

Chapter 2

**Questions
and Answers
from the
Federal Aviation
Regulations**

**Name four tasks
that every pilot
must carry out
prior to every
VFR flight**

- Preflight the airplane
- Check for any known traffic delays
- Become familiar with all available information concerning the flight
- Calculate the weight and balance to determine if the CG is within limits

√ When did you last do #4?
Check in “Piloting with Confidence – Charts, Checklists, Systems and Cockpit Tips”
[<http://www.ajpublicationsca.com>]
for ways to make weight and balance an easy and quick check



You are in flight in the vicinity of an airport and have no radio communication

What should you do in each case if you get the following light signal from the tower?

- **Steady green**
- **Flashing green**
- **Steady red**
- **Flashing red**
- **Flashing white**
- **Alternating red & green**

- Cleared to land
- Return for landing
- Give way to other craft & continue circling
- Airport unsafe – do not land
- Not applicable
- Exercise extreme caution

[91.125][also AIM 4-3-13]



**What
instruments and
equipment are
required for VFR
flight during the
day?**

- Airspeed indicator
- Altimeter
- Magnetic direction indicator
- Tachometer for each engine
- Oil pressure gauge for each engine
- Temperature gauge for each liquid-cooled engine
- Oil temperature gauge for each air-cooled engine
- Manifold pressure gauge for each altitude engine
- Fuel gauge
- Landing gear position indicator, if your aircraft has retractable landing gear
 - For small civil airplanes certificated after March 11, 1996, in accordance with part 23 of this chapter, an approved aviation red or aviation white anticollision light system
- Safety belts for each occupant
 - For small civil airplanes manufactured after July 18, 1978, an approved shoulder harness for each front seat
- An emergency locator transmitter, if required by §91.207

[91.205]



**When are you
required to use
supplemental
oxygen in an
airplane?**

- >12,500 - 14,000 MSL

If greater than 30 min,
then the crew must use O₂

- >14,000 - 15,000 MSL

The crew must use O₂

- >15,000 MSL

The crew and the
passengers must all use
O₂

√ But consider using O₂ at 8000
MSL and even 5000 MSL at night;
you will notice the difference

