

Flight Planning Checklist (Ted Yin v0.5)

Airports

- ▶ ATIS/Tower/Ground Frequencies
- ▶ Runways and Pattern
 - Rwy Length
 - Multiple Rwys?
 - TPA & Directions
- ▶ Descent and Approach Plan
 - Slow Down (engine cooling)
 - Reach TPA in time with stable rate
 - Terrain Hazards
- ▶ Taxiways and FBO (Refueling)
- ▶ Obstructions/Mountains
- ▶ Emergency Landing during T/O
- ▶ Airport Guide (check website)

Route

- ▶ Cruising Altitude
 - Westerly vs. Easterly (even/odd kft)
 - Glide Range
 - Terrain Separation (e.g. 2000+)
 - Cloud Clearance (Detour?)
 - Climb Performance & Oxygen
- ▶ Obstructions
- ▶ Flat Land vs. Mountains
 - Highway is a good start
- ▶ SUA/TFR
- ▶ Fuel Reserve & Diversions

Aircraft

- ▶ Fuel
- ▶ Weight and Balance
 - MTOW
 - CG before/after the flight
- ▶ T/O & LDG distance to clear obstacles

Weather

- ▶ Airports
 - Ceiling
 - Visibility
 - Wind (crosswind, gusts)
 - Density Altitude
- ▶ En Route
 - Cloud Base & Coverage
 - Wind Aloft
 - Icing (freezing point, day/night?)
 - AIRMET & SIGMETs
 - IMC
 - Convective Weather
 - Known Icing Conditions
- ▶ Global Picture
 - Fronts
 - Satellite Image (trend of moisture)
- ▶ Resources

- AWC <https://aviationweather.gov/>
- Windy <https://www.windy.com/>
- CDD <https://weather.cod.edu/satrad/>

Before Go

- ▶ This Sheet
- ▶ Leidos (1800wx) Briefing
- ▶ PPL & Med & Driver's License
- ▶ Flight Bag
- ▶ Garmin inReach Beacon
- ▶ iPad: preflight pack up
- ▶ Water & Energy Bars
- ▶ "IMSAFE" & "PAVE"