

NAME: _____

SWYK QUIZ SYST 460

FAA Airmans Knowledge Exam Question

Under which condition will pressure altitude be equal to true altitude?

- A) When the atmospheric pressure is 29.92 inches Hg.
- B) When standard atmospheric conditions exist.
- C) When indicated altitude is equal to the pressure altitude.

Describe the following Key Terms

International Standard Atmosphere (ISA) –

2. Standard Altitude Lapse Rate –

3. Standard Temperature lapse Rate –

Indicated Altitude –

5. Pressure Altitude –

Density Altitude –

7. True Altitude –

8. Absolute Altitude –

9. One inch change in altimeter setting = _____ ft of indicated altitude change in same/opposite direction

10. If atmospheric temperature is higher than standard temperature, true altitude will be higher/lower than your indicated airspeed

11. If atmospheric temperature is colder than standard temperature, true altitude will be higher/lower than your indicated airspeed

12. If you fly from an area of high pressure to an area of low pressure without resetting the altimeter, the altimeter will indicate higher/lower than true altitude.

13. True altitude will be higher/lower than indicated altitude if you do not reset your altimeter when flying from a low pressure area to an area of high pressure.