

## Collision Avoidance

### See and avoid

- Any time you are operating an aircraft in VMC you are responsible for scanning for traffic regardless if operating on an IFR flight plan
- Utilize all resources. If you are carrying passengers, ask them to also look for other aircraft.

### Strategies

- Divide the sky into segments. 10degree segments is recommended
- sweep your eyes across the sky while focusing on each segment several seconds.
- remember to make position reports while operating in a non towered environment also, utilize ATC services such as flight following

### Limitations

- be aware of limitations and illusions such as blind spots and haze that exist, hindering the effectiveness of your scan
- on a hazy day objects may appear further away than they actually are
- staring into the sun, bugs, or dirt will also decrease your scan capabilities.
- high wing aircraft make it difficult to look for traffic above you, while low wing is the opposite

### Hot Spots

- your chances of a collision are greatest during takeoff and landing
- airports mean there's a greater number of aircraft operating in a confined area
- be sure to announce each leg of the traffic pattern
- remember, the aircraft at the lower alt. has the right of way.
- do not take advantage of this rule so that you can cut someone off on final approach