Garmin Automation

- **Garmin has a presence in many markets**
  - FAR 23 Small Aircraft
  - FAR 25 Transport Category Aircraft
  - Helicopters
  - Experimental Amateur Built
  - Integrated Flight Decks and Panel Mount units
  - Autopilots, autothrottles and stability augmentation/protection in all these markets
- **TC, STC and Experimental (owner installed)**
- **Level of automation is largely defined by the cost of the end product**

GARMIN

Garmin Automation

- **Our customer desires range from “no automation” to “fully automated”.**
- **No technological reason preventing fully automated flight deck**
- **Some questions that must be answered to determine the level of automation:**
  - What are the requirements and intended use?
    - Daily use (autopilot/autothrottle/stability augmentation)
    - Emergency use (stability protection)
    - Economic use (reduced number of required crew)
    - Intended use drives the required reliability, safety analysis, success criteria
- **How much automation is too much?**

GARMIN