PERSONAL MINIMUMS

- [ ] **Aircraft:** At least *six* (6) hours within previous *two* (2) months
- [ ] **Currency:**
  - Flight review in previous *twelve* (12) months
  - At least *two* (2) landings in the last *thirty* (30) days
- [ ] **Weather (VFR):**
  - **Pattern work:** > *2,000* foot ceiling and *five* (5) miles visibility
  - **Cross-country:** > *12,000* foot ceiling and *ten* (10) miles visibility
- [ ] **Crosswind:** < 15 knots maximum crosswind component
- [ ] **Fuel:** 60-minute reserve

DAYS BEFORE FLIGHT

- [ ] **Plan route:** Update EFB, 1800wxbrief, FltPlan, etc.
  - Review route airspace, terrain, alternate landing sites
  - Review all airport information, layout, services, run-up areas, important remarks — contact airport manager if necessary
- [ ] **Compute weight and balance:** retrieve passenger's weight, update "C172 Performance" application
- [ ] **Weather:**
  - Watch "weekly outlook" reports
  - Check updated weather
- [ ] **Review route TFRs, NOTAMs, airspace, terrain, obstacles, etc.**
- [ ] **Check night currency and sunset/sunrise times**
- [ ] **Charge batteries:** Headphones, ADHRS, iPad, Phone, watch, flashlights, handheld radio, cameras, voice recorder
- [ ] **Verify EFB data is updated**: latest weather, winds, charts, TFRs, etc.
- [ ] **Get sleep**
- [ ] **Evaluate fitness to fly**
- [ ] **Evaluate weather on the way to airport**
- [ ] **Talk to other pilots who have flown recently**

BEFORE LEAVING HOUSE

- [ ] **Appropriate Clothing for WX:** jacket, pants vs. shorts, etc.
- [ ] **Wallet:** credit cards, drivers license, PPL, medical
- [ ] **Flight bag:** knee board, paper+pen, paper checklists
- [ ] **Headphones:** including passenger headphones and backups
- [ ] **iPad (EFB):** Update EFB software, external battery, cables and mount
- [ ] **Merlin (Stratux ADS-B):** external battery, cables, and mount
- [ ] **Phone:** Update EFB, add airport, APP/DEP, and Center numbers
- [ ] **Watch**
- [ ] **Flashlight**
- [ ] **Water and Snacks**
- [ ] **Handheld radio**
- [ ] (Optional) Cameras and mounts, voice recorder, jacket

BEFORE FLIGHT

☐ **Review route:** TFRs, NOTAMs, PIREPs, radio and navigation aids, airspace, navigational and procedural information, terrain, obstacles, landmarks, cultural elements (railroads, roads, trails, populated areas), etc.

☐ **Review destination airport information:**
- Review A/FD information
- Review the IAPs to the *primary* and *parallel* runways expected
- Review runways and approach lighting installations
- Review all lighting limitations marked on charts
- Review the NOTAMS, and pay special attention to FICONs when the airport surfaces are wet or frozen
- Note the location of the control tower
- Review light gun signals
- Highlight destination on the airfield
- Brief expected taxi route to destination

☐ **Weather:**
- Check updated weather forecast along route
- Check updated weather forecast at alternates

☐ **Verify weight and balance**

☐ **Review aircraft performance: "**C172 Performance App"
- Review takeoff performance
- Review en-route performance
- Review landing performance at destination (and expected conditions)

☐ **Review avionics:** expected configurations and workflows

☐ **Prepare in-flight log sheet:**
- Write-down frequencies, en-route altitude, and destination pattern altitude
- Get departure ATIS information