

The MACI Magazine for Model Flyers in Ireland

Flightlines 2019



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The Athlone Model flying Club

Scale and Semi Scale fun fly



The Athlone Model flying Club Scale and Semi Scale fun fly was held on Sunday May 5th and attracted about forty MACI members from all over Ireland with a wide variety of models in tow. The club is located close to Brideswell in County Roscommon and is fitted out with three lengthy grass runways in various wind directions and one 80m x 8m tarmac runway in a North / South direction.

We were extremely lucky with the weather conditions on the day with mostly sunny skies and a light breeze in a useful direction.

The variety of models on hand was just excellent, ranging from traditional built up machines, to foam models and even some composite beauties. The safety and pilots briefing took place at 11am and then flying got underway with a variety of powered platforms including electric, glow, petrol, and also a jet turbine demonstration flight at about 3pm.

While there was no official competition held, the club elected to hold an awards and raffle draw ceremony at 4pm. We gave plaques based on the categories of Warbird, Civilian Aircraft, Jet, and also best Aerobatic plane / best Heli. Regrettably not a single heli attended the event which was not only a shock but also a disappointment. This is surely an area that can be improved upon as there are some fabulous helicopters to model (including but not limited to Air Wolf!) although admittedly scale helicopters are



slightly trickier to build and setup than scale planes.

The AMFC committee would like to thank all of the visitors for coming and supporting our club, we had a fun day and from the feedback we received from many visitors we know that mostly everyone else did also.

We would also like to give a big thank you to Geoff Saunders, one of our members that puts in a huge effort on the grounds prep all year around, and also the many club members that helped with prepping the site the weekend before and even on the day of the fun fly – especially AMFC member Anthony Dolan who helped out with a last minute loan of a generator.

AMFC will run an EDF and Jet fun fly on Sunday August 4th of this year, all MACI members are welcome to attend and fly from our Tarmac runway but please note that we ask you bring an EDF or Jet turbine model to fly only on this day.

Geoff Grice
IRL – 3805
AMFC Athlone Model Flying Club
Secretary



1st Place Warbird:

Eddie Kenny (Large scale P47 Thunderbolt)

2nd Place Warbird:

Michael Blake (Stuka J87)

3rd Place Warbird:

Marcus Clancy (F4U Corsair)

1st Place

Civilian aircraft:

Alan Cathcart (Giant scale Piper Cub)

2nd Place Civilian aircraft:

Liam Broderick (Large scale Cirrus 22T)

3rd Place Civilian aircraft:

Alan Coyle (Cherokee)

1st Place Jet:

Steve Perry (L39 Albatross)

2nd Place Jet:

Kevin Glynn (Vampire)

3rd Place Jet:

Jason Cleary (T1 Hawk – Mansell scheme)

Photos: Geoff Grice and Colin Block.

Midland Model Flying Club

Heli Clinic & Fun Fly at Boora bog

This year's heli scene has been a challenge, to get up-and-running. At the start of the year, it was planned to have two competitions instead of the usual four, although there was none last year. However, instead of the first competition, it was decided that a fun fly, come heli clinic would be organised instead of the competition on May 12. Last year, was an uneventful year, literally, as there were no heli competitions or events organised, so it felt it was more important to get heli pilots back flying together again, rather than put guys under pressure to practice, set manoeuvres, freestyle and music flights for competition.

Thankfully, the weather was kind to us on the day and lots of flying was had by all those came. The general mood was fantastic with a lot of heli pilots getting together for the first time since 2017. Despite the lack of flying by some, the level of skill on display was evident but more importantly, guys were having fun flying and sharing knowledge, memories and stories.

As always, the Boora club members were as welcoming as always with excellent facilities and although this wasn't an official competition, MACI was kind enough to provide some funding. This was greatly appreciated and very welcome.

The day started early and there were lots of flights flown by all who attended. However, this wasn't just a fun fly and there was a generous amount of helping



charging facilities were available on the day with no shortage of power where needed. Despite the number of Nitro helis present, the majority of flyers were flying electric. A full range of models, sizes, and brands were on display from Mikado, Align, SAB Heli, Thunder Tiger and even a Henseleit TDR.

Although not expected, considering this wasn't a competition, the Boora club put on lunch with tasty burgers that were cooked to perfection by Mel. Also, there was a free-flowing supply of tea, coffee and biscuits for the day.

hands on deck when required to assist with full setups and buddy box training sessions.

There was a resurgence of nitro on the day and Declan 'The Stunt's' 600 nitro was given a full setup with new a new flybarrless system installed and configured. Some needed help with tuning engines while others were thrilled to get some time on the buddy box to build confidence.

As always, the club members at the Midland Model Flying Club are always there to support competitions and events like the Heli Clinic and Fun Fly. Full



Donal and Pawel with Tom keeping a close eye on things.



Buddies on the 'box'.



Christian Muller, Nitro Baby!



Tom taking the snaps.



Photos: Tom Ivers and Noel Campion.



The 'Stunt' checking over his new setup.



Jimmy Murphy, loving his Logo.

The Munster Championships



*Aerobatic Competition, Brinny, Co. Cork
Saturday, June 15th, 2019*



Mid-summer in Cork....it didn't rain!! Those who arrived early at the Cork Model Aero Club's Brinny site were treated to warm sunshine and a gentle breeze....right down the runway. Aerobatic heaven indeed.

In fact it didn't rain all day and while the breeze picked up as the day went on, it was always comfortable in speed and direction.

The weather gods have always liked the Munster champs!

A small but dedicated band of pilots was in place for the early morning briefing by CD Shane Robinson. Numbers were down on previous years and this was a cause for some discussion. However a number of regular competitors were unavoidably absent and it is hoped that they will return as the season progresses.

Seven pilots entered: four in top tier of F3A and two in tier two. Your scribe made up the numbers, entering the Masters competition....my first competition in nearly two years.

It was an interesting day in the F3A competitions with three "mini contests" very much in evidence. In tier 1 Shane Robinson and Angus Balfour were



to the fore and would fight it out for the top spot right throughout the day. Shane would eventually come out on top winning all 4 rounds and taking the Munster F3A perpetual trophy.

The situation was replicated for third spot with not much separating Paul Houlihan and Gordon James....both flying new models incidentally. In the end Gordon would shade third spot with

Paul not far behind in fourth.

In tier 2 Ray Keane and Dave King battled it out for the honours. Both took 2 rounds each with Dave taking the honours.

The standard of flying was uniformly high throughout the day with large graceful manoeuvres to the fore. The pilots' mastery of the schedule was very much in evidence; this being the second

year of the current P 19 schedule.

In Masters, yours truly took the honours (I was the only entry!!) but it was nerve racking (and ultimately very satisfying) to perform before a set of judges.

A break for lunch after round two was a very welcome interlude. Local club members gave up their day (and their own flying time) to help organise the event. Head "chef" Ian Anderton (he's also club secretary) had prepared a fine meal of burgers, BBQ chicken, pork skewers along with all the trimmings. It was very much appreciated. He was ably assisted by Matt Quin, Rob Allen and club chairman Dave Duff. Thanks must also go to Matt Quin who had the site prepared to his usual high standards.

Indeed it was nice to see a number of "old faces" as more than a few club members (past and present) came along to savour the atmosphere (and the burgers!)

At the end of the day CD Shane Robinson thanked all who had travelled some distance, thanked all who had flown and those who had worked to make the competition so successful, even allowing for the reduced entry. Onwards now to the Aerobatic Open Day in Portlaoise in July.

Two final points are worthy of note: It was great to see club activity continue at the end of the competition. In fact "master chef" Ian Anderton now has another string to his bow as he successfully completed his A cert that evening. Well done Ian.

And finally: we were all very aware

that last year Noel Barrett had presented the prizes. For many years the Munster Champs was Noel's "home" venue, this was our first year without him. We remember him at this time.

Eoin O Callaghan. IRL 2857

Results					
Tier 1					
Pilot	R1	R2	R3	R4	Result
S. Robinson	1000	1000	1000	1000	3000
A. Balfour	980	982	998	955	2960
G. James	858	888	877	855	2626
P. Houlihan	820	809	830	811	2461
Tier 2					
Pilot	R1	R2	R3	R4	Result
D. King	1000	999	960	1000	2999
R. Keane	905	1000	1000	976	2976
Masters					
Pilot	R1	R2	R3	R4	Result
E O'Callaghan	1000	1000	1000	1000	3000

CMAC Aerotow/ Electric Fly-in



Frederic Marie and Kevin Barry

THE annual glide-in, now in its 14th year was held on the weekend of 12th, 13th and 14th of July and what a weekend it was. We started on the Friday afternoon with some bungee launched gliders, with some very hi-tech kit and some not so hi-tech on display.

Pilots briefing gave a quick summary of the operation of the event to all the pilots in order to achieve a safe and trouble free event.

With the wind coming from the north it limited us to using the electric tow plane on the short runway. By the time the BBQ was fired up we had around 10 pilots in attendance with people traveling from Dublin, Armagh and Kildare.

Frederic Marie put on a super display with his Ava glider from Vladimir in Russia. A lightweight, but exceptionally strong bungee launched glider. Also available was the ISR training model, a MPX Easy glider converted for towing to allow all the pilots a chance to cut their teeth aerotowing. The Island Slope Rebels must be commended for providing the equipment and people to encourage our members to try a new discipline.



Chris and Tom

The towplanes for the event consisted of a 80cc Piper Super Cub and a purpose built towplane called a Bidule with a 55cc petrol engine up front. Also available was the Multiples FunCub XL with a 6 cell power pack capable of towing models up to 3M wingspan.

After a few burgers we all got back to flying for the evening with the last flight finishing about 9.40pm



Adam Kelleher and Jack Kelleher.



Richard O'Brien, John Person and Fred.

Ralph McCarthy.

Saturday started with a fry-up and a cuppa tea to get some energy to get going. Unfortunately, the wind was still Northerly and gusting 20kph, which meant it was more of the same for the morning. By 12-noon the carpark was overflowing and about 15 flyers in total.

Adam Kelleher, a junior, from the Bandon MFC showed everyone how to use a bungee with his super Echo Fox a vintage design from France. After lunch the wind died down a bit and the petrol towplanes were put into action. The Bidule was first up with Fred Maries ASW15, an easy tow with such experienced pilots.

Next up was John Pearson with his ASW 15. Conditions for these flights revealed little or no lift but the flying continued.

Mr John Beasley gave an excellent demonstration of his 3M FMS Fox, launched from a dolly sporting a 6S pack powering the electric motor onboard. Next up was Kevin Barry with a Chris Williams 5M Slingsby Petrel. A little snag on release caused some minor damage to the tug but soon Mr Barry was "Happy" as he found some weak thermals to the west of the site. Richard O'Brien stepped in, while repairs to the Bidule were carried out, with his Piper Super Cub and towed without a hitch for the next few hours.

There was no stoppage for the afternoon for food although plenty was served up by Mr M Perse manning the BBQ providing those perfectly cooked burgers for all attending.



Brendan Shelly



As the day went on the thermals improved as did the flying. Again we continued until 8.30 pm that evening.

Our final day started with some now tired looking pilots but still eager to fly. Again Fred and John put their models through their paces. A new model appeared this morning however. A scratchbuilt K8 by Mr Alan Perse. His first time on a petrol

towplane, with both Pilot and model proving very capable with the task in hand. The tow went off perfectly with Mr Perse having a +10min flight after release. Again the day continues until about 3.30pm with lots of food and flying.

I would like to thank all the people who attended the event, as without them there would be no event. I would like to thank the



CMAC for providing funding and a site for the running of the event. I would like to thank Mr Richard O'Brien who kept the towing going over three days. I would also like to thank all that helped out Mr and Mrs Perse, Roisin, Bredan and Jodie and anyone I may have forgotten. Many thanks.



Adam Kelleher.



John Person and Frederic Marte.



Christian Muller.



Brian Perrott.



Fred Gilroy.



AFTER a summer of very undependable weather with high winds and rain the August bank holiday and the Aerobatic Nationals was very quickly upon us. A call was made on the Thursday to hold a one-day event on the Saturday. The competition was hosted by the Roundwood Club with high winds forecasted as the day progressed. The position of the Flightlines faced north so the landing approach was modified to allow the use of the North South runway to ease landing.

I was the CD for the day and was grateful to have the support of the Pauls to assist in the smooth running of the event. Between family commitments, New jobs and a Wedding there were only 6 entrants this year. 4 in F3a Tier 1 and 2 in f3a Tier 2. However many RMAC members turned up on the day to watch and enjoy the competition.

Flying kicked off at 9:30 with James flying the demo flight. Myself and Angus flew IC with the remaining pilots flying electric and mostly contra-rotating propeller drives. By lunch time round 2 was completed where we stopped to enjoy some BBQ food prepared by Tony. Tony was kind enough to book a group



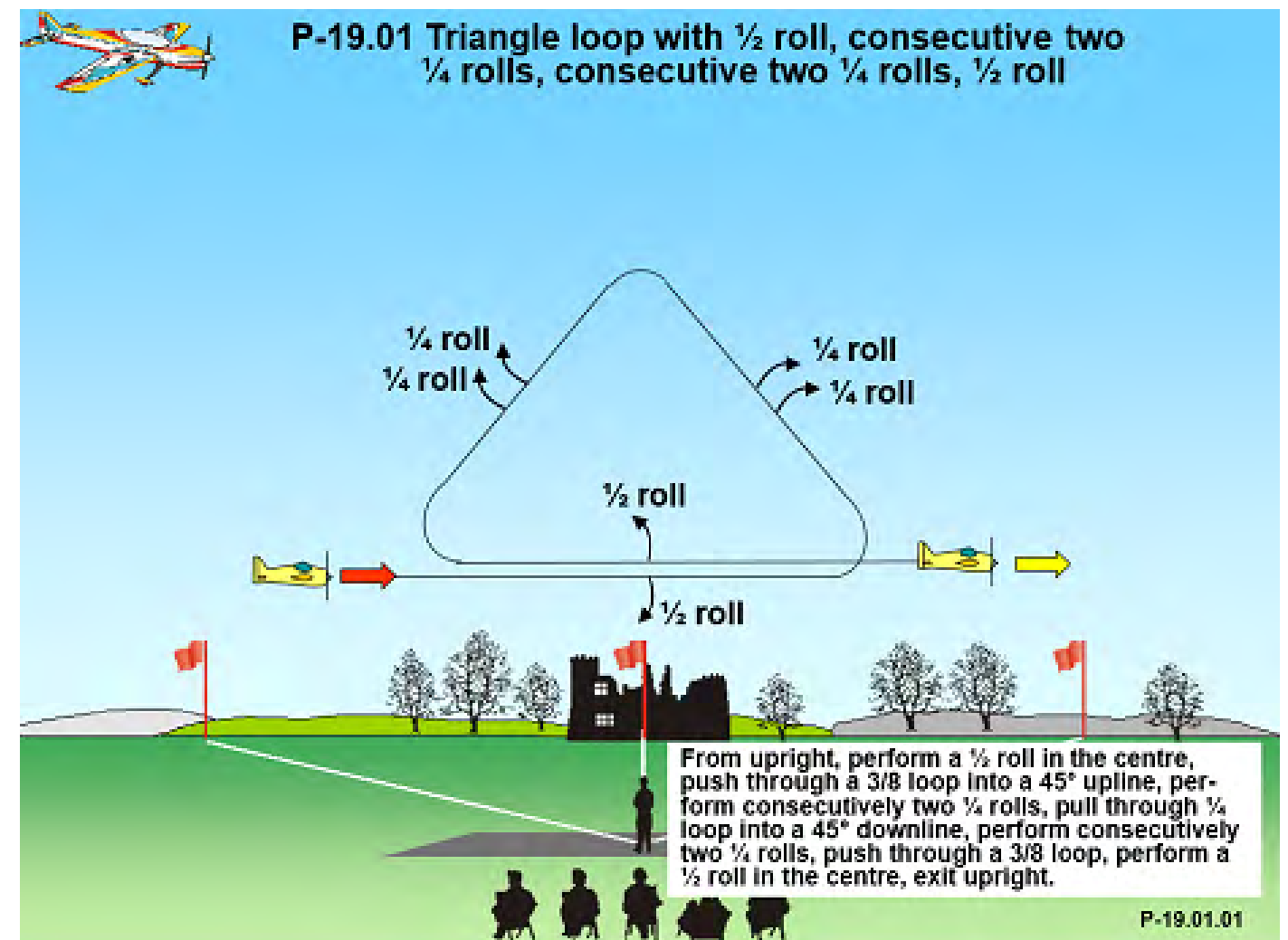
slot in A&E should it be required after our cholesterol levels were maxed out. Joking aside the food was great.

James flew very well this being his first comp of the year. His roll reversals are up there with the top in the world. He took first place in Tier 2 with Dave in 2nd.

In Tier 1 Paul and Gordon have been fighting it out again this season for 3rd and 4th place. Gordon appears to be at one with his model this year. Fingers crossed he won't take a hack saw to it prior to the Triple Crown in the pursuit of perfect trim ;) In the end Gordon took three rounds placing 3rd with Paul in 4th place.

Myself and Angus had some great flights in very challenging conditions with Angus winning all rounds in the Preliminary event. We then went on to the fly off where 2 rounds of the more difficult F- sequence were flown. Again Angus put in some great flying, winning both rounds and retaining the National Aerobatic champion title. We both agreed that flying the F-Sequence at the Nats adds something special to the event and it really pushes us to up our game. Well done to Angus on his 5th Nats title. See scores below

Given the 20mph wind blowing out on the day I was really impressed with how well everyone was holding their Flightlines. Gone are the days where binoculars may have been required to spot a downwind model from time to time. This bodes well for the upcoming F3a Triple Crown event to be held at the



Carron Club in September.

Thanks to the Roundwood club for hosting this event again for the 4th time. Special thanks to Tony and Paul for the organisation of the event and to the club's Maintenance manager, Olly for preparing the field for us; to Dave King for his relentless judging and scoring throughout the day. Finally, thanks to Kevin Manning, for helping resolve the mystery of the misplaced medallions and personally delivering them to us on the day of the comp.

For those interested in improving their aerobatics give this manoeuvre a try and see how you get. Manoeuvre example – P19.1 Triangular loop. If you enjoy the challenge feel free to drop into one of our events or attend our Annual Aerobatics open day at Portlaoise.

The Triple Crown will take place at the Carron Club in Tipperary on Sept 13th-15th. This event takes place in Ireland every 3 years. Top pilots from Ireland, England and Scotland will be in attendance. This year we will also have a

guest pilot Lassi Nurila from Finland who place 6th at the 2019 F3a World Champs. We will also have a guest judge Nico Bleas from France who will judge and deliver the 2020 judges course to all in attendance. Feel free to drop in over the weekend to support the competitors and watch some great flying.

Shane Robinson
Aerobatics Sec

2019 NATIONALS RESULTS

No.	Name	Round 1 (P)	Round 1 (N)	Round 2 (P)	Round 2 (N)	Round 3 (P)	Round 3 (N)	Round 4 (P)	Round 4 (N)	3 Best	Norm
1	Angus Balfour	472.30*	1000.00*	502.50	1000.00	500.50	1000.00	506.00	1000.00	3000.00	1000.00
2	Shane Robinson	456.50	966.55	461.00*	917.4*	473.50	946.05	488.50	965.42	2878.02	959.34
3	Gordan James	368.00*	779.17*	415.00	825.87	435.00	869.13	420.50	831.03	2526.03	842.01
4	Paul Houlihan	389.50	824.69	396.00	788.06	395.80	790.81	393.00*	776.60*	2403.56	801.19

No.	Name	Round 1 (P)	Round 1 (N)	Round 2 (P)	Round 2 (N)	1 Best	Norm
1	Angus Balfour	522.00*	1000.00*	540.00	1000.00	1000.00	1000.00
2	Shane Robinson	511.50	979.89	494.00*	914.8*	979.89	979.89

No.	Name	Round 1 (P)	Round 1 (N)	Round 2 (P)	Round 2 (N)	Round 3 (P)	Round 3 (N)	Round 4 (P)	Round 4 (N)	3 Best	Norm
1	James Murphy	443.50*	1000.00*	450.00	1000.00	464.00	1000.00	445.00	1000.00	3000.00	1000.00

Boora

MIDLANDS MODEL FLYING CLUB

FAMILY FUN FLY 2019

One of the most fun-filled segments of the day was the aforementioned 'Air-wars'.



The MMFC Family Weekend has established itself now as one of the most enjoyable and diverse events in the Model Aeronautics Council of Ireland's calendar. Held towards the end of July for the past five years, we have been extremely lucky with the weather and this year it held out again.

The format for the weekend usually begins with a day of on-site preparation on Friday for the club members and regular visitors who want to reserve the best camping spots at our great location in the Boora Parklands and Wildlife Sanctuary. The MHS Ireland crew will usually arrive and settle in to begin erecting their mobile shop with Liam Broderick, Mark, Frankie and William. Flying is welcomed at all times in between preparations and the

mood of the weekend is always friendly and relaxed.

Saturday is the busiest day with 'Pilot's Briefing' at 11am setting the tone for the day, highlighting safety aspects such as the 'Flight-line' which means a line that no aircraft should cross while airborne and is set to protect those behind this line. A club will always have their clubhouse, carpark, and 'Pitts' located well inside this line. We decided on a maximum number of craft in the sky at any one time of five, with the exception of light foam-type electric planes taking part in a special event called Air-wars, more about this later!

From early on Saturday the skies above Boora were busy with almost the full scope of RC Aircraft currently popular, and some not so popular. One early treat

that we had lined up was a full-size fly-by which consisted of three small private craft from the Ormond Flying Club led by Colm Wright & David Corboy. The guys performed multiple passes over our site to show off their immaculately turned-out aircraft, including the agile Eurostar club trainer.



Smokin'



From very early-on Christian Muller, a veteran of this event entertained with his somewhat unconventional collection including a flying wing with a tiny diesel engine and a control-line plane. Control-line is not technically Radio Controlled because the modeller holds two string lines that are connected to the small model

which is powered, traditionally with a small combustion engine, so that it flies around the modeller keeping tension on the lines via centrifugal force. Tiny movements of the hand/wrist can then vary the climb or descend rate making for a spectacular and dizzying display!

Scale type airplanes and helicopters were very popular with Clubman Andriy Fristak displaying some of his Electric Scale Helicopters with great skill and precision. Noel Campion, Barry Kennedy, Liam Broderick, Pavel Plesniak, Donal Culleton and other talented 3D helicopters pilots flew throughout the day practicing the extremely complex combination manoeuvres which is now a familiar sight at most club fields. This style of flying consists of combining flips,





Take-offs optional, landings compulsory!

rolls and pirouettes into a mind-bending combination to prescribed routines and figures that are almost impossible to get right every time so the pursuit of perfection in these manoeuvres is what drives these talented pilots on.

Later in the day there were some high-speed demo flights by Donal Culleton with his Magnum and David McIntyre with his 'Rare Bear' Electric plane. These planes can reach speeds of over 150 mph and are very thrilling to watch, but take great skill and nerve to fly ... and land safely! Another noteworthy speed machine was piloted by visiting jet-flyer Geoff Grice



from Athlone Model Flying Club. He flew his gas-turbine jet to a very high standard, putting on a great display for the watching crowd.

One of the most fun-filled segments of the day was the aforementioned 'Air-wars'. Midland Club man Mel Broad had been very busy skillfully building 'Foam-board' fun-flyers. These identical airframes were then sold for a very reasonable price to willing club-members who kitted them out for flight with a small Electric setup. The idea is to keep everything cheap & cheerful. Then attach a long 10 foot tissue paper streamer trailing behind and launch as many as possible into the sky. The aim is to skilfully pursue your quarry through loops & rolls and cut their streamer with your propeller! Inevitably it tends to be a



little more than streamers that get cut – and needless to say there are great laughs but most importantly, good sportsmanship is the order of the day. Several head-on collisions and plenty of glue later, everyone was ready to relax with a Boora Burger and a large mug of tea and discuss who was the king of Air Wars 2019!

Throughout the day there was a steady stream of willing victims heading in the direction of Mark & Liam at the Model Heli Services on-site shop for everything RC. And anyone that had some cash left over could also avail of the Bring & Buy sale facilitated by the club where people can sell/swap/trade any manner of RC equipment.

Most headed to their accommodation before midnight, be it a fancy tent pitched on-site or a local B&B, in order to wake early and fresh to do it all again on Sunday morning.

Sunday proved to be another great day if a little more relaxed. Some light showers did not dampen spirits and as old friends got their last flights in together, all the talk turned to plans to make Boora 2020 an even bigger and better event.

David McIntyre



Alcock & Brown - Clifden 2019



Teddy Fennelly, President Laois Heritage Society, Catherine Casey, Laois Heritage Officer & Michael McEvoy, President Model Aeronautics Council of Ireland.

The Model Aeronautics Council of Ireland were honoured to accept an invitation to partake in the recent Alcock & Brown 100 year anniversary celebrations in Clifden, Co. Galway. As can be seen from the photographs, members Martin Sweeney, Mel Broad with his daughter Heather & Michael McEvoy were there to promote our organisation with pamphlets and a display of scale model aircraft.



Michael McEvoy, Mel Broad, Heather Broad and Martin Sweeney Laois & Midland Model Aero Clubs.



John Alcock, Nephew of The Great Sir John Alcock & Michael McEvoy, President MACI.



Cllr. Eileen Mannion Galway County Council and Michael McEvoy, President MACI.