

Required Equipment

Powered Civil Aircraft ^W/ Standard Category Airworthiness Certificates

FAR 91.205; 91.207; 91.209

(Current as of 2016-05-24)

VFR Day (91.205 (b)1-17)	Engine	Performance & Navigation	Safety
	Tachometer (for each engine)	Airspeed Indicator	Fuel Gauge (for each tank)
	Oil Pressure Gauge (for each engine)	Altimeter	Landing Gear Position Indicator (if applicable)
	Temperature Gauge (for each engine if liquid cooled)	Magnetic Direction Indicator	Approved Anti-collision light system
	Oil Temperature Gauge (for each engine if air cooled)		Approved Flotation Gear / Pyrotechnic Signaling Device
	Manifold Pressure Gauge (for each altitude engine)		Approved Safety Belt for each occupant over 2 yrs.
			Approved Shoulder Harnesses (as required)
		Emergency Locator Transmitter (if required by 91.207)	
VFR Night (91.205(c)1-6)	Engine	Performance & Navigation	Safety
	MUST INCLUDE INSTRUMENTS AND EQUIPMENT LISTED IN 91.205(b) IN ADDITION TO:		
			Approved Position Lights
	Adequate Source of Electrical Energy for all Installed Electrical and Radio Equipment		One Electric Landing Light (if for hire)
		One Spare Set of Fuses or three spare fuses of each kind required that are accessible to the pilot in flight	
Instrument Flight Rules 91.205(d)1-9	Engine	Performance & Navigation	Safety
	Instruments and equipment specified in 91.205 paragraph (b) of this section, and, for night flight, instruments and equipment specified in paragraph (c)		
	Generator or alternator of adequate capacity.	Two-way radio communication and navigation equipment suitable for the route to be flown	
		Gyroscopic rate-of-turn indicator (as applicable)	
		Slip-skid indicator	
	Sensitive altimeter adjustable for barometric pressure		

	Engine	Performance & Navigation	Safety
		A clock displaying hours, minutes, and seconds with a sweep-second pointer or digital presentation.	
		Gyroscopic pitch and bank indicator (artificial horizon).	
		Gyroscopic direction indicator (directional gyro or equivalent)	

For Flight at and above 24,000 feet MSL (FL 240); Category II operations; Category III operations; and Night vision goggle operations please see applicable sections of FAR Part 91.205.