

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		
Low Fuel Annc	EXTINGUISHED	Fuel Selector	BOTH		
Annunciator	TEST 3 FLASHES	Fuel Shutoff Valve	FULL IN		
Ignition Switch	OFF-KEYS RMVD	Engine Start Cold		ATIS/AWOS	OBTAIN
Flaps	EXTEND	Throttle	OPEN 1/4 INCH	Instruments	SET
Exterior Lights	CHK	Mixture	IDLE CUTOFF	Radios	SET
Pitot Ht (IFR)	ON/CHK WARM	Propeller Area	CLEAR	Mixture	RICH < 3000'
Ext. Lights/Pitot	OFF	Master Switch	ON	Fuel Selector	BOTH
Master Switch	OFF	Beacon	ON	Lights	ON
Fuel Shutoff Valve	FULL IN	Fuel Pump	ON	Seats/Seatbelts	ADJUST/LOCK
Fuel Selector	BOTH	Mixture	FULL RICH 3-5 SECS	Before Landing	
Elevator Trim	SET	Throttle	OPEN 1/4 INCH		
Fuel		Mixture	IDLE CUTOFF	Flaps	AS REQUIRED
L&R Fuel Level	CHECK	Fuel Pump	OFF	Autopilot	OFF
L&R Fuel Sumps	DRAIN/CHECK	Ignition Switch	START	Go-Around	
L&R Fuel Caps	SECURE	Mixture	ADVANCE TO RICH		
Fuselage/Empenage		Oil Pressure	CHECK	Throttle	FULL
Tail Tie-Down	DISCONNECT	Engine Start Warm		FLAPS	20
Control Surfaces	CHECK	Throttle	OPEN 1/4 INCH	Climb Speed	60 KIAS
Trim Tab	CHECK	Mixture	IDLE CUTOFF	Positive Rate	FLAPS: 10 then 0
Antenna's	CHECK	Propeller Area	CLEAR	After Landing	
Right Wing		Master Switch	ON		
Flap	CHECK	Beacon	ON	Flaps	UP
Aileron	CHECK	Ignition Switch	START	Strobe Lights	OFF
Wing Tip & Lights	CHECK	Mixture	ADVANCE TO RICH	Mixture	LEAN
Leading Edge	CHECK	Oil Pressure	CHECK	Lndg/ Taxi Lights	AS REQUIRED
Wing Tie-Down	DISCONNECT	After Start		ATC/CTAF	CALL FOR TAXI
Wheel & Brakes	CHECK	Avionics Master	ON	Securing Aircraft	
Chocks	REMOVE	Headsets/Intercom	ON/ADJUST		
Nose		Navigation Lights	ON as Req.	Lndg/Taxi Light	OFF
Windshield	CHECK/CLEAN	Mixture	LEAN	Transponder	SQK VFR/1200
Oil	CHECK (6 - 8)	Ignition	OFF/KEYS OUT	Avncs Master & AP	OFF
Engine Cowling	SECURE	Nav./Inst. Lights	ALL OFF	Mixture	IDLE CUTOFF
Nose Gear Strut	CHECK	Beacon Light	KEEP ON	Ignition	OFF/KEYS OUT
Wheel & Tire	CHECK	Master Switch	OFF	Nav./Inst. Lights	ALL OFF
Chocks	REMOVE	Fuel Selector	LEFT or RIGHT	Beacon Light	KEEP ON
Air Filter	CLEAR	Hobbs & Tach	UP	Master Switch	OFF
Prop & Spinner	CHECK	Control Lock	INSTALL	Fuel Selector	LEFT or RIGHT
Air Intakes	CHECK	Pitot Cover	INSTALL	Hobbs & Tach	RECORD
Alternator Belt	CHECK	Chocks	INSTALL	Control Lock	INSTALL
Lndng/Taxi Lights	CHECK	Taxi		Pitot Cover	INSTALL
Static Sources (2)	CHECK	Taxi/Landing LT	ON	Chocks	INSTALL
Left Wing		ATC/CTAF	CALL FOR TAXI	Exterior	WALKAROUND
Pitot Tube	CHECK	Brakes/Steering	RELEASE/CHECK	V-Speeds (KIAS)	
Stall Warning	CHECK	Flight Inst.	CHECK		
Fuel Tank Vent	CHECK	Run Up		Vr	55
Wing Tie-Down	REMOVE	Brakes	SET/HOLD	Vx	62
Leading Edge	CHECK	Radios/Trnspndr	CHECK/SET	Vy	74
Wing Tip & Lights	CHECK	Mixture	RICH	Cruise Climb	75-85
Aileron	CHECK	Fuel Selector	Both	Vs	48
Flap	CHECK	Elevator Trim	SET	Vs0	40
Wheel & Brakes	CHECK	Throttle	1800 RPM	Vref	0°: 75 30°: 65
Chocks	REMOVE	Magnetometer	L/R CHECK DROP	Va	90-105
Check All Tires	ROLL	Annunciators	NOT ILLUMINATED	Vfe	10°<110/30°<85
Baggage Door	SECURE	Ammeter	CHECK	Vno	129
PAX BRIEF:		Engine Inst.	GREEN	Vne	163
1. Seat Belts/Harn	6. Yoke and Pedals	Suction Gauge	CHECK	Glide	68
2. Seats - Locked	7. Sterile Cockpit	DEPARTURE BRIEF:		Max XW Comp	15
3. Doors/wndws	8. Traffic call outs	Throttle	IDLE	1. Dept. Rnwy	
4. Air vents	9. Fire extinguish	Throttle	800-1000		
5. Headsets	10. Emerg. Evac	Throttle Lock	ADJUST	2. Drctn of Dep.	
		AUTOPILOT TEST (MANDATORY)			
		REFER TO SMALL CHECKLIST		3. Noise abate	
		Before Takeoff			
		NAV/GPS		5. Eng Fail >1,000'	
		Departure Brief			
		Flight Inst./Radio		8. Wndw/Dr open	
		Flaps			
		Fuel Selector		ATC/CTAF	
		Elevator Trim			
		Fuel Quantity		Mixture	
		Doors & Windows			
		Time and Flt Pln		CESSNA 172S	

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
		Eng. Fail Right After T/O		Fuel Shutoff Valve	OFF
				Aux Fuel Pmp	OFF
				Alternator	OFF
Electrical Load	REDUCE			Ignition Switch	OFF
Flight	TERMINATE ASAP			Mixture	68 KIAS
				Airplane	EVACUATE
Emerg. Lndg - NO PWR		Fuel Selector	OFF	Fire	EXTINGUISH
Seats/Seat Belts	ADJUST/LOCK	Ignition Switch	AS REQ.	Emergency Descent	
Airspeed	70 (65 W/FLAPS)	Master Switch	OFF		
Mixture	IDLE CUTOFF	Engine Fail Inflight		Throttle	IDLE
Fuel Shutoff valve	OFF			45 Degree Bank	ESTABLISH
Ignition Switch	OFF AND OUT	AIRSPEED/TRIM	68 KIAS/SET	Airspeed	128
Flaps	AS REQUIRED	Landing Site	SELECT	Landing site	SELECT & FLY TWD
Master Switch	OFF	Fuel Shutoff Valve	ON	Continue with applicable checklist	
Doors	UNLATCH	Fuel Selector	CHECK BOTH	Engine FIRE - Inflight	
Emerg. Lndg - W/PWR		Aux Fuel Pump	ON	Mixture	IDLE CUTOFF
Flaps	20°	Mixture	RICH	Fuel Shutoff Valve	OFF
Airspeed	65	Ignition Switch	BOTH or STRT	Aux Fuel Pmp	OFF
Selected Field	FLY OVER	If Engine Does Not Restart	Squawk/Declare	Master Switch	OFF
Radio/Electical	OFF	Emergency		Cabin Heat & Air	OFF
Flaps	30° on Final	Continue with Emergency Landing		Airspeed	100
Airspeed	65	No Power Checklist		Land	IMMEDIATELY
Master Switch	OFF	Inadvertant ICING		Continue with Emergency Landing	
Doors	UNLATCH	Pitot Heat	ON	Without Power Checklist	
Touchdown	TAIL LOW	Change Dir./Alt.	LESS ICE PRONE	Electrical FIRE	
Ignition Switch	OFF	Cabin Heat	FULL HOT		
Brakes	APPLY HEAVY	Defroster Outlet	OPEN	Master Switch	OFF
Ditching		Throttle	OPEN	Vnts/Cbn ht/Air	CLOSED
Radio	MAYDAY	Plan Landing	NRST AIRPORT	Fire Extinguisher	ACTIVATE
Heavy Objects	JETTISON	If Rapid Buildup	OFF AIRPORT	Avionics Master	OFF
Approach:		Expect Vso	TO INCREASE	Other Switches	ALL OFF
High Winds/Seas	INTO WIND	Flaps	0°	Land	A.S.A.P
Light Winds &	PARALLEL TO	To increase Vis.	SIDESLIP	Wing FIRE	
Heavy Swells	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 Gauge	CHECK	Cabin FIRE	
Touchdown	LEVEL ATTITUDE	Annunciators	CHECK		
Face	CUSHION	Static Source Blocked		Master Switch	OFF
Airplane	EVACUATE			Cabin Heat & Air	CLOSED
Life Vests/Raft	INFLATE	Alt Static Valve	PULL ON	Fire Extinguisher	ACTIVATE
Spin		Airspeed	REFER TO SEC. 5	Land	A.S.A.P
PARE		LIGHT GUN SIGNALS		LOW OIL PRESSURE	
Power	IDLE			With High Temp	
Ailerons	NEUTRAL(HOLD)	ON GROUND	Cleared for T/O	LWR PWR & LND	
Rudder	FULL OPPOSITE	IN FLIGHT	Cleared to Land	LND NRST ARPT	
Elevator	FULL FORWARD	Cleared for Taxi	Return for Lndg	References	
Spin Stopped	RUDDER NEUTRAL	STOP	Give way		
Elevator	SMOOTH BACK	Taxi Clr of Bnwy	Airport Unsafe	Common FSS Freq.	122.2
		Return to Starting	N/A	Emergency Freq.	121.5
		Extreme Caution	Extreme Caution	Emergency SQK	7700
Flat Main Tire Landing		C172 S - Sec. 3 Emergency		Comms Fail. SQK	7600
Approach	NORMAL			PIREP REPORTS	
Touchdown	GOOD TIRE FIRST				
Hold Off Flat Tire	LONG TIME				
LEGEND				1. IDENTIFIER	
DASHED RED LINES				8. Weather*	
DO THEN VERIFY				2. Report-type	
NO DASHED LINES				9. Temperature*	
VERIFY THEN DO				3. Location	
				10. Wind*	
				4. Time	
				11. Turbulence*	
				5. Altitude	
				12. Icing*	
				6. Type A/C	
				13. Remarks*	
				7. Sky Cover*	
				* = 1. Required	

Common FSS Freq.	122.2
Emergency Freq.	121.5
Emergency SQK	7700
Comms Fail. SQK	7600

