

Cockpit

Hobbs Meter..... **CHECK**
 Required Documents **AROW**
 Structural Temp (If OAT > 100°F) **CHECK**
 Canopy..... **CHECK**
 GEN/BAT Master Switch..... **ON**
 GEN & Canopy Lights **ON**
 Fuel Guage **CHECK**
 Lights (Interior & Exterior) **CHECK**
 Trim & Flap Indicator Lights... **CHECK**
 GEN/BAT Master Switch..... **OFF**

Left Wing

Main Gear & Strut..... **CHECK**
 Stall Warning..... **CHECK**
 Pitot / Static..... **CHECK**
 Tie-Down **REMOVE**
 Leading Edge **CHECK**
 Landing Light **CHECK**
 Wing & Tip..... **CHECK**
 Aileron Counter Weight..... **CHECK**
 Aileron & Inspection Panel..... **CHECK**
 Flap & Inspection Panel..... **CHECK**

Fuselage & Tail

Fuselage Left..... **CHECK**
 Fuel Quantity..... **CHECK**
 Fuel Vent..... **CHECK**
 Fuel Sumps..... **SAMPLE**
 Antennas..... **CHECK**
 Control Surfaces..... **CHECK**
 Tail Skid..... **CHECK**
 Tie-Down **REMOVE**
 Fuselage Right..... **CHECK**

Right Wing

Flap & Inspection Panel..... **CHECK**
 Aileron & Inspection Panel..... **CHECK**
 Aileron Counter Weight..... **CHECK**
 Wing & Tip..... **CHECK**
 Leading Edge **CHECK**
 Tie-Down **REMOVE**
 Main Gear & Strut..... **CHECK**

Nose

Cowling Right..... **CHECK**
 Oil **4-6 QTS**
 Air Intakes..... **CHECK**
 Alternator Belt..... **CHECK**
 Propeller & Spinner..... **CHECK**
 Nose Gear..... **CHECK**
 Cowling Left..... **CHECK**

Airport Etiquette

Please conduct pre-flight while aircraft is in a designated parking area.

Please do not dispose of fuel onto ramp, taxiways, or tie-down spaces.

Please load all baggage prior to pulling aircraft onto taxiway.

Please pull aircraft out of designated parking area and aligned with the taxiway centerline prior to starting engine(s).

Please do not block taxiways for periods longer than necessary while loading passengers and performing engine start-up.

THANK YOU! FLY SAFELY.

Aircraft Specs

Oil Capacity..... **6 QTS**
 Fuel Capacity..... **24 GAL USABLE**
 Useful Load..... **567 LBS**
 Payload (Full Tank)..... **423 LBS**
 Payload (1/2 Tank)..... **495 LBS**

Performance

V_{SO} (LDG Flaps) **34 KIAS**
 V_S (T/O Flaps)..... **40 KIAS**
 V_S (Cruise Flaps)..... **42 KIAS**
 V_X (T/O Flaps)..... **57 KIAS**
 V_X (Cruise Flaps)..... **60 KIAS**
 V_Y (T/O Flaps)..... **68 KIAS**
 V_Y (Cruise Flaps)..... **75 KIAS**
 V_{FE} **78 KIAS**
 V_A **106 KIAS**
 V_{NO} **118 KIAS**
 V_{NE} **164 KIAS**

Best Glide..... **70 KIAS**
 Approach..... **52 KIAS**
 Max Crosswind..... **15 KTS**

Before Starting Engine

Pedals **ADJUST**
 Saftey Belts **CHECK**
 Circuit Breakers..... **CHECK**
 Fuel Shut-Off Valve..... **OPEN**
 Parking Brake **SET**
 Canopy..... **CLOSED & LATCHED**

Starting Engine

Avionics Master Switch..... **OFF**
 GEN/BAT Master Switch..... **ON**
 Generator Warning Light **ON**
 Canopy Warning Light..... **OFF**
 Strobes..... **ON**
 Mixture..... **FULL RICH**
 Prop Area **CLEAR**
 Fuel Pump **ON**
 Fuel Prime **ON**
 Throttle **FULL 3 SECONDS**
 Throttle (**Cold Start**) **1/4" OPEN**
 (**Hot Start**) **3/4" OPEN**
 Starter..... **ENGAGE**
 Starter Warning Light..... **ON**
 Throttle..... **800-1000 RPM**
 Fuel Prime..... **OFF**
 Engine Guages **CHECK**
 Starter Warning Light **OFF**

Before Taxi

Fuel Pump **ON**
 Lights **AS REQUIRED**
 Avionics Master Switch..... **ON**
 Transponder..... **STANDBY**
 Flaps **CRUISE**
 Parking Brakes..... **RELEASE**
 Brakes **TEST**

Run-Up

Parking Brakes..... **SET**
 Controls **FREE**
 Instruments..... **SET**
 Fuel Pressure **CHECK**
 Fuel Quantity..... **CHECK**
 Oil Temp..... **CHECK**
 Oil Pressure **CHECK**
 Mixture **FULL RICH**
 Throttle..... **1700 RPM**
 Magnetos..... **CHECK**
 Vacuum **CHECK**
 Throttle..... **800-1000 RPM**
 Ammeter..... **CHECK**
 Volts **CHECK**
 Parking Brake **RELEASE**

Before Take-Off

Safety Belts **CHECK**
 Flaps..... **T/O**
 Trim..... **Neutral**
 Lights..... **AS REQUIRED**
 Landing Light..... **ON**
 Fuel Pump **ON**
 Transponder..... **ALT**
 Mixture..... **FULL RICH**
 Time **NOTE**

Take-Off

Throttle..... **FULL**
 Engine Gauges **CHECK**
 Airspeed **LIVE**
 Rotate..... **44 KIAS**
 Climb-Out (V_X) **57 KIAS**
 (V_Y) **68 KIAS**

Departure

Flaps (+ 400' AGL) **CRUISE**
 Airspeed (V_X) **60 KIAS**
 (V_Y) **75 KIAS**
 Engine Gauges **CHECK**

Cruise

Landing Light..... **OFF**
 Fuel Pump..... **OFF**
 Engine Gauges **CHECK**

Before Landing

Landing Light..... **ON**
 Fuel Pump **ON**
 Mixture..... **FULL RICH**
 Safety Belts **CHECK**
 Parking Brake **OFF**

After Landing

Transponder..... **STANDBY**
 Flaps..... **CRUISE**
 Lights..... **AS REQUIRED**

Engine Shutdown

Avionics Master Switch..... **OFF**
 Electrical Equipment **OFF**
 Fuel Pump **OFF**
 Mag Ground **CHECK**
 Mixture..... **CUTOFF**
 Magnetos **OFF**
 GEN/BAT Master Switch..... **OFF**
 Hobbs Meter..... **CHECK**
 Tie-Downs **SECURED**