

REQUIRED VFR INSTRUMENTS: A-TOMATO-FLAMES



On your checkride, you will need to know [91.205\(b\)](#) which specifies VFR Day Instrument Requirements for flight.

We use the acronym A-TOMATO-FLAMES to remember the required equipment.

Altimeter

Tachometer

Oil temperature gauge

Magnetic compass

Airspeed Indicator

Temperature gauge (for liquid-cooled engines)

Oil pressure

Fuel quantity gauge

Landing gear position indicator (for retractable landing gear)

Anti-collision lights – (for aircraft certified after March 11th, 1996)

Manifold pressure gauge (for airplanes with a constant speed propeller)

ELT

Seatbelts

Note: If the aircraft was not built with equipment, it is not required. For example, a Cessna 172 has an air-cooled engine and fixed landing gear.

Further reading: [Airplane Flying Handbook Chapter 2](#); [FAR/AIM 14 CFR § 91.205](#)

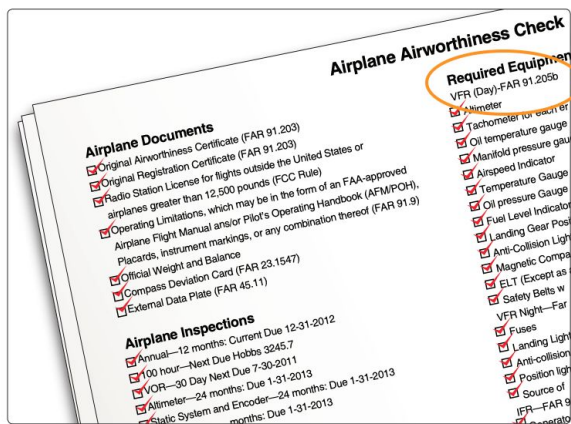


Figure 2-4. A sample airworthiness checklist used by pilots to inspect an aircraft.

