

## Cessna 172 N3543G Normal Checklist

### BEFORE ENGINE START

- |                         |            |
|-------------------------|------------|
| 1) Preflight Inspection | Complete   |
| 2) Passenger Briefing   | Complete   |
| 3) Seats and Seatbelts  | Set        |
| 4) Brakes               | Test & Set |
| 5) Circuit Breakers     | Check      |
| 6) Electrical Equipment | Off        |
| 7) Avionics Master      | Off        |
| 8) Fuel Selector Valve  | Both       |
| 9) Fuel Shutoff         | Off        |

### STARTING ENGINE

- |                                   |  |
|-----------------------------------|--|
| 1) Throttle                       | Open 1"  |
| 2) Mixture                        | Idle Cutoff  |
| 3) Propeller Area                 | Clear  |
| 4) Master Switch                  | On   |
| 5) If Engine Warm, skip steps 6-8 |  |
| 6) Aux Fuel Pump                  | On   |
| 7) Mixture                        | Advance until Fuel Flow begins to rise, then idle cutoff |
| 8) Aux Fuel Pump                  | Off  |
| 9) Ignition Switch                | Start  |
| 10) Mixture                       | Advance when engine starts                               |
| 11) Oil Pressure                  | Check  |
| 12) Rotating Beacon               | On   |
| 13) Avionics Master               | On   |
| 14) Flaps                         | Retract  |
| 15) Mixture                       | Lean (1" out)  |

### BEFORE TAKEOFF

- |                       |                |
|-----------------------|----------------|
| 1) Brakes             | Set            |
| 2) Seats and Belts    | Check          |
| 3) Cabin Doors        | Latched        |
| 4) Flight Controls    | Free & Corred  |
| 5) Flight Instruments | Set            |
| 6) Elevator Trim      | Takeoff        |
| 7) Fuel Selector      | Both           |
| 8) Mixture            | Rich           |
| 9) Throttle           | 1800 RPM       |
| a) Magnetos           | Check <150 RPM |
| b) Suction            | Check          |
| c) Engine Instruments | Check          |
| d) Annunciator Panel  | None Lit       |
| 10) Throttle          | Check Idle     |

- |                 |          |
|-----------------|----------|
| 11) Throttle    | 1000 RPM |
| 12) Strobes     | On       |
| 13) Radios      | Set      |
| 14) Autopilot   | Off      |
| 15) Transponder | ALT      |

### NORMAL TAKEOFF

- |             |        |
|-------------|--------|
| 1) Throttle | Full   |
| 2) Rotate   | 55 Kts |
| 3) Climb    | 79 Kts |

### CRUISE

- |            |               |
|------------|---------------|
| 1) Power   | Less than 80% |
| 2) Mixture | Lean          |

### DESCENT

- |                  |       |
|------------------|-------|
| 1) Mixture       | Rich  |
| 2) Fuel selector | Both  |
| 3) Seat Belts    | Check |
| 4) Altimeter     | Set   |

### GO AROUND

- |                          |                   |
|--------------------------|-------------------|
| 1) Throttle              | Full              |
| 2) Flaps                 | Retract Gradually |
| 3) Climb                 | 55 Kts            |
| 4) Once Obstacle Cleared | Flaps up          |
| 5) Accelerate            | 79 Kts            |

### AFTER LANDING

- |                |         |
|----------------|---------|
| 1) Flaps       | Up      |
| 2) Strobes     | Off     |
| 3) Transponder | Standby |

### SHUT DOWN

- |                              |               |
|------------------------------|---------------|
| 1) Avionics Master Switch    | Off           |
| 2) Lights & Electrical Equip | Off           |
| 3) Mixture                   | Idle Cutoff   |
| 4) Magnetos                  | Off           |
| 5) Master                    | Off           |
| 6) Fuel Selector             | Right or Left |
| 7) Control lock              | Install       |
| 8) Pitot Cover               | Install       |