

# PILOT COMMUNICATIONS AND THE AIRPORT ENVIRONMENT



## PROPER AVIATION COMMUNICATIONS

Name \_\_\_\_\_

Class \_\_\_\_\_

### OBJECTIVE

Demonstrate understanding and application of the concepts of pilot communications procedures in the airport environment, including consequences of their inadequate or improper use.

### PROCEDURE

Work individually to answer the following questions.

### QUESTIONS

1. Why is it important for a pilot to read back ATC instructions and include a full aircraft callsign in the radio call?
2. You're a passenger in your friend's Cessna 172. You approach runway 17 at taxiway Alpha and your friend calls Tower and tells them you are ready for takeoff. Tower responds by saying "Skyhawk 12345, hold short runway 17 at Alpha for arriving traffic." Your friend responds with "Skyhawk 12345, roger." Tower calls back, saying "Skyhawk 12345, hold short runway 17 at Alpha." Why did Tower repeat its radio call? Did your friend make an error?



3. As you approach an airport flying your Cessna 172, Tower asks you to slow down to 60 knots to give more spacing to a slower aircraft in front of you. Based on your current conditions, you do not feel that you can safely slow to that speed. How should you respond to Tower's instruction?

4. After a long and mostly uneventful flight, you had to divert from your intended final destination (a simple, small town airport) to a large international airport with multiple crossing runways and a complex taxiway arrangement. After landing, you manage to dig out the airport diagram to help increase your awareness, but you're still having a hard time figuring out the layout of the complex airport. What can you ask for or say to ground control to help you successfully taxi on the unfamiliar airport?

5. As you review an airport diagram prior to taxi, you see a hot spot annotated at an intersection. What does the hot spot mean? Where could you find more information about it?

6. List three things you could do in your flight preparation, communications, or flying that would increase your awareness and reduce the possibility of a runway incursion or unintentional pilot deviation.