

The Villages Aviation Club Safety Brief November 2020





Thank You Veterans and First Responders

VETERANS DAY

NOVEMBER 11, 2020

Dangers
in

Traffic Pattern Flying

Question for tonight.

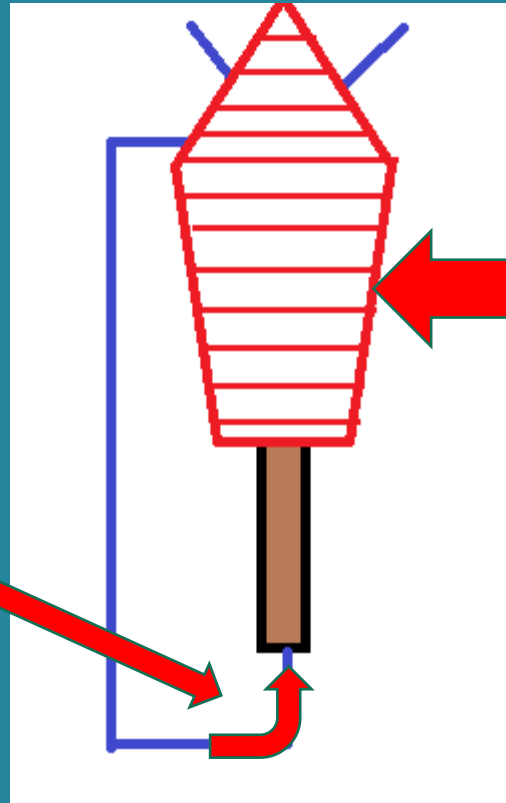
- In the traffic pattern, where are you most likely to have an inadvertent stall?

Most common response is...

- While turning base to final
- On Final Approach
- On Downwind
- During Take-off and Departure

*Pattern Stalls: Base To Final Is NOT The Most Dangerous!
Statistics Reveal: It's Takeoff And Climb*

Where do most
Pattern stalls occur?
NOT base to final
~10% of stalls

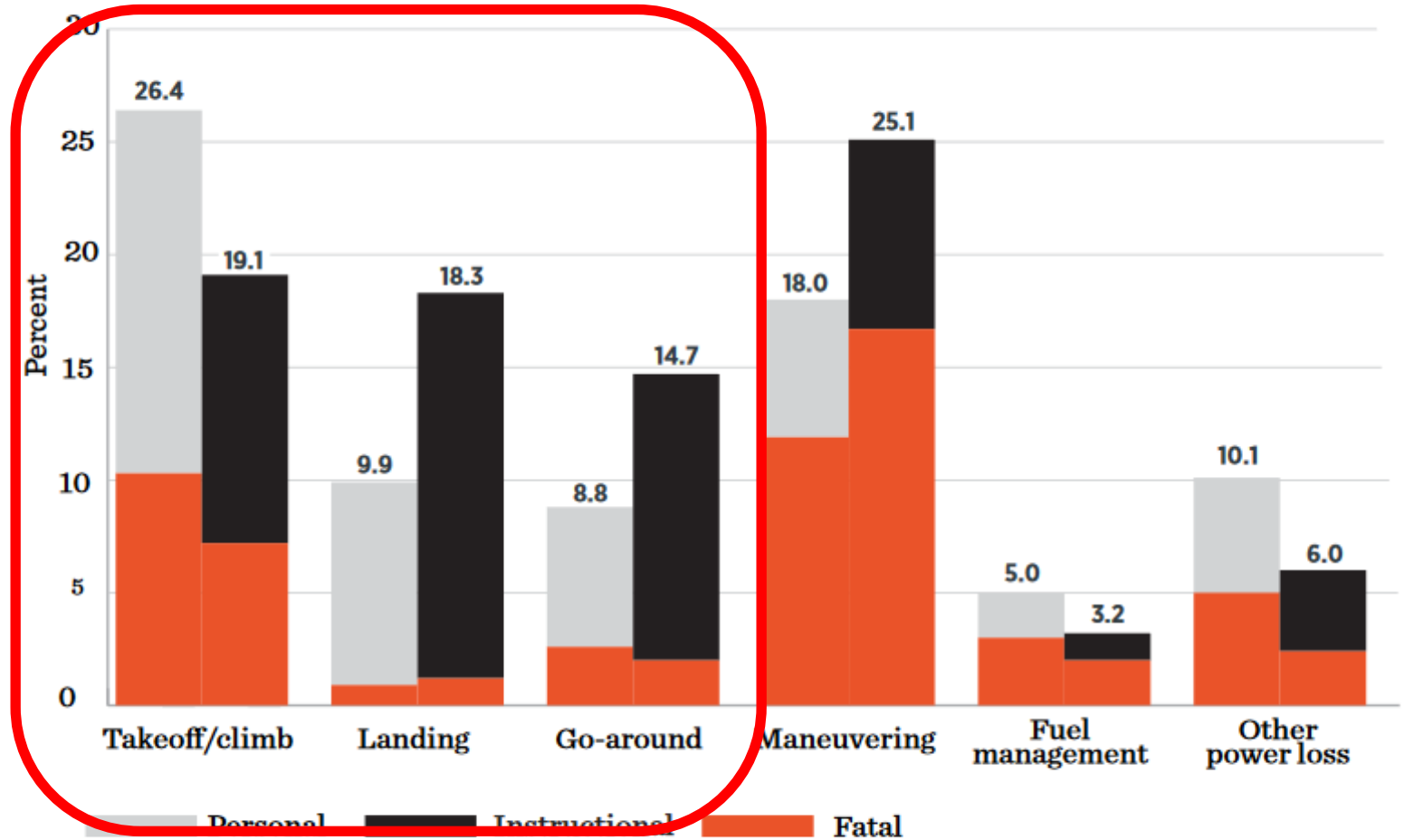


~90% of stalls
occur here

Stall Statistics

Total 45% of stall accidents occur during Takeoff/climb and Go-around

TYPES OF STALL ACCIDENTS: PERSONAL VS. INSTRUCTIONAL FLIGHTS



Statistics clearly show *take-off and go-around is the most lethal phase of flight in the traffic pattern.*

WHY?

When the nose is high and the power is creating lots of yaw, stalls/accidents are most likely to occur.

BECAUSE

- **Airplanes trimmed for final approach speed, have an elevator trim setting that is more nose-high than the takeoff trim setting.**

Adding power causes an upward pitch movement.

- **At the beginning of a go-around, many airplanes will pitch up into a high angle of attack.**

Pilots who do not practice go-arounds may not be prepared for the control inputs necessary to avoid a stall.

- **Full power stalls during takeoff or a go-around, are often flown with some flaps and with (in retractable gear airplanes) gear extended.**
- **We need to practice power-on stall in the landing and takeoff configurations to get comfortable in identifying and recovering from these situations.**

FAA SEMINARS

11/6/2020
15:00 EST
SO35102275

[CFI Forum](#)

CFI Forum: Stabilized Approaches and Go Arounds

The FAA Safety Program tries to meet with area Flight Instructors quarterly. This meeting represents the.

[Venice, FL](#)



4 seats remaining.

11/14/2020
10:00 EST
SO35102364

[Navigating Tampa Airspace / WINGS - What Is It? Why Do I Need It? How Do I Participate?](#)

Navigating Tampa's Complex Airspace and WINGS...

Did you know that there are regular airspace incursions around Tampa? This seminar will give helpful advice...

[Tampa, FL](#)



0 seats remaining.

11/17/2020
14:00 EST
SO35102381

[CFIT Accident Case Study by NTSB of a ROCKWELL 690 N690SM](#)

NTSB Accident Case Study Discussion

The FAA and industry will conduct a public education campaign emphasizing the need for training and currency...

[Lutz, FL](#)



12 seats remaining.

11/21/2020
11:30 EST
SO35102499

[Avoiding Controlled Flight Into Terrain \(CFIT\)Accidents](#)

Discussion About Recent Accident Case Studies And...

Presentation, personal experience and past incidents regarding events leading up to controlled flight into.

[Live Oak, FL](#)



39 seats remaining.

12/2/2020
18:00 EST
SO1598489

[Operaiton Rain Check Air Traffic Control - St Augustine FL](#)

Operation Rain Check. ATC Operations in St...

A special opportunity for pilots to interact with Air Traffic control and discover the many services they...

[Saint Augustine, FL](#)



39 seats remaining.

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