



PREFLIGHT	
Pre Flight Inspection .....	COMPLETED
Mass & Balance.....	CHECKED
Flight Documents.....	CHECKED ON BOARD
Fuel.....	___LTR
Seats & Belts.....	LOCKED / FASTENED
Parking Brake.....	SET
Fuel Shut OFF Valve.....	OPEN
Circuit Breakers .....	CHECKED PRESSED IN
Canopy.....	CLOSE AND SECURED
Avionic Master.....	OFF

STARTING ENGINE	
Master Switch (Bat/Gen).....	ON
Strobes .....	ON
Electric Fuel Pump .....	ON
Throttle.....	COLD IDLE // WARM 2 CM OPEN
Choke.....	COLD PULL // WARM OFF
Propeller Area .....	CLEAR
Ignition Key .....	START, max 10 sec,
Throttle.....	1000 RPM
Oil Pressure .....	CHECK
Generator Warning Light.....	EXTINGUISHED
Electric Fuel Pump .....	OFF

BEFORE TAXI	
Avionic Master.....	ON
Flight Instruments & Avionics .....	SET
Transponder .....	STBY/GND
Engine Gauges .....	CHECKED

TAXI	
Brakes .....	CHECKED
Instruments .....	CHECKED

RUNUP	
Parking Brake .....	SET
Canopy .....	CLOSED AND LOCKED
Fuel Pressure Warning Light.....	EXTINGUISHED
Flight Controls .....	CHECK
Fuel Quantity Indicator .....	CHECK
Engine Gauges .....	GREEN
Throttle.....	1800 RPM
Propeller .....	CYCLE 3 TIMES
	drop 50-250RPM
Ignition Switch .....	CYCLE R-BOTH-L-BOTH
	Max Drop 150 RPM // Max Difference 50 RPM
Throttle .....	1500 RPM
Carburetor Heat .....	ON
	Max Drop 50 RPM
Throttle.....	IDLE then 1000 RPM
Carburetor Heat .....	OFF

BEFORE TAKEOFF	
Circuit Breakers .....	CHECK PRESSED IN
Electric Fuel Pump .....	ON
Flaps .....	___ SET
Trim .....	NEURTAL
Transponder .....	ALT
Landing Light .....	ON
Heading Indicator .....	CONFIRM

Vr	51
V <sub>CLIMB</sub>	65
Vx	57
Vy	65
VA	104
VFE	81
VNO	118
VNE	161

**KIAS!**

AFTER TAKEOFF	
Propeller .....	2400 RPM
Flaps .....	UP
Landing Light .....	OFF
Electric Fuel Fuel Pump .....	OFF

CRUISE	
Cruise Power ( 65%) .....	25 MP / 2100 RPM
Altimeter .....	set

APPROACH	
Altimeter .....	SET QNH ___ ALTITUDE
COM / NAV .....	SET FOR APPROACH
V <sub>REF</sub> / V <sub>TGT</sub> .....	.57 / ___
Heading Indicator.....	CHECKED

LANDING	
Electric Fuel Pump .....	ON
Landing Light .....	ON
Carburetor Heat .....	ON
Flaps .....	___ SET
Propeller .....	MAX RPM

AFTER LANDING	
Flaps .....	UP
Carburetor Heat .....	OFF
Transponder .....	OFF
Landing Light .....	OFF
Electric Fuel Pump.....	OFF

SHUTDOWN	
Throttle .....	IDLE
Parking Brake .....	SET
Radios/GPS .....	OFF
Avionic Master Switch.....	OFF
Ignition Switch .....	OFF
Lights .....	OFF
Master Switch ( Bat/Gen) .....	OFF

MAX dem crosswind comp.

15KT

**FLIGHT PLAN?**

ALTITUDE	55%		65%		75%	
	RPM	MP	RPM	MP	RPM	MP
2000	19	24	21	24,7	22	25,7
4000	19	23,3	21	24	22	25
6000	19	23	21	23,7	23	23,7
8000	20	21,3	23	21,7	24	22