

**North Florida Flight Training Rental Check-Out Flight Planning Exercise**

Using the C172S Nav III Info Manual, a flight computer and current publications, please plan the following flight. Plan either a VFR or IFR flight as appropriate to your ratings:

Depart: Craig Municipal (KCRG) Arrive: Orlando Executive (KORL)

- Plan to depart Craig one hour after your scheduled appointment at NFFT
- Please use all current applicable weather reports, NOTAM/TFR information, etc.

Weight and Balance:

Pilot. . . . . 165 lbs.  
Passenger #1. . . . . 145 lbs.  
Passenger #2. . . . . 170 lbs.  
Dog. . . . . 33 lbs.  
Suitcase. . . . . 45 lbs  
Box . . . . . 60 lbs.

Take off distance: \_\_\_\_\_  
Take off over obstacle: \_\_\_\_\_  
Landing distance: \_\_\_\_\_  
Landing over obstacle: \_\_\_\_\_  
Altitude: \_\_\_\_\_  
Power Setting/Fuel Flow: \_\_\_\_\_ / \_\_\_\_\_

Vr \_\_\_\_\_ Vx \_\_\_\_\_ Vy \_\_\_\_\_ Va \_\_\_\_\_ Best Glide \_\_\_\_\_ Flap Range \_\_\_\_\_

Can you safely make this flight today?  
Are there any limiting factors or special considerations?

Enroute to Orlando, your alternator seems to have failed. How would you know? What would you do to troubleshoot it? For how much longer would you expect to have electrical power if you were unsuccessful in resetting it? Where would you go?

After stopping in Orlando for 2 hours, you return to the aircraft and it will not start. Please describe the best way to troubleshoot this problem.

When you finally get the aircraft started, Nav/Comm 1 shows a red X. Can you legally fly home? Why or why not? What if Nav/Comm 2 were out instead?

