

CESSNA 172 P

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BEFORE START	
1) Preflight	COMPLETE
2) Passenger Brief	COMPLETE
3) Seats/Belts/Doors	SECURED
4) Fuel Selector	BOTH
5) Circuit Breakers	ALL IN
6) Electrical Equipment	OFF
7) Beacon	ON

STARTING ENGINE	
1) Mixture	RICH
2) Throttle	OPEN 1/8 INCH
3) Carb. Heat	OFF (IN)
4) Prime	AS REQUIRED
• 2-3 PUMPS FOR COLD ENGINE • NO PRIMING FOR HOT ENGINE	
5) Master	ON
6) Prop. Area	CLEAR

COLD START:	
7) Ignition Switch	*START
8) Oil Pressure	CHECK
9) Throttle	1,000 RPM
10) Mixture	LEAN FOR TAXI
11) Lights	AS REQUIRED
12) Flaps	UP
13) Avionics/ATIS	ON/CHECK
14) Instruments	SET

~TAXI CHECK AS REQUIRED~

** Note: Allow 20 sec. between starts for the first 3 start attempts--5 min. after 3 starts.*

HOT/FLOODED START:	
7) Mixture	IDLE CUT-OFF
8) Throttle	FULL OPEN (IN)
9) Ignition	*START
WHEN ENGINE STARTS:	
Mixture	FULL RICH
Throttle	IDLE
10) Oil Pressure	CHECK
11) Throttle	1,000 RPM
12) Mixture	LEAN FOR TAXI
13) Lights	AS REQUIRED
14) Flaps	UP
15) Avionics/ATIS	ON/CHECK
16) Instruments	SET

~TAXI CHECK AS REQUIRED~

RUN-UP	
1) Brakes	SET OR HOLD
2) Avionics	CHECK & SET
• SET RADIO FREQUENCIES • SET TRANSPONDER	
3) Flight Instruments	SET
4) Flight Controls	CHECK
5) Trim	SET
6) Primer	IN & LOCKED
7) Fuel Selector	BOTH

ENGINE RUN-UP:	
8) Mixture	RICH (<3,000')
9) Throttle	1,700 RPM
10) Magnetos	CHECK
• MAX 125 RPM DROP • MAX 50 RPM BETWEEN MAGS	
11) Carb. Heat	CHECK
12) Fuel Gauges	CHECK
13) Engine Indications	CHECK
14) Suction (Vacuum)	CHECK
15) Ammeter	CHECK
16) Throttle	IDLE CHECK
17) Throttle	1,000 RPM
18) Throttle Friction Lock	SET
19) Mixture	LEAN FOR TAXI

DEPARTURE BRIEFING:	
20) Planned Departure	BRIEF
21) Emergencies	BRIEF
• Engine Failure During T/O • Engine Failure After T/O	
22) Brakes	RELEASE

BEFORE TAKEOFF	
1) Lights	AS REQUIRED
2) Mixture	AS REQUIRED
3) Flaps	0-10°
4) Transponder	ALT

LONG BEACH AIRPORT (KLGB)	
ATIS	127.75
CLEARANCE GROUND	118.15 133.00
TOWER	119.4/120.5
PRACTICE AREA	121.95/122.85

CLIMB	
1) Airspeed	70-85 KIAS
2) Throttle	FULL
3) Mixture	LEAN (>3,000')

CRUISE	
1) Power	SET (21-2700 RPM)
2) Trim	SET
3) Mixture	LEAN
4) Lights	AS REQUIRED

DESCENT	
1) Fuel Selector	BOTH
2) Mixture	ADJUST
3) Power	AS REQUIRED
4) Carb. Heat	AS REQUIRED

BEFORE LANDING	
1) Fuel Selector	BOTH
2) Mixture	AS REQUIRED
3) Carb. Heat	ON
4) Lights	AS REQUIRED
5) Seats/Belts	SECURED
6) Flaps	AS REQUIRED

AFTER LANDING	
1) Carb. Heat	OFF
2) Throttle	1,000 RPM
3) Mixture	LEAN FOR TAXI
4) Flaps	UP
5) Transponder	STANDBY
6) Trim	SET
7) Lights	AS REQUIRED

SHUTDOWN	
1) Brakes	SET OR HOLD
2) Avionics	OFF
3) Elec. Equip. (lights)	OFF
4) Mixture	IDLE CUT-OFF
5) Ignition	OFF & KEYS OUT
6) Master	OFF
7) Control Wheel Lock	INSTALL

PLEASE LEAVE THIS CHECKLIST IN THE AIRPLANE

ENGINE FAILURE DURING TAKEOFF ROLL	
1) Throttle	IDLE
2) Brakes	APPLY
3) Flaps	RETRACT
4) Mixture	IDLE CUT-OFF
5) Ignition Switch	OFF
6) Master Switch	OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF	
1) Airspeed	65 KIAS
2) Mixture	IDLE CUT-OFF
3) Fuel Selector	OFF
4) Ignition Switch	OFF
5) Flaps	AS REQUIRED
6) Master Switch	OFF

ENGINE FAILURE DURING FLIGHT	
1) Airspeed	65 KIAS
2) Carb. Heat	ON
3) Fuel Selector	BOTH
4) Mixture	RICH
5) Primer	IN & LOCKED
6) Ignition Switch	BOTH (START/CRANK - IF PROPELLER IS STOPPED)

IF NO RE-START, EXECUTE "POWER OFF LANDING" CHECKLIST

POWER OFF LANDING	
1) Airspeed	65 KIAS
2) Mixture	IDLE CUT-OFF
3) Fuel Selector	OFF
4) Ignition Switch	OFF
5) Declare Emergency	121.5 - 7700
6) Flaps	AS REQUIRED
7) Master Switch	OFF
8) Doors	UNLATCH
9) Seats & Seatbelts	SECURED
10) Touchdown	SLIGHTLY TAIL LOW
11) Brakes	APPLY HEAVILY

AMMETER SHOWS DISCHARGE (LOW VOLTAGE)	
1) Avionics	OFF
2) Alternator Circuit Breaker	CHECK IN
3) Master Switch	OFF, THEN ON
4) Low Voltage Light	CHECK OFF
5) Avionics	ON

IF LOW-VOLTAGE LIGHT ILLUMINATES:	
6) Alternator	OFF
7) Nonessential Radio & Electrical Equip.	OFF

LAND AS SOON AS PRACTICABLE

ENGINE FIRE DURING IN FLIGHT	
1) Mixture	IDLE CUT-OFF
2) Fuel Selector	OFF
3) Master Switch	OFF
4) Cabin Heat/Air	OFF (EXCEPT FOR TOP VENTS)
5) Airspeed	100 KIAS

LAND AS SOON AS POSSIBLE

ENGINE FIRE DURING START	
1) Ignition	CONTINUE CRANKING
IF ENGINE STARTS	
2) Throttle	1,700 RPM
3) Engine	SHUTDOWN
IF ENGINE DOES NOT START:	
4) Ignition	CONTINUE CRANKING
5) Throttle	FULL OPEN (IN)
6) Mixture	IDLE CUT-OFF
7) Fire Extinguisher	OBTAIN + ACTIVATE
8) Engine	SECURE
• MASTER SWITCH OFF • IGNITION SWITCH OFF • FUEL SELECTOR OFF	
9) Fire	EXTINGUISH
10) Fire Damage	INSPECT

ELECTRICAL FIRE	
1) Master Switch	OFF
2) Avionics	OFF
3) Electrical Equip.	OFF
4) Vents/Heat/Air	OFF & CLOSED
5) Fire Extinguisher	ACTIVATE
AFTER FIRE IS EXTINGUISHED:	
6) Vents/Heat/Air	OPEN (VENTILATE)
7) Master Switch	ON
8) Circuit Breakers	CHECK (DO NOT RESET!)
9) Avionics/Radios	ON (ONE AT A TIME)
10) Elec. Equip.	ON (ONE AT A TIME)

CABIN FIRE	
1) Master Switch	OFF
2) Vents/Heat/Air	CLOSED
3) Fire Extinguisher	ACTIVATE
AFTER FIRE IS EXTINGUISHED:	
4) Vents/Heat/Air	OPEN (VENTILATE)

REFER TO THE POH FOR COMPLETE AND/OR OTHER PROCEDURES.