

PREFLIGHT OPERATIONS	
Piper PA-18-150	
COCKPIT (D)	
Cowl Plugs.....	REMOVE
AFM/POH.....	CHECK
Discrepancy Record.....	CHECK
Certificates.....	CHECK
Fuel Quantity.....	CHECK
Hobbs/Tach.....	CHECK
Control Lock (Seat Belt).....	REMOVE
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.....	CHECK
Master Switch.....	OFF
Fuel Sump Valves (3).....	SAMPLE
NOSE (D)	
Fresh Air Inlet.....	CHECK
Engine Compartment.....	CHECK
Engine Oil.....	5-6 QTS
Propeller & Spinner.....	CHECK
Alternator Belt.....	CHECK
Intake Air Filter.....	CHECK
Transponder Antenna.....	CHECK
VHF Com Ant.....	CHECK
Landing Gear Struts.....	CHECK
LEFT WING (D)	
Left Wheel Tire.....	CHECK
Left Disc Brake.....	CHECK
Fuel Quantity & Cap.....	CHECK
Fuel Tank Vent Tube.....	CHECK/FORWARD
Pitot/Static Tube.....	CHECK
Wing Tie-down Rope.....	CHECK
Aileron Pulley.....	CHECK
Wing Leading Edge.....	CHECK
Wing Tip.....	CHECK
Aileron.....	CHECK
Wing Flap.....	CHECK
Inspection Covers.....	CHECK

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

PREFLIGHT OPERATIONS	
Piper PA-18-150	
AIRCRAFT DATA	
Vg (max weight).....	70 MPH
Vso.....	43 MPH
Vs1.....	47 MPH
Vx (full flaps).....	45 MPH
Vy.....	75 MPH
Vfe.....	85 MPH
Va (1750 lbs.).....	96 MPH
Vno.....	122 MPH
Vne.....	153 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.....	REMOVED
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)	
Strobe Lights (sunrise to sunset).....	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)	
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.....	CHECK
Mixture.....	RICH
Throttle.....	1800 RPM
Engine Instruments.....	NORMAL
Carburetor Heat.....	CHECK
Magnetos (150/50).....	CHECK
Alternator.....	CHECK
Vacuum.....	CHECK
Engine Idle.....	CHECK
Fuel Quantity.....	CHECK
Takeoff Brief.....	COMPLETE
Doors/Windows.....	SECURE
Wing Flaps.....	HALF
Radio Volume.....	MAX
Wind Indicator.....	CHECK
<i>"The before takeoff checklist is complete."</i>	
RUNWAY (F)	
Compass/DG.....	CHKD
Transponder.....	ALT
Strobe 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
Strobe Lights (sunset to sunrise).....	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 (D)	
Taxi Light.....	OFF
Mixture.....	ICO
Ignition Switch.....	OFF
Times In.....	TRANSMIT
<i>"The parking checklist is complete."</i>	
SECURING (D)	
Avionics Switches.....	OFF
Master Switch.....	OFF
Strobe Lights.....	OFF
Position Lights.....	OFF
Hobbs/Tach/Fuel.....	RECORD
Control Lock.....	INSTALL
Wheel Chocks.....	INSTALL
Windshield Sunshades.....	INSTALL
Tie-down Ropes.....	SECURE
Cowl Plugs.....	INSTALL
Discrepancies.....	RECORD
Trash & Personal Items.....	REMOVE
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
OVERVOLTAGE (F)	
Alternator.....	OFF
Electrical Load.....	REDUCE
<i>Land as soon as possible</i>	
If necessary:	
-Declare emergency with ATC or on 121.50	
-Squawk 7700	