Pilot Deviation Awareness
Reduce the Risk!

Pilot Deviations most commonly occur in the following areas:

Altitude Excursions
"Off assigned altitude more than 300 feet IFR"

Airspeed Excursions
"OOPs I forgot the 250 Knots below 10,000 rule"

Runway Incursions
"What did that yellow line mean?"

Airspace Incursions
"I should have checked the TFR's before I left the ground!"

Near Midair Collisions
"Wow… did you see how close we were?"

Now you know the problem.
What can YOU do about it?

'Keep Cool and Safe with TFR Awareness'
- FAA Aviation News, Mar/Apr 2009

Flight Information Resources

Your Aviation safety website
http://www.faasafety.gov

TFRs, NOTAMS, Special Use Airspace, Notices to Airmen
https://pilotweb.nas.faa.gov/distribution/atcscc.html

Temporary Flight Restrictions
http://tfr.faa.gov/tfr2/list.html

Wash, DC SFRA Final Rule
http://edocket.access.gpo.gov/2008/pdf/E8-29711.pdf

Special Rule Final with correction
http://edocket.access.gpo.gov/2008/pdf/E8-30730.pdf

TSAs general aviation website
http://www.tsa.gov/what_we_do/tsnm/general_aviation/index.shtm

Special Use Airspace
http://sua.faa.gov/sua/Welcome.do

FAA Pilot Resources
http://www.faa.gov/pilots/

AOPA Air Safety Foundation (safety brochures, online courses)
http://www.asf.org/

Videos of SFRA Flights (ingress, egress and transition procedures)
http://www.aviationsafetyvideos.com

Federal Aviation Administration

Avoiding Pilot Deviations

"A Safe Pilot is Constantly Improving"
- Eastern Region FAASTeam

TC12-0004

Before you fly ...

- Use all available information to plan your flight. Make sure the information comes from appropriate sources.
- Study and analyze the route and adjacent airports in case of a diversion due to an unplanned emergency.
- Maintain a copy of all the flight planning information and keep it with you during the flight.
- Preflight the aircraft and all the equipment well. In today's environment transponders, radios and advanced avionics support safety. Make sure they work. Regulations require it!
- File, Activate and Close a Flight Plan even when VFR to increase the safety of the flight.
- Carry and USE current charts and an Airport Facility Directory or similar approved information. Keep it within reach in the aircraft while flying.
- Take along a "Copilot" the extra ears, eyes and knowledge increase safety awareness substantially.
- Assess your physical and mental condition to fly. Fit to fly is a PIC responsibility. If fatigued, stressed, or just not quite up to speed… Don't Fly.

While you are flying ...

- Stay focused on the task at hand. Aviate, navigate, and communicate … in that order! Work on flying accurately.
- Keep your eyes outside the aircraft so you can see the things that are happening.
- Maintain large margins of safety. Don't cut too close to Special Use Airspace by relying on GPS.
- Practice defensive flying. Don't taxi too close to other aircraft. Listen to aircraft in the pattern. Don't fly at too low altitudes.
- Ask Air Traffic for "Flight Following" in complex airspace, over remote regions, and when flying at night or over an unknown route. Ask for coordination between facilities.
- Practice Good Aeronautical Decision making by asking yourself questions like "What would I do if my engine quit now?" "Is the weather deteriorating?" "Am I too tired to continue?"
- Stay Hydrated! Your body needs water to perform and flying is a demanding physical activity.

Keeping up to date ...

- Maintain both knowledge and flight proficiency through the FAASafety Wings Program.
- Print and retain a list of resources as those will give you additional material to review, including links to online weather and Notices to Airmen. Start with the list in this brochure.
- Watch a training video online at: http://www.aviationsafetyvideos.com
- Obtain a new rating! The training will upgrade your flight proficiency and you always wanted a seaplane rating.
- Attend Safety Seminars. The interaction with other pilots and ensuing discussions will open your mind to different ideas and procedures.
- Visit the FAASTEAM website at www.FAASafety.gov. New resources are constantly being added. It is a one stop shopping point for any aviation question.
- Attend National aviation shows. New technology and hands on clinics will present current information

Visit: FAASAFETY.GOV