

# **SUNRISE AVIATION**

## **PITTS S2-B**

### **PRE-START**

1. Hobbs and squawks....CHECKED
2. Weight and balance .COMPUTED
3. Front seat belts .....SECURED
4. Exterior Pre-flight ..... COMPLETE
5. Fuel ..... MEASURED
8. All electric..... OFF
9. Avionics Master..... OFF
10. Rear Seat Belts ..... ADJUSTED

### **START**

**\*\*\*CANOPY CLOSED & LOCKED\*\*\***

1. Fuel valve..... ON
2. Cowl Flap ..... OPEN
3. Prop.....FORWARD
4. Mixture ..... RICH
5. Throttle ..... FULL OPEN
6. Battery.....ON
7. Fuel pump ..... ON 4 SECONDS
8. Throttle .....CRACKED
9. Mixture ..... IDLE CUT-OFF
10. Area..... CLEAR
11. Starter ..... ENGAGE
12. Mix..... FORWARD AS ENGINE  
..... CATCHES

### **POST START**

1. Throttle ..... 1000 RPM
2. Oil pressure.....CHECK
3. Alternator..... ON & CHECK
4. Mix..... LEANED
5. Avionics Master..... ON
6. Radio and intercom ..... ON
7. Totalizer .... RE-SET & CHECKED

## **RUN-UP & PRE-TAKEOFF**

**\*\*\*CANOPY CLOSED & LOCKED\*\*\***

1. Tail wheel ..... STRAIGHT
2. Oil temp..... GREEN
3. Cowl Flap ..... OPEN
4. Mix..... RICH
5. Throttle ..... 1700 RPM
6. Oil Pressure & Temp..... GREEN
7. Ammeter.....CHECKED
8. Mix..... CHECK AND SET
9. Prop..... CYCLE
10. Throttle ..... 2200 RPM
11. Mag check..... 175 MAX DROP  
.....50 MAX DIFFER
12. Throttle .....IDLE CHECK
13. Throttle ..... 1000 RPM
14. Controls. FREE AND CORRECT
15. Elevator Trim..... NEUTRAL
16. Fuel Selector ..... ON
17. Fuel Pump.....ON
18. Seat belts and harness SECURE
19. Hobbs Book..... SECURE
20. Radio..... SET
22. Intercom .....SET,SQUELCH
22. Brakes .....RELEASE
23. Runway Items  
..... LIGHTS, CAMERA, ACTION
24. Fuel Pump.....Off @ 1000 AGL

**Sunrise Aviation**

**123.3**

**Newport Jet**

**122.85**

**LANDING--BGUMPS**

- 1. Boost pump .....ON
- 2. Cowl Flap .....CLOSED
- 3. Gas..... ON
- 4. Undercarriage ..... DOWN
- 5. Mixture ..... SET
- 6. Propeller.....FORWARD
- 7. Seat belts and Switches  
..... SECURE

**POST-LANDING**

- 1. Cowl Flap ..... OPEN
- 2. Fuel pump ..... OFF
- 3. Transponder..... OFF
- 4. Contact gnd..... 120.8

**ENGINE SHUT-DOWN**

- 1. Throttle ..... 1000 RPM
- 2. Avionics Master..... OFF
- 3. All electric..... OFF
- 4. Magnetos .....GROUND CHECK
- 5. Mixture ..... LEAN
- 6. Mags ..... OFF
- 7. MASTER SWITCH ..... OFF
- 8. Mixture  
..... RICH FIVE SEC., THEN LEAN

**SECURING AIRCRAFT**

- 1. Log book ..... HOBBS AND TACH
- 2. Controls..... TIED
- 3. Aircraft..... CHOCKED
- 4. Checklists..... REMOVED
- 5. Canopy..... LOCKED

**EMERGENCY**

**IN-FLIGHT RESTART**

- 1. Airspeed..... 100 KIAS
- 2. Fuel .....On
- 3. Mixture ..... Rich
- 4. Boost Pump ..... Off
- 5. Mags .....Both
- 6. Starter .....Engage (if prop has  
..... stopped)

**RECOMMENDED GLIDE**

100 KIAS

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