

**SOCATA TB-10 TOBAGO  
PROCEDURES CHECKLIST**

**BEFORE STARTING ENGINE**

Preflight Outside.....Done  
Chocks.....REMOVED  
Flight Controls.....Check  
Electric Switches & Radios.....OFF  
Circuit Breakers.....Check

**STARTING ENGINE COLD**

Carburator Heat.....OFF  
Throttle.....¼ OPEN  
Propellor.....FULL FORWARD  
Mixture.....FULL RICH  
Master Switch.....ON  
Fuel Pump.....ON  
Pump Warning Light.....ON  
Fuel Pressure Gauge.....GREEN SECTOR  
Ramp Area.....Yell; “CLEAR!”  
Magnetos.....ON  
Starter.....ENGAGE

**COLD START**.... Pump throttle as needed

**HOT START**..... Do not pump throttle  
\*\*\*IF ENGINE FLOODED\*\*\*

Mixture.....IDLE CUTOFF  
Throttle.....FULL, Do Not PUMP

**AFTER ENGINE STARTS**

Throttle.....1,100 RPM  
Oil Presssure.....GREEN SECTOR  
Alternator Switch.....OFF  
Generator Warning Light.....ON  
Voltmeter.....YELLOW SECTOR  
Alternator Switch.....ON  
Generator Warning Light.....OFF  
Voltmeter.....GREEN SECTOR  
Fuel Pump.....OFF  
Navigation Lights.....ON  
Turn-and-Bank Indicator.....ON  
Vacuum.....Check  
Annunciator Panel.....TEST  
Circuit Breakers.....ALL IN  
Radio Master Switch.....ON  
Transponder.....STANDBY  
Fuel Selector.....Desired Tank

**TAXIING**

Foot Brakes & Steering.....Check  
Flight Instruments.....Check

**GROUND CHECK**

Parking & Foot Brakes.....Set  
Oil Temperature.....GREEN SECTOR  
Oil Pressure.....GREEN SECTOR  
Fuel Pressure.....GREEN SECTOR  
Mixture.....FULL RICH  
Throttle.....2,000 RPM  
Propellor.....CYCLE 2 Times  
Magnetos.....LEFT OFF-ON  
                               RIGHT OFF-ON  
                               Max Drop 175 RPM, Max Diff. 50 RPM  
Carburator Heat.....ON-OFF  
                               Manifold Pressure Decrease  
                               Carburator Temp Indicator Increase  
Throttle.....RETARD

**BEFORE TAKEOFF**

Master & Alt Switches.....ON  
Fuel Selector.....Fullest Tank  
Seats and Seat Belts.....Up & Fastened  
Doors.....Locked  
Trim.....TAKEOFF Position  
Flaps.....TAKEOFF Position  
Propellor.....FULL FORWARD  
Carburator Heat.....OFF  
Mixture.....FULL RICH  
Fuel Pump.....ON  
Oil Temperature.....GREEN SECTOR  
Oil Pressure.....GREEN SECTOR  
Fuel Pressure.....GREEN SECTOR  
Directional Gyro.....SET  
Altimeter.....SET  
Transponder.....Set and ALT

**TAKEOFF CLIMB**

Propellor.....2,500 RPM  
Throttle.....2,500 Manifold  
Fuel Pump.....OFF at 1,000 ft. AGL

**LEVEL FLIGHT**

Throttle.....2,300 Manifold  
Propellor.....2,300 RPM  
Mixture.....LEAN (if req.)  
Gauges/Breakers.....Scan

**BEFORE LANDING**

Gas, Selector.....Fullest Tank  
Fuel Pump.....ON  
Undercarriage  
Mixture.....FULL RICH  
Prop.....FULL FORWARD  
Switches, Circuit Breakers.....Check  
Landing Lights.....ON  
Seats and Seat Belts.....Check

**LANDINGS**

Regular, Full Flaps.....75  
Short/Soft Field, Full Flaps.....63  
Regular, 0 Flaps.....78

**AFTER LANDING**

Flaps.....UP  
Fuel Pump.....OFF  
Landing Light.....OFF  
Taxiing Light.....ON  
Transponder.....STDBY  
Trim.....NEUTRAL  
Radio Calls.....As Required

**SHUTDOWN**

Radio Master.....OFF  
Anti-Collision & Other Lights.....OFF  
All Other Switches.....OFF  
Throttle.....1,200 RPM  
Mixture.....IDLE CUTOFF  
Magnetos.....OFF  
Master/Alt Switches.....OFF  
Throttle.....OFF  
Fuel Selector.....OFF  
Parking Brake.....SET  
Control Lock.....INSERTED  
Chocks.....PLACED  
Canvas Cover (optional).....INSTALLED

**PREFLIGHT CHECK**

Canvas Cover.....REMOVED & STOWED  
Control Lock.....Removed  
MASTER Switch.....ON  
Flaps.....FULL DOWN  
Trim.....TAKEOFF Position  
Fire Extinguisher.....Check Pressure  
LH Wing & Controls.....Check  
Landing Gear/Tire.....Check

Stall Warning.....TEST  
LH Fuel Tank & Cap.....Check  
LH Fuel at Drain.....TEST  
Pitot Heat.....Cover Removed  
Windshield.....Clean  
Front Landing Gear/Tire.....Check  
Propellor.....Check  
Oil.....Check (6-8 Quart)  
Air Exhaust/Intakes.....Check  
RH Fuel Tank & Cap.....Check  
RH Fuel at Drain.....Check  
RH Wing & Controls.....Check  
Landing Gear/Tire.....Check  
Antennas.....Check  
Empennage.....Check  
ALT Switch.....OFF  
Annunciator Panel.....TEST  
Fuel Guages.....Check  
FLAPS.....Retract  
Instrument Lights.....Check  
Navigation Lights.....Check  
Strobe Lights.....Check  
Pitot Heat.....Check  
Landing/Taxi Lights.....Check  
MASTER Switch.....OFF

**REFERENCE DATA**

V<sub>SO</sub>.....53 KIA  
V<sub>S1</sub>.....60 KIA  
V<sub>A</sub>.....122 KIA  
V<sub>NO</sub>.....128 KIA  
V<sub>FE</sub>.....95 KIA  
V<sub>NE</sub>.....165 KIA  
V<sub>X</sub>.....62 KIA  
V<sub>Y</sub>.....78 KIA  
Best Glide.....86 KIA  
En Route Cruise.....127 KIA  
ROTATE.....71 KIA  
LAND.....75 KIA

FUEL.....53.8 Usable  
PLANNING TAS.....115 KIA  
PLANNING GPH.....8.5  
USEFUL LOAD.....910 lbs.

ELT.....121.50  
VFR XPONDER CODE.....1200