

**USAF**  
**Academy Flight Training Center**  
**Night Standardization Knowledge**  
**Updated May 2019**

---

**Instructions**

Complete the following exam using the answer sheet provided. Do not assume information not specifically provided in the questions. You may use the following as open book references: FAR/AIM, AFMAN 34-232, USAF Aero Club SOP, AFD/SW.

---

1. The definition of night is

---

2. For the purposes of maintaining night currency you must have logged at least \_\_\_\_take offs and landings during the period

---

3. Official sunset is listed as 2013 local. Assuming your night currency has lapsed, what is the latest time you may fly solo? What is the latest time you may fly with passengers?

---

4. In order to regain night currency at the Aero club you must

---

5. The Aero Club night VFR minimums are

---

6. To qualify to make night flights in the local area, the PIC must

---

7. Night flights outside the local area are subject to the following limitations:

---

8. The following may not be performed at night: aerobatics, unusual attitudes, stalls, approach to stalls, or flight at minimum controllable airspeed. Are there any exceptions when these maneuvers may be performed?

---

9. Must a flight plan be filed with FSS for local area night flights, or for only night flights outside the local area, or both?

---

10. Refer to the SW AFD listing for Lamar. Which frequency is used to activate the PCL? What PCL options are available at Lamar?

---

11. How is PCL activated for the highest intensity available?

---

12. During a night flight you observe a steady red light and a flashing red light ahead that appear to be at your same altitude. What is the general direction of the other aircraft?

---

13. During a night flight you observe steady green (on the left) and steady red (on the right) lights ahead that appear to be at the same altitude. What is the general direction of the other aircraft?

---

14. The regulations state that supplemental oxygen is required only for crewmembers on flights above 12,500 ft for longer than 30 minutes or flights above 14,000 ft. Night vision begins to degrade without the use of supplemental oxygen at what altitude?

---

15. At night you are scanning for traffic when you notice a lighted tower which suddenly appears to takeoff and fly around. You are experiencing which illusion in flight?

---

16. An absence of ground features at night can create the illusion that the aircraft is \_\_\_\_\_ than actual. If this illusion is not recognized the pilot may fly a \_\_\_\_\_ approach than normal.

---

17. Sloping cloud formations, an obscured horizon, a dark scene with ground lights and stars, and certain geometric patterns of ground lights can cause which illusion in flight?

---

18. How many minutes of exposure to total darkness are required for complete dark adaptation?

---

19. What are two disadvantages of using red light at night in the cockpit?

---

20. When scanning at night, pilots should use off-center viewing. Why?

---