

N9559X

CHECKLIST

(Revised on 10.31.2025)

PREFLIGHT - Cabin

1. Documents ARROW
2. Flight Plan & Charts AVAILABLE
3. Aircraft Wt & Balance CHECK
4. Hobbs & Tach ... NOTE IN CLIPBOARD
5. Control Wheel Lock REMOVE
6. Ignition OFF
7. Avionics Master OFF
8. Master (ALT & BAT) ON
9. Lights & Pitot Heat CHECK / OFF
10. Stall Warning CHECK
11. Fuel Quantity (L & R) CHECK
12. Flaps EXTEND 10°
13. Master (ALT & BAT) OFF
14. Circuit Breakers CHECK IN
15. Fire Extinguisher CHECK
16. Fuel Selector BOTH

PREFLIGHT - Empennage

1. Baggage Door OPEN (LEAVE KEY)
2. Tail Tiedown REMOVE
3. Rear Control Surfaces CHECK
4. Antennas CHECK

PREFLIGHT - Right Wing

1. Right Flap & Aileron CHECK
2. Right Wing General Condition .. CHECK
3. Right Wing Tiedown REMOVE
4. Right Main Wheel & Tire CHECK
5. Right Main Brake Condition CHECK
6. Right Wheel Chocks REMOVE
7. Right Wing Fuel Sumps DRAIN
8. Right Fuel Qty & Cap CHECK

PREFLIGHT - Left Wing

1. Left Fuel Quantity & Cap CHECK
2. Fuel Tank Vent Opening CHECK
3. Stall Warning Opening CHECK
4. Pitot Tube Cover REMOVE
5. Left Wing General Condition CHECK
6. Left Aileron & Flap CHECK
7. Left Wing Tiedown REMOVE
8. Left Main Wheel & Tire CHECK
9. Left Main Brake Condition CHECK
10. Left Wheel Chocks REMOVE
11. Left Wing Fuel Sumps DRAIN
12. Baggage Door CLOSED & LOCKED
13. Move A/C to Check Tires CHECK

PREFLIGHT - Nose Area

1. Static Source (both sides).....CHECK
2. Engine Oil CHECK
3. Nosewheel Tire & Strut CHECK
4. Carburetor Air Filter.....CHECK
5. Propeller & Spinner CHECK
6. Strainer Drain Knob.....PULL
7. Clean WindscreenCOMPLETE

BEFORE ENGINE START

1. Preflight InspectionCOMPLETE

2. PASSENGER BRIEFING

Seatbelts/Shoulder Harnesses
Air Conditioning/Heat
Fire Extinguisher/Other
Emergency Exits
Traffic/Talking
Your questions?

3. Fuel Selector Valve.....BOTH
4. Avionics Master OFF
5. Cowl Flaps.....OPEN
6. Circuit Breakers.....CHECK IN

ENGINE START

1. Mixture.....RICH
2. Propeller.....HIGH RPM
3. Carburetor Heat.....OFF
4. Throttle ½" OPEN
5. Prime.....(3-5 PUMPS)
6. Master Switch.....ON
7. Beacon.....ON
8. Propeller Area.....CLEAR
9. Ignition Switch START
10. Throttle 1000 RPM
11. Oil Pressure CHECK
12. Mixture SET FOR TAXI

BEFORE TAXI

1. Avionics MasterON & SET
2. Voltmeter 28V ± 0.5V
3. FlapsRETRACT
4. ATIS/ASOS/AWOS.....OBTAIN
5. Altimeter SET
6. LightsAS REQUIRED
7. Taxi AreaCLEAR
8. BrakesTEST IMMEDIATELY
9. Taxi ClearanceOBTAIN

TAXI INSTRUMENT CHECK

1. Mag Compass FLUID/TURNS FREE
2. Attitude Indicator CHECK & SET
3. Airspeed ZERO
4. Turn Coordinator CHECK
5. Heading Indicator ... SET TO COMPASS
6. VSI NOTE LEVEL
7. Alternate Static Source CHECK

RUN UP

1. Doors/Windows.....CLOSED & LOCKED
2. Brakes SET
3. Fuel Selector.....BOTH
4. Elevator/Rudder TrimSET
5. Flight Controls.....FREE & CORRECT
6. Throttle.....1700 RPM
7. Mixture.....FULL THEN SET FOR ALT
8. Magnetos.....CHECK (150 max drop, 50 max difference)
9. Prop.....CYCLE
10. Carb Heat.....CHECK
11. Engine Instruments/Ammeter...CHECK
12. Suction.....CHECK
13. Throttle.....CHECK IDLE
14. Throttle.....1000 RPM OR LESS
15. Throttle FrictionSET

PRE-TAKEOFF

1. Lights.....AS REQUIRED
2. Transponder.....CHECK SQUAWK
3. Parking Brake.....RELEASE
4. Takeoff Clearance.....OBTAINED

TAKEOFF

1. Flaps 0°- 10°
2. Carb Heat.....OFF
3. Power.....FULL THROTTLE
4. Prop2300 RPM
5. Elevator.....ROTATE AT 50 KIAS
6. Climb speed 80 KIAS
7. Flaps.....RETRACT

SHORT FIELD TAKEOFF

1. Wing Flaps.....20°
2. Carb Heat.....OFF
3. Brakes.....APPLY
4. Power.....FULL THROTTLE
5. Prop2300 RPM
6. Brakes.....RELEASE
7. Elevator.....ROTATE AT 50 KIAS
8. Climb Speed.....59 KIAS
9. Wing Flaps.....RETRACT(>=70 KIAS)

NORMAL CLIMB

1. Airspeed.....80 KIAS
2. PowerSET
3. Prop2300 RPM
4. Fuel Selector.....BOTH
5. Mixture.....ADJUST FOR ALTITUDE
6. Cowl Flaps.....AS REQUIRED

CRUISE

1. Power.....SET
2. Prop2300 RPM
3. Trim.....ADJUST
4. Mixture.....LEAN
5. Cowl Flaps.....AS REQUIRED

DESCENT

1. Fuel Selector.....BOTH
2. Power.....SET
3. Carb Heat.....AS REQUIRED
4. Mixture.....ENRICHEN (as required)
5. Cowl Flaps.....CLOSED
6. Wing Flaps.....AS DESIRED

BEFORE LANDING

1. Seat Belts.....ADJUST & LOCK
2. Fuel Selector.....BOTH
3. Mixture.....SET
4. Carb Heat.....AS REQUIRED
5. Prop.....FULL
6. Autopilot.....OFF

NORMAL LANDING

1. Wing Flaps.....AS DESIRED
2. Airspeed.....60-70 KIAS (flaps down)
3. Trim.....ADJUST

BALKED LANDING

1. Power.....FULL
2. Carb Heat.....OFF
3. Flaps.....RETRACT to 20°
4. Climb Speed.....70 KIAS
5. Flaps.....RETRACT TO 10°
6. Cowl Flaps.....OPEN

AFTER LANDING

1. Flaps.....RETRACT
2. Carb HeatOFF
3. Cowl Flaps.....OPEN
4. Avionics/ClearanceAS REQUIRED
5. Lights.....AS REQUIRED

SECURING AIRCRAFT

1. Parking Brake.....SET
2. Avionics Switch.....OFF
3. Throttle.....IDLE
4. Mixture.....IDLE CUT-OFF
5. Ignition Switch.....OFF
6. Master Switch.....OFF
7. Cowl Flaps...CLOSE(OPEN if >80°)
8. Control LockINSTALL
9. WheelsCHOCK
10. Tie Downs.....SECURE
11. Fuel SelectorLEFT OR RIGHT
12. Hobbs & Tach Times RECORD
13. Pitot Tube CoverINSTALL
14. SunscreenINSTALL
15. Cowl PlugsINSTALL

