

PREFLIGHT

INTERIOR

Airworthiness	VERIFY
Control Wheel Lock	REMOVE
Interior Lights	OFF
Panel Switches	ALL OFF
Mixture	CUTOFF
Magnetos	OFF
Battery Master	ON
Pitot Heat	ON
Pitot Heat CAS Msg	NOT SHOWN
Fuel Qty	CHECK
Fuel Selector Valve	FULLEST TANK
Exterior Lights	ON - CHECK
Pitot Heat	CHECK WARM
Stall Warning Horn	TEST
Exterior Lights	ALL DOWN
Pitot Heat	OFF
Pitot Heat CAS Msg	SHOWN
Battery Master	OFF
Trims	NEUTRAL
Static System	DRAIN
Alt Air	CLOSED
Alt Static Source	NORMAL
Flaps	DOWN

EXTERIOR

Cabin Door	CLOSED
Baggage Door	LOCKED
R Wing Flap/Aileron	CHECK
R Wing Fuel	CHECK & DRAIN
R Wing Tiedown	DISCONNECT
R Main Tire & Strut	CHECK
Engine Oil Qty	6QTS (5 MINIMUM)
Propeller & Spinner	CHECK
Engine Inlets	CHECK
Nose Tire & Strut	CHECK
Nose Fuel Sump	DRAIN
L Main Tire & Strut	CHECK
L Wing Tiedown	DISCONNECT
L Wing Fuel	CHECK & DRAIN
Pitot Mast	CHECK CLEAR
L Wing Aileron/Flap	CHECK
Antennas	CHECK
Fuselage	CHECK
Stabilator/Trim Tab	CHECK
Rudder/Stabilizer	CHECK
Tail Tiedown	DISCONNECT
Flaps	UP

BEFORE START

Preflight	COMPLETE
Seats & Seatbelts	ADJUST & LOCK
Brakes	HOLD
Overhead Switches	ALL DOWN
Emergency Battery	ARM
Circuit Breakers	CHECK IN
Bus E Volts	23.3 MINIMUM
Throttle	OPEN 1/4 INCH
Bat & Alt	ON
Magnetos	ON
Prop Area	CLEAR

START

Read first then execute

Fuel Pump	ON
Mixture	RICH
8 sec (Oil Temp <140°) (Oil Temp >140°) 5 sec	
Fuel Flow	STABLE
Mixture	CUTOFF
Fuel Pump	STILL ON
Starter	ENGAGE
At First Sign of Start	RELEASE STARTER
	MIXTURE RICH
Oil Pressure	GREEN
Throttle	1000 RPM

BEFORE TAXI

Avionics Master	ON
Nav Light	ON
Landing Light	ON
PFD	AHRS ALIGNED
Brakes	VERIFY PRESSURE

Taxi out of alley

Before Taxi Brief	SEE E-QREF
GPS	VERIFY DATABASE
Weight Planning	FOB SYNC
Map Orientation	NORTH/TRACK UP
XPNDR	VFR
COM Frequencies	SET
Weather	OBTAIN
Instruments	CHECK
FMS/NAV/CDI	SET & ACTIVATE
Taxi Diagram	AVAILABLE
Flight Controls	FREE & CORRECT
Taxi Route/ Hotspots	OBTAIN & BRIEF
Taxi	1000 RPM or LESS

PIPER ARCHER TX

This abbreviated checklist does not supersede any official regulations, procedures or documents

RUNUP

Com Frequencies	SET
Landing Light	OFF
Mixture	RICH
Brakes	HOLD
Throttle	2000 RPM
Magnetos (175ea /50diff)	CHECK
Fuel Pump	CYCLE/CHECK FLOW
Alt Air	CYCLE/CHECK RPM
No Red Indications	EIS
	AMPS & VOLTS
	ANNUNCIATORS
Throttle	IDLE then 1000 RPM

BEFORE TAKEOFF

Seats	UPRIGHT
Seatbelts	SECURE
Doors & Windows	LOCKED
FMS	BRIEF
Messages	CONSIDER
Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Flaps	0 or 25 DEGREES
Trims	NEUTRAL
Departure Brief	SEE E-QREF

When entering runway

Air Conditioner	OFF
Overhead Switches	ALL UP

AFTER TAKEOFF & CLIMB

Flaps	RETRACTED
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CRUISE

Throttle	AS REQD
Fuel Pump	OFF
Landing Light	OFF
FMS	BRIEF
Mixture (XC)	LEAN

SWITCHING FUEL TANKS

Fuel Pump	ON
Fuel Selector Valve	FULLEST TANK
Fuel Pump (Except TO/LDG)	OFF
Fuel Flow	MONITOR

PRE-MANEUVER

Landing Light	ON
Air Cond.	AS REQD
Mixture	SET
Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Area	CLEAR

DESCENT & BEFORE LANDING

Weather	OBTAIN
Overhead Switches	ALL UP
Mixture	RICH

In the pattern

Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Seats	UPRIGHT
Seatbelts	SECURE
Flaps	AS REQD
Autopilot (200' AGL)	OFF
Air Cond. (multiple laps)	OFF
Approach	HEELS ON FLOOR

AFTER LANDING

Run as flow, confirm at next stop

Flaps	UP
Fin Strobe	DOWN

SECURING

XPNDR	VFR
Interior Lights	OFF
Panel Switches	ALL OFF
Avionics	OFF
Emergency Battery	OFF
Exterior Lights	DOWN
Fuel Pump	OFF
Alternator	OFF
Throttle	IDLE
Mixture	CUTOFF
Magnetos (After Stop)	OFF
Battery Master	OFF
Engine Times	RECORD
Aircraft	SECURED
Post-Flight Inspection	COMPLETE