

## Kentucky Wing Civil Air Patrol Required GPS Skills

### VFR Skills

- ☐ Create, Store, and Retrieve Flight Plan From Origin To Destination Airport Both Direct and Using Victor Airways
- ☐ While Enroute, Change The Flight Plan Destination
- ☐ Obtain Following Information About Destination Airport:
  - ☐ Weather
  - ☐ Airport Elevation
  - ☐ Runway(s) And Length(s)
  - ☐ Radio Frequencies
  - ☐ Copy A Frequency From The Airport Information To The Specified Comm Radio
- ☐ Enter A User Waypoint Using Latitude & Longitude
- ☐ Enter A User Waypoint Using Radial & Distance
- ☐ Determine the Latitude and Longitude of the Aircraft's Current Position
- ☐ Determine Distance & Direction To The Nearest Airport.
- ☐ Autopilot Skills (If Autopilot Installed)
  - ☐ Climb & Descend Using Vertical Speed Mode
  - ☐ Climb & Descend Using Flight Level Change (FLC) Mode (if equipped)
  - ☐ Capture A Specified Altitude From A Climb & Descent
  - ☐ Fly A Specified Heading
  - ☐ Capture And Fly A Flight Plan Route
  - ☐ Determine What Function the Autopilot Is Performing and What It Will Do Next
  - ☐ Use Control Wheel Steering (CWS) Functions If Available

### IFR Skills

#### All VFR Skills Plus:

- ☐ Enter ILS, VOR, And RNAV/GPS Approaches Using A Specified Transition And Using Vector To Final
- ☐ Configure and Use the Installed Autopilot (if equipped) to Fly The Above Approaches
- ☐ Select the Appropriate CDI For the Approach
- ☐ Activate An Approach
- ☐ Activate Vectors To Final
- ☐ Fly Direct To A Specified Approach Fix
- ☐ Fly the Missed Approach Procedure
- ☐ Remove An Approach From The Flight Plan

### Mission Pilot Skills

#### All VFR and IFR Skills (if rated) Plus:

- ☐ Mark The Current Location Of The Aircraft With A User Waypoint
- ☐ Approach a Waypoint on a Specified Radial
- ☐ Perform the Following Search Patterns:
  - ☐ Route Search
  - ☐ Grid (Parallel) Search
  - ☐ Creeping Line Search
  - ☐ Sector Search
  - ☐ Expanding Square Search
- ☐ Configure the Autopilot (if equipped) to Fly Each of the Above Patterns in an Appropriate Manner

Optional Skills

- ☐ Use the Descent Planning Features of the GPS (if available)
- ☐ Insert Victor Airways Into the Flight Plan
- ☐ Insert a Hold at a Specified Waypoint (If Function Is Available)