

FLIGHT PLANNING BASICS – Reference FAR 91.103 and Supplied Worksheet

There are many ways to approach flight planning, this is a way that minimizes time and gets you the essential elements of a good flight plan. Suggest this be used to augment and obtain a cross check against an automated flight planning tool such as DUATS.COM.

- ❖ LAYOUT COURSE
- ❖ SELECT ALTITUDE
- ❖ TRUE COURSE AND DISTANCE
- ❖ GET WINDS AND TEMPERATURE ALOFT
- ❖ SELECT TAS
- ❖ CALCULATE TOP OF CLIMB – DISTANCE, TIME, FUEL
- ❖ SELECT CHECKPOINTS AND DISTANCE BETWEEN
- ❖ COMPUTE COMPASS HEADING AND GROUND SPEED FOR EACH LEG
- ❖ COMPLETE NAVIGATION LOG – CALCULATE TAKE OFF AND LANDING DISTANCES
- ❖ COMPUTE WEIGHT AND BALANCE FOR REQUIRED FUEL, PASSENGERS, BAGGAGE

“If a calculation doesn’t look right – it probably isn’t!”