

FAASTeam presents:

# Stepping up to Complex Airplanes: Systems

What's next? You did your private pilot training in a lightweight trainer, like a C152, C172, or Warrior. Gears down and locked in place, where you can keep an eye on them. Now what? Maybe a commercial certificate is in your future. Maybe you want to work toward being a CFI? Maybe you just want to cruise a little faster, without gear dragging in the wind slowing you down. For these and other reasons, training in a complex airplane with retractable landing gear may be your next best step. Time to take your aircraft systems education a level beyond the fixed gear world you started in. What do those gear lights mean? What causes the warning horn to sound? What makes the propeller adjust RPM? How can I be sure that the gear are down and locked on landing? In this seminar, SCFC instructor Herb Patten will dive deep into several aspects of the PA-28R-200 Piper Arrow. This complex airplane is used often for commercial and CFI check rides due to its retractable gears, moveable flaps, and variable pitch propeller. Herb will discuss the hydraulic, electrical, and pneumatic systems and the system used to manage propeller blade angle and RPM. Come long for the ride and you will gain a deeper understanding of how these systems work on the Arrow, and have a good foundation for

## Event Details

**Wed, Jun 24, 2015 - 19:00 PDT**

**San Carlos Flight Center**

655 Skyway Road

Suite 215

San Carlos, CA 94070



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Representative Terry Fiala

understand the systems of other complex aircraft. Herb Patten is an FAA certificated advanced and instrument ground instructor who teaches private pilot ground school at San Carlos Flight Center. He holds a private pilot certificate with an instrument rating, has over 700 hours and flown into 111 different California airports. He is co-founder of the Bay Area Student and New Pilot Support Group, and a board member of the Upwind Foundation, famous for its Upwind Summer Scholarship Program. When not giving presentations he can be found in the air pursuing his aviation interest or supporting others in their flying adventures. San Carlos Flight Center was voted Best Flight School in the US in the 2013 AOPA Flight Training Excellence Awards. We are committed to promoting safety in general aviation through our evening safety seminar programs. For more information about this and any of our weekly seminars, please visit <http://sancarlosflight.com/activities-and-events>.

**Directions:** Located in the Skyway Building, next to the Hiller Aviation Museum. Parking and entrance behind building. Suite 215 is upstairs in the northwest corner. Pilots who fly in should park in transient parking on the opposite side of the field and call the Flight Center for a ride (650) 946-1700.

**A message from the National FAASafety Team Manager**

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at [www.FAASafety.gov](http://www.FAASafety.gov)!

The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.