

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.

Cessna 182Q N7593S v1.8 7/31/2020	
TAKEOFF Normal: Rotate 50 Kts Vy 78 Kts (73 kts @ 10,000') Short/Soft: Flaps 20° Vx 57 Kts (62 kts @ 10,000')	
CRUISE CLIMB 85 – 95 Kts BEST GLIDE 70 Kts (flaps up)	
>1000' AGL Oil Pres/Temp • Ammeter • Vacuum • MP 15"- 23" • Prop 2100 -2400 RPM	
CRUISE • Max 75% power • Mixture LEAN to peak EGT , then ENRICH 50°F rich of peak for Best power. • Cowl Flaps As Required • Routinely Check Gauges: • Oil Press/Temp • Ammeter • Landing Light On for Safety	
LANDING • Landing Light ON • Both Autopilots OFF • Carb Heat ON • Prop FWD • Cowl Flaps CLOSED • Fuel BOTH • Mixture ENRICH • Approach at 60-70 Kts	
GO AROUND • Full Throttle • Pitch up • Carb Heat OFF • Flaps retract to 20° • Climbing & above 55 kts , 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 • Mags OFF • Master OFF Flight Plan Closed • Control Lock Installed Pitot Tube Cover - Installed	
POSTFLIGHT • Hobbs & Tach Times RECORDED • Windows & Leading Edges CLEANED • Wheel Chocks SET • Seat Belts SECURE • Interior CLEANED • Airplane LOCKED • Flight Log ENTERED • Flight Plan CLOSED • Hangar SECURE • Lights OFF • Doors LOCKED	
<i>Kts</i>	Recommended Pattern Speeds/ Approx Pwr Settings
Vso 45	Downwind: 85 - 90 Kts / 16" MP
Vs1 48	Abeam: 75 - 80 Kts / 13" MP
Vfe 95	Base: 70 - 75 Kts / 13" MP
Va 2950 111	Final: 60 - 65 Kts / 13" MP
Va 2500 102	
Va 2050 93	(Full Flaps – No Flaps)
Vno 143	
Vne 179	

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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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	Brakes - Set/Held Master - ON Beacon - ON Engage Starter (max 20 sec crank if no start)
START Seats - LOCKED Seat Belts - FASTENED Passenger Briefing Cowl Flaps - OPEN Elevator / Rudder Trim Set Circuit Breakers - IN Avionics - OFF AutoPilots - OFF Mixture - RICH Carb Heat - COLD Prime - As Required (max 3) Throttle - OPEN ½ Inch Yell - Clear Prop	AFTER START Throttle - 1000 RPM Oil Pressure- in green < 30 seconds Flaps - UP Mixture - LEAN FOR TAXI Avionics Master - ON Aspen - ON Taxi/Landing Lights - ON Transponder - ALT
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	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 Aspen Altimeter 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