

Preflight

Piper Tomahawk PA38-112

Cockpit

Hobbs meter	CHECK
Required Docs	ARROW
Master Switch	ON
Fuel Gauges	CHECK
Stall Warning	CHECK
Lights	CHECK
Master Switch	OFF
Flaps	Down

Right Wing

Flaps	CHECK
Ailerons	CHECK
Wing Tip	CHECK
Leading Edge	CHECK
Fuel Quantity	CHECK
Tie-Down	REMOVE
Fuel Vent Line	CLEAR
Fuel Sump	DRAIN
Main Gear	CHECK

Nose Section

Oil Quantity	4 QTS MIN
Nose Gear	CHECK
Propeller	CHECK
Alternator Belt	CHECK
Landing Light	CHECK
Air Intakes	CLEAR
Engine Left Side	CHECK
Fuel Sump	DRAIN

Oil Capacity	6 Qts
Fuel Capacity	30 Useable
Avg Fuel Burn	6 GPH
Cruise Power	2400 RPM

Left Wing

Main Gear	CHECK
Fuel Sump	DRAIN
Fuel Vent Line	CLEAR
Pitot Tube	CLEAR
Tie-Down	REMOVE
Fuel Quantity	CHECK
Leading Edge	CHECK
Wing Tip	CHECK
Ailerons	CHECK
Flaps	CHECK

Fuselage and Tail

Fuselage	CHECK
Antennas	CHECK
Static Port	CLEAR
Vert Stab	CHECK
Elevator Left	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Elevator Right	CHECK
Static Port	CLEAR
Fuselage	CHECK

Pull aircraft onto taxiway before starting

WVI CTAF	122.8
WVI ASOS	132.175
WVI ELEVATION	160ft

Rotate	53
V _x	61
V _y	70
Best Glide	70
Approach	70
Short Final	67

Before Starting Engine

Safety Belts	ON
Circuit Breakers	IN
Carb Heat	OFF
Radios	OFF
Electrical Equip	OFF
Flaps	UP
Fuel	FULLEST
Brakes	SET

Start Engine

Throttle	1/8"
Master Switch	ON
Anti-collision	ON
Fuel Pump	ON
Mixture	RICH
Prime	AS REQ
Prop Area	CLEAR
Starter	ENGAGE
Throttle	1000 RPM
Oil Pressure	GREEN

Before Taxi

Lean Mixture	FOR TAXI
Fuel Pump	OFF
Lights	AS REQ.
Radios	ON/CHECK
Transponder	STBY
Brakes	CHECK

Pre Takeoff Check

Controls	CHECK
Instruments	CHECK
Fuel	FULLEST
Throttle	1800 RPM
Magnetos	CHECK
Carb Heat	CHECK
Vacuum	4.8-5.1
Oil Pres & Temp	GREEN
Throttle	1000 RPM
Ammeter	CHECK
Annunc Light	CHECK

Before Takeoff

Safety Belts	ON
Door/Window	LATCH
Flaps	SET
Trim	SET
Lights	AS REQ.
Landing Light	ON
Fuel Pump	ON
Transponder	ALT
Time	NOTE
Mixture	RICH

Departing Airport Area

Fuel Pump	OFF
Landing Light	OFF
Gauges	GREEN

Before Landing

Brakes	CHECK
Landing Light	ON
Fuel Pump	ON
Fuel	FULLEST
Mixture	RICH
Safety Belts	ON

After Landing

Flaps	UP
Fuel Pump	OFF
Throttle	1000 RPM
Lean Mixture	FOR TAXI
Lights	AS REQ.
Transponder	STBY

Engine Shutdown

Radios	OFF
Electrical Equip	OFF
Mag Ground	CHECK
Mixture	CUTOFF
Magnetos	OFF/OUT
Master Switch	OFF
Hobbs Meter	CHECK
Tiedowns & Chocks	INSTALL