

# INTRODUCTION TO AERONAUTICAL CHARTS



## EXPLORING THE LEGENDS

Name \_\_\_\_\_

Class \_\_\_\_\_

### OBJECTIVE

Observe and understand the basic information available in the VFR sectional chart legend and the FAA Aeronautical Chart User's Guide.

### MATERIALS (Per Group)

- Sporty's Sectional Training Chart: VFR Sectional Chart Segment + Legend
- FAA Aeronautical Chart User's Guide (access online at [https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/aero\\_guide/media/editions/cug-complete.pdf](https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/aero_guide/media/editions/cug-complete.pdf))

### QUESTIONS

Reference the VFR sectional chart legend for the following questions:

1. What does the note at the top of the legend say about the color of airports?
  
  
  
  
  
  
  
  
  
  
2. Why are some airports shown as circles, while others are shown as rectangular runways?
  
  
  
  
  
  
  
  
  
  
3. What do the "tick marks" around the airport circle indicate?
  
  
  
  
  
  
  
  
  
  
4. Reference the "Airport Data" section of the legend. What does the two-digit number below the control tower frequency represent?



5. Reference the “Obstructions” section of the legend. Obstructions are marked with a number above a number in parentheses. What do the two numbers represent?

6. What’s the symbol for a stadium? Why do you think the location of a stadium is important?

Reference the FAA Aeronautical Chart User’s Guide for the following questions:

7. Reference page 11 on Land Features (Terrain) and Obstructions. What do contour lines connect, and how far apart are contour lines on the sectional?

8. What does a graphic symbol of a landmark with a flag on it represent?

9. Review the Special Use Airspace section. What’s the visual symbol for a Special Flight Rules Area (SFRA)?

10. Review the Airspace Information section. In Class D airspace, what does it mean when there is a boxed altitude inside the airspace symbol?