

SUNRISE AVIATION

EXTRA 300

PRE-START

1. Hobbs and squawks CHECKED
2. Weight and balance... COMPUTED
3. Front seat belts..... SECURED
4. Rear Seat.....ADJUSTED
5. Exterior Pre-flight..... COMPLETE
6. Fuel..... MEASURED
7. Shadin.....RE-SET & CHECKED
8. All electricOFF
9. Avionics MasterOFF
10. CANOPY..... CLOSED

COLD START

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

HOT START (oil temp >180°)

1. Mixture..... RICH
2. Throttle..... FULL
3. Fuel Pump POSITIVE FUEL FLOW

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4. Throttle.....1"
5. Mixture..... IDLE CUT-OFF
6. AreaCLEAR
7. Starter ENGAGE
8. Mix PARTIAL* FORWARD AS
.....ENGINE CATCHES
9. Boost Pump ON
*Mixture 3/4" short of full rich

POST START

1. Throttle.....1000 RPM
2. Oil pressure CHECK
3. Alternator ON & CHECK
4. Mix LEANED
5. Radio and intercom..... ON

RUN-UP & PRE-TAKEOFF

1. Tail wheel.....STRAIGHT
2. Oil temp GREEN
3. Mix RICH
4. Throttle.....1800 RPM
5. Oil Pressure & Temp GREEN
6. Ammeter CHECKED
7. MixCHECK AND SET
8. PropCYCLE
9. Mag check175 MAX DROP
..... 50 MAX DIFFER
10. Throttle..... IDLE CHECK
11. Throttle.....1000 RPM
12. ControlsFREE AND CORRECT
13. Elevator Trim NEUTRAL

— CONTINUED —

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- 14. Fuel Selector..... ON
- 15. Fuel Pump ON
- 16. Shadin Functions..... CHECK
- 17. Seat belts and harness....SECURE
- 18. Hobbs book and canopy..SECURE
- 29. RadioSET
- 20. Intercom..... SET SQUELCH
- 21. Brakes..... RELEASE
- 22. Runway Items
.....LIGHTS, CAMERA, ACTION
- 23. Fuel Pump Off @ 1000 AGL

LANDING--BGUMPS

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

POST-LANDING

- 1. StrobesOFF
- 2. Fuel pump.....OFF
- 3. TransponderOFF
- 4. Contact gnd120.8

ENGINE SHUT-DOWN

- 1. Throttle.....1000 RPM

- 2. Avionics MasterOFF
- 3. All electricOFF
- 4. Magnetos..... GROUND CHECK
- 5. Mixture..... LEAN
- 6. Mags.....OFF
- 7. MASTER SWITCH.....OFF
- 8. Mixture
..... RICH FIVE SEC., THEN LEAN

SECURING AIRCRAFT

- 1. Rear Seat.....Re-Set as Necessary
- 2. Log book.....HOBBS AND TACH
- 3. ControlsTIED
- 4. Aircraft CHOCKED
- 5. ChecklistsREMOVED
- 6. Canopy LOCKED

**EMERGENCY
IN-FLIGHT RESTART**

- 1. Airspeed.....80 KIAS
- 2. Fuel On
- 3. Mixture.....Rich
- 4. Boost Pump On
- 5. Mags..... Both
- 6. Starter Engage (if prop has
.....stopped)

RECOMMENDED GLIDE

- Acro (1804 #)80 KIAS
- Normal (2090 #)90 KIAS

Vx 93 KIAS
Vy 104 KIAS

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