HOW TO READ AN AIRPORT DIAGRAM
1. What is the name of Airport ________________________________

2. What is the ICAO Identifier for the Airport _______ _______

3. What period of time is this airport diagram valid ____________ to __________

4. How many Runways ___________

5. What are the Runway Names ________________________________

6. What is the Magnetic Heading of each Runway ___________________________

7. What is the difference between Magnetic Heading and True Heading at this airport

8. How fast is Magnetic Heading changing at this airport ________________

9. Locate and provide the approximate Latitude/Longitude for the following facilities:
   a. Terminal 1 (Gates 1-19)
   b. Terminal 2 (gates 20-41)
   c. U.S. Customs
   d. Commuter Terminal and Airport Administration Building
   e. U.S. Coast Guard Air Station
   f. Fire Station
   g. Control Tower
   h. Air Cargo Handling Building
   i. General Aviation Building Ramp

10. Locate and provide approximate Latitude/Longitude for the center of the following
    movement areas:
    a. West Ramp
    b. East Ramp
    c. Commuter Ramp
    d. Coast Guard Air Station Ramp
    e. North Ramp
    f. Air Cargo Ramp
    g. General Aviation Ramp
    h. Overflow Parking Ramp

11. What is Field Elevation for the Airport _______________________

12. Runway 9 Characteristics
    a. What is the Magnetic Heading _______________________
    b. What is the Touchdown Zone Elevation ________________
    c. How long is the runway ____________________________
    d. How wide is the runway ____________________________

13. Runway 27 Characteristics
    a. What is the Magnetic Heading _______________________
    b. What is the Touchdown Zone Elevation ________________
    c. How long is the runway ____________________________
    d. How wide is the runway ____________________________
14. What Taxiways would an aircraft departing from Terminal 1 using Runway 9

15. What Taxiways would an aircraft departing from Air Cargo Ramp using Runway 9

16. What Taxiways would an aircraft arriving on Runway 27 and taxi-ing to the Air Cargo Ramp use

17. CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED (see right side of diagram)

   a. What problem is this caution trying to address

   b. Who is “reading back” to whom _________________________________

   c. What are they reading back _________________________________

   d. In which of the 3 taxi-way instruction scenarios in the previous questions (above) would this caution apply. Explain _________________________________

18. At the end of Runway 29 there is an EMAS

   a. What does the acronym EMAS stand for _________________________________

   b. What does an EMAS do _________________________________

   c. How does it do it _________________________________

   d. Draw a force diagram to explain what an EMAS does _________________________________