

# C172 / C152

carbureted  
(no AUX pump)

1. Squawks & Hoobs.....CHECK
2. **AROW** docs (AC/pilot).....CHECK
3. Control lock.....REMOVE
4. Radio&Accessories.....OFF
5. Ignition Switch.....OFF/key
6. Master/**BATTERY Side**.....ON
7. Low voltage lights.....CHECK
8. Flaps.....DOWN 10
9. Fuel gauges.....CHECK
10. Master Switch...all.....OFF
12. Fuel Shut-Off valve.....ON
13. **Exterior pre-flight....CHECKLIST**

## PRE-START

1. Seat.....ADJUSTED
2. Seat belts, Harness.....ON
3. Brakes.....SET
4. Fuel Shut-Off valve.....ON
5. Fuel selector.....BOTH
6. Circuit breakers.....ALL IN
7. Radio & Accessories.....OFF
8. Clock.....SET

## STARTING ENGINE

1. Mixture.....RICH
2. Throttle.....CRACKED
3. Carb Heat.....COLD
4. Primer.....3-4 x
5. Master Switch-Battery side.....ON
6. Area.....(shout).....CLEAR
7. Ignition switch (key).....START
8. Throttle.....1000
9. Oil pressure.....CHECK
10. ALternator.....ON
11. AMmeter/Suction.....CHECK

## PRE-TAXI

1. Beacon.....ON
2. Flaps.....FULL DOWN/UP
3. Mixture.....LEAN SLIGHTLY
4. Radios.....ON
4. GPS Database & Ops.....CHECK
5. **ATIS, ALT**imeter.....RECEIVED
6. **CLEARANCE**.....RECEIVED
6. Transponder (**XPDR**)..AS REQUIRED
7. **GRD CONTROL**.....CONTACT

## TAXI

1. Breaks & Steering.....CHECK
2. Mag Compass.....CHECK
3. Attitude Indicator.....CHECK
4. Heading Indicator.....CHECK
5. Turn Coordinator.....CHECK

## ENGINE RUNUP & PRE-DEPARTURE

1. Nosewheel straight.....PARK
2. Area.....CLEAR
3. Brakes.....HOLD
4. Mixture.....RICH
5. Throttle.....1700
6. Engine Gauges.....GREEN
7. Carb Heat.....ON.....5sec
8. Mixture LEAN&SET.....1/2way IN
9. MAGs R-B/L-B | 125 drop 50 diff.....CHECK
10. AMmeter (w/ flaps).....OK
11. Suction.....CHECK
12. Throttle **Idle**.....CHECK
13. Throttle.....1200
14. Flight Instruments.....CHECK&SET
15. Fuel Selector.....BOTH
16. Fuel.....QUANTITY
17. Trim.....SET&CHECK
18. Flaps.....SET&CHECK
19. Mixture.....SET
20. Throttle Friction.....SET
21. Carb Heat.....SET
22. MAGs/MASTER/Primer.....CHECK
23. Doors + Windows.....CLOSED
24. **Controls**...(box)..**FREE&CORRECT**
25. Radios.....SET
26. **XPDR**.....CODE&SET/ALT

**DEPARTURE, CLIMB, T/O Check**

1. Runway Items  
....**LIGHTS**....**CAMERA**....**ACTION**
2. Throttle.....**FULL**
3. RPM, Oil Pressure.....**CHECK**
4. Rotate.....**Vr**.....**50**
5. Climb.....**Vx**.....**65**

**@ 1000 ft. AGL - Post T/O Checklist**

1. Climb.....**Vy**.....**75**
2. Ldg. Lights.....**OFF**

**CRUISE**

- Power..(RPM).....**2200-2400**  
Mixture.....**LEAN** as necessary

**LANDING** **ATIS** **75**

1. **G**as, Fuel.....**BOTH**
2. **U**ndercarriage.....**DOWN**
3. **M**ixture.....**SET**
4. **P**rop.....**SET**
5. **B**reaks.....**CHECK**
6. **L**ights.....**ON**
7. **E**ngine Gauges.....**CHECK**
8. **S**eat belts.....**SECURE**
9. **C**arb Heat.....**ON**

**LANDING** **>60**

- IAS.....**65**  
IAS short field.....**61**

**POST-LANDING** **clr-of-rwy**

1. Lights.....**OFF** as necessary
2. Carb Heat.....**OFF**
3. Flaps.....**UP**
4. Radios (GND).....**SET**

**SHUT DOWN**

1. Throttle **idle**.....**1000**
2. Radio, Intercom, Electric.....**OFF**
3. MAGs.....**OFF** briefly - **ON**
4. Mixture.....**IDLE CUT OFF**
5. Mags.....**OFF/key out**
5. **Beacon**.....**OFF**
6. Hobbs.....**RECORD**
6. **MASTER**.....(both).....**OFF**

**GO AROUND** **clean a/c**

1. Trim.....**NEUTRAL**
2. Throttle.....**FULL**
3. **Vx**.....**65**  
.....**positive rate of climb**
4. Flaps up.....**1 notch@time**

**SECURING AIRCRAFT**

1. Tiedown.....**THREE POINTS**
2. Chocks.....**ONE WHEEL MINIMUM**
3. Control Lock.....**INSTALLED**
4. Seat Belts.....**SECURE**
5. Hobbs & Tach.....**RECORDED**
6. Headset&Checklists.....**REMOVED**

**Sunrise**  
**123.5**

**Atlantic**  
**122.85 / 131.57**