

1946 Aeronca 7AC N1059E Checklist

Before Starting Engine

- Preflight..... Complete
- Passenger Briefing..Complete
- Seatbelts..... On

Engine Start

- Brakes..... Set/Tied/Chocked
- Fuel Valve..... On
- Carb Heat..... Cold
- Prime..... As required (2 full strokes cold)
Pull through 4 strokes
- Mags..... On
- Throttle..... Slight
- Prop..... Clear, Throw blade down
- Idle..... 800 RPM
- Oil Pressure..... Check, Pressure within 30 seconds

Before Taxi

- Radio/Intercom.... On/set
- AWOS..... Check
- Altimeter..... Set

Run-up

- Brakes..... Hold
- Throttle..... 1700 RPM
- Engine Instruments..Check
- Magnetos..... 125 RPM drop / 50 differential
- Carb Heat..... Check
- Idle..... Check
- Throttle..... Below 1000 RPM

Before Takeoff

- Trim..... Set
- Fuel..... On
- Primer..... In and locked
- Carb Heat..... Cold
- Flight Controls..... Free and correct
- Instruments..... Check and set
- Seatbelts..... On
- Door..... Closed/Latched

V-Speeds

Vr- 50 MPH
Vx- 60 MPH
Vy- 65 MPH
Vg- 65 MPH
Vne- 129 MPH

- Final..... Clear

Normal Takeoff

- Throttle..... Full open
- Lift tail..... 30 MPH
- Rotate..... 50 MPH
- Climb..... 65 MPH

Enroute Climb

- Airspeed..... 75
- Throttle..... Full (Max 2575 PRM)

Cruise

- Power..... 2100-2400 RPM
- Elevator..... Trim
- Gauges..... Check

Before Landing

- Carb Heat..... On
- Gas..... On
- Power..... Set
- Seatbelts..... On

Landing

- Final Approach..70 MPH
- Touchdown..... Straight
with no lateral movement
- Brakes..... As needed
- Elevator..... Full up

Go Around

- Throttle..... Full
- Carb Heat..... Cold
- Climb..... 65 MPH

After Landing

- Carb Heat..... Cold
- Trim..... Set

Shut Down

- Fuel..... Off
- Mags..... Off
- Tach Time..... Note
- Control Lock...Front belt on stick
- Tie-downs/Chocks... If needed

Emergencies

Rough Engine

- Carb Heat..... On
- Mags..... Check

Engine Failure After Takeoff

- Lower nose immediately
to maintain Vg (65 MPH)
- Land straight ahead

Engine Failure During Flight

- Airspeed..... Vg- 65 MPH
- Best Place to Land
- Checklist
 - Fuel..... On, Quantity
 - Carb Heat....On
 - Mags..... Check, On
 - Primer... In and locked

No Restart & Time Permits

- Declare Emergency
- Seatbelts..... On
- Mags..... Off
- Fuel..... Off
- Unlatch door

Engine Fire

- Fuel..... Off
- Mags..... Off
- Cabin Heat..... Off
- Dive to put out fire
- Land ASAP