

IFR Airworthiness Checklist

Required Documents [ARROW]

- (A) Current airworthiness certificate – 91.203
- (R) Current registration – 91.203
- (R) Radio station license [if flown internationally]
- (O) Operating Limitations: Airplane Flight Manual/POH and/or appropriate placards and markings – 91.9
- (W) Weight and balance – 91.9

Required DAY VFR Equipment – 91.205(b) [ATOMATOF LAMES]

- (A) Anticollision light system [if airplane certificated after 3/11/96]
- (T) Tachometer for each engine
- (O) Oil pressure gauge for each engine [if pressure system]
- (M) Magnetic compass
- (A) Altimeter
- (T) Temperature gauge for each engine [if liquid cooled]
- (O) Oil temperature gauge for each engine [if air cooled]
- (F) Fuel gauge for each tank
- (L) Landing gear position indicator [if retractable gear]
- (A) Airspeed indicator
- (M) Manifold pressure gauge for each engine [if altitude engine]
- (E) ELT [if required by 91.207]
- (S) Safety belt(s) [each occupant \geq 2 years old] and shoulder harness(s) [each front seat, manufactured after 7/18/78; all seats if manufactured after 12/12/86]
- Floatation gear and pyrotechnic signaling device [for hire over water]
- Any equipment listed on the equipment list as required
- Possible supplemental oxygen [91.211]

Required NIGHT VFR Equipment – 91.205(c) [FLAPS]

- All required day VFR equipment above
- (F) One spare set of fuses, or three spare fuses of each kind required [if applicable]
- (L) electric Landing light [if for hire]
- (A) Anticollision light system
- (P) Position lights
- (S) adequate Source of electrical energy

Required IFR Equipment – 91.205(d) [GRABCARD]

- All required day VFR or night VFR equipment, as appropriate
- (G) Generator or alternator
- (R) two-way Radio communications and navigation equipment appropriate to the facilities to be used
- (A) sensitive Altimeter adjustable for barometric pressure
- (B) Ball (slip-skid indicator on turn coordinator)
- (C) Clock displaying hours, minutes, and seconds with a sweep-second pointer or digital presentation
- (A) Attitude indicator
- (R) Rate-of-turn indicator (turn coordinator)
- (D) Directional gyro

Maintenance Records [AVIATE]

- (A) Annual – 91.409(a)
- (V) VOR check (30 days) – 91.171 [IFR only]
- (I) 100 hour Inspection – 91.409(b) [if carrying passengers or flight instruction for hire]
- (A) Altimeter-static system (24 calendar months) – 91.411 [IFR only]
- (T) Transponder (24 calendar months) – 91.413
- (E) ELT battery expiration – 91.207(c) and ELT inspection (12 calendar months) – 91.207(d)
- All ADs complied with – 91.417
- Information on life-limited components