

► — PREFLIGHT — ◀	
Parkingbrake	ON
Ignition	OFF
Avionics	OFF
Lights	ALL OFF
Master Battery	ON
Fuel quantity	CHECK
Avionics	ON
NavCom	SET
ATIS	RECEIVED
Altimeter	SET
Avionics	OFF
Fuel valve	OPEN
► — ENGINE START — ◀	
Mixture	RICH
Prime	AS REQD
Throttle	1"
Carb heat	COLD
Beacon	ON
Nav lights	AS REQD
Engine	START
Throttle	1000 RPM
T & P, Vac	CHECK
Alternator	ON
Battery charge	CHECK
Time	RECORD
► — TAXI — ◀	
3 rd party Apps	START / ON
Avionics	ON
Taxi light	ON
Flaps	UP
Transponder	STBY
Gyro	ALIGN
Mixture	AS REQD
Pitot heat	AS REQD
► — HOLDING — ◀	
Park brake	ON
Trim	Take-off
T & P	GREEN
Throttle	1700 rpm
Magneto check	<125 MAX & <50 DIFF
Carb heat	HOT-CHECK-COLD
Throttle	1000 rpm
Taxi light	OFF

► — LINE-UP — ◀	
• Flaps	AS REQD
• Transponder	ALT
• Landing light	ON
• Strobe	ON
• Time	Record
► — TAKE-OFF — ◀	
• Throttle	FULL & HOLD
• Airspeed	ACCEL TO V
• 200' AGL - FLAPS	UP
► — CLIMB — ◀	
Throttle	FULL OPEN
Mixture	AS REQD > 3000'
► — CRUISE — ◀	
Throttle	Full minus 10% RPM
Mixture	RICH OF PEAK
Every 10 minutes	FREDA
Fuel	CHECK
Radios	SET
Engine	CHECK
Direction	GYRO CHECK & SET
Altimeter	SET
► — DESCENT — ◀	
Throttle	AS REQD
Mixture	RICHEN
Carb Heat	HOT
Landing Light	ON
► — INBOUND — ◀	
Radio	SET
Altimeter	SET
► — DOWNWIND — ◀	
Fuel	CHECK
Go-around	PLANNED
Throttle	2000 rpm, 80kts
Flaps	10
► — BASE LEG — ◀	
Throttle	2000 rpm, 70 kts
Flaps	20

• Memory item

▶ FINAL ◀	
Throttle	60 KIAS
Flaps	30
Runway	CLEAR
Clearance	RECEIVED
▶ GO-AROUND ◀	
• Carb heat	COLD
• Throttle	FULL & HOLD
▶ AFTER LANDING ◀	
• Flaps	UP
• Carb heat	COLD
• Transponder	STBY
• Landing light	OFF
• Taxi Light	ON
• Strobe	OFF
• Flaps	UP
• Time	RECORD
▶ SHUTDOWN ◀	
Parking brake	ON
3 ^d party Apps	STOP / OFF
Lights	ALL OFF
Pitot heat	OFF
Avionics	OFF
Alternator	OFF
Throttle	1000 RPM
Mixture	FULL LEAN
Magnetos	OFF
Master	OFF
Time	Record

▶ OPERATIONAL DATA ◀	
Vs0	35 kIAS
Vs1	40 kIAS
Vr	50 kIAS
Vx	55 kIAS
Vy	67 kIAS
Va	104 kIAS
Vfe	85 kIAS
Vno	111 kIAS
Vappr	55-65 kIAS
Vne	149 kIAS
Demonstrated crosswind	12 kts
Empty weight	1081 lbs
Max fuel load	234 lbs
Usable fuel	225 lbs
Max payload	589 lbs
MTOW	1670 lbs
Fuel burn (MTOW, 3000 ft, 2350 rpm, Leaned, 100 kTAS)	19 lbs/hr 6 USG/hr
Range (10% + 45 mins reserve)	1000 nm

• Memory item