BEECH SIERRA-C24R N23995

FLIGHT CHECKLIST

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, Trim Switch -- OFF
6. Propeller -- FULL INCREASE
7. Landing Gear Handle -- DOWN

STARTING ENGINE

1. BATT/ALT ***and*** Alternator Switches -- ON (2 switches!)
2. Check Gear Lights -- ON
3. Mixture -- RICH
4. Throttle -- OPEN 1/4 INCH
5. Fuel Pump -- ON FOR 3 SECONDS THEN "OFF"
6. Propeller Area -- CLEAR
7. Ignition Switch -- START
8. Throttle -- 1000 to 1200 RPM
9. Oil Pressure -- CHECK
10. Flaps -- UP
11. Avionics Master -- ON
12. Rotating Beacon, Strobes -- ON
13. Electric Trim Switch -- ON
14. Ammeter – SHOWS CHARGING
15. Transponder -- STANDBY

BEFORE-TAKEOFF

1. Cabin Door -- CLOSED and LATCHED
2. Flight Controls -- CHECK
3. Trim -- CHECK OPERATION/TAKEOFF SETTING
4. Throttle -- 1800 RPM
5. Mixture -- ADJUST (Rich below 5000' Dens. Alt.)
6. Engine Instruments & Vacuum Gauge -- GREEN ARC
7. Magnetos -- CHECK (100 RPM Max., 25 RPM max. diff.)
8. Propeller -- EXERCISE TO OBTAIN 300 – 400 RPM DROP
9. Throttle -- 1000 to 1200 RPM
10. Flight Instruments -- SET (Heading , Attitude & Altimeter)
11. Radios -- SET
12. Autopilot -- OFF
13. Transponder -- ALT
14. Fuel Pump -- OFF
15. Flaps -- 15 Degrees (MATCH FULL AILERON DEFLECTION)

TAKE-OFF

1. Climb Airspeed -- V_y 98 MPH V_x 82 MPH
2. Gear -- UP
3. Flaps -- UP

CRUISE CLIMB

1. Airspeed -- 110 MPH
2. Throttle -- 24" MP/2500 RPM
3. Monitor Temperatures

CRUISE

1. Set power per table
2. Lean 75° to 100° ROP

BEFORE LANDING

1. Fuel Selector -- FULLEST TANK
2. Fuel Pump -- OFF
3. Mixture -- RICH
4. Landing Gear -- DOWN (155 MPH MAX)
5. Propeller -- FULL INCREASE
6. Flaps -- AS DESIRED BELOW 110 MPH
7. Airspeed -- 81 MPH (full flaps) Best Glide 105 MPH
8. Landing Gear -- DOWN AND LOCKED

AFTER LANDING

1. Flaps -- UP (after clear the runway)
2. Transponder -- STANDBY
3. Landing light -- OFF

SECURING THE AIRCRAFT

1. Avionics Master -- OFF
2. Electrical Equipment -- OFF
3. Mixture -- IDLE-CUT OFF
4. Ignition Switch -- OFF
5. Battery and Alternator Switches -- OFF
6. Control Wheel Lock -- INSTALLED
7. Record Time and CLOSE FLIGHT PLAN
8. Lock and Tiedown Aircraft