

PA34 - 200

NORMAL CHECKLIST

AIRCRAFT ACCEPTANCE

Weather CHECKED
 Navigation CHECKED
 Weight & Balance CHECKED
 Performance CHECKED
 Maintenance Status CHECKED
 Emergency & safety equipment CHECKED
 ARROW CHECKED
 Tachometer CHECKED
 Hobbs CHECKED
 Checklist COMPLETE

RIGHT WING

Flap & Aileron CHECKED
 Wing tip & Leading Edge CHECKED
 Fuel Level CHECKED
 Fuel Drains CHECKED
 The Down REMOVED
 Oil Level(6-8quarts) CHECKED
 Propeller and Spinner CHECKED
 Engine Cowl Interiors CHECKED
 Fuel Drain CHECK VISUALLY
 Cowl Flaps CHECKED
 Tire, Brake & Strut CHECKED

NOSE

Windshield CHECKED
 Baggage Door CHECKED
 Tire & Strut CHECKED

LEFT WING

Tire, Brake & Strut CHECKED
 Cowl Flaps CHECKED
 Fuel Drains CHECKED
 Oil Level(6-8quarts) CHECKED
 Propeller and Spinner CHECKED
 Engine Cowl Interiors CHECKED
 The Down REMOVED
 Fuel Level CHECKED
 Pitot Tube CHECKED
 Leading Edge & Wing tip CHECKED
 Flap & Aileron CHECKED

BEFORE STARTING CHECKLIST

Aircraft Acceptance check COMPLETE
 Pre Flight Inspection COMPLETE
 Crew/Passenger Briefing COMPLETE
 Seats & Belts CHECKED
 Break SET
 Fuel Selector Valves ON
 Wing Flaps RETRACTED
 Cowl Flaps OPEN
 Circuit Breakers CHECKED
 Avionics OFF
 Alternators ON

STARTING ENGINE

SEE HOT/FLOODED START AS NECESSARY
 Mixture IDLE CUT OFF
 Props FULL FORWARD
 Throttle OPEN 1/2"
 Master Switch ON
 Fin Lights ON

CABIN

Avionics OFF
 Master Switch OFF
 Magnetos OFF
 Gear Selection DOWN
 Gear Emergency Extension SECURED
 Throttles CLOSED
 Props FULL FORWARD
 Mixture IDLE CUT OFF
 Cowl Flaps OPEN
 Wing Flaps EXTENDED
 Trim SET
 Master Switch ON
 Landing Gear Lights CHECKED
 Fuel Gauges CHECKED
 Lights CHECKED
 Stall Warning CHECKED
 Master Switch OFF
 Fuel X feed DRAIN

FUSELAGE

Rear Door LATCHED & SECURE
 Tire Down REMOVED
 Antennas CHECKED
 Static Ports CHECKED
 Empennage & Stabilator CHECKED
 Dorsal Fin and Air Scoop CLEAR
 Check List COMPLETE

REPEAT THE SAME FOR OPPOSITE ENGINE

Quadrant Friction ADJUSTED
 Transponder STANDBY
 RADIOS SET & CHECK
 Checklist COMPLETE

BEFORE TAXI

Lights AS REQUIRED
 Taxi Area CLEAR
 Brake RELEASE
 Check List COMPLETE

TAXI CHECK

Brakes & Steering CHECKED
 Fuel Selectors (crossfeed) CHECKED
 Instruments CHECKED
 Check List COMPLETE

RUN UP

Brakes SET
 Flight Controls FREE
 Fuel Selectors ON
 Rudder & Stabilator Trim SET
 Wing Flaps RETRACTED
 Cowl Flaps OPEN

ENGINE CHECK

Mixture RICH
 Props FULL FORWARD
 Throttle 1500RPM
 Props FEATHERING
 Throttle 2000RPM
 Governors 1900RPM CHECKED
 Props FULL FORWARD
 Magnetos CHECKED
 Alternators CHECKED
 Engine Gauges GREEN
 Suction Gauge (4.5-5.5) CHECKED
 Throttle (800-1000RPM) SET
 Mixture LEAN

AFTER ENGINE CHECK

Quadrant Friction ADJUSTED
 Flight Instruments SET
 Departure Briefing COMPLETE
 Brakes RELEASED
 Checklist COMPLETE

BEFORE TAKEOFF

Doors & Windows CLOSED & LATCHED
 Fuel Selectors ON
 Rudder & Stabilator Trim SET
 Wing Flaps SET/CHECKED
 Cowl Flaps OPEN

LINE UP

Mixtures RICH
 Props FULL FORWARD
 Strobes ON
 Landing Lights AS NEEDED
 Fuel Pumps ON
 Transponder ON
 Heading Indicator/Compass ALT
 Time Off CHECKED
 Check List NOTE COMPLETE

CLIMB

Landing Gear UP
 Wing Flaps RETRACTED
 Throttles 25"
 Props 2500RPM
 Airspeed 91KTS
 Fuel Pumps OFF ONE AT A TIME
 Landing Lights OFF
 Engine Gauges CHECKED
 Cylinder Head Temps CHECKED
 Cowl Flaps AS REQUIRED
 Check List COMPLETE

CRUISE

Throttles SET
 Props SET
 Mixtures (8.5 to 9GPH) LEAN
 Cowl Flaps AS REQUIRED
 Heading Indicator/Compass CHECKED
 Checklist COMPLETE

BEFORE LANDING

Seat Belts CHECKED
 Fuel Selectors ON
 Cowl Flaps AS REQUIRED
 Mixtures AS REQUIRED
 Fuel Pumps ON
 Lights AS REQUIRED
 Landing Gear DOWN/3 GREEN NO RED
 Wing Flaps AS REQUIRED
 GAS Fuel Selector & Fuel Pumps ON
 Under carriage DOWN/CHECKED
 Mixtures RICH
 Props FULL FORWARD ON FINAL
 Check List COMPLETE

GO AROUND

Mixtures Props Throttles FULL
 Airspeed AS REQUIRED
 Wing Flaps RETRACTED SMOOTHLY
 Landing Gear UP
 Cowl Flaps AS REQUIRED
 Check List COMPLETE

AFTER LANDING

Time On NOTE
 Wing Flaps RETRACT
 Cowl Flaps OPEN
 Mixtures LEAN
 Throttles (800 to 1000RPM) SET
 Transponder STANDBY
 Fuel Pumps OFF
 Strobes OFF
 Lights AS REQUIRED
 Check List COMPLETE

PARKING

Brakes SET
 Avionics OFF
 Mixture OFF
 Magnetos IDLE CUT OFF
 Electrical & strobes OFF
 Master Switch OFF