



## **N5534K - Conventional Fixed Gear**

Citabria 7GCBC - 1978

Lycoming O-320; 150 HP @ 2,700 RPM

12 Volt Battery - 14 Volt Engine Driven Alternator

### **Preflight Inspection -**

1. Complete Exterior Inspection
2. Fuel - 36 Gal Total / 35 Useable, 17.5 each
3. Oil - 6 to 8 Qt, 8 Qt Max
4. Baggage - 100 Lbs Max

### **Starting the Engine -**

1. Seat Belts - On
2. Fuel Quantity - Check
3. Fuel - On
4. Mixture - Rich
5. Prime - As Required, (3 to 4)
6. Carburetor Heat - Cold
7. Throttle - Pump (1 to 2), then Open ¼"
8. Master Switch - On
9. Magnetos - On
10. Stick Back
11. Clear Area and Start
12. Throttle - 1,000 RPM
13. Rotating Beacon - On
14. Radios - On
15. Headset - On
16. Lights - As Required
17. Instruments - Check

### **Taxi -**

1. Stick - Back, Correct for Wind, As Required
2. Throttle - 1,000 RPM

### **V-Speeds-**

- Vx - 58 MPH
- Vy - 69 MPH
- Vg - 60 to 65 MPH
- Vs - 52 MPH
- Vso - 47 MPH

### **Engine Run-Up -**

1. Brakes - Set or Hold
2. Fuel - Recheck On
3. Carburetor Heat - Recheck Cold
4. Stick - Back
5. Throttle - 1,500 to 1,800 RPM
6. Mixture - Rich
7. Magnetos - Check L/R-Both (150 drop/75 diff)
8. Carburetor Heat - Check, then Cold
9. Engine Instruments - Oil Pressure and Temperature - Check
10. Ammeter - Check
11. Throttle - 1,000 RPM
12. Flight Controls - Free & Correct
13. Trim - Set

### **Before Takeoff -**

1. Door and Window Secure & Seat Belts On- Pax Brief
2. Carburetor Heat - Recheck Cold
3. Magnetos - Recheck Both On
4. Fuel - Recheck On
5. Flight Instruments - Set; Radios - Set Frequencies
6. Mixture - Recheck Rich
7. Flaps - 0 or 1 notch (7°) - **Normal Takeoff**
  - 2 notches (16°) - **Short Field** (Hold Brakes)
  - 2 notches (16°) - **Soft Field** (Tail Low but Clear of Ground)

### **Takeoff -**

1. Stick - Full Back, Correct for Wind As Required
2. Throttle - Advance Smoothly to Full
3. Stick - Forward, To Lift Tail
4. Vr - 55 to 60 MPH
5. Climb Out - 75 to 80 MPH

### **After Takeoff -**

1. Throttle - 2,500 RPM to Climb
2. Flaps - Up
3. Cruise - 2,300 to 2,450 RPM
4. Mixture - As Required

### **Normal Landing -**

1. Carburetor Heat - Check, then Hot, As Required
2. Mixture - Rich
3. Throttle - 1,500 RPM
4. Flaps - 1 or 2 notches (7 or 16 deg), as needed
5. Downwind - 80 MPH
6. Base - 70 MPH
7. Final - 60 to 65 MPH

**Three Point Landing -** Power Off - Stick Full Back (**Soft or Rough Fields**)

**Wheel Landing - (Windy Days) -** 70 to 75 MPH - Stick Forward, then Settle Back  
**(Do not drop the tail until airspeed is well below flying speed.)**

### **Stall Speeds-**

- Vs - 52 MPH
- Vso - 47 MPH

### **Taxi -**

1. Stick - Back, Correct for Wind, As Required
2. Flaps - UP
3. Carburetor Heat - Cold
4. Throttle - 1,000 RPM

### **Shutdown -**

1. Radios - Off
2. Mixture - Idle Cut Off
3. Master Switch - Off
4. Magnetos - Off
5. Electrical Switches - Off

### **Miscellaneous -**

Va - 120 MPH @ 1,650 Lbs

Maximum Gross Weight - 1,650 Lbs (Wheels or Skis)

Stall Warning - No Audio/Visual

Diffuser - By Fuel Vent

Pitot Tube - Above; Static Port - Below

Flap Settings - 7, 16, 21, 27, 35 degrees

