

PREFLIGHT OPERATIONS	
Piper PA-28R-201	
COCKPIT (D)	
Pitot Probe Cover.....	RMVD
AOA Probe Cover.....	RMVD
Cowl Plugs.....	RMVD
Tail Cover.....	RMVD
AFM/POH.....	CHKD
Avionics Guides.....	CHKD
Aircraft Discrepancy Log.....	CHKD
Certificates.....	CHKD
VOR Log.....	CHKD
Hobbs/Tach.....	CHKD
Flight Controls.....	UNLKD
Parking Brake.....	TEST/SET
Fire Extinguisher.....	CHKD
Fuel Selector.....	LEFT OR RIGHT
Stabilator/Rudder Trim.....	NEUTRAL
Wing Flaps.....	40
Circuit Breakers.....	CHKD
Alternate Engine Air.....	OFF
Throttle/Prop/Mixture.....	IDLE/MAX/ICO
Landing Gear Lever.....	DOWN
Avionics Master Switch.....	OFF
Autopilot Master Switch.....	OFF
Cockpit Lights (night).....	CHECK
Position Lights.....	ON
Ignition Switch.....	OFF
Propeller Areas.....	CLEAR
Master Battery Switch.....	ON
Annunciator Lights.....	CHKD
Turn Coordinator.....	CHKD
Fuel Quantity Indicators.....	CHKD
Exterior Lights/Stall Warning.....	CHKD
Pitot Heat.....	CHKD
Landing Gear Indicator Lights.....	CHKD
Master Battery Switch.....	OFF
Alternate Static.....	OFF
Pitot/Static System.....	DRAIN
Survival Kit.....	CHKD
Fuel Sump Valves (3).....	SAMPLE
Wing Flaps.....	CHKD & UP

PREFLIGHT OPERATIONS	
Piper PA-28R-201	
RIGHT WING (D)	
Wing Flap.....	CHKD
Aileron.....	CHKD
Wing Tip.....	CHKD
Wing Leading Edge.....	CHKD
Wing Tie-down Rope.....	RMVD
Fuel Tank Vent.....	CHKD
Fuel Quantity & Cap.....	CHKD
Main Landing Gear/Doors/Well.....	CHKD
Wheel Chocks.....	RMVD
Inspection Covers/Fairings.....	CHKD
NOSE (D)	
Intakes/Vents.....	CHKD
Nose Landing Gear/Doors/Well.....	CHKD
Engine Oil.....	6-8 QTS
Alternator Belt.....	CHKD
Propeller & Spinner.....	CHKD
Engine Compartment.....	CHKD
Engine Cowl.....	CHKD
Wheel Chocks.....	RMVD
Transponder Antenna.....	CHKD
Inspection Covers/Fairings.....	CHKD
LEFT WING (D)	
Main Landing Gear/Doors/Well.....	CHKD
Wheel Chocks.....	RMVD
Fuel Quantity & Cap.....	CHKD
Pitot Probe.....	CHKD
AOA Probe.....	CHKD
Fuel Tank Vent.....	CHKD
Wing Tie-down Rope.....	RMVD
Stall Warning Tab.....	CHKD
Wing Leading Edge.....	CHKD
Wing Tip.....	CHKD
Aileron.....	CHKD
Wing Flap.....	CHKD
Inspection Covers/Fairings.....	CHKD

PREFLIGHT OPERATIONS	
Piper PA-28R-201	
TAIL (D)	
GPS Antenna.....	CHKD
VHF Com. Antennas.....	CHKD
Marker Beacon Antenna.....	CHKD
ADF Antenna.....	CHKD
Vertical Stabilizer.....	CHKD
VHF Navigation Antennas.....	CHKD
Stabilator & Trim Tab.....	CHKD
Tail Tie-down Rope.....	RMVD
Tail Tie-down Ring.....	CHKD
Rudder.....	CHKD
ELT Antenna.....	CHKD
Inspection Covers/Fairings.....	CHKD
Windshield Sunshades.....	RMVD
Baggage Door.....	SECURED
<i>"The preflight inspection is complete."</i>	
AIRCRAFT DATA	
Vso.....	55 KIAS
Vs1.....	60 KIAS
Vx.....	78 KIAS
Vy.....	90 KIAS
Vg.....	79 KIAS
Vfe (flaps 10-40).....	103 KIAS
Va (2750 lbs.).....	118 KIAS
Va(1865 lbs.).....	96 KIAS
Vno.....	146 KIAS
Vne.....	183 KIAS
Vlo/Vle.....	129 KIAS
Vlo(Retract).....	107 KIAS
Max. Ramp Wt.....	2750 Lbs.
Max. Takeoff Wt.....	2750 Lbs.
Max. Landing Wt.....	2750 Lbs.
Max. Baggage total.....	200 Lbs.
Total Fuel.....	77 Gallons
Usable Fuel.....	72 Gallons
Oil Capacity.....	8 Qts.
Oil Minimum.....	6 Qts.
Max. Dem. Crosswind.....	17 Kts.
Main Tire Pressure.....	30 PSI
Nose Tire Pressure.....	27 PSI

PREFLIGHT OPERATIONS	
Piper PA-28R-201	
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-28R-201	
BEFORE STARTING ENGINE (F)	
Preflight Prayer.....	COMPLETE
Wheel Chocks.....	REMOVED
Passenger Brief.....	COMPLETE
Parking Brake.....	SET
Seats/Seatbelts.....	UPRIGHT/SECURE
Fuel Selector.....	LEFT or RIGHT
Stabilator/Rudder Trim.....	SET
Circuit Breakers.....	IN
Cabin Heat/Vents.....	OFF/SET
Position Lights (sunset to sunrise).....	ON
Landing Gear Handle.....	DOWN
Cockpit Lights (night).....	ON
Master Battery/Alternator Switches.....	ON
<i>"The before starting engine checklist is complete."</i>	
STARTING ENGINE (F)	
Strobe Lights (sunrise to sunset).....	ON
Aux Fuel Pump.....	ON
Normal:	
-Throttle.....	HALF OPEN
Move mixture control to rich until fuel flow stabilizes for cold engine or rich for 2 seconds for warm engine, then idle cutoff	
If engine is flooded:	
-Throttle.....	FULL
-Mixture.....	ICO
Throttle (unless flooded).....	1/8" OPEN
Propeller Area.....	CLEAR
Ignition Switch.....	START
Mixture.....	RICH
Throttle.....	700 RPM
Oil Pressure.....	STABLE
AFTER STARTING ENGINE (F)	
Aux Fuel Pump.....	OFF
Throttle.....	1200 RPM
Mixture.....	LEAN
Throttle.....	1000 RPM
Cabin Fan.....	AS REQ
Aux Vacuum Pump.....	CHKD
Engine Instruments.....	CHKD
Avionics Master Switch.....	ON
Avionics.....	ON/TESTED/SET
Autopilot/Electric Trim.....	TESTED
Flight Instruments.....	CHKD/SET
Flight Controls/Trims.....	CHKD
Departure Brief.....	COMPLETE
Parking Brake.....	OFF
Toe Brakes.....	CHKD
Landing Light.....	ON
<i>"The after starting engine checklist is complete."</i>	

NORMAL OPERATIONS	
Piper PA-28R-201	
TAXI (F)	
Flight Instruments (IFR ops).....	CHKD
Nose Wheel Steering.....	CHKD
Toe Brakes.....	CHKD
<i>"The taxi checklist is complete."</i>	
BEFORE TAKEOFF (D)	
Parking Brake.....	SET
Fuel Selector.....	SWITCH TANKS
Mixture.....	RICH
Throttle.....	2000 RPM
Engine Instruments.....	NORMAL
Alternate Engine Air.....	CHECK
Propeller.....	CYCLE
Magnetos (175/50).....	CHECK
Alternator.....	CHECK
Engine Idle.....	CHECK
Alternate Gear Lever.....	CONFIRM UP
Fuel Quantity.....	CHECK
Takeoff Brief.....	COMPLETE
Doors/Windows.....	SECURE
Wing Flaps.....	SET
Runway Markings.....	CONFIRMED
5P Check.....	COMPLETE
<i>"The before takeoff checklist is complete."</i>	
RUNWAY (F)	
Cabin Fan.....	OFF
Transponder.....	ALT
Aux Fuel Pump.....	ON
Strobe Lights.....	ON
Landing Light.....	ON
Pitot Heat.....	AS REQ
Compass/HI.....	CHKD
Runway Markings.....	CONFIRMED
<i>"The runway checklist is complete."</i>	
AFTER TAKEOFF (F)	
Landing Gear.....	UP
Wing Flaps.....	UP
Power (MAX MP/MAX RPM).....	SET
Aux Fuel Pump.....	OFF
Engine Instruments.....	NORMAL
<i>"The after takeoff checklist is complete."</i>	
CRUISE (F)	
Throttle/Prop.....	55-75% POWER
Mixture.....	BEST POWER
Engine Instruments.....	NORMAL
Landing Light.....	OFF
Flight Instruments.....	MONITOR
Fuel Selector.....	SWITCH every 30 MINS
5P Check.....	COMPLETE HOURLY
<i>"The cruise checklist is complete."</i>	

NORMAL OPERATIONS	
Piper PA-28R-201	
DESCENT (F)	
Fuel Selector.....	FULLEST TANK
Throttle/Prop/Mixture.....	AS REQ
Landing Light.....	ON
Toe Brakes.....	CHKD
Seats/Seatbelts.....	UPRIGHT/SECURE
Approach Brief.....	COMPLETE
5P Check.....	COMPLETE
<i>"The descent checklist is complete."</i>	
PRELIMINARY LANDING (F)	
Throttle/Prop (20"/MAX).....	SET
Wing Flaps.....	10
Mixture.....	RICH
Landing Gear.....	DOWN/CONFIRMED
Aux Fuel Pump.....	ON
5P Check.....	COMPLETE
<i>"The preliminary landing checklist is complete."</i>	
LANDING (F)	
Wing Flaps.....	AS REQ
Autopilot.....	OFF
Landing Gear.....	DOWN/CONFIRMED
Runway Markings.....	CONFIRMED
<i>"The landing checklist is complete."</i>	
AFTER LANDING (F)	
Wing Flaps.....	UP
Mixture.....	LEAN
Cabin Fan.....	AS REQ
Transponder.....	STBY
Aux Fuel Pump.....	OFF
Strobe Lights (sunset to sunrise).....	OFF
Pitot Heat.....	OFF
<i>"The after landing checklist is complete."</i>	
STOP/TOUCH & GO (F)	
Trims.....	SET
Flaps.....	SET
Mixture.....	RICH
Throttle.....	MAX

NORMAL OPERATIONS	
Piper PA-28R-201	
PARKING (D)	
Parking Brake.....	AS REQ
Landing Light.....	OFF
ELT.....	CHKD
Cabin Fan.....	OFF
Mixture.....	ICO
Ignition Switch.....	OFF
Times In.....	TRANSMIT
<i>"The parking checklist is complete."</i>	
SECURING (D)	
Avionics.....	OFF
Avionics Master Switch.....	OFF
Master Battery/Alternator Switches.....	OFF
Strobe Lights.....	OFF
Position Lights.....	OFF
Hobbs/Tach/Fuel.....	RECORD
Flight Controls.....	LOCK
Wheel Chocks.....	INSTALL
Pitot Probe Cover.....	INSTALL
AOA Probe Cover.....	INSTALL
Cowl Plugs.....	INSTALL
Tail Cover.....	INSTALL
Windshield Sunshades.....	INSTALL
Parking Brake.....	OFF
Tie-down Ropes.....	AS REQ
Discrepancies.....	RECORD
Trash & Personal Items.....	REMOVE
Post Flight Inspection.....	COMPLETE
<i>"The securing checklist is complete."</i>	

EMERGENCY OPERATIONS	
Piper PA-28R-201	
ENGINE FIRE –STARTUP (F)	
Cranking	CONTINUE
If Engine Starts:	
Throttle.....	1700RPM/3 MIN
Engine.....	SHUTDOWN
If Engine Does Not Start:	
Throttle.....	MAX
Mixture.....	ICO
Ignition Switch	START
Auxiliary Fuel Pump	OFF
Fuel Selector	OFF
Ignition Switch	OFF
Master Battery/Alternator Switches	OFF
Fire Extinguisher	REMOVE
Evacuate Aircraft	
ENGINE FAILURE-TAKEOFF ROLL (F)	
Throttle.....	IDLE
Toe Brakes	AS REQ
Wing Flaps	UP
Mixture.....	ICO
Master Battery Switch	OFF
Magneto Switches	OFF
If possible, contact ATC and request assistance	
ENGINE FAILURE-LOW ALTITUDE (F)	
Airspeed	79 KIAS
Identify & glide toward best landing area	
Mixture.....	ICO
Fuel Selector	OFF
Ignition Switch	OFF
Wing Flaps	AS REQ
Landing Gear Lever.....	AS REQ
If Time Permits:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
Master Battery/Alternator Switches	OFF
Cabin Door.....	OPEN
ENGINE FAILURE INFLIGHT/ RESTART (F)	
Airspeed	79 KIAS
Identify & glide toward best landing area	
Alternate Engine Air	ON
Mixture.....	RICH
Aux Fuel Pump	ON
Fuel Selector	SWITCH TANKS
Ignition Switch	START/BOTH AS REQ
If restart is unsuccessful, proceed with Emergency Landing	

EMERGENCY OPERATIONS	
Piper PA-28R-201	
EMERGENCY LANDING (F)	
If Time Permits:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
Airspeed	72 KIAS
Mixture	ICO
Throttle	IDLE
Aux Fuel Pump.....	OFF
Ignition Switch.....	OFF
Fuel Selector	OFF
Landing Gear	AS REQ
Wing Flaps.....	AS REQ
Seats/Seatbelts.....	UPRIGHT/SECURE
Cabin Door	OPEN
Master Battery/Alternator Switches.....	OFF
WING FIRE (F)	
Lights/Pitot Heat	OFF
Sideslip.....	AS REQ
If necessary:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
ENGINE FIRE-INFLIGHT (F)	
Throttle	IDLE
Mixture	ICO
Aux Fuel Pump.....	OFF
Heater/Defroster	OFF
Fuel Selector.....	OFF
Airspeed: 105 KIAS minimum to extinguish fire, then proceed with Emergency Landing.	
SMOKE/CABIN FIRE (F)	
Master Battery/Alternator Switch.....	OFF
Cabin Heat/Vents	OFF
Fire Extinguisher	ACTIVATE
Avionics Master Switch	OFF
Lights/Pitot Heat	OFF
When fire is extinguished and if necessary:	
Cabin Heat/Vents	AS REQ
Master Battery/Alternator Switch	ON
Circuit Breakers	CHECK
Avionics	OFF
Avionics Master Switch.....	ON
Avionics.....	ON ONE AT A TIME
If necessary:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	

EMERGENCY OPERATIONS	
Piper PA-28R-201	
SPIN RECOVERY (F)	
Throttle.....	IDLE
Ailerons	NEUTRAL
Rudder	OPPOSITE
Stabilator	FORWARD
AIRFRAME ICE (F)	
Climb, Descend, or Turn to Exit	
Alternate Engine Air	ON
Cabin Heat/Defrost	ON
Pitot Heat	ON
Alternate Static	ON
If necessary:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
Throttle/Prop/Mixture	AS REQ
Window	OPEN AS REQ
Wing Flaps.....	UP FOR LNDNG
OVERVOLTAGE (F)	
Electrical Load	REDUCE
If load not reduced:	
Alternator Switch	OFF
<i>Land as soon as possible</i>	
If load reduces:	
Master Battery Switch	ON
Alternator Switches	ON
Ammeter.....	MONITOR
If necessary:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
PROPELLER OVERSPEED (F)	
Throttle.....	IDLE
Oil Pressure.....	CHECK
Propeller.....	MIN
Adjust throttle, propeller, and airspeed as required to maintain 2700 RPM or less.	

EMERGENCY OPERATIONS	
Piper PA-28R-201	
EMERGENCY DESCENT (F)	
Throttle.....	IDLE
Propeller.....	MAX
Mixture.....	AS REQ
Landing Gear.....	DOWN
Airspeed.....	129 KIAS
If necessary:	
-Declare emergency with ATC or on 121.50	
-Activate ELT	
-Squawk 7700	
open	