



**PIPER MEMORIAL AIRPORT
353 PROCTOR STREET
LOCK HAVEN PA 17745**

How to operate AvSport's Jay Simulator

1. Sit down in front of yoke (OK, so some of us fly a stick; we'll use what we have!)
2. Move seat position so as to allow you full rudder and brake pedal travel.
3. Place the keyboard on your lap.
4. Press and release the red "On/Off" button to the right of the throttle quadrant.
5. Wait for computer to boot and Windows to load.
6. When the logon screen appears, type your Sim Club password in the box below the AvSport icon.
7. Wait for the TrackIR and Prepar3d software to load.
8. When the simulator startup screen has loaded, place the tracking hat on your head, with the bill facing the small infrared camera mounted on top of the monitor.
9. While looking straight at the screen, and without moving your head, press and release the F12 key to calibrate the IR tracker to your head position.
10. If you want to hear wind noise and engine sounds, put on the headset.
11. To fly a programmed scenario, click on the "Scenarios" tab, and select from the pull-down.
12. For free-flight mode, click on the "Free Flight" tab, then select the desired airplane, airport, runway, and weather conditions from the main screen.
13. When ready to fly, click green "Begin Flight" button on right-hand side of screen. . It will take a while for the simulator to load all aircraft, airport, and terrain files.
14. Note that you can look up, down, right, and left, simply by moving your head.
15. You can pause and resume the simulation at any time, by using the Pause key on the upper right-hand corner of the keyboard. Other keyboard commands are on a laminated card on the simulator desk.
16. To start the engine:
 - a. Push mixture control (red knob) full forward
 - b. Advance throttle (black knob) ~ 1/2 inch
 - c. Step on and hold toe brakes (OK, so maybe your plane has heel brakes...)
 - d. Look around, and don't forget to yell "Clear Prop!"
 - e. Turn Magneto switch (left of yoke) to "Start/Run"
 - f. If engine doesn't start, simulation may be paused. Press Pause key and try again.
17. Once engine starts, release brakes, advance throttle to full, and start your takeoff roll. Steer with rudders, rotate and climb out at the appropriate speeds, and Fly!
18. End flight: Press "Esc." Click "Yes," close throttle and mixture, turn off magnetos.
19. To turn off simulator, click on red "Shut Down" button on right of screen.
20. Don't forget to return the IR tracking hat!