

## Is key terms

Air mass thunderstorm, severe thunderstorm. Single cell super cell multi cell squall. Line frontal thunderstorm cumulus stage gust front roll cloud dissipating stage. Shearzone tornado waterspout low level turbulence I.L t mechanical turbulence convective turbulence cap in stable layer. Frontal turbulence wake disturbance. Jet engine blast clear air turbulence c. AT jet streammountain waves rotor windshield microburst. Low level windshield alert system LLWAS terminal Doppler. Weather radar t are rhyme iclear ice mixed ice haze smoke smog dust. Volcanic ash

## Questions

What are three basic ingredients needed for the formation of a thunderstorm

What causes thunderstorms anvil to form?What can it tell you about the thunderstorm movement

Recall the general procedures.You should use when encountering turbulence in flights

True or false c. U. M. U. LUS clouds indicate the presence of mechanical turbulence.

What is the most dangerous condition for landing with respect to wing tip vortices

What technique should you be used to avoid?Wake turbulence during takeoff behind a large aircraft

Climb on the flight path of the preceding aircraft

Climb below the flight path of the preceding aircraft

Climb above the flight path of the preceding aircraft

What kind of turbulence is indicated by the presence of rotor cap and lenticular clouds

Discuss the inflight visual indications of possible wind shear

Match the following type of structural icing with its characteristics

Clear

RIME

Mixed

Occurs in temperatures between negative ten celsius and negative fifteen celsius

Develop.

S in an area of large super cold water droplets

Normally is encountered in stratus clouds

What?

Is the recommended course of action you inadvertently enter in an volcanic ash cloud

Reverse course

Attempt To climb up and out of the cloud

Contin.

Use straight ahead to exit on the opposite side