

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 v1.11 8/28/2024	
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 • MP 15"- 23" • Prop 2100 -2400 RPM	
CRUISE • 75% power or less • LEAN to peak EGT , then ENRICH 50°F rich of peak for recommended lean. Use G3X Engine Lean Assist OPERATING LEAN OF PEAK IS NOT APPROVED • Cowl Flaps - As Required • Routinely Check Gauges: • Oil Press/Temp • Ammeter • Landing Light On for Safety	
LANDING • Landing Light ON • AutoPilot OFF • GUMPS • 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° • Climb at 55 kts & above 70 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 • G3X Engine & Total Times RECORDED • Mixture • Mags • Master OFF • Leave Beacon On Flight Plan Closed • Control Lock Installed Pitot Tube Covers - Installed	
POSTFLIGHT Windows & All Leading Edges CLEANED • Wheel Chocks SET • Seat Belts SECURE • Interior CLEANED • Airplane LOCKED • LOG OUT Flight Log System 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	(Full Flaps - No Flaps)
Vno 143	
Vne 179	
Emergency: Com 121.5 / Squawk 7700 Loss Com. Squawk 7600 KMAN ASOS:118.325 KEUL COM:123.0 / ASOS:135.07 KBOI ATIS:123.9 Big Sky App/Dep: 119.6 unless directed to 126.9	

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 v1.11 8/28/2024	
CHECKED OUT - FLIGHT LOG SYSTEM	Mixture - RICH Carb Heat - COLD Prime - As Required (max 3) Throttle - OPEN ~ 1/2 Inch Brakes - Set/Held Beacon - ON Yell - Clear Prop - Look around Engage Starter (max 20 sec crank if no start)
PREFLIGHT Pitot/AOA Tube Covers-REMOVED Gust Lock - REMOVED Avionics Master-OFF AOA Pitot Heat/Pitot Heat - OFF Master - ON (Right side only) G3X - Check Engine(tach) Total (Hobbs) Flaps - Ck for Smooth Operation Exterior/Interior Lights - CHECK Stall Horn - CHECK Master - OFF Baggage Door - LOCKED Tires/Brakes - Press/Leaks (Main 42 psi - Nose 49 psi) Oil level: 7 MIN / 8 MAX Qts. Oil Filler Cap - Secure Nose strut, Cowl Flaps-Inspect Prop & Spinner-Inspect Static Ports-Clear Check Fuel level/Caps/Drain Engine Fuel Strainer-Drain Final Walk/Look Around/Tow Bar	AFTER START Throttle - 1000 RPM Oil Pressure- in green < 30 seconds Flaps - UP Mixture - LEAN FOR TAXI Avionics Master - ON Taxi/Landing Lights - ON Transponder - ALT
START Passenger Briefing Seats - LOCKED Seat Belts - FASTENED Fuel - ON BOTH Cowl Flaps - OPEN Elevator / Rudder Trim-Set Circuit Breakers - In Master - ON Wait until G3X is on and MFD/Oil Pressure is visible. Set Remaining Fuel Qty to match dipstick. Reset Set Fuel Used = 0 AutoPilot Preflight (if intending to use AutoPilot or Electric Trim) See G3x manual pg 295 and FMS-Limitations	RUNUP Doors & Windows - LATCHED Controls - FREE & CORRECT Flaps - UP Trim - Elevator & Rudder TAKEOFF Throttle - 1700 RPM Mixture - FULL RICH (Lean for best power above 3,000' DA) Mags (drop < 150, difference ea < 50) Prop - Cycle 3 X Carb Heat - TEST Throttle to Idle - Does not quit Throttle - 1000 RPM Confirm Voltage 12.5-14 Volts Hi Voltage Light - NOT LIT Check Alt Amps - Charging Instruments - CHECK/SET Seat Belts - SECURE Headset - ON Check Intercom/Com volumes/operation COM - First Freq. 122.7 KMAN KMAN ASOS:118.325 AutoPilot - OFF G3X/Avionics - Set Up
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	