

COLD START

- Fuel Mixture **• FULL RICH**
- Master Switch **ON**
- Alternator **ON**
- Fuel Pump **ON**
- Throttle **• 1/8 OPEN**
- Fuel Pump **OFF**
- Propeller Pitch **• FULL FINE**
- Flaps **RETRACT 0°**
- “Clear Prop” **ANNOUNCE**
- Starter **ENGAGE**

WARM START

- Fuel Mixture **• LEAN**
- Throttle **• 1/8 OPEN**
- Propeller Pitch **• FULL FINE**
- Master Switch **ON**
- Alternator **ON**
- Flaps **RETRACT 0°**
- “Clear Prop” **ANNOUNCE**
- Starter **ENGAGE**
- Fuel Mixture **• FULL RICH**

AFTER START

- Oil Pressure **IDLE @ 25_{psi}**
- Fuel Mixture **• LEAN**
- Avionics **ON**
- NAV Lights **ON**
- Transponder **SDBY**
- Flaps **VERIFY/RETRACT**
- Cockpit config **CFM**

RUN-UP

- Fuel Mixture **• FULL RICH**
- Park Brake **ON**
- Throttle **• 1700 RPM**
- Ignition R CHECK **≤50 RPM**
- Ignition L CHECK **≤50 RPM**
- Np **• CYCLE**
- Idle CHECK **≥600 RPM**
- Autopilot **CHECK**

T.M.P.F.I.S.H.

SPEEDS & LIMITS

- Vne **200KIAS**
- Vno **156KIAS**
- Va **130KIAS**
- Vfe **100KIAS**
- Vs0 **51KIAS**
- Vs1 **62KIAS**
- Vx **70KIAS**
- Vy **95KIAS**
- Best Glide **78KIAS**
- Service Ceiling **19500ft**

AEROBATICS

- Loop, Horiz. Eight **122-165KIAS**
- Immelman Turn **130-165KIAS**
- Aileron/Barrel Roll **105-165KIAS**
- Snap Roll **70-95KIAS**
- Vertical Roll **156-165KIAS**
- Split-S **87-96KIAS**

ENGINE & FUEL

- Model **Superior IO-400**
- Block Fuel Burn **40L/hr**
- Min VFR Reserve **30min**
- Total Fuel **188.0L**
- Fuel Type **AVGAS100LL**
- Max Oil Temp **118°C/245°F**
- Min Oil QTY **2QT/1.9L**
- Max Oil QTY **8QT/7.6L**
- Min oper. Oil Pressure **55psi**
- Max oper. Oil Pressure **95psi**

WEIGHT & BALANCE

- MTOW **930 kg**
- BEW **579 kg**
- Arm **2068.0 mm**
- Moment **1196757 kg/mm**
- Full Fuel (188L) **135.36 kg**
- Max load@full fuel **215.64 kg**
- Max Baggage **45.4 kg**
- Crew Arm **2536.0 mm**
- Fuel Arm **2082.0 mm**
- Baggage Arm **3288.8 mm**
- CG Limit **2084.8-2241.3 mm**