The Oakville/Milton Model Flying Club

Introduction to RC Flying (Ver.04-2026)

RC flying, or radio-controlled flying, is a hobby that involves controlling small aircraft remotely, using a radio transmitter. These aircraft can be model airplanes, helicopters, drones, or even gliders. It's a fantastic hobby that combines elements of aviation, engineering, and outdoor recreation. If you ever considered RC flying and thought about getting into it, join our club.





Oakville/Milton Model Flying Club, https://omfc.org/

Our club has deep roots, founded on **May 3, 1956** with six members, from a modelers group originally formed in 1947. Several Oakville fields were used over the years, currently we are at **Drumquin Park in Milton**, 12535 Britannia Rd. We offer flight instructions with eventual pilot checkout to all new members as part of the membership. We hold several field flying events, club meetings and swap meets throughout the year.



For information about our club and how to contact us please visit https://omfc.org/, the cost is reasonable. OMFC membership $100 per year, MAAC (www.maac.ca) membership $115+tax per year, and RPAS Certification $10 one time, RPAS registration $10 per RPA (plane, heli, drone etc.).

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Key points about RC flying

1. **Radio Transmitter and Receiver**: The pilot uses a handheld radio transmitter to send control signals to the aircraft, which has a receiver to interpret these signals and adjust the flight controls accordingly.
2. **Types of RC Aircraft**:
    - **Fixed-wing airplanes**: These resemble traditional airplanes with wings and a tail.
    - **Helicopters**: They have rotating blades and can hover, ascend, and descend vertically.
    - **Drones (quadcopters)**: These have multiple rotors (usually four) and offer stable flight and maneuverability.
    - **Gliders**: These are either unpowered aircraft that rely on thermal currents and wind for flight or are also available powered to assist in takeoffs.
3. **Power Sources**: RC aircraft can be powered by electric batteries, glow fuel (nitromethane, methanol & oil), gasoline, or even jet turbines for more advanced models.
4. **Building and Customization**: Many enthusiasts build and customize their RC aircraft, adding personal touches and improving performance.
5. **Community and Competitions**: RC flying has a vibrant community, with clubs, events, and competitions where pilots showcase their skills and aircraft.

Best RC aircraft models for beginners:





1. **HobbyZone AeroScout S 2 1.1m RTF Basic**: This model is perfect for first-time flyers. It offers stability and ease of control, making it a great entry point into the world of RC flying.
2. **HobbyZone Sport Cub S V2**: This model is a step up from the Duet S 2, offering more advanced features like fully functional control surfaces and Panic Recovery mode. It can be flown both indoors and outdoors.
3. **E-flite Apprentice S 15e**: Known for its durability and stability, this model is equipped with SAFE technology, which helps beginners learn to fly with confidence.
4. **VolantexRC TrainStar Exchange**: This model is designed for easy assembly and offers stable flight characteristics, making it a great choice for beginners.