

C172 R/S

fuel injected
(AUX pump)

1. Squawks & Hoobs.....CHECK
2. **AROW** docs (AC/pilot).....CHECK
3. Control lock.....REMOVE
4. Avionics Master.....OFF
5. Accessories.....OFF
6. Ignition Switch.....OFF/key
7. Master/**BATTERY Side**.....ON
8. Annunciator Lights.....TEST
9. Flaps.....DOWN 10
10. Fuel gauges.....CHECK
11. 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. Avionics Master & Access.....OFF
8. Clock.....SET

STARTING ENGINE

1. Master Switch-Battery side.....ON
2. Throttle.....FULL
3. Oil Temperature.....CHECK 130
4. Mixture.....Engine **COLD**: RICH
Engine **HOT**: LEAN
5. AUX Pump....**COLD**: 3sec
HOT: CHECK/OFF
6. Throttle.....1/4"
7. Mixture.....LEAN
8. Area.....(shout).....CLEAR
9. Ignition switch (key).....START
Mix RICH as eng. catches
10. Throttle.....1000
11. Oil pressure.....CHECK
12. ALternator.....ON
13. AMmeter/Suction.....CHECK

PRE-TAXI

1. Beacon.....ON
2. Flaps.....FULL DOWN/UP
3. Mixture.....LEAN SLIGHTLY
4. Avionics Master.....ON
5. GPS Database & Ops.....CHECK
6. **ATIS**, ALTimeter.....RECEIVED
7. **CLEARANCE**.....RECEIVED
7. Transponder (**XPDR**)..AS REQUIRED
8. **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. Mixture LEAN&SET.....1/2way IN
8. MAGs R-B/L-B | 125 drop 50 diff.....CHECK
9. AMmeter (w/ flaps).....OK
10. Suction.....CHECK
11. Throttle **Idle**.....CHECK
12. Throttle.....1200
13. Flight Instruments.....CHECK&SET
14. Fuel Selector.....BOTH
15. Fuel Shutoff Valve.....ON
16. Fuel.....QUANTITY
17. Trim.....SET&CHECK
18. Flaps.....SET&CHECK
19. Throttle Friction.....SET
20. MAGs/MASTER.....CHECK
21. Doors + Windows.....CLOSED
22. **Controls**...(box)..FREE&CORRECT
23. Radios.....SET
24. **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**rakes.....**CHECK**
6. **L**ights.....**ON**
7. **E**ngine Gauges.....**CHECK**
8. **S**eat belts.....**SECURE**

LANDING >60

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

POST-LANDING clr-of-rwy

1. Lights.....**OFF** as necessary
2. Flaps.....**UP**
4. AUX Pump.....**OFF**
5. 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