

- S1-10. Air and fuel mixture of the engine is usually measured with?
A. Exact Gauged Temperature of the engine.
B. Equivalent Gearbox Temperature.
C. Exhaust Gas Temperature.
- S1-11. If the EGT is out of range, what does this mean?
A. Engine is too hot. B. There's a mixture problem. C. Gearbox is too hot.
- S1-12. How do you want the different EGTs to read?
A. All about the same.
B. There is only one of them.
C. They are independent so it does not matter as long as they are all within range.
- S1-13. What are typical EGT readings?
A. 850° to 1,100° F.
B. 300° to 500° F.
C. 1,100° to 1,500° C.
- S1-14. How is the typical two-stroke, air-cooled engine temperature measured?
A. Oil temperature.
B. Water temperature.
C. CHT or Cylinder Head Temperature
- S1-15. Water temperature is used to measure?
A. Two-stroke, water-cooled engine temperature, and some four-stroke engine temperatures.
B. Almost all ultralight and light-sport aircraft engines, except the fuel-injected models.
C. Heater system efficiency.
- S1-16. Oil temperature is used to measure what type of engine temperatures?
A. All types of engine temperatures.
B. Some four-stroke engines.
C. Two-stroke engine temperatures.
- S1-17. What two instruments do four-stroke engines have that two-stroke engines do not have?
A. Engine temperature and EGT.
B. Oil temperature and oil pressure.
C. Propeller RPM and thrust.
- S1-18. What power setting provides you with the best climb rate?
A. Slowest speed B. Full power C. Cruise power
- S1-19. What indication do you use to determine what your power setting is?
A. Engine rpm B. Airspeed C. EGT
- S1-20. How do you change your glide ratio for landing?
A. Adjust the throttle B. Adjust the airspeed C. Change directions
- S1-21. What throttle setting provides the steepest glide angle?
A. Cruise power.
B. Minimum throttle or the throttle shut off.
C. Any throttle setting.
- S1-22. The purpose of the fuel tank vent system is to?
A. Remove dangerous vapors from the aircraft and prevent an explosion.
B. Allow air to enter the tank as fuel is consumed.
C. Ensure a proper fuel-to-air ratio.