

Normal Practices

AIRCRAFT ACCEPTANCE	
Fuel Quantity	CHECKED
Control Lock	REMOVE
Master Switch	ON
Flaps	DOWN
Exterior Lights Beacon	CHECKED
Master Switch	OFF
Tach Hobbs	RECORD
Aircraft Documents	CHECKED
BEFORE ENGINE START	
Preflight Inspection	COMPLETE
Doors	CLOSED AND LATCHED
Passenger Briefing	COMPLETE
Seat Belts Harness	ON
Circuit Breakers	CHECKED
Fuel Selector	BOTH
Avionics Master	OFF
ENGINE START	
Master Switch	ON
Beacon	ON
Nav Lights Sunset to Sunrise	ON
Mixture	RICH
Throttle	OPEN 1/8 INCH
Primer	IF REQUIRED 2-4 PUMPS
Propeller Area	CLEAR
Ignition Switch	START
Throttle	1000 RPM
Oil Pressure	CHECKED
Avionics Master	ON
Flaps	UP
Mixture	AS REQUIRED
TAXI	
Weather ATIS AWOS	RECEIVED
Insturments ALT Heading	UPDATED
Radios	SET
Taxi Light	ON
Brakes Steering	CHECKED
BEFORE TAKEOFF	
Parking Brake	SET
Doors Windows	CHECKED
Flight Controls	CHECKED
Trim	SET
Fuel Quantity	CHECKED
Mixture	RICH
Throttle	1700 RPM
Magnetos	Max 150 RPM / 50 Difference
Carb Heat	CHECKED
Suction	CHECKED
Engine Insturments Ammeter	CHECKED
Throttle	IDLE 1000 RPM
Mixture	AS REQUIRED
Flaps	SET
Flight Insturments	SET
Landing Light	ON
Parking Brake	OFF
Departure Briefing	COMPLETE
Open Flight Plan	COMPLETE

CESSNA 172N CHECKLIST

CLIMB		
Flaps	UP	
Taxi Light	OFF	
Mixture	AS REQUIRED	
Engine Gauges	CHECKED	
Airspeed	Vy (73) untill 1000' then 75-80 KIAS	
CRUISE		
Power	2200-2700 RPM	
Mixture	AS REQUIRED	
Landing Light	OFF	
APPROACH WARNBIC		
Weather	IFR VFR	
ATIS ASOS AWOS	OBTAIN	
Radios	SET	
Nav-aids	SET	
Briefing	CONFIRM APPROACH	
Intentions	FS TNG OPTION	
Checklist	COMPLETE	
BEFORE LANDING		
Passenger Briefing	COMPLETE	
Seat Belts Harness	ON	
Fuel Selector	BOTH	
Mixture	AS REQUIRED	
Carb Heat	ON	
Flaps	SET	
Landing Light	ON	
AFTER LANDING		
Landing / Taxi Light	OFF / ON	
Trim	RESET	
Mixture	AS REQUIRED	
Flaps	UP	
Carb Heat	OFF	
Pitot Heat	OFF	
Close Flight Plan	COMPLETE	
SECURING		
Brakes	HOLD	
Taxi Light	OFF	
Avionics Master	OFF	
Throttle	1000 RPM	
Mixture	IDLE CUT-OFF	
Ignition / Keys	OFF / OUT	
Master Switch	OFF	
Tach Hobbs	RECOARD	
Chocks Control Locks Tie Down	SECURE	
Clean Out / Clean Off	SPARKLING	
V-Speeds		
	KIAS (MPH)	KIAS (MPH)
Vr	55 (63)	Vfe 110/85 (127/98)
Vx	59 (68)	Va 80-97 (92-112)
Vy	73 (84)	Vno 128 (147)
Vs	47 (54)	Vne 160 (184)
Vs0	41 (47)	Vgslide 65 (75)

T/O & LANDINGS | EMERGENCY

NORMAL TAKEOFF

Flaps	UP
Carb Heat	OFF
Throttle	FULL
Rotate	55 KIAS
Climb Speed	70-80 KIAS

SHORT FIELD TAKEOFF

Runway	ALL RUNWAY AVAILABLE
Flaps	UP
Brakes	APPLY
Mixture	RICH
Throttle	FULL
Brakes	RELEASE
Rotate	55
Climb Speed	(UNTIL CLEAR OBSTACLE) 59 KIAS

SOFT FIELD TAKEOFF

Runway Entry	ROLL ONTO RUNWAY
Flaps	10°
Mixture	RICH
Yoke	FULL BACK
Throttle	INCREASE TO FULL SLOWLY
As nose comes up relax back pressure WHEELIE	
Rotate	LIFTOFF AT EARLYST AIRSPEED
Lower nose to stay in ground effect and gain speed	
Climb	73 KIAS

NORMAL LANDING

Approach Speed Flaps UP	60-70 KIAS
Airspeed Flaps DOWN	55-65 KIAS
Touchdown	MAINS FIRST NOSE GENTLY
Brake	MINIMUM REQUIRED

SHORT FIELD LANDING

Approach Speed Flaps UP	60-70 KIAS
Final Speed Flaps DOWN	40° 60 KIAS
Throttle	IDLE AFTER OBSTICAL
Touchdown	MAINS FIRST NOSE
Brake	SLOWLY APPLY HEAVILY
Flaps	UP

SOFT FIELD LANDING

Approach Speed Flaps UP	60-70 KIAS
Final Speed Flaps DOWN	55-65 KIAS
Throttle	IDLE RUNWAY ASSURED
In flair add 100-200 RPM Hang plane off the propeller	
Touchdown	MAINS SOFTLY
Yoke	INCREASE BACK PRESSURE
Keep nose up on ground roll WHEELIE	
Nose wheel will slowly settle	
Brakes	NONE



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CESSNA 172N CHECKLIST

ENGINE FAILURE DURING TAKEOFF ROLL

Throttle	IDLE
Brakes	APPLY
Flaps	RETRACT
Mixture	IDLE CUT-OFF
Fuel Selector	OFF
Ignition	OFF
Master Switch	OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	65 KIAS
Mixture	IDLE CUT-OFF
Fuel Selector	OFF
Ignition	OFF
Flaps	AS REQUIRED
Master Switch	OFF

ENGINE FAILURE IN FLIGHT

Airspeed Best Glide	65 KIAS
Best Place to Land	FIND
Checklist Flow	
Fuel Selector	OFF
Mixture	AS REQUIRED
Carb Heat	ON
Fuses	CHECK
Ignition	ON BOTH
Primer	CHECK

NO RESTART | FORCED LANDING IS NECESSARY

Declare Emergency	FREQUENCY 121.5
Sqwak Code	7700
Execute Emergency Landing	
Passenger Briefing	COMPLETE
Mix Mags Fuel Selector	OFF
Flaps	AS REQUIRED
Master Switch	OFF
Seatbelts Harness	SECURE
Objects Cargo	STOW
Doors	AJAR

ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel Selector	OFF
Vent Heat Air	CLOSED
Airspeed	100 KIAS

If fire is not extinguished,

increase glide speed to provide an incombustible mixture	
Forced Landing	EXECUTE
SEE ENGINE FAILURE IN FLIGHT: NO RESTART	

ELECTRICAL FIRE IN FLIGHT

Ignition	ON
Master Switch	OFF
Radios Equipment All Switches	OFF
Vent Heat Air	CLOSED
Fire Extinguisher	ACTIVE
Cabin	VENTILATE
If fire appears out and electrical power is required for flight	
Master Switch	ON
Circuit Breakers	DON'T RESET CHECK
Radios Equipment All Switches	ON
(One at a time to localize short circuit)	
Vent Heat Air	OPEN