

Safe Flying Tip number ten: Take off with abrupt pull up-stall/spin

Accident that resulted in a stall/spin at the end of an abrupt pull up. Jake, the pilot held the aircraft close to the ground after lift-off so as to accumulate a high speed that would allow for an abrupt pull up. The pilot did not round off the pull up while he still maintained sufficient air speed and inertia. The pilot also made a left turn at the top of the pull up which increase the stall speed due to the bank. He lost control of the plane and entered into a spin. He stuck the ground while in a spin. He suffered two broken legs and 11 broken ribs. He was lucky to survive. His rear seat passenger had less severe injuries.

24 year old Jake could have avoided this stall/spin in the following ways:

- Not have done an abrupt pull up after takeoff.
- Had performed the round out sooner while the plane still had sufficient flying speed and inertia.
- Had he kept the ball centered while doing the round out.
- Had not made a left turn which increased the stall speed.
- Had not looked back to see the runway which can lead to cross controls which can make the plane more likely to enter a spin.