



Pinch Hitter Seminar

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Instructors:

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Ground School Agenda

1. Sign-in and Introductions
2. Goals of the Seminar
 - A. Make you more comfortable in and around airplanes
 - B. Make you a useful member of the flight crew
 - C. Teach you the basics of handling an emergency
3. Component Parts of an Airplane
4. Principals of Flight
 - A. The Four Forces
 - B. Lift Explained
 - C. Pitch / Bank / Yaw
5. Controlling an Airplane
 - A. Elevator
 - B. Ailerons
 - D. Rudder
 - E. Flaps
 - F. Brakes
6. Instruments
 - A. Airspeed Indicator
 - B. Attitude Indicator (Artificial Horizon)
 - C. Altimeter
 - D. Turn Coordinator
 - E. Heading Indicator (Directional Gyro)

- F. Vertical Speed Indicator
 - G. Magnetic Compass
 - H. Manifold Pressure / Tachometer / Other
- 7. Preflight
 - A. Purpose
 - B. Demonstration
 - 8. Runways and Traffic Patterns
 - 9. GPS, Radios, Audio Panels and Transponders
 - A. GNS 530 & GNS 430
 - B. Com/Nav Radios
 - C. Audio Panel
 - D. Transponders
 - 10. Charts & Approach Plates
 - 11. AOPA ASF Pinch Hitter Course (including checklist)
 - 12. Wrap-Up and Overview of Orientation Flights