



Emergency Descent & Steep Spirals

Cherokee settings, Archer settings are highlighted

➤ **Configuring**

- 2350 RPMs
- Trimmed for level flight at least 3000' AGL
- Clearing turns and checking the traffic screen

➤ **Engine Fire**

- In the case of an engine fire
 - Mixture full lean
 - Fuel selector OFF
 - Throttle full open
- We will simulate this by
 - Pulling throttle to idle
- Increase airspeed to bottom of yellow arc Vno 141mph **125kts**
- Aim towards a field to land ASAP
- If the fire goes out transition to Vg and continue with "normal" engine failure procedures

➤ **Configuring Steep Spirals**

- 2350 RPMs
- Trimmed for level flight at least 4000' AGL to allow for 3 full turns
- Clearing turns and checking the traffic screen

➤ **Steep Spirals**

- Reduce throttle to idle
- Maintain best glide Vg
- Maintain over the point by varying bank angle