

| PREFLIGHT OPERATIONS | |
|-------------------------------|----------|
| Piper PA-18-150 | |
| COCKPIT (D) | |
| Cowl Plugs..... | RMVD |
| AFM/POH..... | CHKD |
| Discrepancy Record..... | CHKD |
| Certificates..... | CHKD |
| Fuel Quantity..... | CHKD |
| Hobbs/Tach..... | CHKD |
| Control Lock (Seat Belt)..... | RMVD |
| Wing Flaps..... | FULL |
| Fuel Selector Valve..... | BOTH |
| Circuit Breakers..... | IN |
| Throttle/Mixture..... | IDLE/ICO |
| Carburetor Heat..... | OFF |
| Ignition Switch..... | OFF |
| Avionics..... | OFF |
| Position Lights..... | ON |
| Propeller Area..... | CLEAR |
| Master Switch..... | ON |
| Exterior Lights..... | CHKD |
| Master Switch..... | OFF |
| Fuel Sump Valves (3)..... | SAMPLE |
| NOSE (D) | |
| Fresh Air Inlet..... | CHKD |
| Engine Compartment..... | CHKD |
| Engine Oil..... | 5-6 QTS |
| Propeller & Spinner..... | CHKD |
| Alternator Belt..... | CHKD |
| Intake Air Filter..... | CHKD |
| Transponder Antenna..... | CHKD |
| VHF Com Ant..... | CHKD |
| Landing Gear Struts..... | CHKD |
| LEFT WING (D) | |
| Left Wheel Tire..... | CHKD |
| Left Disc Brake..... | CHKD |
| Fuel Quantity & Cap..... | CHKD |
| Fuel Tank Vent Tube..... | FWD/CHKD |
| Pitot/Static Tube..... | CHKD |
| Wing Tie-down Rope..... | CHKD |
| Aileron Pulley..... | CHKD |
| Wing Leading Edge..... | CHKD |
| Wing Tip..... | CHKD |
| Aileron..... | CHKD |
| Wing Flap..... | CHKD |
| Inspection Plates..... | CHKD |

| PREFLIGHT OPERATIONS | |
|--|----------|
| Piper PA-18-150 | |
| TAIL (D) | |
| Left Side Fabric & Exterior..... | CHKD |
| Vertical Stabilizer..... | CHKD |
| VHF Navigation Antennas..... | CHKD |
| Horizontal Stabilizer/Brace Wires..... | CHKD |
| Elevator Trim Jack Screw..... | CHKD |
| Tail Wheel Condition..... | CHKD |
| Tail Wheel Steering Chains..... | CHKD |
| Tail Wheel Position..... | FORWARD |
| Rudder Cable Attach Points..... | CHKD |
| Rudder..... | CHKD |
| Right Side Fabric & Exterior..... | CHKD |
| Inspection Plates..... | CHKD |
| RIGHT WING (D) | |
| Right Wheel Tire..... | CHKD |
| Left Disc Brake..... | CHKD |
| Wing Flap..... | CHKD |
| Aileron..... | CHKD |
| Wing Tip..... | CHKD |
| Wing Leading Edge..... | CHKD |
| Wing Tie-down Rope..... | RMVD |
| Aileron Pulley..... | CHKD |
| Fuel Quantity & Cap..... | CHKD |
| Fuel Tank Vent Tube..... | FWD/CHKD |
| Wheel Chocks..... | RMVD |
| Inspection Plates..... | CHKD |
| <i>"The preflight inspection is complete."</i> | |

| PREFLIGHT OPERATIONS | |
|----------------------|---|
| Piper PA-18-150 | |
| AIRCRAFT DATA | |
| Vg (max weight)..... | 70 MPH |
| Vso..... | 43 MPH |
| Vs..... | 47 MPH |
| Vx (full flaps)..... | 45 MPH |
| Vy..... | 75 MPH |
| Vfe..... | 85 MPH |
| Va (1750 lbs.)..... | 96 MPH |
| Vno..... | 122 MPH |
| Vne..... | 143 MPH |
| Max. Ramp Wt..... | 1750 Lbs |
| Max. Takeoff Wt..... | 1750 Lbs |
| Max. Landing Wt..... | 1750 Lbs |
| Max. Baggage..... | 50 Lbs |
| Total Fuel..... | 36 Gallons |
| Usable Fuel..... | 36 Gallons |
| Oil Capacity..... | 8 Qts |
| Oil Minimum..... | 5 Qts |
| LEGEND | |
| | Associated standard callout, briefing, or other verbal statement |
| | Special Attention Item |
| | Item not required for certain training procedures, but otherwise standard |
| | Emergency Procedure |
| | Procedure which may or may not be an emergency, depending on situation |
| (D) | "Read & Do" checklist, not required to be memorized |
| (F) | "Flow & Verify" checklist, must be memorized |
| | Immediate Action Item, must be memorized |

| NORMAL OPERATIONS | |
|--|----------------------|
| Piper PA-18-150 | |
| BEFORE STARTING ENGINE (F) | |
| Wheel Chocks..... | RMVD |
| Prayer..... | COMPLETE |
| Passenger Brief..... | COMPLETE |
| Doors/Windows..... | SET |
| Seats/Seatbelts..... | SECURE |
| Flight Controls..... | CHKD |
| Stabilator Trim..... | SET |
| Fuel Selector Valve..... | BOTH |
| Circuit Breakers..... | IN |
| Avionics Switches..... | OFF |
| Position Lights..... | ON |
| Mixture..... | RICH |
| Master Battery/Alternator Switch..... | ON |
| <i>"The before starting engine checklist is complete."</i> | |
| STARTING ENGINE (F) | |
| White Anti-collision Lights (daytime only)..... | ON |
| Heel Brakes..... | HOLD |
| Stabilator..... | AFT |
| If engine is cold: | |
| Throttle..... | 2 Pumps & Set ½ Inch |
| If engine is hot: | |
| Throttle..... | Set ½ Inch |
| Propeller Area..... | CLEAR |
| Ignition Switch..... | START |
| Oil Pressure..... | STABLE |
| Throttle..... | 1000 RPM |
| AFTER STARTING ENGINE (F) | |
| White Anti-collision Lights..... | OFF |
| Mixture..... | LEAN |
| Throttle..... | 800 RPM |
| Avionics..... | ON/CHKD |
| Engine Instruments..... | CHKD |
| Departure Brief..... | COMPLETE |
| Taxi Light..... | ON |
| <i>"The after starting engine checklist is complete."</i> | |
| TAXI (F) | |
| Taxi Area..... | CLEAR |
| Heel Brakes..... | CHKD |
| <i>"The taxi checklist is complete."</i> | |

| NORMAL OPERATIONS | |
|--|-------------|
| Piper PA-18-150 | |
| BEFORE TAKEOFF (D) | |
| Brakes..... | HOLD |
| Flight Controls/Trim..... | CHKD |
| Mixture..... | RICH |
| Throttle..... | 1800 RPM |
| Engine Instruments..... | NORMAL |
| Carburetor Heat..... | CHKD |
| Magnetos (150/50)..... | CHKD |
| Alternator..... | CHKD |
| Vacuum..... | CHKD |
| Engine Idle..... | CHKD |
| Fuel Quantity..... | CHKD |
| Takeoff Brief..... | COMPLETE |
| Doors/Windows..... | SECURED |
| Wing Flaps..... | HALF |
| Radio Volume..... | MAX |
| Wind Indicator..... | CHKD |
| <i>"The before takeoff checklist is complete."</i> | |
| RUNWAY (F) | |
| Compass/DG..... | CHKD |
| Transponder..... | ALT |
| White Anti-collision Lights..... | ON |
| Landing Light..... | ON |
| Runway Markings..... | CONFIRMED |
| <i>"The runway checklist is complete."</i> | |
| AFTER TAKEOFF (F) | |
| Wing Flaps..... | UP |
| Engine Instruments..... | NORMAL |
| Mixture..... | LEAN @ 3000 |
| <i>"The after takeoff checklist is complete."</i> | |
| CRUISE (F) | |
| Fuel Selector..... | AS REQ |
| Throttle..... | AS REQ |
| Mixture..... | LEAN |
| Landing Light..... | OFF |
| Engine Instruments..... | NORMAL |
| Flight Instruments..... | MONITOR |
| Radio Volume..... | AS REQ |
| <i>"The cruise checklist is complete."</i> | |

| NORMAL OPERATIONS | |
|---|-----------|
| Piper PA-18-150 | |
| DESCENT (F) | |
| Fuel Selector Valve..... | BOTH |
| Throttle/Mixture..... | AS REQ |
| Landing Light..... | ON |
| Heel Brakes..... | CHKD |
| Seats/Seatbelts..... | SECURE |
| Approach Brief..... | COMPLETE |
| <i>"The descent checklist is complete."</i> | |
| PRELIMINARY LANDING (F) | |
| Mixture..... | RICH |
| Carburetor Heat..... | ON |
| <i>"The preliminary landing checklist is complete."</i> | |
| LANDING (F) | |
| Wing Flaps..... | FULL |
| Windsock Indicator..... | CHKD |
| Carburetor Heat..... | OFF |
| Runway Markings..... | CONFIRMED |
| <i>"The landing checklist is complete."</i> | |
| AFTER LANDING (F) | |
| Wing Flaps..... | UP |
| Mixture..... | LEAN |
| Carburetor Heat..... | OFF |
| Transponder..... | STBY |
| Landing Light..... | OFF |
| White Anti-collision Lights..... | OFF |
| <i>"The after landing checklist is complete."</i> | |
| STOP & GO (F) | |
| Trim..... | SET |
| Flaps..... | HALF |
| Mixture..... | RICH |
| Carburetor Heat..... | OFF |
| Throttle..... | MAX |

| NORMAL OPERATIONS | |
|--|----------|
| Piper PA-18-150 | |
| PARKING & SECURING (D) | |
| Taxi Light..... | OFF |
| Avionics Switches..... | OFF |
| Mixture..... | ICO |
| Ignition Switch..... | OFF |
| Master Switch..... | OFF |
| Hobbs/Tach/Fuel..... | RECORD |
| Control Lock..... | INSTALL |
| Post Flight Prayer..... | COMPLETE |
| Wheel Chocks..... | INSTALL |
| Tie-down Ropes..... | SECURE |
| Cowl Plugs..... | INSTALL |
| Discrepancies..... | RECORD |
| Post Flt Inspection..... | COMPLETE |
| <i>"The parking & securing checklist is complete."</i> | |

| EMERGENCY OPERATIONS | |
|---|-------------------|
| Piper PA-18-150 | |
| ENGINE FIRE –STARTUP (F) | |
| Cranking..... | CONTINUE |
| If Engine Starts: | |
| Throttle..... | 1700RPM/3 MIN |
| Engine..... | SHUTDOWN |
| If Engine Does Not Start: | |
| Throttle..... | MAX |
| Mixture..... | ICO |
| Magnetos..... | START |
| Fuel Selector Valve..... | OFF |
| Magnetos..... | OFF |
| Master Switch..... | OFF |
| Evacuate Aircraft | |
| ENGINE FAILURE-TAKEOFF ROLL (F) | |
| Throttle..... | IDLE |
| Heel Brakes..... | AS REQ |
| Mixture..... | ICO |
| Magnetos..... | OFF |
| Master Switch..... | OFF |
| ENGINE FAILURE-LOW ALTITUDE (F) | |
| Airspeed..... | 70 KIAS |
| Identify & glide toward best landing area | |
| Mixture..... | ICO |
| Fuel Selector Valve..... | OFF |
| Magnetos..... | OFF |
| Master Switch..... | OFF |
| Wing Flaps..... | AS REQ |
| If Time Permits: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |
| Cabin Door..... | OPEN |
| ENGINE FAILURE INFLIGHT/ RESTART (F) | |
| Airspeed..... | 70 KIAS |
| Identify & glide toward best landing area | |
| Fuel Selector Valve..... | ON |
| Mixture..... | RICH |
| Carburetor Heat..... | ON |
| Magnetos..... | START/BOTH AS REQ |
| If restart is unsuccessful, proceed with Emergency Landing | |

| EMERGENCY OPERATIONS | |
|--|--------|
| Piper PA-18-150 | |
| EMERGENCY LANDING (F) | |
| If Time Permits: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |
| Airspeed..... | 70 MPH |
| Magnetos..... | OFF |
| Master Switch..... | OFF |
| Fuel Selector Valve..... | OFF |
| Mixture..... | ICO |
| Seats/Seatbelts..... | SECURE |
| Wing Flaps..... | AS REQ |
| Cabin Door/Window..... | OPEN |
| WING FIRE (F) | |
| Lights..... | OFF |
| Sideslip..... | AS REQ |
| If necessary: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |
| ENGINE FIRE-INFLIGHT (F) | |
| Fuel Selector Valve..... | OFF |
| Mixture..... | ICO |
| Master Switch..... | OFF |
| Cabin Heat/Vents..... | OFF |
| Airspeed: 100 MPH minimum to extinguish fire, and then proceed with Emergency Landing. | |
| SMOKE/CABIN FIRE (F) | |
| Master Switch..... | OFF |
| Vents/Windows..... | CLOSE |
| Land As Soon As Practical | |
| If necessary: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |

| EMERGENCY OPERATIONS | |
|--|------------------|
| Piper PA-18-150 | |
| SPIN RECOVERY (F) | |
| Throttle..... | IDLE |
| Ailerons..... | NEUTRAL |
| Rudder..... | OPPOSITE |
| Stabilator..... | FORWARD |
| AIRFRAME ICE (F) | |
| Climb, Descend, or Turn to Exit | |
| Carburetor Heat..... | ON |
| Cabin Heat/Defrost..... | ON |
| If necessary: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |
| Throttle/Mixture..... | AS REQ |
| Window..... | OPEN AS REQ |
| Wing Flaps..... | UP FOR LNDNG |
| ALTERNATOR FAILURE (D) | |
| Avionics..... | OFF |
| Lights..... | OFF |
| ALT FLD Ct Breaker..... | IN |
| Master Switch..... | OFF 30s, THEN ON |
| Avionics..... | ON |
| If Power is NOT restored then reduce electrical load. | |
| OVERVOLTAGE (F) | |
| Alternator..... | OFF |
| Electrical Load..... | REDUCE |
| Land as soon as possible | |
| If necessary: | |
| -Declare emergency with ATC or on 121.50 | |
| -Squawk 7700 | |
| VACUUM FAILURE (D) | |
| Vacuum Gauge..... | VERIFY FAILURE |
| Initiate Partial Panel Ops | |
| -Land as soon as practicable | |
| FLAT MAIN TIRE-LANDING (D) | |
| Wing Flaps..... | AS REQ |
| Use aileron to hold flat tire off runway. | |