

## AERONCA CHAMP 7AC CHECKLIST

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### PREFLIGHT

#### CABIN

1. AROW Checked
2. Mags OFF

#### EMPENNAGE

1. Control Surfaces Check
2. Cable & Rod Tension Check
3. Tailwheel Check

#### LEFT WING

1. Aileron Check
2. Wing Tip Shake check
3. Leading Edge & Strut Check
4. Main Tire Check
5. Brake Check

#### NOSE

1. Fuel Quantity Stick Check
2. Prop and spinner Examine
3. Engine Cooling Openings Check
4. Carburetor Air Filter Check
5. Engine Oil Level Check (4 qts)  
*Wipe any overspray- looking for excess*
6. Fuel Strainer Drain

#### RIGHT WING

1. Leading Edge & Strut Check
2. Pitot/Static Source Check
3. Wing Tip Shake check
4. Aileron Check
5. Main Tire Check
6. Brake Check

## **BEFORE STARTING ENGINE**

1. Preflight inspection Complete
2. Seat & Shoulder Belts(Pilot) Secure

## **STARTING ENGINE**

1. Fuel Valve On
2. Throttle Open 1/3-1/2
3. Carb Heat Cold (In)
4. Prop Area Clear
5. (CoPilot) **“Mags Cold”**  
(Pilot) **“Mags Cold”**
6. (Pilot) **“Brakes On” (Hold)**  
(CoPilot) **“Brake Check” (at base of prop)**
7. (CoPilot) **Prime 3-4 times while pulling through 6 times**
8. (CoPilot) **“Mags Hot”**  
(Pilot) **“Mags Hot”**
9. (Pilot) **Hold Brakes and manage throttle**  
(CoPilot) **Pull Prop and step back**
10. Oil Pressure Check
11. Seat & Shoulder Belts Secure
12. Handheld Radio On
13. Brakes Release and check

## **BEFORE TAKEOFF**

1. Flight Controls Free and Correct
2. Passenger Briefing Complete
3. AWOS Check
4. Altimeter Set
5. Runup 1700 RPM
  - a. Magnetos Check  
*Drop not to exceed 75 RPM/50 RPM differential*
  - b. Carb Heat Check
6. Throttle <1000 RPM (slow taxi)

## **TAKEOFF NORMAL**

1. Carb Heat Off (In)
2. Throttle Full
3. Engine Instruments Check
4. Climb Speed 50-60 MPH

### **AFTER LANDING**

1. Carb Heat Off (In)
2. Throttle <1000 rpm
3. Refill Fuel (if dual)

### **SHUTDOWN**

1. Mags Off
2. Fuel Off
3. Radio Off

### **EMERGENCY PROCEDURES**

#### **ENGINE FAILURE AFTER TAKEOFF**

1. Lower Nose 50-55 MPH
2. Execute forced landing

#### **ENGINE FAILURE DURING FLIGHT**

1. Airspeed As required
2. Fuel On
3. Carb Heat On
4. Primer In and Locked
5. Mags On
6. Execute forced landing

### **FORCED LANDINGS**

#### **LANDING WITHOUT ENGINE POWER**

1. Airspeed 50-55 MPH
2. Fuel Off
3. Door Unlatch prior to touchdown
4. Touchdown Three point landing
5. Brakes Apply as needed

#### **PRECAUTIONARY LANDING WITH ENGINE POWER**

1. Airspeed 50-55 MPH
2. Fuel On
3. Mags On
4. Door Unlatch prior to touchdown
5. Touchdown Three point landing
6. Brakes Apply as needed