*Use at your own risk. The pilot must refer to the FAA approved documents for the*

*correct information and is responsible for safe operation of aircraft*.

Emergency: Com 121.5 / Squawk 7700

Loss Com. Squawk 7600

KMAN ASOS:118.325 KEUL ASOS :135.07 KBOI ATIS:123.9

Big Sky App/Dep: 119.6 unless directed to 126.9 FSS BOI: 122.6

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| **Cessna 182P N9989E v1.6 7/31/2020** | |
| **TAKEOFF**  Normal: Rotate 60 MPH **Vy 89 MPH**  (85 mph @ 10,000’)  Short/Soft: Flaps 20° **Vx 60 MPH** (64 mph @ 10,000’) | |
| **CRUISE CLIMB 100 – 120 MPH**  **BEST GLIDE 80 MPH (flaps up)** | |
| **>1000’ AGL** Oil Pres/Temp • Ammeter • Vacuum  • MP **15”- 23”** • Prop **2200 -2450 RPM** | |
| **CRUISE**  • Max 75% power • Mixture LEAN to **peak EGT**, then ENRICH 125˚F rich of peak for Best power.  • Heading Indicator **SET** • Cowl Flaps **CLOSED**  • Routinely Check Gauges:• Oil Press/Temp • Ammeter  • Landing Light **ON for Safety** | |
| **LANDING** • Landing Light **ON**  • Autopilot **OFF** • Carb Heat **ON** • Prop **FWD**  • Cowl Flaps **CLOSED** • Fuel **BOTH** • Mixture **ENRICH**  • Approach at **70-80 MPH** | |
| **GO AROUND**  • Full Throttle • Pitch up • Carb Heat **OFF** • Flaps retract to **20°**  • Climbing & above ***80 MPH***, retract flaps • Cowl Flaps **OPEN** | |
| **AFTER LANDING**  Carb Heat **OFF** • Transponder **SBY** • Flaps **UP**  Cowl Flaps **OPEN** • Mixture **LEAN** for taxi | |
| **SHUTDOWN** Avionics/Lights **OFF** • Mixture **OFF** • Master **OFF** • Mags **OFF**  Flight Plan **Closed** • Control Lock **Installed** •Pitot Tube Cover **Installed** | |
| **POSTFLIGHT**  • Hobbs & Tach Time **RECORDED** • Windows & Leading Edges **CLEANED**  • Wheel Chocks **SET** • Seat Belts **SECURE** • Interior **CLEANED**  • Airplane **LOCKED** • Flight Log **DATA** **ENTERED** • Flight Plan **CLOSED**  • Hangar **SECURE** • Lights **OFF** • Doors **LOCKED** | |
| *MPH*  **Vso 63**  **Vs1 68**  **Vfe 110**  **Va 2950 126**  **Va 2500 116**  **Va 2050 105**  **Vno 160**  **Vne 198** | Recommended Pattern Speeds/ Approx Pwr Settings  Downwind: 90 - 100 mph / 16“ MP  Abeam: 85 - 90 mph / 13“ MP  Base: 80 - 85 mph / 13“ MP  Final: 70 - 75 mph / 13“ MP  (Full Flaps – No Flaps) |

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| **Cessna 182P N9989E v1.6 7/31/2020** | |
| PREFLIGHT Pitot Tube Cover - REMOVED  Gust Lock - REMOVED  Hobbs – Record into Flight Log  Tach – Check < Oil Change Time  Avionics Master–OFF  Master - ON  Flaps – Ck for Smooth Operation  Fuel Gauges – CHECK  Exterior Lights - CHECK  Interior Lights – CHECK  Stall Horn - CHECK  Master – OFF  Baggage Door – LOCKED  Tires/Brakes – Press/Leaks  (Main 42 psi - Nose 49 psi)  Fuel Quantity & Caps secure  Oil level: 7 MIN / 8 MAX Qts. Oil Filler Cap – Secure  Nose strut, Cowl Flaps,  Prop & Spinner - Inspect  Static Ports-Clear  Check Fuel level/Caps/Drain  Engine Fuel Strainer-Drain  Final Walk / Look Around START Seats – LOCKED  Seat Belts – FASTENED  Passenger Briefing  Cowl Flaps – OPEN  Elevator / Rudder Trim Set  Circuit Breakers – IN  Avionics – OFF  AutoPilot –OFF (is off by default)  Mixture – RICH  Carb Heat – COLD  Prime – As Required (max 3)  Throttle – OPEN ½ Inch  Yell - Clear Prop | Brakes – Set/Held  Master – ON  Beacon – ON Engage Starter (max 20 sec crank if no start)AFTER START Throttle – 1000 RPM  Oil Pressure– in green < 30 seconds  Flaps – UP  Mixture – LEAN FOR TAXI  Avionics Master – ON  Taxi Lights - ON  Transponder – ALT RUNUP Doors & Windows – LATCHED  Controls – FREE & CORRECT  Flaps – UP  Trim – Elevator & Rudder TAKEOFF  Throttle – 1700 RPM  Mixture – FULL RICH (Lean for Best power above 5,000’ DA) Mags (drop< 125, difference ea <50)  Prop – Cycle 3 X  Carb Heat – TEST  Ammeter - Charging  Low Voltage Light - Out  Throttle – 1000 RPM  Instruments – CHECK/SET  Garmin G5 baro pressure set/referenced to conventional Altimeter  Seat Belts – SECURE  COM – First Freq. 122.7 KMAN  NAV – First Freq. - 113.3 BOI VOR  OBS – SET  Charts & Log – READY  Headset – ON |
| **BEFORE TAKEOFF - Clearing** circle for Pattern Traffic  • What is your **ABORT** Plan?  Flaps **UP** or 20° • Carb Heat **OFF** • Transponder **ALT** •  Lights/Strobes **ON** • Prop **FWD** • Cowl Flaps **OPEN** • Headset **ON** | |

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