

SPRINGS AVIATION

CESSNA 182P 235HP

N95FC

NORMAL PROCEDURES CHECKLIST

- AFTER TAKEOFF -

Airspeed Vx / Vy / AS REQ
Flaps UP
Throttle FULL, 2600RPM
Mixture ADJUST AS NEEDED

- CRUISE -

Power SET (15-25 in. of Hg & 2200-2450 RPM)
Elevator Trim SET
Mixture LEAN
Engine Instruments CHECK
Cowl Flaps CLOSED
Lights ON - AS NECESSARY
Heading Indicator SET TO COMPASS

- IN-RANGE/DESCENT/APPROACH -

ATIS/AWOS CHECK ASAP
Approach Brief COMPLETE
Airport Diagram (Keep Available) CHECK
Seat Belts & Shoulder Harness FASTENED
Mixture ENRICHEN AS NEEDED
Carb Heat USE AS NEEDED
Cowl Flaps CLOSED
Heading Indicator SET TO COMPASS
Fuel Selector BOTH
Parking Brake CHECK RELEASED
Landing Light ON

- BEFORE LANDING (Memory Items) -

Lights AS REQUIRED
Carb Heat/Cowl Flaps ON/CLOSED
Gas BOTH
Undercarriage FIXED
Mixture SET AS REQUIRED
Propeller HIGH RPM
Seat Belts / Shoulder Harness ON

- AFTER LANDING (Memory Items) -

Wing Flaps UP
Carb Heat COLD
Cowl Flaps OPEN
Lights AS REQUIRED
Mixture LEAN
Taxi Clearance OBTAIN &. BRIEF

- SHUT DOWN & SECURING -

Parking Brake SET
Comm Radio CHECK 121.5 for ELT
Avionics & Electrical Switches OFF
(leave Beacon switch ON)

Throttle IDLE RPM
Magnetos CHECK GROUNDING
Throttle 1000 RPM
Mixture CUTOFF
Ignition Switch OFF (Keys Removed)
Master Switch OFF

Hobbs & Tach RECORD ON FSP OUTSIDE TIEDOWN & INSPECTION

Fuel Selector OFF
Control Wheel / Gust Locks IN PLACE
Pitot Tube Cover INSTALL
Parking Brake RELEASE
Sunscreen INSTALL
Move Plane to Parking WITH TOW BAR
Wheel Chocks IN PLACE
Tie-Downs SECURE
Doors CLOSED & SECURED
Walkaround COMPLETE
Flight Plan CLOSE

Vr: 60 mph
Vx: 85 mph
Vy: 90 mph
Vg: 80 mph
Va @2950lbs: 126 mph
Vs0: 63 mph
Vs1: 68 mph
Vno: 160 mph
Vne: 198 mph

*This checklist is only for training purposes and is not intended to replace the POH.
Revised 6/28/2022*

- PREFLIGHT INSPECTION -

PRE-PLANE

Weather CHECK
W&B & Performance COMPUTE

CABIN

Hobbs & Tach DISPATCH ON FSP
Documents (A.R.R.O.W) CHECK
Parking Brake SET
Control Wheel/Gust Lock REMOVE
Pitot Tube Cover REMOVE
Fire Extinguisher CHECK
Ignition & Avionics Switch OFF
Master Switch BATTERY ON
Fuel Gauges CHECK QUANTITY
Low Vacuum & Volt Lights CHECK ON
Lights ON – CHECK – OFF
Pitot Heat ON – CHECK – OFF
Wing Flaps EXTEND FULLY
Master Switch OFF
Alternate Static Source OFF
Elevator Trim Control TAKEOFF
Fuel Selector Valve BOTH

EXTERIOR

Fuel Tank Sumps (1/wing) CHECK
Fuel Tank Quantity CHECK
Fuel Filler Cap CHECK SECURE
Tie-downs & Chocks REMOVE
Windshield & Windows CLEAN

- PREFLIGHT INSPECTION (Continued) -

AFT FUSELAGE & EMPENNAGE

Baggage Door SECURE
Antennas SECURE
Stabilizers CHECK CONDITION
Elevator & Rudder. CONDITION/OPERATION
Trim Tabs CHECK

RIGHT WING

Flap CHECK CONDITION & BACKLASH
Aileron CONDITION/OPERATION
Wingtip & Leading Edge CHECK
Wheel & Brakes CONDITION
Door CONDITION

NOSE, ENGINE, PROPELLER, & COWLING

Static Source Opening CHECK CLEAR
Engine Cowling CHECK SECURITY
Propeller & Spinner CHECK CONDITION
Alternator Drive Belt CHECK TENSION
Engine Cooling Air Inlets CHECK CLEAR
Carburetor Air Filter CHECK CLEAN & SECURE
Exhaust Stack CHECK SECURE
Cowl Flaps CHECK
Nose Wheel, Strut & Tire CONDITION
Fuel Strainer DRAIN
Oil Quantity (9 qts. min)CHECK
Static Source Opening CHECK CLEAR

LEFT WING

Pitot Tube CHECK CLEAR
Fuel Vent Tube CHECK CLEAR
Stall Warning Vent CHECK CLEAR
Wingtip & Leading Edge CHECK
Aileron CONDITION/OPERATION
Flap CHECK CONDITION & BACKLASH
Wheel & Brakes CONDITION
Door CONDITION

- BEFORE STARTING ENGINE -

Tow Bar STOWED
Passenger Brief COMPLETE
(S.A.F.E.T.Y)
Seat, Seat Belt, Shoulder Harness ADJUST
Avionics & Electric Switches OFF
Circuit Breakers CHECK IN
Fuel Selector Valve RECHECK ON BOTH
Cowl Flaps OPEN
Beacon ON
Navigation Light ON

- STARTING ENGINE -

Mixture NOT FULL RICH (out 1" for altitude)
Propeller HIGH RPM
Throttle OPEN ½ INCH
Carb Heat COLD
(Prime 2-3 TIMES & LOCK)
(If engine is warm only prime ½ - 1 times)
Propeller Area CHECK CLEAR
Master Switch BATTERY ON
Ignition Switch START
(release @ engine start & verify disengaged)
Throttle 1000 RPM or less
Oil Pressure CHECK
Mixture LEAN FOR TAXI

- AFTER STARTING ENGINE -

Master Switch ALTERNATOR ON
Wing Flaps UP
Avionics & Headsets ON
ATIS/AWOS. OBTAIN
Clearance OBTAIN (As Necessary)
Transponder ALT, SET CODE

BEFORE TAXI -

Cabin Doors CLOSED & LOCKED
Taxi Light ON
Taxi Clearance OBTAIN (as necessary)
Taxi Path CLEAR & BRIEF
Parking Brake RELEASE
Brakes TEST & RELEASE
Turn Coordinator CHECK (in turns)
Directional Gyro & Compass. CHECK (in turns)
Sterile Cockpit MAINTAIN

- BEFORE TAKEOFF -

Nose Wheel STRAIGHT
Parking Brake SET
Taxi Light OFF
Seat, Seat Belt, Shoulder Harness ADJUST
Cabin Doors RECHECK CLOSED & LOCKED
Flight Controls CHECK FREE & CORRECT
Flight Instruments CHECKED & CORRECT
Fuel Quantity RECHECK adequate for flight
Primer RECHECKED IN & LOCKED
Cowl Flaps. OPEN
Fuel Selector RECHECK BOTH
Throttle SET 1700 RPM
Mixture RICH or SET FOR ALTITUDE
Magnetos CHECK (150 max, 50 diff)
Propeller. CYCLE HIGH to LOW
. then set HIGH
Carb Heat CHECK
Vacuum CHECK GAUGE & LIGHT
Engine Instruments CHECK
Ammeter CHECK GAUGE & LIGHT
Throttle CHECK IDLE
Throttle 1000 RPM or less
Throttle CHECK FRICTION LOCK
Wing Flaps SET FOR TAKEOFF
Trim Controls VERIFY TAKEOFF
Radios (Comm & Nav) SET
Transponder ALT
Parking Brake RELEASE
Taxi, Landing, Strobe Lights AS NEEDED
Takeoff Clearance OBTAIN/ANNOUNCE