



ROUNDWOOD MODEL AERO CLUB

The Roundwood Model Aero Club was established in the 2005 by a small group of enthusiastic modellers living in the Wicklow / Dublin area.

The Club's flying Site is located adjacent to Roundwood village in County Wicklow. The principal activity of the Club is the encouragement amongst its members of Radio Control model flying of all types of fixed wing aircraft. The Club has members who are active in all disciplines of the hobby and these include Scale models, Pattern models and Gliders. The Club welcomes spectators provided that they obey the safety rules and remain behind the flying line and pits area at all times. Unfortunately no dogs / cats or any other animals are permitted on the flying field for their own safety.

Flying takes place on most Saturday and Sundays throughout the year and most evenings in the summer months, weather permitting. In the summer months the Club can, by arrangement, provide a model for use by prospective members to give them the feel of the hobby before making any purchases and this facility is available most Saturday mornings.

The Club operates a training system whereby modellers are taught by experienced pilots how to fly their planes and there are regular training times set aside for this purpose and the club has a list of experienced pilots available to carry out this training.

The Club members generally build their own model Aircraft spanning in size from 60" models to those in excess of 120" and many of these larger models have petrol engines. This building knowledge is shared between all club members, advice and practical assistance is given to all new members on the field.

The flying field has runways in excess of 150 Metres long and 12 Metres wide which can cater for all sizes and types of model Aircraft. The field has good clear horizons which enables models to be flown with long low approaches before landings with plenty of run off afterwards.

The Club has a 13M x 6 M "Club house "on site which is used by all the members as a focal point for conversation or just relaxation.

The Club has a policy of frequency control with regards to members. When a new member has been accepted he / she are allocated a specific frequency. This allocation is designed to help restrict possible frequency clashes and lengthy periods of waiting before you can get your model into the air.

The Club will be running various events throughout the flying season for its members with the emphasis on participation rather than competition. The Club is very active on the Competition scene and takes part in all regional events and its members have won the National Championship on several occasions



The Club is affiliated to M.A.C.I. (which is the Governing Body for the Hobby in Ireland) and it is through this Body that Insurance cover is arranged and the Club requires evidence of this Insurance cover (M.A.C.I. Certificate) before permitting flying at Club Site. This Insurance cover is the only form of cover accepted by the Club and is mandatory.

The Club will soon be publishing on a bi-monthly basis a Newsletter, which will keep everybody informed as to what is happening in the club and will keep everybody up to date with the latest technology. The Newsletter will also be a great source of second hand bargains as members change and upgrade their aircraft and radio equipment.

The club flying season and period of membership runs from 1st February to the end of the third week in January each year. All members, new & Existing, must then formally re apply for membership for the New Year using the Clubs latest membership application form which will be available from any of the Club Officials. No flying or site access whatsoever is permitted in the last week of January each year. (This is a condition of the landowner) and is to be strictly adhered too.

There is a certification process for competency in the M.A.C.I. to improve people's flying skills and this is divided into two categories, the "A" cert. and the "B" cert. When members are learning to fly they must have an experienced pilot at their side at all times (like the Provisional Driving License) and when the member has gained enough experience and is confident then they take the "A" cert. and upon passing this test they are free to fly unattended. This "A" cert. covers the basic fundamentals of flying and carrying out simple manoeuvres, all of which are available from the club and are issued to all new members. The "B" cert. is of a higher standard and is only necessary to be taken for those members who are asked to fly in front of the general public at displays or the like.

The club has a list of safety do's and don'ts to make the hobby safer and a copy of these is sent to each new member upon joining. There is also a pre-flight and take-off check list given to assist in the final checks before coming to the field, flying and afterwards.

There are two forms that must be completed for those who wish to join the club and these are as follows:

1. Membership Application Form – copy enclosed (For consideration by **Facility Owners** at their next scheduled meeting).
2. MACI Insurance form – copy enclosed

These completed forms should then be returned to the current Club Treasurer. Please do not include any money at this stage, if your application is accepted the Hon Secretary will contact you to advise of current fees etc.

The Club operates in accordance with the latest update of S.I. 563 of 2015 and it is a condition of membership that all members must comply fully with these regulations, including registration of their models with the IAA prior to undertaking their first flight of the model.



Current Club Officers 2018

- 1 **Club Chairman** Tony Greene
086 0212549

 - 2 **Club Secretary** Brian Hewson
Mobile: 087 2567921

 - 3 **Club Treasurer** Liam Jackson
(Club Membership Application form
to be returned too) 10 Brooklyn Court,
Castletown, Gorey. Co Wexford.
0402 21001

 - 3 **M.A.C.I. Membership / Renewal form** (New members only, to be returned to
MACI directly by new member)
- (Yearly renewals for members are through the R.M.A.C.)

The current club training officer is **Oliver O Reilly** - 086 052 8374. **The current Chairman is** Tony Greene and either can be contacted for any assistance required. The Club also has a web page and it is worth a visit, the address is:
<http://www.rwmac.ie>



RADIO CONTROLLED MODEL AIRCRAFT

Welcome to the fascinating and infectious world of radio Controlled Model Aircraft. These are flying models and in some instances are scale replicas of the full size aircraft. These models are generally constructed from a very light wood known as Balsa wood although other materials such as plywood, fibre glass and expanded polystyrene are used. These models are powered by a variety of engine sizes and are run on methanol. The larger and more powerful aircraft can have petrol engines fitted. All models are controlled from the ground by the pilot by means of a radio link to the aircraft and this allows up and down movement (pitch) by means of the elevator, banking of the Aircraft from left to right by means of the ailerons and the yawing left to right by means of the rudder control. The throttle controls the speed of the aircraft.

When starting in the hobby it is essential to get the right aircraft and there are a large number of trainer models to choose from e.g. Boomerang, Irvine Tutor, Seagull Arising Star, all of which should be purchased as a 4 Channel model (i.e. a wing with ailerons) these models are known as ARTF (Almost Ready to Fly). They have a very high degree of pre building and covering and can usually be completed in a week of evenings. The approximate cost of these ARTF models are about € 120 - €200.

The other essential is a 2 stroke engine and generally speaking a good 40-size engine (0.40 cubic inch) is more than enough. The engine size is usually stated in the instructions for the each model and in any event advice can be given at the hobby shop or by Club members. The approximate cost of a new engine would be in the region of €89 to €150 depending on manufacturer. There is of course the option of powering the model with an electric motor.

Then there is the question of Radio equipment and again here the Hobby shop or Club members can advise. These radio sets generally come complete with Radio or Transmitter (Tx) Receiver (Rx) 4 servos, an on / off switch and a set of Metal hydride (Rechargeable) batteries. The approximate cost of the Radio set would be in the region of €250. Most new sets will come with the more modern form of Lithium Polymer or Li-Fe batteries.

There are then other items such as, Glow fuel, Glow battery and Engine starter to bring to the field. The approximate cost of these sundry items would be in the region of €60 - € 80 euro.

Then there is the requirement for Insurance cover, which is provided through the M.A.C.I. and is the only insurance cover acceptable on the flying field and without this cover, flying will not be permitted.



CLUB MEMBERSHIP APPLICATION FORM

Name:

Date:

Address:

Telephone Number:

Email:

Category of Membership Senior Family Member Junior
Type of Aircraft – Glider I.C. Aircraft
(Fixed Wing Only)

Make of Radio: _____

Frequency Number: _____

M.A.C.I. Number (if available): _____

Were you ever a member of the R.M.A.C before yes no

Were you ever a member of the M.A.C.I. before yes no

If you have answered yes to either of the last two questions then please give details below:

Each Application for Club Membership must be Proposed & Seconded by a Facility Owner before being considered for membership. Applications for Club membership are considered at the next scheduled Owners meeting and is solely subject to their decision.

Please return this completed form to the Hon. Treasurer.



Club Membership will be from the 1st February each year to the 3rd week in January of the following year. The Facility will close for the last week in January and no entry to the field or any facility will be permitted to any member during this period.

Every, new & existing, member must then formally re apply for membership consideration as a new member for the coming year.

The club, may, at its absolute discretion decide to terminate any individual's membership, by email or post at any stage during the course of the 51 week membership period by giving a four week period of notice of their intention to terminate. Such period of notice shall commence upon the date of the issuing of said email or postal communication.

Proposed by :

Seconded by :

All new members must be inducted on site before they can commence flying or before tuition can be commenced. Member must sign the induction form to confirm their acceptance. Members only need sign this acceptance once.

I / we wish to confirm and acknowledge that I / we will be bound by the Club's General Rules of **which noise control is paramount** and Club's Safety Rules , together with S.I. 563 of 2015 and all amendments made to them at all times. **This is a fixed wing flying facility only. All new model Aircraft of whatever type must pass the noise control levels before permission will be issued for the maiden flight. No successful Noise test – No maiden or any other flight.**

Evidence of Insurance cover (M.A.C.I. Certificate) mandatory before flying permitted at Club Site.

Junior members (under 16 years old) must be accompanied at all times by a parent or adult guardian.

The Club operates in accordance with the latest update of S.I. 563 of 2015 and it is a condition of membership that all members must comply fully with these regulations, including registration of their models with the IAA prior to their first flight with the model.

Signed:

**Signed By -Parent / Guardian:
(If applicant under 18 yrs. old)**



SCHEDULE OF FEES – ROUNDWOOD MODEL AERO CLUB

FEB 18 / JAN 19

Senior Member	€ 260.00
Family Member	€ 280.00 (for 1 Senior and 1 Junior under 16 years) Additional Juniors on Family Membership add € 10.00 each
Junior Member	€ 125.00 (16 years and under)
Period of Membership	51 weeks per year only - The facility will be closed for the last week in January each year and no flying or site access will be permitted during this week.

All members must re-apply each year for membership consideration as a new member using the latest membership application form, which will be available from the Hon. Secretary.

The above R.M.A.C. fees are to be paid upon acceptance of your application, when joining the club, and should be sent to:

William Jackson (Hon Treasurer) 10 Brooklyn Court, Castletown, Gorey, Co. Wexford;
Phone 0402 21001 together with the Application form duly completed and signed.

Please do not include any money at this stage, if your application is accepted the Hon Secretary will contact you to advise of current fees etc.

Junior members (under 16 years old) must be accompanied at all times by a parent or an adult guardian.



R.M.A.C. Training Policy

The current rules of the M.A.C.I. are such that all modellers must have passed their A Cert in order to be able to fly unaccompanied.

The R.M.A.C. has adopted the following training policy to get our new members up to the A Cert qualification as soon as is practical.

Each new member must read and understand the latest R.M.A.C. safety booklet in full. This should be undertaken with the assistance of the Trainer.

The new member and Trainer must each sign the declaration section on the training card prior to the first training session being given.

Each new member will be issued with a training card, which will have the A Cert manoeuvres on it. The pupil will perform these manoeuvres during the course of his training and the Instructor will mark up the pupil's score at the end of each day or session so that there is a record of the progress of each pupil and their progress can be monitored.

These scores will range from 1 (poor) to 5 (very good). When a pupil starts getting 4's and 5's he will be required to take the test. The scoring will also help the pupil by highlighting what their weak and strong subjects are and show their progress as well.

Each training card will have space for 10 sessions to be recorded and pupils will be required to take the A Cert test after 2 Training cards have been completed or earlier at the discretion of the the training officer.

The Training Card will be held by the pupil and must be presented at each training session. **TRAINING WILL NOT BE GIVEN WITHOUT THIS CARD.** Only those Instructors on the approved list will be permitted to sign the Training Card at the end of each training session.

Training is generally available on the days and at the times listed below.- but prior booking is advisable

Saturday	11 am – 1 pm	3pm- 5pm
Sunday	By Appointment Only	3pm – 5pm
Wednesday Evenings (Summer Only June to September inclusive)		5pm – 7pm

The Club will endeavour to have sufficient trainers available on these days, however this may not always be possible and to avoid disappointment prior arrangements should be made with an approved training Instructor.



Roundwood Model Aero Club

Notice to new members

All new members presenting themselves at the field for training must have in their possession and available for inspection the following:

- 1... Current R.W.M.A.C. Membership Card.
- 2... Current MACI Membership Card
- 3... IAA Registration Number affixed to model
- 4... MACI Number affixed to model
- 5..... Correct frequency as assigned by Training Officer
(where Applicable)
- 6... Signed Acceptance of Induction / Training form

No training will be given if the above are not available or displayed.

R.W.M.A.C. Safety Officer.



NAME	R.M.A.C	Student	A Cert	Flight	Log					
Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
Schedule	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
Take Off climb to 50 M then complete rectangular circuit away from Pits										
Fly opposite hand rectangular circuit at same height										
Figure of 8 with cross over point in front of pilot										
Procedure Turn										
Straight and Level (upwind)										
Intentional Stall and Recovery Up wind										
Overshoot away from pits										
Rectangular Landing Approach										
Landing										
Instructor's Signature										
Current Club card		yes/no								
Current MACI card		yes/no			Level 1=	Poor				
Correct frequency		yes/no			Level 2=	Fair		Ready for	A Test	Yes
					Level 3=	Good				No
Checked by					Level 4=	Very Good		Issue new	Sheet	Yes