# START HERE

## LATITUDE + LONGITUDE SHEET

### WHAT IS THIS?

This sheet shows you how to find the latitude and longitude of an airport on a sectional chart. On the FAA Part 107 test, you may be shown a fake map and asked to identify an airport's coordinates.

### MEMORIZE THIS

1. Latitude lines run east-west and measure north/south.
2. Longitude lines run north-south and measure east/west.
3. Read LATITUDE first, then LONGITUDE.
4. Coordinates are written in degrees (°) and minutes (').
5. 1 minute = 1 nautical mile.
6. Latitude numbers are on the left/right chart borders.
7. Longitude numbers are on the top/bottom chart borders.

### TEST TRAP

- Use the airport symbol's exact position — not the text label placement.
- Estimate between tick marks if the airport falls between whole minutes.
- Do not reverse latitude and longitude.

**QUICK ANSWER (FORMAT)**

**33° 28' N / 111° 43' W**

# LATITUDE + LONGITUDE SHEET

SECTIONAL CHART COORDINATES

DRONEZILLA PASS SHEETS™

## HOW TO READ IT

### A LATITUDE

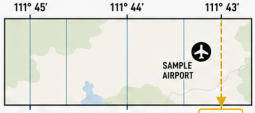
Latitude = read from the left or right chart border.




Horizontal lines / north-south measurement

### B LONGITUDE

Longitude = read from the top or bottom chart border.




Vertical lines / east-west measurement

## STEP-BY-STEP

1. Find the airport symbol on the map.
2. Trace horizontally to the side border to read latitude.
3. Trace vertically to the top or bottom border to read longitude.
4. Estimate the minutes if the airport is between tick marks.

## PRACTICE MAP




**QUESTION:**

What are the coordinates of Sample Airport?

**ANSWER:**

**33° 28' N / 111° 43' W**

Read latitude first, then longitude.

## FAA PART 107 STYLE QUESTION

You are asked to determine the coordinates of an airport shown on a sectional chart. After locating the airport symbol, which should you read first?

- A Longitude from the top or bottom border
- **B Latitude from the left or right border**
- C Elevation from the airport data block
- D Magnetic variation from the chart legend

**CORRECT ANSWER: B**

**EXPLANATION:**

Always read latitude first, then longitude. Latitude is taken from the left or right border. Longitude is taken from the top or bottom border.

## NEED TO KNOW

### COORDINATE FORMAT

Latitude example:

**33° 28' N**

Longitude example:

**111° 43' W**

### KEY TERMS

- Degree (°) = major unit
- Minute (') = subdivision of a degree
- 1 minute = 1 NM

### REMEMBER

- LAT first
- Lateral borders = latitude
- Top/bottom borders = longitude