

SPECTRUM SAFETY NEWSLETTER "The Annual"

→ Once a year (annually), all rental pilots must complete dual training with a Flight Instructor

→ You must demonstrate a satisfactory level of proficiency

→ *The Pre-flight exercises include...*

- Documents
- Aircraft Performance
 - You must demonstrate the ability to use the performance charts in the POH
 - You must be familiar with the operating speeds
- Weight & Balance
- Emergency Procedures
- Pre-flight Inspection (including passenger briefing)

→ The In-flight exercises include...

- Normal or Crosswind Take-off & Landing
- Short or Soft field Take-off & Landing
- Straight & Level, Climbs & Descents
- Steep Turn
- Slow Flight
- Stall
- Spiral Dive Recovery
- Forced Approach (and overshoot)

If it is your first annual in a C-172, you will be required to complete a full load check

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→ Throughout the flight, you will be assessed on:

- Look-out
- Radio Procedures
- Ancillary Controls (carb heat, mixture, climate controls)
- Safety Precautions (HASEL checks, safe taxi speed)
- Use of Checklists

To Prepare...

- Calculate a sample weight and balance
- Calculate your take-off and landing distance @ CZBA
- Memorize V_x , V_y and V_a
- Memorize the Emergency Procedures for:
 - Engine Failure on Take-off
 - Engine Fire on Start-up
 - Engine Fire in Flight
 - Cabin Fire
 - Landing with Flat Main Tire
 - Over Voltage

Booking Your Annual

- You may book your Annual with any Instructor
- An average Annual is:
 - 1/2 hour briefing
 - 1 hour flight
- One booking slot is 1 hour and 20 minutes – that is typically not enough time to complete the Annual

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