

# Memory Aids

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Another way to ensure necessary checks are performed without using a formal checklist is by using popular mnemonics, or memory aids, like “CIGAR-TIP” and “GUMPS.” Versions of both are reproduced below.

**C—Controls free and correct**  
**I—Instruments read correctly**  
**G—Gas sufficient for flight and proper tank selected for takeoff**  
**A—Angle of flaps**  
**R—Run-up magneto, carb heat and propeller checks as appropriate**  
**T—Trim set**  
**I—Interior set: Seat belts, doors and windows latched**  
**P—Pattern checked for other aircraft.**

**G—Gas set to the proper tank for landing**  
**U—Undercarriage (landing gear) down and locked**  
**M—Mixture set**  
**P—Propeller set**  
**S—Switches (fuel pumps, etc.) as appropriate, plus seatbelts, etc.**

Although neither is perfect for every aircraft you might fly, memorizing and using them definitely can help prevent major embarrassment, or worse.