

FlightGest

Cessna Cutlass Retractable Gear (C172RG) Checkout

- If you have no prior experience with a constant speed propeller you should refer to your textbooks and review the theory and operation of a constant speed propeller and manifold pressure gauge.
- If you have no prior experience with cowl flaps, refer to your textbooks for the theory and operation of cowl flaps.
- Complete the airspeed and equipment sheet:

<http://home.nc.rr.com/mwaugh/Aviation/Aircraft/AircraftCheckout.pdf>

- Obtain a copy of the C172RG POH and review it. Pay particular attention to the operation of the landing gear, including normal, abnormal and emergency operation.
- If you have not flown with a Horizontal Situation Indicator (HSI) refer to your textbooks for the theory and operation of an HSI.
- Review the operation of the Garmin 530. If you have not used a Garmin 530 before you should download the software simulator:

<http://www.garmin.com/products/gns530>

You should also access the Garmin FITS training:

http://www.garmin.com/manuals/288_SampleTrainingSyllabus.pdf

This is a large PDF file. At a minimum you should complete the home study portion of the syllabus and discuss the flight portion with your instructor,

- There is a WX-500 Stormscope installed – you can access the pilot manuals at:

<http://www.as.1-3com.com/products/wx500.asp>

For an article on using a Stormscope see:

<http://www.fepco.com/article.trw.html>

- You can download the pilot handbooks for the S-TEC 50 Autopilot from:

<http://www.s-tec.com/publications.html>

You should be familiar with how to engage and disengage the auto-pilot (normal and abnormal) and the limitations of the auto-pilot. You should also familiarize yourself with the use of the auto-pilot on instrument approaches.