

# Preflight Inspection

## Cockpit

Hobbs meter	CHECK
Required Docs	A.R.O.W.
Control Lock	<b>REMOVE</b>
Avionics Master	OFF
Master Switch	ON
Flaps	DOWN
Fuel Gauges	CHECK
Lights	CHECK
Master Switch	<b>OFF</b>

## Left Wing

Fuel Quantity	CHECK
Fuel Cap	SECURE
Leading Edge	CHECK
Pitot Tube	CLEAR
Stall Warning	CHECK
Landing Light	CHECK
Fuel Vent Line	CLEAR
Tie-Down	REMOVE
Wing Tip	CHECK
Ailerons	CHECK
Flaps	CHECK
Fuel Sumps (5)	DRAIN
Main Gear	CHECK

## Fuselage and Tail

Fuselage	CHECK
Antennas	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Elevator	CHECK
Fuselage	CHECK

Oil Capacity	8 Qts
Fuel Capacity	53 Useable
Useful Load	905 lbs

# Cessna 172SP N3504A

## Right Wing

Main Gear	CHECK
Fuel Sumps (5)	DRAIN
Flaps	CHECK
Ailerons	CHECK
Wing Tip	CHECK
Leading Edge	CHECK
Tie-Down	REMOVE
Fuel Quantity	CHECK
Fuel Cap	SECURE

## Nose Section

Oil Quantity	6 QTS MIN
Fuel Sumps (3)	DRAIN
Nose Gear	CHECK
Propeller	CHECK
Alternator Belt	CHECK
Air Intakes	CLEAR
Static Port	CHECK

## Pull aircraft onto taxiway before starting

WVI CTAF	122.8
WVI ASOS	132.275
WVI Elevation	163 ft

Vx	62
Vy	74
Best Glide	68
Approach	65-75
Approach w/flaps	60-70
Short field approach	61
Vso	40
Vs	48
Vfe	85
X- wind	15

## Before Starting Engine

Safety Belts	ON
Circuit Breakers	IN
Electrical Equip	OFF
Avionics Master	<b>OFF</b>
Fuel	BOTH
Brakes	HOLD

## Start Engine

Master Switch	ON
Beacon	ON
Throttle	1/4 inch
* Fuel Pump	ON
* Mixture	RICH 3-5 sec. <i>(until fuel flow, then IDLE)</i>
*Fuel Pump	OFF
Prop Area	CLEAR
Starter	ENGAGE
Mixture	RICH on start
Oil Pressure	GREEN

## Hot Start- omit steps marked with \*

## Before Taxi

Lights	AS REQ.
Flaps	UP
Avionics Master	ON
Transponder	STBY
Brakes	CHECK

## Pre Takeoff Check

Controls	CHECK
Instruments	CHECK
Fuel	BOTH
Throttle	1800 RPM
Magnetos	CHECK
Vacuum	4.8-5.1
Oil Pressure & Temp	GREEN
Ammeter	CHECK
Annunciator Panel	CHECK
Throttle	1000 RPM

## Before Takeoff

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

## Departing Airport Area

Landing Light	OFF
Gauges	GREEN
Enroute climb	70-85

## Before Landing

Brakes	CHECK
Fuel	BOTH
Mixture	RICH
Landing Light	ON
Safety Belts	ON

## After Landing

Flaps	UP
Lights	AS REQ.
Transponder	STBY

## Engine Shutdown

Avionics Master	<b>OFF</b>
Electrical Equip	OFF
Mixture	CUTOFF
Magnetos	OFF/OUT
Master Switch	<b>OFF</b>
Hobbs Meter	CHECK
Control lock	<b>INSTALL</b>
Tiedowns & chocks	<b>INSTALL</b>

Checklists for reference only. Always refer to the approved aircraft manual for proper operating procedures.