



PRP Manual Cross Country Leg Planning

1. Draw a Line
2. Measure True Course (TC)
3. Read Mag Variation (Mag Var)
4. Calculate Mag Course (MC)
5. Determine Cruise Altitude
6. Origin Cruise Winds (Foreflight)
7. Destination Cruise Winds (Foreflight)
8. Calculate Average Cruise Winds
9. Lookup Cruise TAS and Fuel Burn
10. Calculate Groundspeed
11. Calculate Wind Correction Angle
12. Calculate Mag Heading (MH)
13. Lookup Climb Fuel and Time
14. Pick Checkpoint near TOC
15. Pick checkpoints every ~5 minutes
16. Fill out Track Log with named points
17. Measure Distances between points
18. Calculate Leg Times with Flight Computer
19. Note Start Taxi Fuel on Card
20. Note Time to Climb as time to first point
21. Note Fuel Burn for Climb as Fuel to first point
22. Calculate Fuel Burn for Cruise portion
23. Determine total fuel needed for flight (+30/45)
24. Compare with Foreflight, Repeat for Return Leg

