



Spies That Fly



1. UAV stands for _____ Aerial Vehicle.	
2. UAVs will save pilots from punishing G-forces and the dangers of chemical, biological, and nuclear weapons. These capabilities do not exist yet. What can UAVs do right now?	
3. How many hours did U-2 spy-plane pilots stay in the air?	
4. What did the U-2 take photographs of in 1962?	
5. How did the Corona spy satellite send its pictures back to earth?	
6. How much did the U.S. military spend on the Lightning Bug program?	
7. Which country, in 1982, was first to build UAVs with live video cameras?	
8. Pioneer was used in the Gulf War. It had powerful video cameras and could stay aloft for hours. What was its main problem?	
9. What was the name of the first UAV to have a satellite receiver, transmitter, and access to GPS satellites?	
10. What is the benefit of Synthetic Aperture Radar?	
11. In addition to its surveillance system, what other systems have been added to the Predator?	
12. What is different about the new generation of large and ambitious UAVs such as the Global Hawk?	
13. How much does it cost to make each Global Hawk?	
14. In your own words, explain one benefit of small UAVs such as Dragon Eye.	
15. How big is the camera on the Black Widow?	
16. "It turns out that insects are capable of extracting _____ from the wake of the previous stroke."	
17. The giant Helios UAV can fly as high as 100,000 feet. What provides the power for the Helios UAV?	
18. UCAV stand for Unmanned _____ Air Vehicle.	
19. What kind of building did the U.S. military avoid bombing?	
20. List non-military and future applications of UAVs	