

Flight Computer Worksheet

The questions below will help you get used to using the flight computer. Get used to using the flight computer in one hand or the other. You should be able to turn the dial with your thumb. This will allow you to do what you are supposed to do: *fly the airplane!*

1. You are burning 15 gallons per hour, and you have 25 gallons of fuel. How long can you fly legally?
2. You have a groundspeed of 120 knots, and you have 250 miles to go. how long will the rest of the flight take you?
3. Your pressure altitude is 5,500 feet, and the temperature is 30° C. What is the density altitude?
4. You are burning 5.8 gallons per hours. You travel for 15 minutes. How much fuel have you used?
5. You fly a 12-mile leg in 8 minutes. What is your ground speed?
6. You have burned 15 gallons in 3 hours and 15 minutes. What is your fuel consumption?
7. You fly a 25-mile leg in 15 minutes. Your destination is 108 miles away. How long will it take you to get there?
8. You are burning 6 gallons per hour. You have 100 miles to go, and your groundspeed is 85. How much fuel will you burn once you reach your destination?
9. You are burning 5.4 gallons per hour. There is 23 gallons on board. How long can you fly legally during a night cross-country?
- 10: You are burning 9 gallons per hour. You have a groundspeed of 75. Your destination is 250 miles away, and you have 21 gallons of fuel on board. What should you do?