

AVIA 101 Homework Assignment #3  
Answers are located in your Jeppesen Private Pilot Manual

**Chapter 4 The Flight Environment**

1. What is the benefit of making a shallow S-turn?
  
  
  
  
  
  
  
  
  
  
2. What are the minimum safe altitudes for each of the following:
  - Congested area –
  - Uncongested area –
  - Sparsely populated area -
  
  
  
  
  
  
  
  
  
  
3. Describe each of the following:
  - Segmented circle –
  - Displaced threshold –
  - “X” near runway threshold –
  - Airport beacon (military) –
  - Two bar VASI -
  
  
  
  
  
  
  
  
  
  
4. What type of airspace requires two-way radio communications before you may enter?
  
  
  
  
  
  
  
  
  
  
5. What is the purpose of a special VFR clearance?

Assignment #3 continued . . .

6. What is a warning area?

**Chapter 5 Communication and Flight**

7. What is a safety alert?

8. Describe ATCs responsibility for aircraft separation for IFR and VFR flights?

9. What are the following frequencies:

When there is no FSS or UNICOM, the CTAF frequency is -

What is the VHF emergency frequency? -

10. What FAA document provides nonregulatory guidance?