

Normal Checklist Piper PA-28

Refer to Aircraft POH / Flight Manual for **N2140T** as Appropriate.

BEFORE STARTING ENGINE

1. Exterior Preflight -- COMPLETE.
2. Tach/Hobbs Meter – RECORD/VERIFY in Ops Log.
3. Seats, Belts, Harnesses -- ADJUST & LOCKED.
4. Radios & Electrical Equipment -- OFF.
5. Brakes -- TEST & SET.

STARTING ENGINE

1. Parking Brake -- SET.
 2. Carburetor Heat -- COLD.
 3. Fuel Selector -- SET TO DESIRED TANK.
- **Cold Start**
 1. Throttle -- OPEN ¼ INCH.
 2. Master Switch -- ON
 3. Electric Fuel Pump -- ON.
 4. Mixture -- RICH.
 5. Magnetos – ROTATE SWITCH CLOCKWISE WHILE PRESSING IN.
 6. Throttle -- ADVANCE WHEN ENGINE FIRES.
 - **Hot Start**
 1. Throttle -- OPEN ½ INCH.
 2. Master Switch -- ON.
 3. Electric Fuel Pump -- ON.
 4. Mixture -- IDLE CUTOFF.
 5. Starter -- ROTATE SWITCH CLOCKWISE WHILE PRESSING IN.
 6. Mixture – ADVANCE WHEN ENGINE FIRES.
 7. Throttle – ADJUST.

N2140T

FLOODED START

1. Throttle -- OPEN FULLY.
2. Master Switch – ON
3. Electric Fuel Pump – OFF.
4. Mixture – IDLE CUT OFF.
5. Magnetos – ROTATE SWITCH CLOCKWISE WHILE PRESSING IN.
6. MIXTURE – ADVANCE WHEN ENGINE FIRES.
7. Throttle – ADJUST.

GROUND CHECK

1. Brakes -- SET.
2. Throttle -- 1800 RPM.
3. Magnetos -- CHECK. 125 MAX DROP/50 DIFF.
4. Carburetor Heat -- CHECK FOR RPM DROP.
5. Engine Gauges -- CHECK.
6. Fuel Pump -- CHECK OPERATION.

TAKEOFF

1. Fuel -- ON PROPER TANK.
2. Electric Fuel Pump -- ON.
3. Engine Gauges -- CHECKED.
4. Carburetor Heat -- OFF.
5. Mixture -- SET
6. Quadrant Friction Lock -- SET
7. Trim Tabs -- SET
8. Flaps -- SET
9. Controls -- FREE & CORRECT.
10. Door – LATCHED, TOP & SIDE/FRONT LEVER.

ENROUTE CLIMB

1. Airspeed -- 85 - 100 MPH.
2. Throttle -- FULL OPEN.
3. Mixture -- RICH. (*Unless engine is rough*).

CRUISE

1. Power -- 2300 to 2700. (*No more than 75%*).
2. Fuel Selector -- ON PROPER TANK.
3. Mixture -- FULL RICH BELOW 5000 FT.

APPROACH & LANDING

1. Fuel Selector -- ON PROPER TANK.
2. Electric Fuel Pump -- ON
3. Mixture -- SET
4. Flaps -- SET (*115mph Max.*)
5. Airspeed -- 85mph (*No Flaps*) or 80mph (*Flaps*)

BALKED LANDING

1. Throttle -- FULL OPEN.
2. Carburetor Heat -- COLD.
3. Wing Flaps -- RETRACT TO 2nd NOTCH.
4. Airspeed -- 85M MPH.
5. Wing Flaps -- RETRACT (slowly).

NORMAL LANDING

1. Touchdown -- MAIN WHEELS FIRST.
2. Landing Roll -- LOWER NOSE WHEEL GENTLY.
3. Braking -- MINIMUM REQUIRED.

AFTER LANDING

1. Wing Flaps -- UP.
2. Fuel Pump/Unnecessary Equipment -- OFF.

SECURING AIRCRAFT

1. Parking Brake -- SET
2. Radios, Electrical Equipment -- OFF
3. Mixture -- IDLE CUT-OFF
4. Magnetos -- OFF
5. Master Switch -- OFF.
6. Control Lock -- INSTALL.
7. Tach/Hobbs Meter -- RECORD in Ops LOG.

Piper Cherokee Airspeeds (MCAS)

Vr.....	65
Vx.....	74
Vy.....	85
Va.....	129
Vs1.....	63
Vso.....	54
Vfe.....	115
Vno.....	140
Vne.....	171
Glide	85
XWind max demo.....	15

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