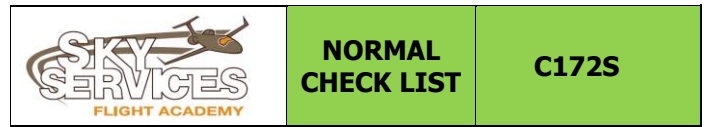


**NORMAL
CHECK LIST**

C172S

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**NORMAL
CHECK LIST**

C172S

PREFLIGHT INSPECTION

DOCUMENTS & P.O.M	ON BOARD
LANDING GEAR LEVER	DOWN
CONTROL WHEEL LOCK	REMOVE
IGNITION SWITCH	OFF
AVIONICS POWER SWITCH	OFF
MASTER SWITCH	ON
FUEL QUANTITY GAUGES	CHECK QUANTITY
AVIONIC COOLING FAN	CHECK AUDIBLY FOR OPERATION
MASTER SWITCH	OFF
FUEL SELECTOR VALVE	BOTH
STATIC PRESSURE ALTERNATE SOURCE VALVE	OFF
BAGGAGE DOOR	CHECK FOR SECURITY

EMPENNAGE

RUDDER GUST LOCK	REMOVE
TAIL TIE DOWN	DISCONNECT
CONTROL SURFACES	CHECK freedom of movement & security
RIGHT WIND Trailing Edge	
AILERON	CHECK freedom of movement & security

RIGHT WIND

WING TIE DOWN	DISCONNECT
MAIN WHEEL TIRE	CHECK for proper inflation
FUEL QUANTITY	CHECK VISUALLY for desired level
FUEL FILLER CAP	SECURE & vent unobstructed

NOSE

STATIC SOURCE OPENINGS (both sides of fuselage)	CHECK for stoppage
ENGINE OIL LEVEL	CHECK
PROPELLER and SPINNER	CHECK for nicks, security & oil leaks.
LANDING LIGHTS	CHECK for condition & cleanliness
NOSE GEAR DOORS	CHECK for security
NOSE WHEEL STRUT and TIRE	CHECK for proper inflation
NOSE TIE DOWN	DISCONNECT

LEFT WING

MAIN WHEEL TIRE	CHECK for proper inflation
FUEL QUANTITY	CHECK VISUALLY for desired level
FUEL FILLER CAP	SECURE

LEFT WING Leading Edge

PITOT TUBE COVER	REMOVE and check opening for stoppage
FUEL TANK VENT OPENING	CHECK for stoppage
STALL WARNING VANE	CHECK for freedom of movement while MASTER SWITCH is momentarily turned ON
WING TIE DOWN	DISCONNECT

LEFT WING Trailing Edge

AILERON	CHECK for freedom of movement and security
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PRE FLIGHT INSPECTION CHECK LIST

COMPLETED

BEFORE STARTING ENGINE

PREFLIGHT INSPECTION	COMPLETE
SEATS, SEAT BELTS, SHOULDER HARNESSSES	ADJUST & LOCK
FUEL SELECTOR VALVE	BOTH
AVIONICS POWER SWITCH	OFF
ELECTRICAL EQUIPMENT	OFF
AUTOPILOT	OFF
BRAKES	TEST & SET
COWL FLAPS	OPEN
LANDING GEAR LEVER	DOWN
CIRCUIT BREAKERS	CHECK IN

BEFORE STARTING ENGINE CHECK LIST

COMPLETED

ENGINE STARTING

MIXTURE	RICH
PROPELLER	HIGH RPM
CARBURATOR HEAT	COLD
THROTTLE	PUMP & OPEN 1/4 "
MASTER SWITCH	ON
BEACON LIGHT	ON
PROPELLER AREA	CLEAR
IGNITION SWITCH	START
OIL PRESSURE	CHECK
AVIONICS POWER SWITCH	ON
RADIOS	ON

ENGINE STARTING CHECK LIST

COMPLETED

BEFORE TAKEOFF

PARKING BRAKE	SET
CABIN DOORS	CLOSED & LOCKED
FLIGHTS CONTROLS	FREE & CORRECT
FLIGHT INSTRUMENTS	SET
ELEVATOR AND RUDDER TRIM	TAKEOFF
FUEL SELECTOR VALVE	BOTH
AUX. FUEL PUMP	ON (check Fuel Pressure rise) then OFF.
THROTTLE	1800 RPM
MIXTURE	RICH (below 3000 feet)
L & R MAGNETOS DROP	150 MAX 50MAX DIFF.
PROPELLER	CYCLE HIGH-LOW/ RETURN HIGH
CARBURATOR HEAT	CHECK (for RPM Drop)
ENGINE IN STR. & AMMETER	CHECK
SUCTION GAGE	CHECK
THROTTLE	1000 RPM or less
RADIOS	SET
AUTOPILOT	OFF
STROBE LIGHTS	AS DESIRED
THROTTLE FRICTION LOCK	ADJUST
PARKING BRAKE	RELEASE

BEFORE TAKEOFF CHECK LIST

COMPLETED

TAKEOFF

NORMAL TAKE OFF

FLAPS	0°
CARBURATOR HEAT	COLD
POWER	FULL THROTTLE & 2700 RPM
ELEVATOR CONTROL	LIFT NOSE WHEEL at 55 KIAS
CLIMB SPEED	70-80 KIAS
BRAKES	APPLY momentarily after takeoff
LANDING GEAR	RETRACT in climb out
LANDING LIGHT	ON

NORMAL TAKEOFF CHECK LIST


COMPLETED

SHORT FIELD TAKE OFF

FLAPS	0°
CARBURATOR HEAT	COLD
BRAKES	APPLY
POWER	FULL THROTTLE & 2700 RPM
BRAKES	RELEASE
ELEVATOR CONTROL	MAINTAIN SLIGHTLY TAIL LOW ATTITUDE
CLIMB SPEED	63 KIAS after all obstacles are cleared
BRAKES	APPLY momentarily after takeoff
LANDING GEAR	RETRACT after all obstacles are cleared
LANDING LIGHT	ON

SHORT FIELD TAKEOFF CHECK LIST

COMPLETED

	NORMAL CHECK LIST	C172S
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ENROUTE CLIMB

NORMAL CLIMB

AIRSPPEED	85-95 KIAS
POWER	25" Hg MAP/2500 RPM
FUEL SELECTOR VALVE	BOTH
MIXTURE	FULL RICH (Lean above 3000 ft)
COWL FLAPS	OPEN (As required)
ENROUTE CLIMB CHECK LIST	COMPLETED

MAXIMUM PERFORMANCE CLIMB

AIRSPPEED	84 KIAS at SL; 77 at 10000 Ft
POWER	FULL THROTTLE/2700 RPM
FUEL SELECTOR VALVE	BOTH
MIXTURE	FULL RICH (Lean above 3000 ft)
COWL FLAPS	FULL OPEN
MAX PERF CLIMB CHECK LIST	COMPLETED

CRUISE

POWER	15-25" Hg MAP/2100-2700 RPM
ELEVATOR & RUDDER TRIM	ADJUST
MIXTURE	LEAN
COWL FLAPS	CLOSED
CRUISE CHECK LIST	COMPLETED

DESCENT

FUEL SELECTOR VALVE	BOTH
POWER	AS DESIRED
CARBURATOR HEAT	FULL HEAT AS REQUIRED
MIXTURE	ENRICHEN as required
COWL FLAPS	CLOSED
WING FLAPS	AS DESIRED 0-10° below 130 KIAS 10-30° below 100 KIAS
COWL FLAPS	CLOSED
LANDING GEAR	EXTEND below 140 KIAS
DESCENT CHECK LIST	COMPLETED


BEFORE LANDING

SEATS, SEAT BELTS & SHOULDER HARNESS	ADJUST & LOCK
FUEL SELECTOR VALVE	BOTH
LANDING GEAR	DOWN (below 140 KIAS)
LANDING GEAR	OBSERVE MAIN LDG GEAR & GREEN LIGHT ON
MIXTURE	RICH
CARBURATOR HEAT	ON (Apply full before closing throttle)
PROPELLER	HIGH RPM
AUTOPILOT	OFF
BEFORE LANDING CHECK LIST	COMPLETED

LANDING

NORMAL LANDING

AIRSPPEED	65-75 KIAS (Flaps UP)
WING FLAPS	AS DESIRED 0-10° below 130 KIAS 10-30° below 100 KIAS
AIRSPPEED	60-70 KIAS (Flaps DOWN)
TRIM	ADJUST
TOUCHDOWN	MAIN WHEELS FIRST
LANDING ROLL	LOWER NOSE GEAR GENTLY
BRAKING	MINIMUM REQUIRED
NORMAL LANDING CHECK LIST	COMPLETED

	NORMAL CHECK LIST	C172S
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SHORT FIELD LANDING

AIRSPPEED	65-75 KIAS (Flaps UP)
WING FLAPS	30° below 100 KIAS
AIRSPPEED	MAINTAIN 63 KIAS
TRIM	ADJUST
POWER	IDLE as all obstacles are cleared
TOUCHDOWN	MAIN WHEELS FIRST
BRAKES	APPLY HEAVILY
WING FLAPS	RETRACT for maximum braking effectiveness
SHORT FIELD LANDING CHECK LIST	COMPLETED

BALKED LANDING

POWER	FULL THROTTLE/2700 RPM
CARBURATOR HEAT	COLD
WING FLAPS	RETRACT TO 20°
CLIMB SPEED	55 KIAS
WING FLAPS	RETRACT SLOWLY UNTIL REACHING 65 KIAS
COWL FLAPS	OPEN
BALKED LANDING CHECK LIST	COMPLETED

AFTER LANDING

WING FLAPS	UP
CARBURATOR HEAT	COLD
COWL FLAPS	OPEN
AFTER LANDING CHECK LIST	COMPLETED

SECURING AIRPLANE

PARKING BRAKE	SET
THROTTLE	1000 RPM
AVIONICS POWER SWITCH & ELECTRICAL EQUIPMENT	OFF
MIXTURE	IDLE CUT - OFF
THROTTLE	CLOSE as RPM drops
IGNITION SWITCH	OFF
MASTER SWITCH	OFF
CONTROL LOCK	INSTALL
FUEL SELECTOR VALVE	RIGHT
SECURING AIRPLANE CHECK LIST	COMPLETED

NOTE: Le voci trascritte in grassetto e con carattere più grande sono da intendersi **MEMORY ITEM**

This Check List is compliant to Section 4 – Normal Procedure of the PILOT'S OPERATING HANDBOOK & AIRPLANE FLIGHT MANUAL CESSNA AIRCRAFT COMPANY – WICHITA - KANSAS

Sky Services Flight Academy