

Exercise 11 Circuits

Aim: To teach a correct circuit technique together with emergency procedures.

Airmanship:

- **Lookout and RT**
- **T P's, Fuel, Warning Lights, Carb heat**
- **Houses & Horses, Wind Direction, Lookout Turn, Circuit Height and Direction**

You will spend a long time in the circuit. It's the best practice as it has all the elements of your flying in a short space of time. Luckily Goodwood do not charge us for circuit details as most airfields do. After a solo hover a student normally then continues to a solo circuit and from there a few hours solo in the circuit in order to hone your skills. After that we shall move to leaving the circuit and navigation. The circuit itself is a combination of exercises 6 8 9 and 10. The best way to approach the learning is to walk around a circuit in your mind. The pattern below is based on a standard Goodwood Circuit. Other airfields will have different heights or patterns and you can look them up in Pooleys. We have added Goodwood circuit in our student area as a downloadable PDF.

Discipline is very important in a circuit as you must remember you may be in the same circuit as fixed wings and other aircraft who will be expecting you to be at certain heights. It is the time to put all those areas you have learned together and put it into one flight. Before your solo we will do exercise 11c emergencies in the circuit.

1st Leg : Climb out - climb at 22" 60 Kts to 900ft continue climb or straight level turn if at 900 ft QFE

2nd Leg : Cross Wind - continue climb to 900ft, level turn

3rd Leg : Downwind Leg - straight and level, RT call, T&PS

4th Leg : Base Leg , descend, full carb heat, 900ft level out, level turn pre landing checks GOOD LOOK LEFT, RT

Final leg: Descend once established site picture, 200ft carb heat, Transition back to hover



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