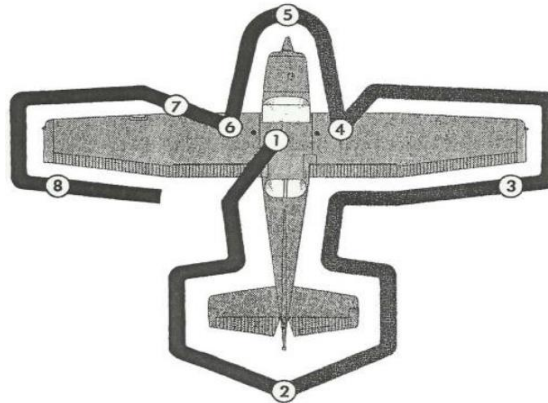


PREFLIGHT INSPECTION



AIRCRAFT DOCUMENTATION

AIRWORTHINESS CERTIFICATE	ON BOARD
REGISTRATION CERTIFICATE	ON BOARD
WEIGHT AND BALANCE MANIFES	ON BOARD
FIAM/FEV	ON BOARD
RADIO LICENCE	ON BOARD
RETA INSURANCE	ON BOARD
NSCA 3-13	ON BOARD
AIRCRAFT POH	ON BOARD
CHECKLISTS	ON BOARD

CABIN

PITOT COVER	REMOVE
DOCUMENTS	CHECK ON BOARD
FLIGHT CONTROL LOCK	REMOVED
MAGNETOS	OFF
AVIONICS MASTER	OFF
MASTER SWITCH	ON
FUEL QUANTITY	CHECK Qty. / AND LIGHTS
AVIONICS MASTER	ON
AVIONICS COOLER	CHECKED
AVIONICS MASTER	OFF
ALTERNATE STATIC AIR	CLOSED
ANNUNCIATOR PANEL	CHECKED
FUEL SELECTOR	BOTH
FUEL SHUTOFF VALVE	ON (PUSH FULL IN)
FLAPS	EXTENDED
PITOT HEAT (COLD WX OPS)	CHECK
MASTER SWITCH	OFF
ELEVATOR TRIM	SET FOR TAKE OFF
FIRE EXTINGUISHER	CHECKED

LEFT SIDE FUSELAGE

LUGGAGE DOOR	CHECKED/CLOSED
GENERAL CONDITION	CHECKED

EMPENNAGE

VERTICAL & HORIZONTAL ESTAB	CHECKED
TAIL TIE-DOWN	UNTIED
CONTROL SURFACES	FREE/CHECKED
LIGHTS	CHECKED
ANTENNAS	CHECKED

RIGHT SIDE FUSELAGE	
GENERAL CONDITION	CHECKED
ANTENNAS	CHECKED
RIGHT SIDE WING	
WING	CHECKED
RIGHT AILERON AND FLAP	CHECKED
LIGHTS	CHECKED
FUEL QUANTITY	CHECKED
FUEL CAP AND VENT	SECURE AND UNOBSTRUCTED
WING TIES	REMOVED
RIGHT SIDE LANDING GEAR	
LANDING GEAR	CHECKED
TIRE	CHECKED
BRAKES	CHECKED
ENGINE	
GENERAL CONDITION	CHECKED
OIL	CHECKED
SAE50 / W100 - MINIMUM 6,0 US QUARTS MAXIMUM 7,5 US QUAR	
PROPELLER AND SPINNER	CHECKED
ENGINE AIR INLET	UNOBSTRUCTED
AIR FILTER	CHECKED
STATIC SOURCE	CHECKED
NOSE WHEEL LANDING GEAR	
LANDING GEAR	CHECKED
TIRE	CHECKED
LEFT SIDE WING	
FUEL QUANTITY	CHECKED
FUEL CAP AND VENT	CHECKED
STALL WARNING	CHECKED
WING	CHECKED
LIGHTS	CHECKED
LEFT AILERON AND FLAP	CHECKED
PITOT COVER	CHECK REMOVED
WING TIES	REMOVED
LEFT SIDE LANDING GEAR	
LANDING GEAR	CHECKED
TIRE	CHECKED
BRAKES	CHECKED
DRAINS	
RIGHT WING FUEL TANKS	DRAINED
LEFT WING FUEL TANKS	DRAINED
FUEL FILTER	DRAINED
FUEL LINES	DRAINED
CHOCKS	
CHOCKS	REMOVED
MINIMUM FUEL	
DAYLIGHT LOCAL FLIGHT	A+B+35 LITERS
NIGHTLIGHT LOCAL FLIGHT	A+B+50 LITERS
ROUTE FLIGHT VFR	A+B+C+30 MINUTES
ROUTE FLIGHT IFR	A+B+C+60 MINUTES
OVERNIGHT EQUIPAMENT	
CHOCKS	ON BOARD
WING TIES	ON BOARD
COVERS	ON BOARD



CHECKLIST PR-BSG



NORMAL PROCEDURES

BEFORE START

PREFLIGHT INSPECTION	COMPLETE
SEATS & SEATBELTS	ADJUSTED & FASTENED
SHUTOFF VALVE	CLOSED (PUSH FULL IN)
FUEL SELECTOR	BOTH
CIRCUIT BRAKERS	CHECK IN
ALTIMETER	SET QNH
ELECTRICAL EQUIPMENT	OFF
ATIS & CLEARANCE	COPY
BRIEFING	PERFORM
DOORS	CLOSED

CLEARED FOR START

MASTER	ON
BEACON LIGHT	ON
THROTTLE	1/4 INCH
MIXTURE	RICH
FUEL PUMP	ON/OFF
MIXTURE	CUT OFF
PROPELLER AREA	CLEAR
START	IGNITION
MIXTURE	ADVANCE TO RICH

AFTER START

ENGINE INSTRUMENTS	CHECKED
AVIONICS MASTER	ON
ELECTRICAL SWITCHES	ON
NAVIGATION LIGHTS	AS REQUIRED
FLAPS	SET
ELEVATOR TRIM	SET
FLIGHT CONTROLS	FREE AND CORRECT
FLIGHT DECK PREPARATION	COMPLETED

BEFORE TAKEOFF

BRAKES	CHECKED
STEERING/COMPASS/TURN IND.	CHECKED
FUEL QUANTITY	CHECKED
FUEL SELECTOR VALVE	BOTH
MAGNETOS	CHECKED AND BOTH
ENGINE INSTRUMENTS	CHECKED
VACCUM GAUGE	CHECKED
AMMETER	CHECKED
ANNUNCIATOR PANEL	CHECKED
IDLE	CHECKED
TAKEOFF BRIEFING	REVIEWED

CLEARED FOR TAKEOFF	
CABIN CHECK	CHECKED
LIGHTS	ON
MIXTURE	FULL RICH
TRANSPONDER	ON/ALT
AFTER TAKEOFF	
FLAPS	RETRACTED
THROTTLE	SET
LIGHTS	OFF
ENGINE INSTRUMENTS	CHECKED
CRUISE	
THROTTLE	SET
MIXTURE	LEANED
ENGINE INSTRUMENTS	CHECKED
ALTIMETER SETTING	SET STD / QNH
DESCENT	
APPROACH BRIEFING AND PREP	COMPLETED
SEATS & SEATBELTS	ADJUSTED & FASTENED
FUEL SELECTOR	BOTH
APPROACH	
ALTIMETER	QNH SET 10__ hPa
MIXTURE	ADJUSTED
LANDING	
AUTOPILOT	OFF
MIXTURE	RICH
LIGHTS	ON
FLAPS	SET
AFTER LANDING	
FLAPS	RETRACTED
TRANSPONDER	STAND BY
LANDING / STROBE LIGHTS	OFF
ELEVATOR TRIM	NEUTRAL
MIXTURE	ADJUSTED
SHUTDOWN	
TAXI / NAVIGATION LIGHTS	OFF
ELECTRICAL SWITCHES	OFF
AVIONICS MASTER	OFF
MIXTURE	CUT OFF
THROTTLE	IDLE
MAGNETOS	OFF
BEACON LIGHTS	OFF
MASTER SWITCH	OFF
SECURE	
SEATS & SEATBELTS	ADJUSTED & FASTENED
FLIGHT CONTROL LOCK	INSTALL
CHOCKS	PLACED
PITOT TUBE COVER	INSTALL
ENGINE INLET COVER	INSTALL
DOCUMENTS	REMOVED
CLEAN	PERFORMED
REV 06 - 24/003/2023	
Cessna 172 SP - PR-BSG Serial Number 172S58256	



CHECKLIST

PR-BSG



EMERGENCY PROCEDURES

ENGINE FAILURE DURING TAKEOFF ROLL

THROTTLE	IDLE
BRAKES	APPLY
WING FLAPS	RETRACT
MIXTURE	IDLE CUT OFF
IGNITION SWITCH	OFF
MASTER SWITCH	OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

WING FLAPS UP	70 KIAS
WING FLAPS DOWN	65 KIAS
MIXTURE	IDLE CUT OFF
FUEL SHUTOFF VALVE	OFF
IGNITION SWITCH	OFF
WING FLAPS	AS REQUIRED
MASTER SWITCH	OFF
CABIN DOOR	UNLATCH
LAND	STRAIGHT AHEAD

ENGINE FAILURE DURING FLIGHT

AIRSPEED	68 KIAS
FUEL SHUTOFF VALVE	ON
FUEL SELECTOR VALVE	BOTH
AUXILIARY FUEL PUMP SWITCH	ON
MIXTURE	RICH
IGNITION SWITCH	BOTH/START
AUXILIARY FUEL PUMP SWITCH	OFF

EMERGENCY LANDING WITHOUT ENGINE POWER

PASSENGER SEAT BACKS	MOST UPRIGHT POSITION
SEATS AND SEAT BELTS	SECURE
WING FLAPS UP	70 KIAS
WING FLAPS DOWN	65 KIAS
MIXTURE	IDLE CUT OFF
FUEL SHUTOFF VALVE	OFF
IGNITION SWITCH	OFF
WING FLAPS	AS REQUIRED
MASTER SWITCH	OFF
DOORS	UNLATCH PRIOR TO TOUCHDOWN
TOUCHDOWN	SLIGHTLY TAIL LOW
BRAKES	APPLY HEAVILY

PRECAUTIONARY LANDING WITH ENGINE POWER

PASSENGER SEAT BACKS	MOST UPRIGHT POSITION
SEATS AND SEAT BELTS	SECURE
AIRSPEED / FLAPS	65 KIAS / 20°
SELECTED FIELD	FLY OVER
AVIONICS MASTER SWITCH	OFF
ELECTRICAL SWITCHES	OFF
WING FLAPS	30°
AIRSPEED	65 KIAS
MASTER SWITCH	OFF
DOORS	UNLATCH PRIOR TO LAND
TOUCHDOWN	SLIGHTLY TAIL LOW
IGNITION SWITCH	OFF
BRAKES	APPLY HEAVILY

DITCHING

RADIO	MAYDAY 121.5MHz
TRANSPONDER	7700
HEAVY OBJECTS	SECURE OR JETTISON
PASSENGER SEAT BACKS	MOST UPRIGHT POSITION
SEATS AND SEAT BELTS	SECURE
WING FLAPS	20° TO 30°
POWER	300 FT/MIN AT 55 KIAS
IF NO POWER AVAILABLE	70 KIAS
CABIN DOORS	UNLATCH
ELT	ACTIVATE

FIRE DURING START ON GROUND	
IGNITION SWITCH	START/CONTINUE CRANKING
IF ENGINE STARTS	
POWER	1800 RPM
ENGINE	SHUTDOWN
IF ENGINE FAILS TO START	
THROTTLE	FULL OPEN
MIXTURE	IDLE CUT OFF
CRANKING	CONTINUE
FUEL SHUTOFF VALVE	OFF
AUXILIARY FUEL PUMP SWITCH	OFF
FIRE EXTINGUISHER	USE
ENGINE	SECURE
MASTER SWITCH	OFF
IGNITION SWITCH	OFF
ENGINE FIRE IN FLIGHT	
MIXTURE	IDLE CUT OFF
FUEL SHUTOFF VALVE	OFF
AUXILIARY FUEL PUMP SWITCH	OFF
MASTER SWITCH	OFF
CABIN HEAT AND AIR	OFF
AIRSPEED	100 KIAS OR MORE
FORCED LANDING	EXECUTE
ELECTRICAL FIRE IN FLIGHT	
MASTER SWITCH	OFF
VENTS / CABIN AIR / HEAT	CLOSED
FIRE EXTINGUISHER	USE
AVIONICS MASTER SWITCH	OFF
ELECTRICAL LOAD	REDUCED
SCERTAINING THAT FIRE HAS BEEN EXTINGUISHED, VENTILATE THE CAB	
MASTER SWITCH	ON
CIRCUIT BREAKERS	CHECK FOR FAULTY DO NOT RESET
RADIO SWITCHES	OFF
AVIONICS MASTER SWITCH	ON
RADIO/ELECTRICAL SWITCHES	ON ONE AT A TIME
CABIN FIRE	
MASTER SWITCH	OFF
VENTS / CABIN AIR / HEAT	CLOSED
FIRE EXTINGUISHER	USE
WING FIRE	
LANDING / TAXI LIGHTS SWITCHES	OFF
NAVIGATION LIGHT SWITCH	OFF
STROBE LIGHT SWITCH	OFF
PITOT HEAT SWITCH	OFF
ICING CONDITION	
PITOT HEAT SWITCH	ON
ALTITUDE OR FLIGHT LEVEL	DESCENT
FLAPS	MAINTAN RETRACTED
LAND AT THE NEAREST SUITABLE AIRPORT	
AUTO PILOT / AUTOPILOT TRIM / MANUAL ELECTRIC TRIM	
CONTROL WHEEL	GRASP FIRMLY
A/P DISC/TRIM INT SWITCH	PRESS AND HOLD
RE TRIM	MANUALLY
AUTOPILOT CIRCUIT BRAKER	DISCONNECT MANUALLY
STATIC SOURCE BLOCKAGE	
STATIC PRESSURE ALTERNATE SRC VAL	PULL ON
AIRSPEED	Consult on Section 5 - Performance
ELECTRICAL EXCESSIVE RATE OF CHARGE	
ALTERNATOR	OFF
ELECTRICAL LOAD	REDUCE
LAND AT THE NEAREST SUITABLE AIRPORT	
FOR EXPANDED OPERATION, CHECK THE ORIGINAL PILOT OPERATION HANDBOOK ON BOARD	