

N941TW CESSNA 172P Home Field Checklist

BEFORE START		RUN UP		BEFORE LANDING	
Pre-flight	COMPLETE	Brakes	HOLD	Hdng Indicator	SET
Passenger Briefing	DONE	Flt Controls	FREE-CORRECT	Auto-Pilot	OFF
Parking Brake	OFF	Elev / Rudder Trim	SET	Altimeter	SET
Seatbelts / Harnesses	ON	Fuel Selector	BOTH	Heading Bug	SET TO RWY
Doors / Windows	LOCKED	Mixture	RICH	Landing Light	ON
Fuel Selector	BOTH	Throttle	1700 RPM	Primer	IN / LOCKED
Circuit Breakers	CHECK	Magnetos	125 / 50	Mixture	RICH
Avionics Master	OFF	Carb Heat	ON/CHECK/OFF	Carb Heat	ON
Electrical Switches	OFF	Ammeter	CHECKED	Fuel Selector	BOTH
Beacon Light	ON	Low Volt Warning Light	OUT	Seat Belts	CHECKED
		Fuel / Eng Gauges	CHECKED	Cntl Twr / CTAF	CONTACT
STARTING		Vacuum Gauge	CHECKED	Flaps	Set
Carb Heat	OFF	Throttle	IDLE / 1000 RPM	Appr Speed	65 -75 KTS
Mixture	IN / RICH	Flight Instruments	SET	CLEAR OF RUNWAY	
Prime	AS NEEDED	GPS / Com / Nav Radios	SET	Throttle	1000 RPMs
Primer	IN - LOCKED	Flaps	SET	Carb Heat	OFF
Throttle	OPEN 1/4 INCH	Heading Bug	SET TO RWY	Transponder	1200 STBY
Master Switch	ON	Seatbelt/Harness	CHECKED	Taxi Light (Day)	AS REQ
Brakes	HOLD	Doors / Windows	SECURE	Landing Light	OFF
Prop Area	CLEAR	Parking Brake	RELEASED	Strobes	OFF
Starter	ENGAGED	Landing Light	ON	Mixture	LEAN
Throttle	1000 RPM	Strobes	ON	Flaps	UP
Oil Pressure	CHECK	Transponder	ALT	Trim	TAKE OFF
Vacuum Pressure	CHECK	Auto-Pilot	OFF	Contact Ground	121.9
Ammeter	NORMAL	Cntl Tower / CTAF	119.7	SHUT DOWN	
BEFORE TAXI		CLIMB OUT		Throttle	IDLE
Avionics	ON	Power	SET	Avionics	OFF
ATIS / AWOS	124.7	Gauges	CHECKED	Mixture	CUT OFF
Heading Indicator	SET	Flaps	UP	Ignition Switch	OFF
Altimeter	SET	Climb Speed	70 - 80 KTS	All Electrical	OFF
Transponder	1200 & ALT	TRIM	SET	Master Switch	OFF
Taxi / Nav Lights	AS NEEDED	CRUISE		Record Tach - HOBBS Time	
Flaps	UP	Cruise Power	SET	Control Lock	IN
Contact Ground	121.9	Mixture (Above 3000)	LEAN	Keys	IN BOOK
Mixture	LEAN	Gauges	CHECKED	Secure windows - equip.	
Brakes	CHECK	Heading Indicator	SET	Chocks / Tie Dwns	INSTALL

EMERGENCY PROCEDURES / INFO

ENGINE TROUBLESHOOT		ENGINE FIRE IN FLIGHT		AFTER ELECTRICAL FIRE	
Airspeed	65KTS	Fuel Selector	OFF	If Electrical Power Needed	
Fuel Selector	BOTH	Mixture	IDLE CUT-OFF		
Mixture	RICH	Master Switch	OFF		
Throttle	HALF OPEN	Vents / Cabin Heat	OFF		
Carb Heat	ON	If Fire Persists		Avionics Switch	OFF
Primer	IN / LOCK	Airspeed	158 KIAS	All Other Switches	OFF
Ignition	CYCLE/BOTH			Master Switch	ON
				Circuit Brkrs	DO NOT RESET
				Avionics Switch	ON
ENGINE SECURE		ELECTRIC FIRE IN FLIGHT		Elec Switches ON (one at a time)	
Fuel Selector	OFF	Master Switch	OFF	Ventilation	OPEN (CLOSE)
Mixture	IDLE CUT-OFF	Vent / Cabin Heat	OFF	C 172P AIRSPEEDS KIAS	
Throttle	CLOSED	If Fire Persists		Emergency Descent	158
Carb Heat	OFF	Airspeed	158 KIAS	Best Glide	65
Master / Ignition	OFF	ELECTRICAL FAULTS		VA	99-82
EMERGENCY LANDING		Excessive Rate of Charge		VNE	158
Airspeed	65 KTS	Alternator Switch	OFF	VNO	127
Bug / head to landing area		Alt Circuit Breaker	OPEN	VSO	33
Transponder	7700 Ident	Non-Essential Equip.	OFF	VS	44
Declare emgency	121.5 - ATC	Low Votage Warning Light - Ammeter Discharge		VX	60
Master Switch	OFF			VY	78
Doors Latches	OPEN	Alt Circuit Breaker	CHECKED	VFE 10 Deg.	110
ENGINE FIRE - AT START		Master Switch	CYCLED	VFE 30 Deg.	85
If Engine has not started		Amp Meter	CHECKED	Rotation	55
Cranking	CONTINUE	Low Voltage Warning Light Still On		Take Off	70-80
Mixture	IDLE CUT-OFF			Cruise Climb	70-85
Throttle	OPEN	Alternator Switch	OFF	Normal Approach	60-70
If Engine starts		Alt Circuit Breaker	OPEN	No Flap Approach	65-75
Throttle	1700 RPM	Non-Essential Equip.	OFF	Short Field Landing	60
Mixture	IDLE CUT-OFF	Land as soon as practicable		Max Crosswind	15
Fuel Selector	OFF				
Master / Ignition	OFF				
LGHT GUN SGNLS		ON GROUND		IN FLIGHT	
Steady Green		Cleared for Takeoff		Cleared to Land	7700 - General Emergency
Flashing Green		Clear to Taxi		Return to Land	7600 - Radio Failure
Steady Red		STOP		Give Way	7500 - Hijack
Flashing Red		Taxi Clear of Runway		Do Not Land	Emergency Frequency 121.5
Alt. Red & Green		Use Caution		Use Caution	

N941TW CESSNA 172P PRE-FLIGHT CHECK LIST

INITIAL CABIN CHECK

A-R-O-W	CHECK
HOBBS Meter - Beginning Reading	RECORD
TACH - Beginning Reading	RECORD
Control Lock	REMOVE
Ignition Switch	OFF
Electrical Switches	OFF
Fuel Selector Valve	BOTH
Elevator Trim	NEUTRAL
Rudder Trim	NEUTRAL
Alternate Static Control	CLOSED / OFF
Master Switch (check to ensure prop is clear)	ON
Amp Meter	CHECK
Fuel Quantity Indicator	CHECK
Instrument Lights Reostat (Night Flight)	CHECK
Auto-Pilot On/Off Switch	OFF
Flaps	30deg
Exterior Lights (Nav, Beacon, Landing and Taxi)	ON
Pitot Heat	ON

EXTERIOR LIGHTS and PITOT HEAT CHECK

Left Wing Nav Lights	CHECK
Beacon Light	CHECK
Rear Nav Light	CHECK
Right Wing Nav Light	CHECK
Landing and Taxi Lights	CHECK
Pitot Heat	CHECK
Exterior Lights (Nav, Beacon, Landing and Taxi)	OFF
Pitot Heat	OFF
Master Switch	OFF

EXTERIOR INSPECTION

Empennage

Aircraft left side skin	CHECK
Elevator / Control Surface	CHECK
Tie Down	REMOVE
Rudder / Control Surface	CHECK
VOR / GS Antenna	CHECK
Elevator Trim Tab	CHECK
Aircraft right side skin	CHECK
ELT / Other Antennas	CHECK

EXTERIOR INSPECTION (Continued)

Fuselage (right side)

Door, Door Closure/Lock	CHECK
Window, Window Closure/Lock	CHECK
Main Tire, Brakes and Brake Line	CHECK
Wing Leading Edge, Air Vents, Stall Warning Opening	CHECK
Wing, Flaps and Aileron	CHECK
Wing Fuel Tank Sump	SAMPLE
Fuel Tank Level Manual Verification	CHECK
VHF Antenna, Fuel Tank Filler Cap	CHECK
Wing Tie Down	REMOVE

Nose

Engine Oil Level 5qts Min-7qts Max	CHECK
Fuel Strainer (inside engine compartment)	SAMPLE
Propeller / Spinner	CHECK
Air Intakes / Alternator Belt / Ring Gear - Starter Teeth	CHECK
Carborator Air Filter	CHECK
Landing / Taxi Lights Secure	CHECK
Nose Strut / Linkage and Nose Wheel/Tire	CHECK

Fuselage (left side)

Static Port	CHECK
Door, Door Closure/Lock	CHECK
Window, Window Closure/Lock	CHECK
Main Tire, Brakes and Brake Line	CHECK
Wing Leading Edge, Air Vents, Stall Warning Opening	CHECK
Wing, Flaps and Aileron	CHECK
Wing Fuel Tank Sump	SAMPLE
Fuel Tank Level Manual Verification	CHECK
VHF Antenna, Fuel Tank Filler Cap	CHECK
Wing Tie Down	REMOVE

FINIAL WALK AROUND

Tire Chocks	REMOVE
Nose / Main Tires Bare Spots	CHECK
Lugage Compartment Contents and Door Secure	CHECK
Tie downs, chocks, control surface locks removed	VERIFIED

Checklist Continues on Other Side