

# Piper Saratoga PA32-301T N3832D

## Preflight Inspection

### Cockpit

Hobbs meter	CHECK
Required Docs	A.R.O.W.
Fuel Strainer	+6sec ea. L,R
Master Switch	ON
Fuel Gauges	CHECK
Lights	CHECK
Stall Warning	CHECK
Flaps	Down
Stall Warning	CHECK
Master Switch	<b>OFF</b>

### Right Wing

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

### Nose Section

Baggage Door	CLOSED
Cowling	CHECK
Nose Gear	CHECK
Propeller	CHECK
Alternator Belt	CHECK
Landing Light	CHECK
Air Intakes	CLEAR
Oil Quantity	2.75 QTS MIN

### Left Wing

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

### Fuselage and Tail

Fuselage	CHECK
Antennas	CHECK
Vert Stabilizer	CHECK
Stabilator Left	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Stabilator Right	CHECK
Fuselage	CHECK

**Pull aircraft onto taxiway before boarding.**

**Do not start with loose dirt or rocks under or behind the aircraft.**

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### Key Speeds

Rotate .....	74-80
Rotate (short) ..	58-66 (w/25° flaps)
Obstacle (short).	61-71
V <sub>x</sub> .....	76
V <sub>y</sub> .....	90
Best Glide .....	80
Approach .....	95
Approach(short)	79 (w/40° flaps)
V <sub>so</sub> .....	58
V <sub>s</sub> .....	62
V <sub>a</sub> @2225lbs.....	108
V <sub>a</sub> @3600lbs.....	134
V <sub>no</sub> .....	154
V <sub>ne</sub> .....	197
X- wind .....	17

(Always confirm with POH)

### Capacities

Oil Capacity	12 Qts
Fuel Capacity	102 Useable
Useful Load	_1325_ lbs

### Payload

Fuel full	_713_ lbs
Fuel to 70gal	_905_ lbs

### Range - Fuel full (6000 ft)

75%	_____ NM
65%	_____ NM
55%	_____ NM

### Range - Fuel to 70gal (6000 ft)

75%	_____ NM
65%	_____ NM
55%	_____ NM