

Preflight

Cockpit

Hobbs meter	RECORD
Required Docs	A.R.O.W.
Master Switch	ON
Fuel Gauges	CHECK
Lights	CHECK
Stall Warning	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	6 QTS MIN
Nose Gear	CHECK
Propeller	CHECK
Alternator Belt	CHECK
Landing Light	CHECK
Air Intakes	CLEAR
Fuel Sump	DRAIN

Oil Capacity	8 Qts
Fuel Capacity	48 Usable
Useful Load	1009 lbs
Payload full fuel	721 lbs
Payload tabs fuel	803 lbs

Piper Archer PA28-181 N8495F

Left Wing

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

Fuselage and Tail

Fuselage	CHECK
Antennas	CHECK
Stabilator left	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Stabilator right	CHECK
Fuselage	CHECK

Pull aircraft onto taxiway before starting

O85 CTAF	122.8
O85 ELEVATION	719 ft

Rotate	55
Vx	64
Vy	76
Best Glide	76
Approach	75
Short Final	66
Vso	49
Vs	55
Vfe	102

Before Starting Engine

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

Start Engine

Throttle	1/4"
Master Switch	ON
Anti-collision	ON
Fuel Pump	ON
Mixture	RICH
Prime	AS REQ.
Prop Area	CLEAR
Starter	ENGAGE
Throttle	1,000 RPM
Oil Pressure	GREEN

Before Taxi

Fuel Pump	OFF
Lights	AS REQ.
Radio Master	ON/CHK
Transponder	STBY
Brakes	CHECK

Pre Takeoff Check

Controls	CHECK
Instruments	CHECK
Fuel	FULLEST
Throttle	2000 RPM
Magnetos	CHECK
Carb Heat	CHECK
Vacuum	4.8-5.1
Oil Temp	GREEN
Oil Pressure	GREEN
Throttle	1000 RPM
Ammeter	CHECK
Annunc Lights	CHECK

Before Takeoff

Safety Belts	ON
Door	LATCH
Window	CLOSE
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

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

After Landing

Flaps	UP
Fuel Pump	OFF
Lights	AS REQ.
Transponder	STBY

Engine Shutdown

Radio Master	OFF
Electrical Equip	OFF
Mag Ground	CHECK
Mixture	CUTOFF
Magnetos-key	OFF&OUT
Master Switch	OFF
Hobbs Meter	CHECK
Tiedowns	INSTALL
Chocks	INSTALL