



Program Goals Checklist

- o 1. Complete Program Orientation Missions
 - o Learn:
 - Flight Log
 - Goals and Safety
 - Flipgrid
 - Flipgrid Assignment
 - Quizlet
 - Meet Up Calendar
 - Help
 - FAQs
- o 2. Complete Runway Certificate
 - o Learn:
 - Drone Careers
 - Flipgrid Assignment
 - Safety (Netiquette, General Drone Safety)
 - Gear (Drone Equipment)
 - DJI Go (Drone Software)
 - LAANC (Airmap)
 - Trust Test (Required for All Hobby/Commercial)
 - Drone Pilot Ground School Section 1-3
- o 3. Complete Departure Certificate
 - o Learn:
 - Simulate (Flying with DJI Simulator)
 - Portfolio (Create Google Drive Folder)
 - Register (Learn How to Register Your Drone)
 - Mission 1 (Beginner Commercial Drone Lessons)
 - Flipgrid Assignment
 - Drone Pilot Ground School Section 4-5
 - Physics (Physics of Flight)
 - Ethics (Drones are Tiptoeing Into Society)



- Flipgrid Assignment

o 4. Complete Ascent Certificate

o Learn:

- Local Laws (Part 107 is Federal ONLY)
- Drone Pilot Ground School 6-8 (That's a Wrap)
- Test Competition Begins (Fastest Time to Ace Practice test. Must Ace 3 of 5 Practice Tests)
- Mission 2 (Beginner Lessons 2)
 - Flipgrid Assignment
- Mission 3 (Beginner Lessons 3)
 - Flipgrid Assignment
- IACRA and PSI (Register for Your Part 107 Test)
- **Take and Pass the Part 107 FAA Drone Pilot Test**
 - **#MAJOR MILESTONE**

o 5. Complete Cruising Certificate (Begin Art of the Camera)

o Learn:

- Photo (Learn Basic and Drone Related Photography)
 - Cinematography Master Class or
 - Base Cinematography Lessons
- Mission 4 (Mastering the Drone Camera)
 - Flipgrid Assignment
- Edit (Learning how to Edit Your Drone Photos)
- Mission 5 (Capture and Edit)
 - Flipgrid Assignment
- Pro Skills (Begin Building Your Professionalism)
- Biz 101 (Learn Basic Business Skills)
- Website (Build Your Simple 3 Page Drone Business Site)

o 6. Complete Zero Gravity (Basic Drone Applications)

o Learn:

- Hover (All Your Safe and Up to Date Drone Resources)
- G Earth (Learn How to View Your Photo Location in Advance)



- G Maps (Learn How to Navigate and Plan Your Jobs)
- 4CAST (Learn Your Drone Weather Photo Forecast)

- EMF (Discover if You are Flying Near Electromagnetic Fields)
- PhotoPil (Taking Drone Photography Beyond the Horizon)
- o 7. Complete Tray Tables Up Certificate (Drone Service 'Super' Art)
 - o Learn:
 - Pix4D (Use Pix4D Trial Membership to Learn Photogrammetry)
 - Stream (Learn How to LiveStream with Your DJI Pro Drone)
 - Litchi (Learning how to Photo Stitch, Panos, and More)
 - Hangar (360 Degree Drone Photography)
 - Deploy (Using Drone Deploy Trial, Dive Deeper into Photogrammetry)
 - 3D-Etry (Use Your Drone Photos to 3D Print Buildings, Etc.)
- o 8. Complete Practicum Certificate (Acquire Minimum 10 Hours)
 - o Learn:
 - Search and Rescue (Mach Search and Rescue 'Fun' Mission)
 - Inspect (Perform Volunteer Drone Roof/Gutter Inspections)
 - Community Service (Donate Drone Service in Return for Evals)
 - Volunteer (Provide Your School or School Network with Service)
 - Live Stream Events
 - Construction Photos
 - Team Photos
 - Senior Pics
 - Athletic Team Practice or Events
 - LOTC
 - Band
 - Etc..
- o 9. Learn Resources
 - o Hangar (Various Drone Type Information)
 - o Kittyhawk (Alternative to Airmap)
 - o Skyvector (Real Sectional Charts)
 - o Jobs (Find Real Drone Jobs)
 - o Up 2 Date (Drone Newsletters)



- o Recurrent (Every 2 Years Part 107.. Free)
- o Post Secondary (Want a Degree in Drones?)
- o TEKS (Texas Drone Related TEKS)
- o FAA Home Activity (Very Cool Drone Fun Activities)
- o FAA Drone Zone (Everything You Need to Stay on Top of Drone Safety)
- o Checklists (Pre and Post Flight)
- o Airmap (#1 Most Trusted LAANC Application)
- o Flipgrid (Access Your Flipgrid Account)
- o Teacher Toolkit (Whats Included in the Teacher Toolkit)
- o Drone Glossary (Stay Up to Date on Drone Terminology)