CREATING A FLIGHTPLAN

1) Go to iFlightPlanner.com [http://www.iflightplanner.com/]
2) Select Simple Flight Planning option
3) Enter a flight plan as follows and Press GO
   a. Departure Airport KIAD
   b. Departure Procedure – BUNZZ THREE (Departing Runway 30, LOULU, BUNZZ, RAMAY)
   c. Enroute HACKS – ROD
   d. Standard Arrival Procedure - WATSN THREE
   e. Arrival Airport KORD

Double check: the flightplan should look like:
KIAD LOULU BUNZZ RAMAY HACKS ROD FWA SPANN DAIFE WATSN HAUPO MKITA PRISE HULLS
STYLE DWEEB VOGLR CENAK KORD

4) Complete Navigation Log below (all but last two columns)
Assume
   • True Airspeed 115 mph (Note: the free website defaults to a GA aircraft with 115 mph. If you were flying a jet, the TAS would be much higher)
   • No winds aloft
<table>
<thead>
<tr>
<th>Waypoint</th>
<th>Distance between Waypoint (nm)</th>
<th>Cumulative Distance (nm)</th>
<th>True Heading</th>
<th>Time between Waypoints</th>
<th>Cumulative Time</th>
<th>Fuel Burn</th>
<th>Cumulative Fuel Burn</th>
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5) Estimate Fuel Burn and complete the last two columns in the Navigation Log above.  
   Assume Fuel Burn Rate 8 gallons per hour  
   Fuel Burn = Time * Fuel Burn Rate  

6) Select the IFR Low Altitude Chart (upper right button “IFR Low”)  
   a. What is Airway between RAMAY and HACKS ________________________
b. What is the Minimum Enroute Altitude for this Airway ________________
c. What is a Minimum Enroute Altitude ______________________________
d. Why is a Minimum Enroute Altitude provided ______________________
   ______________________________________________________________
e. What are the two waypoints between RAMAY AND HACKS that can be used as
   checkpoints _______________ and __________________
f. What is the distance between these waypoint ______________ nm
g. What is the Airway between HACKS and ROD _______________
h. What is the distance between HACKS and ROD ______________ nm
i. What outbound radial from ROD would you set to fly this airway ___________ degrees
j. What type of Navigation Aid is ROD ___________________
k. What is the Frequency dialed to tune ROD Navaid _______________
l. What is the next waypoint after ROD ______________________
m. What is the inbound radial to this next waypoint ______________________

n. As the aircraft flies the STAR it will pass a waypoint WATSN, what two VORs (and their
   outbound radials) can be used to check the flight is over the waypoint. What is the
distance from the VOR to the West.

   VOR to the North ___________      Outbound Radial ___________
   VOR to the West ___________      Outbound Radial _________ Distance ______ nm

o. Switch to IFR LOW chart

   The STAR lines the aircraft up for the approach

   What type of runway navigation is used ______________

   (make sure you are looking at the “IFR Low” chart)

   What frequency is dialed to use this runway navigation aid ______________

   3
This runway navigation aid also lines up with Terminal Area VOR navigation aid located at the airport. What is the navaid ________ what outbound radial ________ degrees