

→ **PRE-TAKEOFF CHECK: 'CIGAR'**

- Controls (free and correct)
- Instruments Set. . .
- Gas
- Attitude
- Run up. . .

→ **RUN UP: 'My Cow Vaporized a Fat Pig Electrically'**

- Mag Check
- Carb Heat
- Vacuum Pressure
- Fuel Pump (auxiliary off/on)
- Prop (cycle constant speed prop)
- Electrically (ammeter/breakers)

→ **TAKEOFF BRIEFING: Have Rat CD** (rehearse what you are about to do)

- Heading (initial)
- Altitude (initial)
- Vx or Vy climb

Engine failure on takeoff **YES!** VISUAL ABORT POINT?!?

No!

- R** – on roll, stop w/max braking + aerodynamic braking
- A** – after takeoff, land ahead or 30deg L/R
- I** – Turn back altitude: **PLSTART-D** flow, turn back and land!

- Crosswind Velocity?
- Departure Procedure

→ **FINAL PRE-TAKEOFF LOOK:**

'C-BLITTS'

- Configuration (flaps/trim)
- B**oost Pump On
- Lights (as required)
- Instruments (on more check)
- Transponder set
- Takeoff time noted
- Safety (belts, harnesses, doors/windows close and locked)

- Pitch Best Glide
- Landing Spot
- Safety (belts/harnesses)
- Trouble shoot
- Approach
- Radio (Mayday, Mayday, Mayday)
- Turn off (idle cutoff/fuel, electrical)
- Door(s) open before touchdown (if off-airport)

