. Open to all gliders. <i>Fred Marie glider@maci.ie</i>

Fun-Fly's

July 19 (11am)	SRFC 65h Anniversary Celebration 1950-2015 - Vintage & modern models, static display, fun fly, barbeque Shankill Club site Calary, Co Wicklow. <i>Cian 086-8198826</i>
July 25-26	Waterford Fun-fly, Fixed wing, Helis, Jets. Everyone welcome. Waterford club site. <i>Ger Donovan 087-2947561</i> <i>gmod12@gmail.com</i>
Aug 23 (11am)	Warbirds over Calary - R/C, C/L, F/F Warbirds only. Plus barbeque. Shankill Club site, Calary, Co Wicklow. <i>Cian 086-8198826</i>

Photos from Easter Flying at Laois M.A.C.



*Top- Fergus O'Reilly Landing his Eindecker
Centre - Martin Sweeney Landing his Pitts
Bottom - Dermot Gannon Landing his Hanger 9 Beast*



Mikey Blake with his Sponsor's logo at the Electric Indoor Masters