

# NORMAL CHECKLIST



# CESSNA C172

GENERAL PREPARATION	
Operational Flight Plan	PREPARED
Fuel Calculation	PREPARED
Load & Balance	CHECKED
T/O & Landing Distance	CHECKED
MET Conditions	CHECKED
ATC Flight Plan	ACCEPTED
A/C Logs & Documents	ON BOARD
Contaminations on A/C	REMOVED
Tie Downs	REMOVED
Pitot / Static Cover	REMOVED

FIRST FLIGHT (OF CREW) OF THE DAY	
Ignition	OFF & KEY OUT
Flashlight	CHECKED
Control Lock	REMOVED
Parking Brake	RELEASED
Master Switch (BATT + ALT)	ON
Fuel Quantity	CHECKED
Trim	CYCLE ONCE & T/O POSITION
Flaps	CYCLE ONCE & CRUISE POSITION
Lights	CHECKED
Master Switch (BATT + ALT)	OFF
Circuit Breakers	CHECKED
ELT	ARMED
Baggage	SECURED
Tow Bar, Chocks	SECURED
External Preheat	AS REQUIRED

EXTERNAL PREFLIGHT INSPECTION	
FUSELAGE TAIL SECTION	
Fuselage Condition	CHECKED
Baggage Door	CHECKED
Antennas (GPS, VOR-LOC, COM)	CHECKED
Fin / Rudder & Hinges	CHECKED
Stabilizer / Elevator & Hinges	CHECKED
RIGHT WING	
Gear (Tire, Brake, Wheel Pant)	CHECKED
Flap & Hinges	CHECKED
Aileron & Hinges	CHECKED
Fuel Tank Vent	CHECKED
Tip & Winglets & Lights	CHECKED
Fuel QTY	CHECKED
Filler Cap	CLOSED
Fuel Sump Drain	DRAINED
Leading Edge	CHECKED
FUSELAGE NOSE SECTION	
Nose Gear (Tire, Brake, Strut)	CHECKED
Cowling Locks	CHECKED
Oil Level	CHECKED
Filler Cap	CLOSED
Fuel Drainer	DRAINED
Prop & Spinner	CHECKED
Air Intake & Air Filter	FREE
LDG Light	CHECKED
LEFT WING	
Leading Edge	CHECKED
Fuel Sump Drain	CHECKED
Fuel QTY	DRAINED
Filler Cap	CLOSED
Stall Warning	CHECKED
Pitot / Static Tube	CHECKED
Tip & Winglet & Lights	CHECKED
Fuel Tank Vent	CHECKED
Aileron & Hinges	CHECKED
Flap & Hinges	CHECKED
Gear (Tire, Strut, Wheel Pant)	CHECKED

TAKEOFF SPEEDS, IAS [KTS]			
PHASE	FLA	PWR SETTING	SPEED
ROTATE	10°	HIGH RPM	60
INITIAL CLB	10°	HIGH RPM	70
CRUISE CLB	UP	HIGH RPM	80

LANDING SPEEDS, IAS [KTS]			
PHASE	FLAP	PWR SETTING	SPEED
ABEAM TDZ	10°	1700 RPM	80
BASE LEG	20°	AS REQUIRED	70
FINAL	20°	AS REQUIRED	65

CRUISE POWER							
PRESS ALT.	RPM	BHP %	TAS mph	FF l/h	Endurance h	Distance km	Distance NM
2.500 ft	2700	93	138	39,7	3,6	797	430
	2600	84	131	36,0	4,0	845	456
	2500	75	125	32,2	4,5	901	487
5.000 ft	2400	67	119	28,2	5,0	958	517
	2700	87	136	37,1	3,9	845	456
	2600	78	130	33,3	4,3	901	487
7.500 ft	2500	70	124	29,9	4,8	958	517
	2400	62	118	26,9	5,4	1014	547
	2650	77	132	32,9	4,4	933	504
10.000 ft	2600	73	129	31,0	4,6	958	517
	2500	65	123	28,0	5,2	1014	547
	2400	58	116	25,4	5,7	1062	574
10.000 ft	2600	68	128	29,1	5,0	1022	552
	2500	61	121	26,5	5,5	1062	574
	2400	55	115	24,2	5,9	1102	595

**NORMAL CHECKLIST****CESSNA C172****BEFORE ENGINE START**

PAX Safety Briefing	COMPLETED
Seats & Seatbelts	SET & FASTENED
Doors	CLOSED & LATCHED
Parking Brake	SET
Fuel Selector	BOTH
Mixture	RICH
Flight Instr. / QNH	PLAUSIBLE
Carburetor Heat	COLD

**ENGINE START**

Primer	AS REQUIRED
Throttle	OPEN 0,5 cm
Master Switch	ON
Ignition	ON
Oil Pressure	CHECKED

**AFTER START**

Avionics	ON & SET
Ammeter	CHECKED
Flaps	10° & SET
Trim	T/O
Flight Controls	FREE & CORRECT

**BEFORE TAXI**

ATIS / Airfield Info	RECEIVED
Flight Instruments	CHECKED & SET
Fuel Selector	BOTH
LDG Light	ON
Parking Brake	RELEASE

**TAXI**

Brakes	CHECKED
Nose Wheel Steering	CHECKED
Flight Instr. & Gyros	CHECKED & ALIGNED

**ENGINE RUN UP**

Parking Brake	SET
Throttle	ADJUST TO 1700 RPM
Suction Gage	4,6 – 5,4 in.HG.
Magnetos	CHECKED
Carburetor Heat	CHECKED
Power Lever	ADJUST TO 1200 RPM
Engine Instruments	ALL GREEN ARC

**LINE UP**

Parking Brake	RELEASE
LDG Light	ON
Transponder	ALT

**CLIMB**

Flaps	UP & SET
LDG Light	OFF
TAXI Light	OFF
Engine Instr.	CHECKED
Altimeter	STANDARD

**CRUISE**

Power	AS REQUIRED
Mixture	ARM
Engine Instr.	CHECKED
Flight Instr.	CHECKED
Directional Gyro	CHECKED

**DESCENT**

Mixture	RICH
Throttle	AS REQUIRED
Carburetor Heat	WARM

**APPROACH**

ATIS	RECEIVED
Altimeter	SET QNH
LDG Light	ON
TAXI Light	ON
Fuel Selector	BOTH
Appr. Briefing	COMPLETED

**FINAL**

Flaps	AS REQUIRED
Throttle	AS REQUIRED
Final Speed	ATTAIN

**AFTER LANDING**

Carburetor Heat	OFF
Flaps	UP & SET
Transponder	STBY

**SHUTDOWN**

Throttle	IDLE
Landing Light	OFF
Avionic Master	OFF
Mixture	CUT OFF
Ignition	OFF & KEY OUT
External Lights	OFF
Master Switch	OFF

**SECURING**

ELT	ARMED
Wheel Chocks	INSTALLED
Pitot Cover	INSTALLED
Tie Downs	INSTALLED
Journey Log	COMPLETED
Tech Log	COMPLETED
Aircraft Covers	INSTALLED