

PA28-181 FLIGHT CHECKLIST

N43839

BEFORE STARTING ENGINE

1. Seats, Belts & Shoulder Harness -- CHECK and ADJUST
2. Brakes -- ON
3. Fuel Selector -- FULLEST TANK
4. Circuit Breakers -- CHECK IN
5. Radios, Electrical Switches -- OFF

STARTING ENGINE

1. Carburetor Heat -- OFF
2. Mixture --- RICH
3. Throttle -- Closed
4. Master Switch -- ON
5. Primer -- PRIME OR PUMP THROTTLE
6. Fuel Pump -- ON
7. Propeller Area -- CLEAR
8. Ignition Switch -- START
9. Throttle -- 800 to 1000 RPM, **Lean for taxi**
10. Oil Pressure and ammeter -- CHECK
11. Fuel Pump -- OFF
12. Flaps -- UP
13. Radios -- ON
14. Rotating Beacon, Strobes -- ON
15. Transponder -- STANDBY

BEFORE-TAKEOFF

1. Cabin Door -- CLOSED and LATCHED
2. Flight Controls -- CHECK
3. Trim -- CHECK OPERATION/TAKEOFF SETTING
4. Throttle -- 1700 RPM
5. Mixture -- **ADJUST** (Rich below 5000' DENSITY ALTITUDE)
6. Engine Instruments -- GREEN ARC
7. Vacuum Gage -- 4.6 to 5.4 Hg
8. Magnetos -- CHECK (150 RPM Max. drop, 75 RPM max. diff)
9. Carburetor Heat -- CHECK FOR ICE, THEN "OFF"
10. Annunciator Panel -- PRESS TO TEST
11. Throttle -- 800 to 1000 RPM

12. Flight Instruments -- SET (Heading , Attitude & Altimeter)
13. Radios -- SET
14. Transponder -- ALT
15. Fuel Pump -- ON
16. Flaps - 0° to 25° (10° for normal T.O., 25° for short/soft field)

TAKE-OFF

1. Climb Airspeed -- V_V 76 KTS V_X 64 KTS
2. Flaps -- UP

CRUISE CLIMB

1. Airspeed -- 90 KTS
2. Fuel Pump -- OFF

CRUISE

1. Fuel on fullest tank
2. Lean as required, 100 deg rich of peak EGT

BEFORE LANDING

1. Carburetor Heat -- ON
2. Mixture -- RICH
3. Fuel Pump -- ON
4. Fuel Selector -- FULLEST TANK
5. Flaps -- AS DESIRED BELOW 103 KTS
6. Airspeed -- 66 to 70 KTS (flaps down) Best Glide (76 KTS)

AFTER LANDING

1. Carburetor Heat -- OFF
2. Flaps -- UP
3. Fuel Pump -- OFF
4. Lights -- LANDING LIGHT OFF AS NEEDED
5. Transponder -- STANDBY

SECURING AIRCRAFT

1. Radios and Electrical Equipment -- OFF
2. Mixture -- IDLE-CUT OFF
3. Ignition Switch -- OFF
4. Master Switch -- OFF
5. Control Wheel -- SECURED WITH SEAT BELT
6. Record Time
7. CLOSE FLIGHT PLAN
8. Lock Aircraft and Tiedown