

PREFLIGHT INSPECTIONS		6. Leading Edge	CHECKED
AIRCRAFT BINDER		7. Air Vents	CHECKED
1. POH	CHECKED	8. Strut	CHECKED
2. Weight	CHECKED	LANDING GEAR	
PRIOR TO PREFLIGHT		1. Tire	CHECKED
1. Visual Fuel Quantity	CHECKED	2. Brakes and Lines	CHECKED
2. Fuel Samples (3 sumps)	CHECKED	3. Chocks	REMOVED
3. Pitot Tube Cover	REMOVED	NOSE	
4. Oil Level	CHECKED	1. Eng Cowling	CHECKED
CABIN		2. Avionics Cooling Scoop	CHECKED
1. Headsets	PLUGGED IN	3. Nose Wheel Linkage	CHECKED
2. Aircraft Keys	FUEL SELECTOR	4. Shimmy Damper	CHECKED
3. Airworthiness and Reg	CHECKED	5. Nose Wheel Strut	CHECKED
4. Hobbs/Tach	VERIFIED	6. Tire	CHECKED
5. Control Wheel Lock	REMOVED	7. Exhaust	CHECKED
6. Standby VAC Switch	OFF	8. Prop	CHECKED
7. Ignition Switch	OFF	9. Spinner	CHECKED
8. Avionics	OFF	10. Engine Air Inlets	CHECKED
9. Prop	CLEAR	11. Alternator Belt	CHECKED
10. Master	ON	12. Flywheel	CHECKED
11. Fuel Quantity	CHECKED	13. Carb Air Filter	CHECKED
12. Flaps	EXTENDED	14. Eng Cowling	CHECKED
13. Ext Lights	ON	15. Static Port	CHECKED
14. Pitot Heat	ON	16. Avionics Cooling Scoop	CHECKED
15. Lights & Pitot Heat	CHECKED	17. Battery Access Door	CHECKED
16. Lights & Pitot Heat	OFF	18. Ext Pwr Port	CHECKED
17. Master	OFF	19. Nose Wheel Linkage	CHECKED
18. Alternate Static	CHECKED OFF	20. Nose Wheel Strut	CHECKED
19. Mixture	IDLE CUTOFF	LANDING GEAR	
20. Throttle	CLOSED	1. Tire	CHECKED
21. Fuel Selector	BOTH	2. Brakes and Lines	CHECKED
22. Fire Extinguisher	CHECKED	3. Chocks	REMOVED
23. Windscreen	CHECKED	PORT WING	
PORT FUSELAGE		1. Strut	CHECKED
1. Baggage Door	CHECKED	2. Air Vents	CHECKED
2. ELT Antenna	CHECKED	3. Leading Edge	CHECKED
EMPENNAGE		4. Pitot Tube	CHECKED
1. Horizontal/Vert Stab	CHECKED	5. Fuel Tank Vent	CHECKED
2. Elevator	CHECKED	6. Stall Horn	CHECKED
3. Tie Down	REMOVED	7. Tie Down	REMOVED
4. Rudder	CHECKED	8. Wingtip	CHECKED
5. VOR Antennas	CHECKED	9. Aileron	CHECKED
6. Elevator Trim Tab	CHECKED	10. Flap	CHECKED
STARBOARD WING		11. Upper Surface	CHECKED
1. Upper Surface	CHECKED	BEFORE STARTING ENGINE	
2. Flap	CHECKED	1. Preflight	COMPLETED
3. Aileron	CHECKED	2. Circuit Breakers	CHECKED
4. Wingtip	CHECKED	3. Brakes	CHECKED
5. Tie Down	REMOVED	4. Seats, Belts/Harnessess	ADJUSTED & SECURED

STARTING ENGINE		CLIMB	
1. Ignition Key	INSERTED	1. Airspeed	73 KIAS
2. Avionics	OFF	2. Throttle	FULL
3. Carb Heat	OFF	3. Mixture	FULL RICH
4. Beacon	ON	4. Instruments	CHECKED
5. Mixture	FULL RICH	5. Taxi / Landing Light	OFF
6. Throttle	SLIGHT	CRUISE / POST MANEUVER	
7. Primer	AS REQ IN LOCKED	1. Throttle	2100-2300 RPM
8. Brakes	HOLD	2. Carb Heat	OFF
9. Prop	CLEAR	3. Mixture	SET
10. Master	ON	4. Instruments	CHECKED
11. Ignition	START	5. Landing Light	OFF
12. Throttle	1000 RPM	PRE MANEUVER	
13. Oil Pressure	CHECKED	1. Fuel Selector	BOTH
14. Ammeter	POSITIVE	2. Mixture	FULL RICH
15. Avionics	ON	3. Landing Light	ON
16. NAV / Strobe Lights	ON	DESCENT	
BEFORE TAXI		1. Instruments	CHECKED
1. Flight Controls	CHECKED	2. Mixture	ADJUSTED
2. Trim	SET	3. Fuel Selector	BOTH
3. Mixture	LEAN	4. Carb Heat	AS REQ
4. Flaps	UP	5. Throttle	AS REQ
5. Heat/Air vent/Defrost	AS REQ	BEFORE LANDING	
6. Radios	CHECKED & SET	1. Seatbelts & Harnesses	SECURED
7. Flight Instruments	CHECKED & SET	2. Fuel Selector	BOTH
TAXI		3. Mixture	FULL RICH
1. Transponder	SQK CODE/ ALT	4. Landing / Taxi Lights	ON
2. Brakes	CHECKED	5. Carb Heat	ON
3. Heading / Turn Coordinators	CHECKED	6. Flaps	AS REQ
RUN-UP		AFTER LANDING	
1. Brakes	HOLD	1. Throttle	1000 RPM
2. Fuel Selector	BOTH	2. Flaps	UP
3. Mixture	FULL RICH	3. Mixture	LEAN
4. Throttle	1700 RPM	4. Carb Heat	OFF
5. Mags	CHECKED	5. Landing / Taxi Lights	OFF
6. Carb Heat	CHECKED ON	6. Pitot Heat	OFF
7. Voltmeter / Ammeter	CHECKED	SECURING	
8. Suction Gauge	CHECKED	1. ELT	CHECKED
9. Oil Temp / Press	CHECKED	2. Transponder	STANDBY
10. Throttle	IDLE	3. Avionics	OFF
11. Carb Heat	CHECKED OFF	4. Throttle	IDLE
12. Throttle	FULL	5. Mags	CHECKED BOTH
13. Throttle	1000 RPM	6. Throttle	1300 RPM for 30 SECONDS
14. Throttle Friction Lock	ADJUSTED	7. Mixture	IDLE CUTOFF
15. Mixture	LEAN	8. Mags	OFF
16. Takeoff Brief	COMPLETE	9. Master	OFF
LINE-UP		10. Aircraft Keys	FUEL SELECTOR
1. Flaps	UP	11. Int / Ext Lights	OFF
2. Mixture	FULL RICH	Controls Lock	INSTALLED
3. Carb Heat	OFF	Covers / Tie Downs	INSTALLED
4. Instruments / Transponder	CHECKED	Chocks	INSTALLED
5. Doors	LATCHED	Sunscreens	INSTALLED
6. Ext Lights	ON	Hobbs / Tach	RECORDED
		Cabin / Baggage Door	CLOSED

ENG FAIL AFTER TAKEOFF		EMERGENCY ENG SHUTDOWN ON DECK	
*1. Airspeed	68 KIAS	*1. Fuel Selector	OFF
*2. Fuel Selector	OFF	*2. Mixture	IDLE CUTOFF
*3. Mixture	IDLE CUTOFF	*3. Mags	OFF
*4. Flaps	AS REQ	*4. Master	OFF
*5. Mags	OFF	5. Aircraft	EVACUATE
*6. Master	OFF	ABORT TAKEOFF	
*7. Doors	UNLATCHED	*1. Throttle	IDLE
ENG FAIL IN FLIGHT		*2. Brakes	AS REQ
*1. Airspeed	68 KIAS	*3. Maintain directional control	
*2. Fuel Selector	BOTH	Due to FIRE/ENG FAIL	
*3. Mixture	FULL RICH	*3. Fuel Selector	OFF
*4. Throttle	FULL	*4. Mixture	IDLE CUTOFF
*5. Carb Heat	ON	*5. Mags	OFF
*6. Mags	BOTH	*6. Master	OFF
*7. Master	ON	ENG FIRE DURING START	
8. Primer	IN LOCKED	*1. Cranking	CONTINUE
IF NO RESTART		Continue until eng starts or until Mags selected off.	
9. Fuel Selector	OFF	IF ENGINE STARTS	
10. Mixture	IDLE CUTOFF	*2. Throttle	1700 RPM (5 sec)
11. Throttle	IDLE	*3. Fuel Selector	OFF
12. Mags	OFF	*4. Mixture	IDLE CUTOFF
14. Declare	7700 MAYDAY	*5. Mags	OFF
15. Seatbelts	SECURED	*6. Master	OFF
16. Flaps	AS REQ	IF ENGINE FAILS TO START	
17. Master	OFF	*2. Throttle	FULL OPEN
18. Doors	UNLATCHED	*3. Fuel Selector	OFF
ENG FIRE IN FLIGHT		*4. Mixture	IDLE CUTOFF
*1. Fuel Selector	OFF	*5. Mags	OFF
*2. Mixture	IDLE CUTOFF	*6. Master	OFF
*3. Master	OFF	7. Aircraft	EVACUATE
4. Cabin Heat / Air	OFF	ABNORMAL OIL TEMP/PRESS	
5. Airspeed	INCREASE	1. Temp / Press	MONITOR
6. Forced Landing	EXECUTE	2. Power	USE MINIMUM
ELEC FIRE IN FLIGHT		3. Forced Landing	EXECUTE
*1. Master	OFF	ICING	
*2. Avionics Pwr Switch	OFF	1. Pitot Heat	ON
*3. All Electrical Equipment	OFF	2. Carb Heat	ON
*4. Vents / Cabin Air	CLOSED	3. Cabin Heat/Defrost	MAX
IF FIRE APPEARS OUT		4. Icing Conditions	EXIT
5. Master	ON	5. No Flap Landing	EXECUTE
6. CBs	CHECKED		
7. Avionics Pwr Switch	ON		
8. Safety of Flt Equipment	ON (one at a time)		

