

## IFR Checklist

1. **Before Start** – When battery switch is first turned on, listen for the turn coordinator spin up, should sound smooth.
2. **After Start** – Suction page should read normal during engine run up. Check that both pumps are operating.
3. **Magnetic Compass** – Check for full bowl and freedom, check heading indicator. Allow 5 minutes for directional gyro to spin up, set to known heading while taxiing. Always check setting when lined up for takeoff.
4. **Attitude Indicator** – Allow for spin up, horizon bar should erect to the horizontal position and remain at the correct position.
5. **Altimeter** – Check for within 75 feet of elevation, may vary because of difference between location and published field elevation.
6. **Vertical Speed Indicator** – Should read zero if not, note error and interpret zero position in flight.
7. **Radios** – Set and tune all radios to frequencies needed before takeoff. Tower and departure on top radio. Nav frequency and radial set.
8. **Carb Heat** – Checked and Pitot heat on if O.A.T. below 10 degree C.

### **TAXIING**

1. **Turn Coordinator** – Miniature airplane should turn in direction of turn. Ball opposite of turn.
2. **Heading Indicator** – Should turn Smoothly and runway heading when lined up for take off.
3. **Attitude Indicator** – Horizon bar should remain horizontal during taxi.

### **APPROACH**

1. Tune and identify all radios set inbound course.
2. **Brief** – Initial approach Altitude. Decision height or MDA. Time to both missed approach.

### **MISSED APPROACH**

1. Take off power, pitch-up.
2. Fly missed approach heading.
3. Declare missed approach.
4. No radio turning below 500 feet.

