



Fixed Wing (Power) - Basic Pilots Course Lesson Topics



Lesson	Objective
1 Introduction to learning to fly an RC aircraft	To understand the sequence of training and the content of the Basic Pilots Course
2 Field layout and safety procedures	To understand the requirements for safe operation of RC aircraft
3 Transmitter and aircraft controls	To control the RC aircraft using the transmitter
4 Aircraft air-worthiness	To know how to check that the RC aircraft is safe to fly and how to operate the RC aircraft safely
5 Flying in a straight line	To fly the RC airplane straight and level towards a predetermined position
6 Turns	To perform 90 and 180 degree turns ensuring the aircraft does not lose height
7 Circuits and procedural turns	To fly the airplane around the circuit (in both directions) in a rectangular pattern at a constant height with the up wind and down wind legs parallel to the airstrip
8 Figure eights	To fly figure eights at a constant height This will assist in addressing control reversal
9 Landing approaches and landing	To correctly set up for a landing and land under power using throttle control
10 Taking off	To fly the plane off from the runway (to take off)
11 Fast and slow flight	To fly the RC aircraft fast and slow, and to trim the aircraft accordingly
12 Simple aerobatics	To perform simple aerobatics to assist in getting out of trouble
13 Landing dead stick and cross wind landings	To land the aircraft when motor cuts out or when there is a cross wind
14 Putting it all together	To take off, fly a number of circuits, trim the RC aircraft, complete figure eights and safely land

**For all your training needs
contact the CMAC Chief Flying Instructor:
Ric Wood 0417 845 679**