



# DARLINGDOWNS SOARING CLUB

## Unusual Attitudes and Spin Awareness Clinic For Power Pilots

*At the 2013 RAeS International Flight Crew Training Conference a key point agreed by many speakers and delegates at the conference was that in the past 15 years, manual flying skills of airline pilots have atrophied.*

*Increased cockpit automation, rigid standard operating procedures, more use of flight simulators, and a reduced pool of military pilots has contributed to the loss of some basic flying skills in a new generation of pilots.*

*The spin awareness clinic includes two flights with a certified GFA Instructor in a modern two seat sailplane, towed to 4000 feet to ensure that you have enough time to experience a variety of stalls, unusual attitudes, and spins. The experience can be overwhelming at first, and you need more than one flight to absorb and understand what's going on and to begin to learn the proper responses to each situation.*

*The goal of this clinic is to teach the pilot how to feel more comfortable with stall entries and recoveries, to demonstrate proper control input technique for stall/spin recovery, to help you identify the signs of a stall/spin, and to know how to identify and avoid the chain of events that lead up to the classic stall/spin accident.*

[www.gogliding.org.au](http://www.gogliding.org.au)

## WHAT YOU GET



The spin awareness clinic includes:

- ⌚ Two flights with a certified GFA Instructor in a modern two seat aerobatic-rated sailplane
- ⌚ Tows to 4000 feet AGL to ensure that you have enough time to experience a variety of stalls, unusual attitudes, and spins.
- ⌚ 9-day membership of the Gliding Federation of Australia
- ⌚ Spin briefing
- ⌚ Glider and tow plane hire

The first flight would be an orientation flight getting the client comfortable and familiar with being in a glider this flight would include demonstration of a high AOA stall and a stall induced by low speed and near normal flying attitude.

The second flight will demonstrate an incipient spin and a full spin with multiple turns simulating what happens when the pilot flies a little slow and then uses the rudder to yaw the aircraft.

All pilots need to recognize when a stall is imminent or in progress, and they need to know how to recover safely. While everybody practices stalls, many flight schools don't give their students any experience with spins.

## WHO IS THIS SUITABLE FOR?



- ⌚ This clinic is designed for every pilot who wants to get familiar with the full spectrum of stalls and spins.
- ⌚ Pilots who want to experience the benefits of knowing what an incipient stall and fully developed spin feels like.
- ⌚ Pilots that may not feel comfortable with stalls and may have never experienced a spin, or pilots who would like a stall/spin refresher.

Note that this clinic is not designed to provide training in stall or spin manoeuvres it is solely designed to provide you with an opportunity to experience these events and understand what forces are at play.

## COST AND BOOKINGS



The total cost of the clinic including 9-day membership of the Gliding Federation of Australia, spin briefing, glider hire, tow plane hire and a GFA certified Instructor is \$350.

**Note that due to glider load limits, pilots must weigh no more than 100kgs.**

**To make a booking or for further information contact:**

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