

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

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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	
	AS REQ IN	1. Throttle	2100-2300 RPM
7. Primer	LOCKED	2. Carb Heat	OFF
8. Brakes	HOLD	3. Mixture	SET
9. Prop	CLEAR	4. Instruments	CHECKED
10. Master	ON	5. Landing Light	OFF
11. Ignition	START	PRE MANEUVER	
12. Throttle	1000 RPM	1. Fuel Selector	BOTH
13. Oil Pressure	CHECKED	2. Mixture	FULL RICH
14. Ammeter	POSITIVE	3. Landing Light	ON
15. Avionics	ON	DESCENT	
16. NAV / Strobe Lights	ON	1. Instruments	CHECKED
BEFORE TAXI		2. Mixture	ADJUSTED
1. Flight Controls	CHECKED	3. Fuel Selector	BOTH
2. Trim	SET	4. Carb Heat	AS REQ
3. Mixture	LEAN	5. Throttle	AS REQ
4. Flaps	UP	BEFORE LANDING	
5. Heat/Air vent/Defrost	AS REQ	1. Seatbelts & Harnesses	SECURED
6. Radios	CHECKED & SET	2. Fuel Selector	BOTH
7. Flight Instruments	CHECKED & SET	3. Mixture	FULL RICH
TAXI		4. Landing / Taxi Lights	ON
1. Transponder	SQK CODE/ ALT	5. Carb Heat	ON
2. Brakes	CHECKED	6. Flaps	AS REQ
3. Heading / Turn Coordinators	CHECKED	AFTER LANDING	
RUN-UP		1. Throttle	1000 RPM
1. Brakes	HOLD	2. Flaps	UP
2. Fuel Selector	BOTH	3. Mixture	LEAN
3. Mixture	FULL RICH	4. Carb Heat	OFF
4. Throttle	1700 RPM	5. Strobes / Landing / Taxi	OFF
5. Mags	CHECKED	6. Pitot Heat	OFF
6. Carb Heat	CHECKED ON	SECURING	
7. Voltmeter / Ammeter	CHECKED	1. ELT	CHECKED
8. Suction Gauge	CHECKED	2. Transponder	STANDBY
9. Oil Temp / Press	CHECKED	3. Avionics	OFF
10. Throttle	IDLE	4. Throttle	IDLE
11. Carb Heat	CHECKED OFF	5. Mags	CHECKED BOTH
12. Throttle	FULL	5. Throttle	1300 RPM for 30 SECONDS
13. Throttle	1000 RPM	6. Mixture	IDLE CUTOFF
14. Throttle Friction Lock	ADJUSTED	7. Mags	OFF
15. Mixture	LEAN	8. Master	OFF
16. Takeoff Brief	COMPLETE	9. Aircraft Keys	FUEL SELECTOR
LINE-UP		10. Int / Ext Lights	OFF
1. Flaps	UP	11. Controls Lock	INSTALLED
2. Mixture	FULL RICH	12. Covers / Tie Downs	INSTALLED
3. Carb Heat	OFF	13. Chocks	INSTALLED
4. Instruments / Transponder	CHECKED	14. Sunscreens	INSTALLED
5. Doors	LATCHED	15. Hobbs / Tach	RECORDED
6. Ext Lights	ON	16. 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	<b>ABORT TAKEOFF</b>	
*7. Doors	UNLATCHED	*1. Throttle	IDLE
<b>ENG FAIL IN FLIGHT</b>		*2. Brakes	AS REQ
*1. Airspeed	68 KIAS	*3. Maintain directional control	
*2. Fuel Selector	BOTH	<b>Due to FIRE/ENG FAIL</b>	
*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	<b>ENG FIRE DURING START</b>	
8. Primer	IN LOCKED	*1. Cranking	CONTINUE
<b>IF NO RESTART</b>		Continue until eng starts or until Mags selected off.	
9. Fuel Selector	OFF	<b>IF ENGINE STARTS</b>	
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	<b>IF ENGINE FAILS TO START</b>	
17. Master	OFF	*2. Throttle	FULL OPEN
18. Doors	UNLATCHED	*3. Fuel Selector	OFF
<b>ENG FIRE IN FLIGHT</b>		*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	<b>ABNORMAL OIL TEMP/PRESS</b>	
5. Airspeed	INCREASE	1. Temp / Press	MONITOR
6. Forced Landing	EXECUTE	2. Power	USE MINIMUM
<b>ELEC FIRE IN FLIGHT</b>		3. Forced Landing	EXECUTE
*1. Master	OFF	<b>ICING</b>	
*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
<b>IF FIRE APPEARS OUT</b>		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)		

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