

BEFORE STARTING ENGINE

PREFLIGHTCOMPLETE
PASSENGER BRIEFING.....COMPLETE
SEATS AND SEATBELTSADJUST and LOCK
BRAKES TEST and SET
CIRCUIT BREAKERS..... CHECK IN
ELECTRICAL EQUIPMENT OFF
AVIONICS OFF
LANDING GEAR.....DOWN
FUEL SELECTOR VALVE..... BOTH
FUEL SHUTOFF VALVECHECK ON

STARTING ENGINE

ThrottleOPEN ¼ INCH
Mixture.....RICH
CARB HEAT.....OFF
PRIME.....2-3/AS REQUIRED
PROP AREA CLEAR
MASTER Switch (ALT & BAT)ON
BEACON/NAV Light Switch.....ON
MAGNETOS Switch START
OIL PRESSURE CHECK in green
FLAPS UP or 10 Degrees
AMPSCHECK Positive charges
AVIONICS Switch.....ON
MIXTURE LEAN FOR TAXI

BEFORE TAKEOFF

PARKING BRAKE.....SET
ATIS/AWOS/CLEARANCE.....CHECK
Pilot and Passenger Seat Backs UPRIGHT
SEATS AND SEAT BELTS..... CHECK SECURE
CABIN DOORS Closed and Locked
FLIGHT INSTRUMENTS..... CHECK/SET
FUEL QUANTITY CHECK
MIXTURE RICH
FUEL SELECTOR VALVE.....BOTH
FLIGHT CONTROLS CHECK
ELEVATOR TRIM..... SET FOR TAKEOFF
RUDDER TRIM..... SET FOR TAKEOFF
COM Frequencies.....SET
NAV Frequencies.....SET
XPDRSET
THROTTLE.....1800 RPM
MAGNETOS Switch..... CHECK L & R
VAC Indicator..... CHECK
ENGINE Indicators CHECK
AMMETERS and VOLTMETERS..... CHECK
CARB HEAT.....CHECK
THROTTLE CHECK IDLE
THROTTLE 1000 RPM or LESS
THROTTLE FRICTION LOCK.....ADJUST

DEPARTURE.....BRIEF
FLAPS..... UP – 10 degrees
CABIN WINDOWS..... CLOSED/LOCKED
TAXI LIGHT..... ON
BRAKESRELEASE

TAKEOFF

STROBE/LDG/TAXI..... ON
THROTTLE.....FULL
MIXTURE..... RICH
ROTATE..... 55 KIAS
CLIMB AIRSPEED..... 70-80 KIAS
FLAPS..... RETRACT(400ft or clear obstacles)
LANDING LIGHTS.....OFF

CRUISE

POWER.....2100-2500 RPM (recommend 2300)
TRIM ADJUST
MIXTURE.....LEAN

DESCENT

ATIS/AWOS.....CHECK
COM/NAV.....SET
APPROACH.....BRIEF
TAXI LIGHT.....ON
POWER..... AS DESIRED
MIXTURE.....ADJUST AS NECESSARY
ALTIMETER..... SET
FUEL SELECTOR..... BOTH
CARB HEAT.....AS REQUIRED
FLAPSAS DESIRED

BEFORE LANDING

PILOT and PASSENGER SEATSUPRIGHT
SEATS AND SEATBELTS..... SECURE/LOCKED
FUEL SELECTOR..... BOTH
MIXTURE..... RICH
LANDING LIGHT.....ON
FLAPSAS DESIRED

AFTER LANDING

FLAPS..... UP
CARB HEAT.....OFF
STROBES.....OFF
LANDING LIGHTS.....OFF
XPDR.....1200

