

CESSNA 185 CHECK LIST

BEFORE ENGINE START

1. Preflight inspection - **Complete**
2. Seatbelts - **Fastened**
3. Fuel shutoff valve - **On**
4. Avionics power - **Off**
5. Autopilot - **Off**
6. Circuit breakers - **Check**
7. Cowl flaps - **Open**

ENGINE START

1. Mixture - **Rich**
2. Prop - **High RPM**
3. Master switch - **On**
4. Fuel pump - **On**
6. Throttle - **Full then close** (2 seconds)
7. Prop - **Clear**
8. Brakes - **Set**
9. Ignition switch - **Start**
10. Throttle - **Advance** until engine starts
11. Throttle - **Reduce** to 1000 RPM
12. Oil pressure - **Check**
13. Nav lights - **On** (night)

BEFORE TAKEOFF

1. Doors - **Locked**
2. Controls - **Free and correct**
3. Instruments - **Check and Set**
4. Fuel shutoff valve - **On**
5. Fuel selector - **Both**
6. Fuel quantity - **Check**
7. Mixture - **Rich** (or lean for elevation)
8. Trim - **Set**
9. Cowl flaps - **Open**
10. Runup
 - Prop:** 1700 RPM
 - Magnetos:** right/left (150 max drop)
 - Prop:** cycle
 - Suction:** check
 - Ammeter:** check
11. Radios - **Set**
12. Autopilot - **Off**
13. Transponder - **ALT**
14. Strobes - **On** (night)
15. Flaps - **20° or 30°**

TAKEOFF

1. Initial climb: Full power
85 KIAS
2. Obstacles cleared: 25"/2500 RPM
100 KIAS
Flaps up

BEFORE LANDING

1. Cowl flaps - **Closed**
2. Seat belts - **Fastened**
3. Fuel selector - **Both**
4. Mixture - **Rich**
5. Prop - **High RPM**
6. Flaps - **10° to 40°**
7. Speed: **Downwind** 80 KIAS
Final 70 KIAS
Short field 60 KIAS

AFTER LANDING

1. Flaps - **Up**
2. Cowl flaps - **Open**
3. Trim - **Centered**

SHUTDOWN

1. Avionics power - **Off**
2. Mixture - **Idle cutoff**
3. Mags - **Off** after prop stops
4. Master - **Off**

SPEEDS KIAS

Best (3350 lb)	75
glide (1950 lb)	58
Va (3350 lb)	118
(1950 lb)	90
Vx (flaps 10)	57
(flaps 20)	47
(flaps 30)	37
Vy (sea level)	88
(10000 ft)	82

EMERGENCY LANDING

1. **TRIM** for 75 KIAS
2. **CHOOSE** a field & **TURN** to it
3. **TROUBLESHOOT** if time permits
 - fuel selector, primer
 - mixture, magnetos
 - fuel and oil pressure
 - try engine restart
4. **COMMUNICATE** if time permits
 - Mayday: on 121.5 (who, where)
 - Squawk: 7700
5. **LANDING**
 - Seatbelts - SECURE
 - Fuel selector - OFF
 - Mixture - IDLE CUTOFF
 - Magnetos/Master - OFF
 - Door - UNLATCHED
 - Flaps - 40°