

Flight Deck		Before Start		After Takeoff/Cruise	
AR(R)OW	CHECK	Exterior Preflight	COMPLETE	Flaps	Up
HOBBS	CHECK	Pax Briefing	COMPLETE	Mixture	LEAN > 3000'
Pitot Cover	REMOVE/STOW	Seats/Seat Belts	ADJUST/LOCK	Landing Light	ON < 10,000'
Cntrl Wheel Lock	REMOVE	Circuit Breakers	IN	Engine Inst.	Green
All Elec. Switches	OFF(bcn on)	Avionics Master	OFF	Enroute Climb	85 KIAS
Master Switch	ON	Flight Controls	FREE & CORRECT	Descent and Arrival	
Fuel Indicators	CHECK QUANTITY	Brakes	TEST & SET	ATIS/AWOS	OBTAIN
Low Fuel Annc	EXTINGUISHED	Fuel Selector	BOTH	Instruments	SET
Annunciator	TEST 3 FLASHES	Fuel Shutoff Valve	FULL IN	Radios	SET
Ignition Switch	OFF-KEYS RMVD	Engine Start Cold		Mixture	RICH < 3000'
Flaps	EXTEND	Throttle	OPEN 1/4 INCH	Fuel Selector	BOTH
Exterior Lights	CHK	Mixture	IDLE CUTOFF	Lights	ON
Pitot Ht (IFR)	ON/CHK WARM	Propeller Area	CLEAR	Seats/Seatbelts	ADJUST/LOCK
Ext. Lights/Pitot	OFF	Master Switch	ON	Before Landing	
Master Switch	OFF	Beacon	ON	Mixture	RICH < 3000'
Fuel Shutoff Valve	FULL IN	PRIME		Flaps	AS REQUIRED
Fuel Selector	BOTH	Fuel Pump	ON	Autopilot	OFF
Elevator Trim	SET	Mixture	FULL RICH 3-5 SECS	Go-Around	
Fuel		Mixture	IDLE CUTOFF	Throttle	FULL
L&R Fuel Level	CHECK	Fuel Pump	OFF	FLAPS	20
L&R Fuel Sumps	DRAIN/CHECK	Ignition Switch	START	Climb Speed	60KIAS
L&R Fuel Caps	SECURE	Mixture	ADVANCE TO RICH	Positive Rate	FLAPS: 10 then 0
Fuselage/Empenage		Oil Pressure	CHECK	After Landing	
Tail Tie-Down	DISCONNECT	Engine Start Warm		Flaps	UP
Control Surfaces	CHECK	Same as Cold Start Skip Prime		Strobe Lights	OFF
Trim Tab	CHECK	After Start		Mixture	LEAN
Antenna's	CHECK	Avionics Master	ON	Lndg/ Taxi Lights	AS REQUIRED
Right Wing		Headsets/Intercom	ON/ADJUST	ATC/CTAF	CALL FOR TAXI
Flap	CHECK	Navigation Lights	ON as Req.	Securing Aircraft	
Aileron	CHECK	Mixture	LEAN	Lndg/Taxi Light	OFF
Wing Tip & Lights	CHECK	ATIS/AWOS	OBTAIN	Transponder	SET
Leading Edge	CHECK	Altimeter	SET	Avncs Master & AP	OFF
Wing Tie-Down	DISCONNECT	Fuel Totalizer	SET	Mixture	IDLE CUTOFF
Wheel & Brakes	CHECK	Flight Instruments	SET	Ignition	OFF/KEYS OUT
Chocks	REMOVE	Flaps	UP	Nav./Inst. Lights	ALL OFF
Nose		Transponder	ALT/SET	Beacon Light	KEEP ON
Windshield	CHECK/CLEAN	Airport Diagram	ON KNEEBOARD	Master Switch	OFF
Oil	CHECK (6 - 8)	Taxi		Fuel Selector	LEFT or RIGHT
Engine Cowling	SECURE	ATC/CTAF	CALL FOR TAXI	Hobbs & Tach	RECORD
Nose Gear Strut	CHECK	Taxi/Landing LT	ON	Control Lock	INSTALL
Wheel & Tire	CHECK	Brakes/Steering	RELEASE/CHECK	Pitot Cover	INSTALL
Chocks	REMOVE	Flight Inst.	CHECK	Chocks	INSTALL
Air Filter	CLEAR	Run Up		Exterior	WALKAROUND
Prop & Spinner	CHECK	Brakes	SET/HOLD	V-Speeds (KIAS)	
Air Intakes	CHECK	Radios/Trnspondr	CHECK/SET	Vr	55
Alternator Belt	CHECK	Mixture	RICH	Vx	62
Lndng/Taxi Lights	CHECK	Fuel Selector	Both	Vy	74
Static Sources (2)	CHECK	Elevator Trim	SET	Cruise Climb	75-85
Left Wing		Throttle	1800 RPM	Vs	48
Pitot Tube	CHECK	Magneto Check	L/R CHECK DROP	Vs0	40
Stall Warning	CHECK	Annunciators	NOT ILLUMINATED	Vref	0°: 75 30°: 65
Fuel Tank Vent	CHECK	Ammeter	CHECK	Va	90-105
Wing Tie-Down	REMOVE	Engine Inst.	GREEN	Vfe	10*<110/30*<85
Leading Edge	CHECK	Suction Gauge	CHECK	Vno	129
Wing Tip & Lights	CHECK	Throttle	IDLE	Vne	163
Aileron	CHECK	Throttle	800-1000	Glide	68
Flap	CHECK	Throttle Lock	ADJUST	Max XW Comp	15
Wheel & Brakes	CHECK	AUTOPILOT TEST (MANDATORY) REFER TO SMALL CHECKLIST		DEPARTURE BRIEF:	
Chocks	REMOVE	Before Takeoff		1. Dept. Rnwy	5. Eng Fail T/O
Check All Tires	ROLL	NAV/GPS	SET	2. Drctn of Dep.	6. Eng Fail <1,000'
Baggage Door	SECURE	Departure Brief	COMPLETE	3. Noise abate	7. Eng Fail >1,000'
PAX BRIEF:		Flight Inst./Radio	CHECK/SET	4. Vr and Vx/Vy	8. Wndw/Dr open
1. Seat Belts/Harn	6. Yoke and Pedals	Flaps	SET (0) Soft (10)	CESSNA 172 Rev.1/12/24	
2. Seats - Locked	7. Sterile Cockpit	Fuel Selector	BOTH		
3. Doors/wndws	8. Traffic call outs	Elevator Trim	SET		
4. Air vents	9. Fire extinguish	Fuel Quantity	ADEQUATE		
5. Headsets	10. Emerg. Evac	Doors & Windows	CLSD & LTCHD		
		Time and Flt Pln	NOTE/OPN		
		CLEAR TAXIWAY AND HOLD SHORT			
		ATC/CTAF	CALL		
		Lndg and Stobe	ON		
		Mixture	AS REQUIRED		

Overvoltage Light On		Eng. Fail On T/O Run		Engine FIRE - Start	
Master Switch	OFF(Both Sides)	Throttle	IDLE	Cranking	CONTINUE
Master Switch	ON(Both Sides)	Brakes	APPLY	If Engine Starts	1800, SHUTDWN
Overvoltage Light	OFF	Flaps	RETRACT	If Engine Fails to Start	
If Over Volt. light Illuminates again		Mixture	CUT-OFF	Throttle	FULL OPEN
Flight	Terminate ASAP	Ignition Switch	OFF	Mixture	IDLE CUTOFF
Ammeter Discharging		Master Switch	OFF	Cranking	CONTINUE
Alternator	OFF	Eng. Fail Right After T/O		Fuel Shutoff Valve	OFF
Electrical Load	REDUCE	AIRSPEED	68 KIAS	Aux Fuel Pmp	OFF
Flight	TERMINATE ASAP	Mixture	CUT-OFF	Ignition Switch	OFF
Emerg. Lndg - NO PWR		Fuel Selector	OFF	Master Switch	OFF
Seats/Seat Belts	ADJUST/LOCK	Ignition Switch	OFF	Airplane	EVACUATE
Airspeed	65 KIAS	Flaps	AS REQ.	Fire	EXTINGUISH
Mixture	IDLE CUTOFF	Engine Fail Inflight		Emergency Descent	
Fuel Shutoff valve	OFF	Master Switch	OFF	Throttle	IDLE
Ignition Switch	OFF AND OUT	AIRSPEED/TRIM	68 KIAS/SET	45 Degree Bank	ESTABLISH
Flaps	AS REQUIRED	Landing Site	SELECT	Airspeed	128
Master Switch	OFF	Fuel Shutoff Valve	ON	Landing site	SELECT & FLY TWD
Doors	UNLATCH	Fuel Selector	CHECK BOTH	Continue with applicable checklist	
Emerg. Lndg - W/PWR		Aux Fuel Pump	ON	Engine FIRE - Inflight	
Flaps	20°	Mixture	RICH	Mixture	IDLE CUTOFF
Airspeed	65	Ignition Switch	BOTH or STRT	Fuel Shutoff Valve	OFF
Selected Field	FLY OVER	If Engine Does Not Restart		Aux Fuel Pmp	OFF
Radio/Electical	OFF	Emergency	Squawk/Declare	Master Switch	OFF
Flaps	30° on Final	Continue with Emergency Landing No Power Checklist		Cabin Heat & Air	OFF
Airspeed	65	Inadvertant ICING		Airspeed	100
Master Switch	OFF	Pitot Heat	ON	Land	IMMEDIATELY
Doors	UNLATCH	Change Dir./Alt.	LESS ICE PRONE	Continue with Emergency Landing Without Power Checklist	
Touchdown	TAIL LOW	Cabin Heat	FULL HOT	Electrical FIRE	
Ignition Switch	OFF	Defroster Outlet	OPEN	Master Switch	OFF
Brakes	APPLY HEAVY	Throttle	OPEN	Vnts/Cbn ht/Air	CLOSED
Ditching		Plan Landing	NRST AIRPORT	Fire Extinguisher	ACTIVATE
Radio	MAYDAY	If Rapid Buildup	OFF AIRPORT	Avionics Master	OFF
Heavy Objects	JETTISON	Expect Vso	TO INCREASE	Other Switches	ALL OFF
Approach:		Flaps	0°	Land	A.S.A.P
High Winds/Seas	INTO WIND	To increase Vis.	SIDESLIP	Wing FIRE	
Light Winds & Heavy Swells	PARALLEL TO SWELLS	Approach	65-75	NAV Light	OFF
Flaps	20-30°	Land	LEVEL ATTITUDE	Pitot Heat	OFF
With Power		Engine Related Icing		Strobe Light	OFF
Descend	300FPM @ 55	Throttle	MAX RPM	Side Slip	To Keep Fire Back
With No Power		Mixture	MAX RPM	Land	A.S.A.P
Approach	70-NO FLAPS	Vacuum Sys. Failure		Flaps	Only As REQ.
Cabin Doors	UNLATCH	Vacuum Guage	CHECK	Cabin FIRE	
Touchdown	LEVEL ATTITUDE	Annunciators	CHECK	Master Switch	OFF
Face	CUSHION	Static Source Blocked		Cabin Heat & Air	CLOSED
Airplane	EVACUATE	Alt Static Valve	PULL ON	Fire Extinguisher	ACTIVATE
Life Vests/Raft	INFLATE	Airspeed	REFER TO SEC. 5	Land	A.S.A.P
Spin		LIGHT GUN SIGNALS		LOW OIL PRESSURE	
PARE		ON GROUND		With High Temp.	LWR PWR & LND
Power	IDLE	IN FLIGHT		With Norm Temp.	LND NRST ARPT
Ailerons	NEUTRAL(HOLD)	Cleared for T/O	Cleared to Land	References	
Rudder	FULL OPPOSITE	Cleared for Taxi	Return for Lndng	Common FSS Freq.	122.2
Elevator	FULL FORWARD	STOP	Give way	Emergency Freq.	121.5
Spin Stopped	RUDDER NEUTAL	Taxi Clr of Rnwy	Airport Unsafe	Emergency SQK	7700
Elevator	SMOOTH BACK	Return to Starting	N/A	Comms Fail. SQK	7600
Flat Main Tire Landing		Extreme Caution	Extreme Caution	PIREP REPORTS	
Approach	NORMAL	C172 S - Sec. 3			
Touchdown	GOOD TIRE FIRST				
Hold Off Flat Tire	LONG TIME				
LEGEND		1. IDENTIFIER			
DASHED RED LINES		8. Weather*			
DO THEN VERIFY		9. Temperature*			
NO DASHED LINES		10. Wind*			
VERIFY THEN DO		11. Turbulence*			
		12. Icing*			
		13. Remarks*			
		* = 1 Required			