



New Member Guide

Membership

- To join the club, visit our website www.wbrf.co.za and under 'downloads', find the application form.
- Please download the 'Club Rules' and ensure you understand them.
- Membership to the South African Model Aircraft Association (SAMAA) is compulsory. Application for membership can be found at <http://www.samaa.co.za:89/>

Weather

- Accurate weather forecasts can be found at http://www.yr.no/place/South_Africa/Western_Cape/Afdakrivier/
- In addition, we have a weather station at the field. The weather info can be found on the www.wbrf.co.za website.

Flying field

- Directions to the field are given on the WBRF website.
- The gate is locked with a combination lock. Once your membership has been confirmed, you will be supplied with the code.
- Flying takes place 7 days a week. Normally, members can be found at the field shortly after sunrise to about 10:00. This is the part of the day when the wind speed is usually low and flying is fun.
- There are no toilets, water or electricity at the field. Bring a flask of coffee and snacks.
- It is advisable not to fly on your own for safety and security reasons.
- NO OPEN FIRES ARE ALLOWED.
- A board with EMERGENCY contact numbers can be found at the field.

Flight Simulators

- A flight simulator that runs on your PC or Laptop will greatly speed up the process of learning to fly. Although you should only fly your model under supervision, a flight simulator will allow you to become accustomed to the movement of the joysticks and the effect they have.
- Being proficient on a flight simulator does not mean that you can fly a real model aircraft. Please do not try.

Learning to fly

- Please do not try and fly your aircraft on your own if you have never flown before.
 - ✓ You will probably crash.
 - ✓ You are a danger to yourself and other pilots.
 - ✓ It is against SAMAA and WBRF rules.
- The club has a list of instructors who will assist you in learning to fly. This is a free service and has many benefits
 - ✓ The instructor will check your aircraft for air worthiness and help in setting up the radio.
 - ✓ They will assist you in learning to fly and offer many valuable hints and tips.
 - ✓ You will be evaluated each step of the way to competency.
- Please contact one of the instructors from the list and make arrangements with him.
- Briefly the process will be;
 - ✓ The instructor will check the aircraft for air worthiness and ensure that the radio is correctly set-up.
 - ✓ The instructor will test fly the aircraft and 'trim' the aircraft for straight and level flight.
 - ✓ He will do the take-off, give the radio to you and allow you to fly and then he will land the aircraft.
 - ✓ As your skills improve, you will do the take-off and flying. The instructor will land the aircraft until he feels you are competent enough to do the landings.
 - ✓ You will continue flying under the supervision of an instructor until you are ready to take your SOLO test.

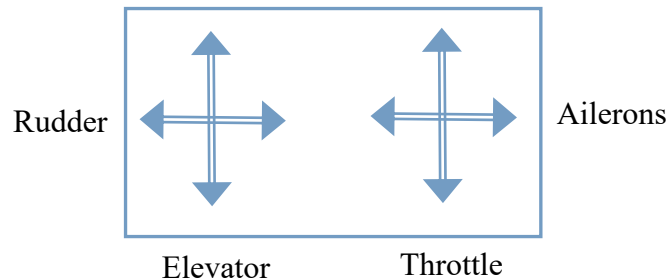
WBRF Instructors

Name	Mode	Available	Contact No.
Louis Genade	1,2	Weekends	083 233 7745
Renier Faasen	1,2	Most days	082 377 6895
Ron Holloway	1	Weekends	082 564 5163
Rudi Devoldere	2	Weekends	072 876 2344
Erik Renzenbrink	2	Weekends	079 692 2507
Kobus Louw	1	Weekends	082 465 7687
Norman de Villiers	1	Most days	082 990 0228
Geoff Pritchard	2	Most days	073 011 7968
Charles Stevens	1	Weekends	072 200 1707
Dave Terblanche	1	Most days	082 828 9528

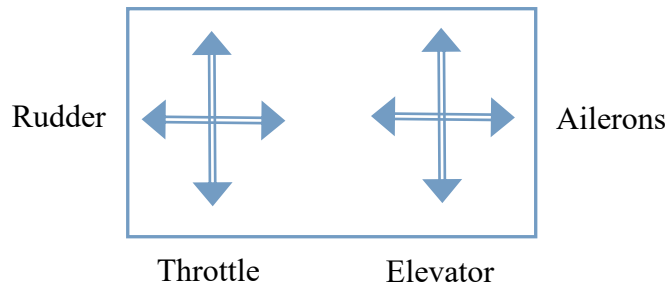
Modes

- Transmitters are referred to as Mode 1 or Mode 2. This refers to the layout and functions of the joysticks.

Mode 1



Mode 2



- The quickest way of identifying your radio's mode is to identify the throttle stick. It is the one that has a ratchet action and will move from top to bottom and stay there. All the other sticks have a self-centering action.

Proficiency Tests

- To be allowed to fly without supervision, you will need to pass a Proficiency test.**
- The basic test is the SOLO rating. A copy of the SAMAA Proficiency Booklet can be downloaded from: http://www.samaa.org.za/docs/info_7bKxhgXWt878wT6.pdf
- Once you feel you are ready, ask your instructor to arrange for you to be tested.

Pre-flight checks

- Many a crash has resulted from a failure to perform pre-flight checks. Your instructor will take you through these;
 - ✓ Check your batteries to ensure they are fully charged.
 - ✓ Check the aircraft for mechanical damage including;
 - ✓ Engine securely mounted
 - ✓ Tug each control surface to ensure that the hinge mechanisms are sound.
 - ✓ Undercarriage secure.
 - ✓ Do a radio range check.
 - ✓ Check each control for proper operation and direction of movement.
 - ✓ Throttle
 - ✓ Ailerons
 - ✓ Elevator
 - ✓ Flaps (if fitted)
 - ✓ Fully fueled if powered by an i.c engine.

How do airplanes fly?

- Please see the following website:

<http://www.rc-airplane-world.com/how-airplanes-fly.html>

This site also has a wealth of information on selecting your first aircraft as well as the pro's and con's of electric versus internal combustion (IC) engines

WBRF Communication

- All official notices and minutes of meetings take place via e-mail.
- The club also has a more informal WhatsApp group for flying related items.
 - ✓ If you wish to be part of this group, please sms or call
 Louis Genade 083 233 7745.
 Renier Faasen 082 377 6895
 Dave Terblanche 082 828 9528
- Please visit our Facebook page and like it.

SAFETY, SAFETY AND SAFETY

- The hobby can be potentially dangerous and a few common sense precautions must be taken.
 - ✓ Do not start engines in the pit area.
 - ✓ Use the designated "starting poles" to start engines.
 - ✓ Keep fingers away from a spinning propellers.
 - ✓ Stand behind aircraft being started or with running engines. If a prop comes off, it can cause injury.
 - ✓ Only fly in the designated fly-zones. These are clearly shown on a board at the field.
 - ✓ It is advisable to never fly alone.
 - ✓ Communicate clearly with the other pilots when on, near or crossing the runway.
 - ✓ The SAMAA safety booklet is down-loadable at:
http://www.samaa.org.za/docs/info_3MxiYJBvsU04e90.pdf



Proficiency test score sheet

SOLO

NB. Please check SAMAA membership card, to validate membership

No.	Description/name of manoeuvre	Only one flight	
		Judge 1	Judge 2
	Oral test - eight questions regarding flying, safety, club rules, SAMAA rules (tick only ✓)		
	Pre-flight check of aircraft and radio done to satisfaction of judges (tick only ✓)		
1	Controlled take-off into wind		
2	Left-hand circuit - end of circuit parallel to runway		
3	Right-hand circuit - end of circuit parallel to runway		
4	Two horizontal figure eights (one upwind, and one downwind)		
5	Simulated dead-stick landing - engine at low speed		
6	Landing approach from left		
7	Landing approach from right		
8	Landing into wind		
No numerical scores assigned to manoeuvres. Tick only ✓ if completed to satisfaction.			

Please complete the following information, to be captured/verified on the SAMAA database.

Date of test	Test location
Pilot's name	Pilot's home club
Pilot's SAMAA no.	Expiry date of membership
Pilot's address	
Pilot's home tel. no.	Business telephone
Pilot's cellphone no.	e-mail address
Pilot's signature	
Judge 1 name	Signature Rating
Judge 2 name	Signature Rating
Club chairman/proficiency officer recommendation	
Comments	

Cut here

Welcome to WBRF!

May you have many fun filled hours
building and flying model aircraft!