

AVIA 101 Homework Assignment # 10  
Answers are located in your Jeppesen Private Pilot Manual

**Chapter 10 Human Factors Principles**

1. Describe the purpose of each:

- rods –
- cones –
- lens –

2. How should you help your eyes adapt to darkness for night flight?

3. Haze may cause to fly a low approach. What does water, night, or featureless terrain cause you to do when landing?

4. If you are experiencing an inversion illusion, how might you handle this situation?

5. How could you overcome hypoxia?

6. What is the cause of hyperventilation?

7. Which hazardous attitude describes a pilot who thinks nothing can happen to them?

8. What are the components of the self assessment checklist?

9. Describe “readback”, in relation to ATC.

10. Briefly describe each component of workload management:

- Planning –
- Preparation –
- Prioritizing –