

Instrument Checks

VOR Checks

VOR checks must be completed with _____ days and a record should be kept inside the aircraft.

Tolerances Allowed:

- _____ **Check:** +/-4°
(180° TO or 360° FROM)
- Designated Ground Checkpoint:** _____ °
- Designated Airborne Checkpoint:** _____ °
- Pilot Designated Airborne:** _____ °
(Prominent on airway >20 NM)
- _____ **VOR Check:** w/in _____ °
- Bench Check/Maintenance:** _____ °

Records Should Include: (SPED)

- S _____
- P _____
- E _____
- D _____

Instrument Checks Before Flight

1. **Clock:** _____
2. **Airspeed:** At or near _____
3. **Attitude Indicator:** Up & erect w/in _____ minutes & within _____ degrees
4. **Altimeter:** W/in _____ of airport elevation w/ correct barometer setting
5. **Turn Coordinator:** Warning flag _____, wings bank _____ the turn, ball _____ the turn.
6. **Heading Indicator:** Numbers increase with turns to the _____, and decrease with turns to the _____.
7. **Vertical Speed Indicator:** _____ for zero.
8. **Magnetic Compass:** Full of _____, indicates known headings, swings freely, right turns _____, & left turns _____.
9. **Alternate Static Air:** Shows jump on altimeter and VSI (approximately _____ knots, _____ feet altitude, and _____ feet VSI when in flight)