

## 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

- ☐ **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**
- ☐ **Snacks**
- ☐ **Water**
- ☐ **Handheld radio**
- ☐ (Optional) Cameras and mounts, voice recorder

## 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