

Cessna 172N Abbreviated Checklist

Effective: 21 February 2026

PRE FLIGHT	
Chocks/ Pitot Cover	Removed
Required Papers	Onboard, completed, signed
Avionics	OFF
Fuel Quantity	Sufficient
Magnetos	OFF
Mixture Control	Idle Cut-Off
Trim	Check operation/ Set for takeoff
Flaps	Check Operation/ Up
Controls	Full, Free & Correct
Clock	SET
Flights Instruments	Check condition
BEFORE STARTING ENGINE	
Seat, Seatbelts, Harness	Locked/Fasten/Adjust as required
Parking Brake	Reset
Circuit Breakers	Check
Avionics	OFF
Carburettor Heat	OFF
Start Malfunction Brief	Completed
STARTING ENGINE (Completed by memory)	
Fuel Selector	Both
Mixture	Full Rich
Battery Master	ON
Alternator Master	ON
Anti-Collision Light/s	ON/SET
Area	Clear
Prime	0 HOT 3 COLD
Throttle	½ Inch HOT ¼ Inch COLD
Starter	Engage
Throttle	1000RPM
Oil Pressure	Check (Indicating within 30 seconds)
FLOODED START (REFER TO QRH)	
AFTER START	
Alternator	Check positive load
Engine Instruments	Check
Avionics	ON/SET
Flight Instruments	SET/Checked
Gyro Suction	Che
Transponder	CODE/ALT
Taxi Brief	Completed

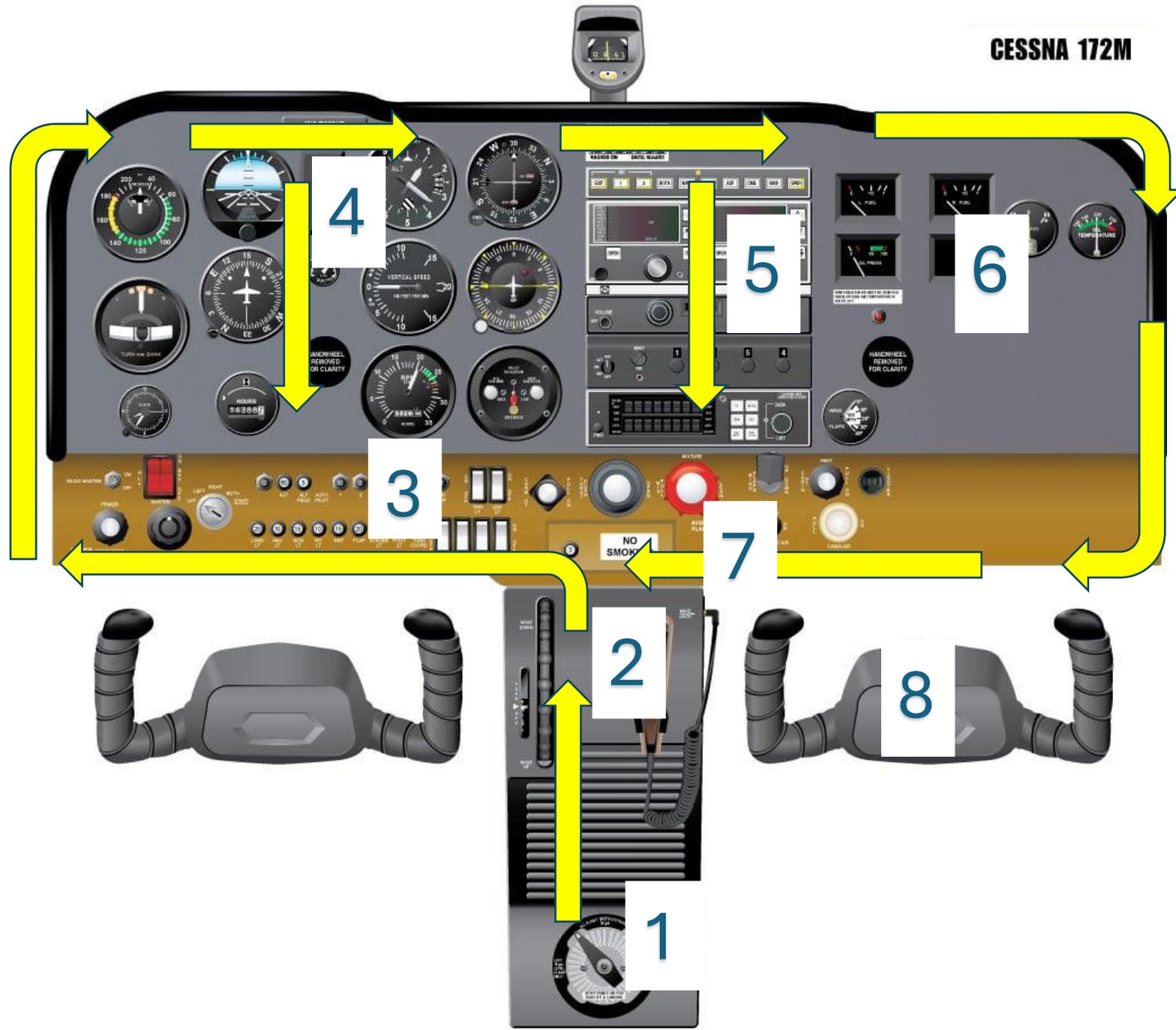
TAXIING	
Mixture	Lean as required
Taxi Area	Clear
Taxi Light	ON
Brakes	Check
Steering	Check
Flight Instruments	Check
RUNUP	
Aircraft Position	Into wind/ Runway direction (If no wind)
Parking Brake	SET
Engine Instruments	Within limits
Throttle	1700RPM
Engine Instruments	Within limits
Gyro Suction	Within limits
Carburettor Heat	Check
Magnetos	Check (125 RPM MAX drop, max DIFF 50RPM)
Alternator Output	Check positive load
Engine Sound	Check
Throttle Idle	Check (600RPM-800RPM) / SET 1000RPM
BEFORE TAKEOFF	
Fuel Selector	Both
Flight Instruments	Check/SET
Primer	Locked
Mixture	Full Rich (Adjust for elevation as required)
Throttle Friction	SET
Carburettor Heat	OFF
Wing Flaps	SET for takeoff
Trim/s	SET for takeoff
Seat Backs	Checked/ Locked
Seat Belts	ON
Controls	Full, Free & Correct
Doors	Latched
Autopilot (If fitted)	Check
Radio/Navaid Frequencies	SET
Departure/ Safety Brief	Completed
Taxi Area	Clear
KEY SPEEDS	
V _R	60 KIAS
V _x	64 KIAS
V _y	78 KIAS
Glide	65 KIAS
Approach	65 KIAS-70 KIAS

LINE UP	
Pitot Heat	As required
Engine Instruments	Within limits
Lights	ON/SET
Windows/Doors	Closed/Latch
Trim/s	Set for takeoff
Transponder	Code/ALT
Altimeter/s	Within tolerance
NORMAL TAKEOFF	
Flaps	UP
Rotate	60KIAS
Acceleration V _y	78KIAS
SHORT FIELD TAKEOFF	
Flaps	10°
Trim/s	SET for takeoff
Brakes	HOLD
<i>Full power before brakes release (Hard surfaces only) accelerate to rotate at 55 KIAS-60 KIAS</i>	
Pitch	Pitch to attain 60KTS until clear of obstacle
Flaps are to remain extended until clear of obstacle/s.	
Flaps	Retract
AFTER TAKEOFF/CLIMB	
Flaps	Up
Engine Instruments	Within limits
Landing Light/s	OFF/ As required
CRUISE	
Throttle	Set
Mixture	Lean as required
QNH	SET
Engine Instruments	Within limits
DESCENT	
Mixtures	Set as required
Throttle	SET
QNH	SET
Engine Instruments	Within limits
Approach Briefing	Completed
Airfield Lighting	As required
PRE LANDING	
Brakes	Check pressure
Undercarriage	Fixed
Mixture	Full rich
Fuel/Fuel Selector	Sufficient/Both
Engine Instruments	Within limits
Lights	ON/SET
Hatch & Harness	Secured
Aerodrome Lighting	As required

AFTER LANDING	
Flaps	Retracted
Radios	SET/Call
Engine Instruments	Within limits
Carburettor Heat	OFF
Lights	As required
Trim/s	Set for takeoff
Transponder	CODE/ALT
SHUTDOWN	
Parking Brake	SET
Throttle	1000RPM
Magnetos	Check drop
Avionics	OFF
Mixture	IDLE Cut off
Throttle	IDLE
Magnetos	OFF
Fuel Selector	LEFT or RIGHT
Anti-Collision Light/s	Leave ON
Battery Master	OFF
Alternator Master	OFF
SARWATCH	Cancelled
SECURING	
Chocks	IN
Pilot Cover	ON
Control lock	IN
Cabin	Cleaned/secured
Windshield	Cleaned
Post Flight Walkaround	Completed
Paperwork	Completed
Faults/Defects	Report
<p>YSBK ATIS: 120.9 YSBK Ground: 119.9 YSBK Tower: 132.8/123.6 YSBK PAL: 125.95 YSBK CTAF: 132.8 World Fuel: 119.1</p> <p>SYD GEN: 124.55 (Training area) /125.8 SYD APP: 135.9 SYD DEP: 130.1/118.4 SYD ATIS: 118.55</p> <p>YSCN ATIS: 125.1 YSCN Ground: 121.9 YSCN Tower: 120.1 YSCN PAL: 120.6 YSCN CTAF: 120.1</p>	

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CESSNA 172M