

**Demo PDF file. This file includes questions: 10 from 68. Full version of file looks the same as demo, but full version includes all questions. You may download file with all questions by link on bottom of this page**

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## **Airspace, Weather Minimums and Charts**

1. (Refer to Figure 26.) What does the line of latitude at area 4 measure?

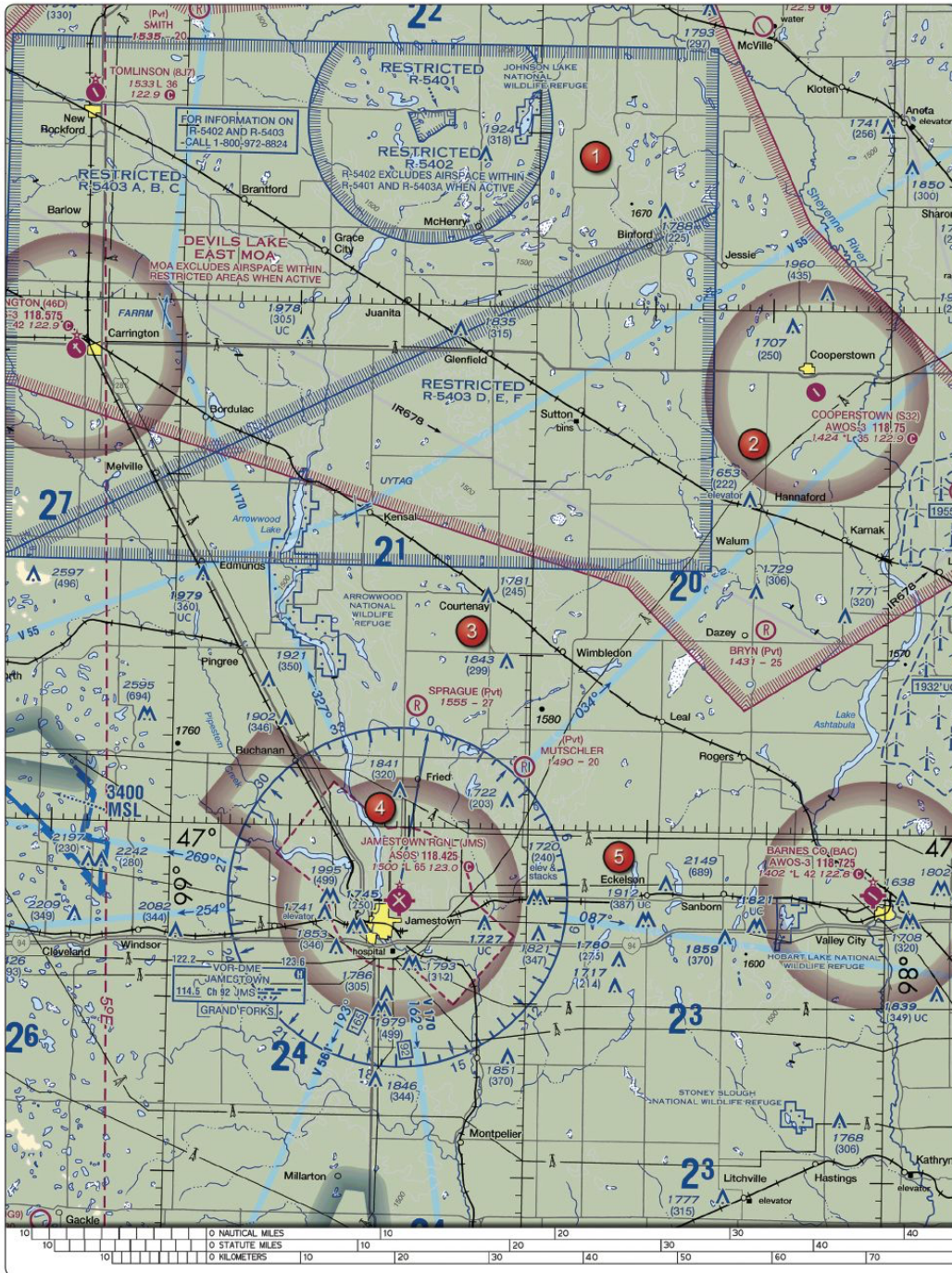


FIGURE 26.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- The degrees of latitude east and west of the Prime Meridian.
- **The degrees of latitude north and south from the equator.**
- The degrees of latitude east and west of the line that passes through Greenwich, England.

Note:

Lines of latitude measure the number of degrees north and south of the equator. Answers A and C are incorrect because lines of longitude measure degrees east and west of the Prime Meridian that passes through Greenwich, England.

2. (Refer to Figure 21.) What airport is located approximately 47 (degrees) 40 (minutes) N latitude and 101 (degrees) 26 (minutes) W longitude?



FIGURE 21.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- Mercer County Regional Airport.
- Semshenko Airport.
- **Garrison Airport.**

3. (Refer to Figure 20, area 2.) Why would the small flag at Lake Drummond of the sectional chart be important to a remote pilot?



FIGURE 20.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- **This is a VFR check point for manned aircraft, and a higher volume of air traffic should be expected there.**
- This is a GPS check point that can be used by both manned and remote pilots for orientation.
- This indicates that there will be a large obstruction depicted on the next printing of the chart.

4. (Refer to Figure 20, area 3.) With ATC authorization, you are operating your small unmanned aircraft approximately 4 SM southeast of Elizabeth City Regional Airport (ECG). What hazard is indicated to be in that area?



FIGURE 20.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- High density military operations in the vicinity.
- Unmarked balloon on a cable up to 3,008 feet AGL.
- Unmarked balloon on a cable up to 3,008 feet MSL.

5. (Refer to Figure 23, area 3.) What is the floor of the Savannah Class C airspace at the shelf area (outer circle)?



FIGURE 23.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- 1,300 feet AGL.
- 1,300 feet MSL.
- 1,700 feet MSL.

**6. According to 14 CFR part 107 the remote pilot in command (PIC) of a small unmanned aircraft planning to operate within Class C airspace**

- must use a visual observer.
  - is required to file a flight plan.
  - **is required to receive ATC authorization.**
-

7. (Refer to Figure 26, area 4.) You have been hired to inspect the tower under construction at 46.9N and 98.6W, near Jamestown Regional (JMS). What must you receive prior to flying your unmanned aircraft in this area?

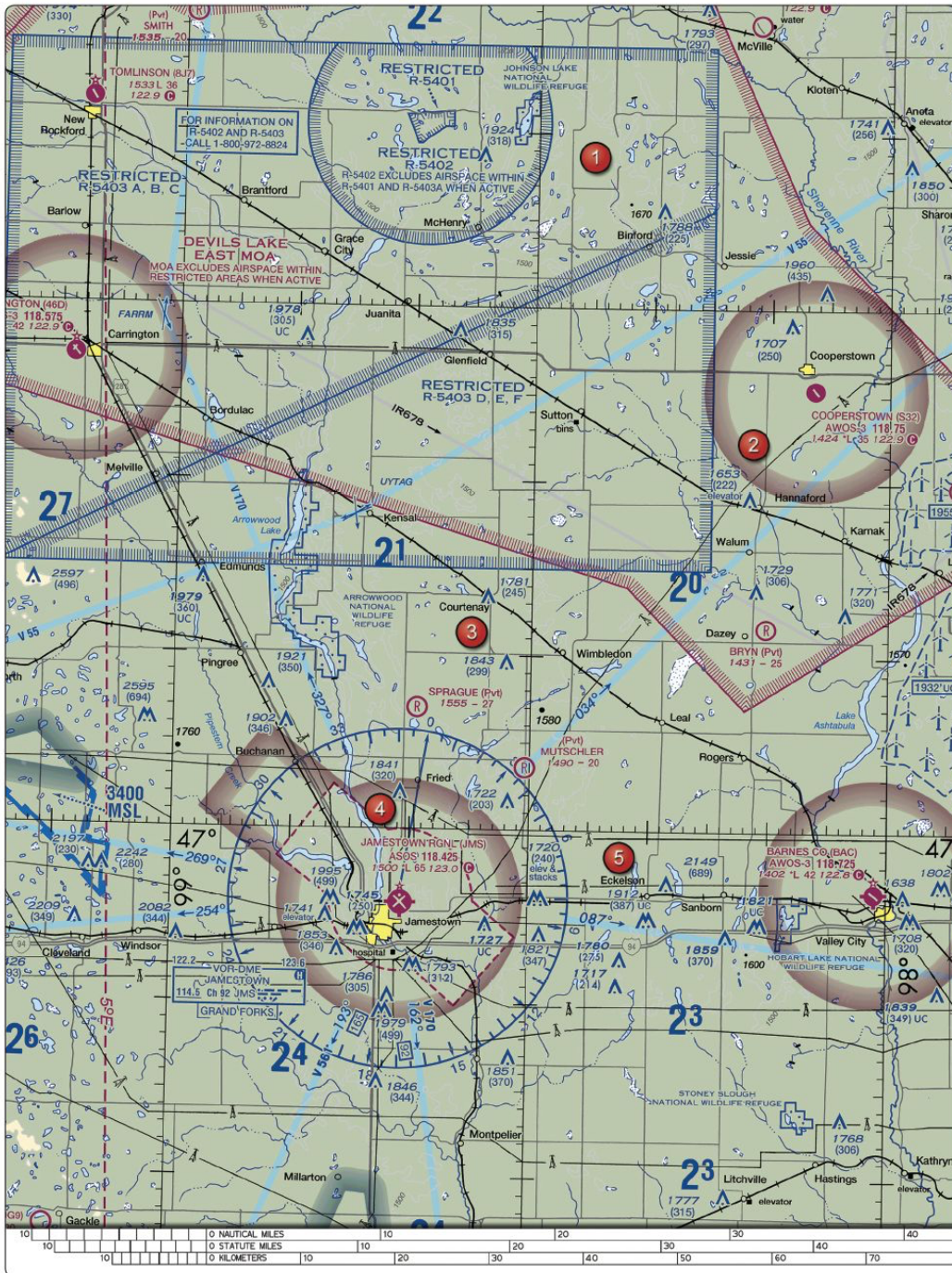


FIGURE 26.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- Authorization from the military.
- **Authorization from ATC.**
- Authorization from the National Park Service.



**8. According to 14 CFR part 107, how may a remote pilot operate an unmanned aircraft in class C airspace?**

- **The remote pilot must have prior authorization from the Air Traffic Control (ATC) facility having jurisdiction over that airspace.**
  - The remote pilot must monitor the Air Traffic Control (ATC) frequency from launch to recovery.
  - The remote pilot must contact the Air Traffic Control (ATC) facility after launching the unmanned aircraft.
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9. (Refer to Figure 21.) You have been hired by a farmer to use your small UA to inspect his crops. The area that you are to survey is in the Devil's Lake West MOA, east of area 2. How would you find out if the MOA is active?

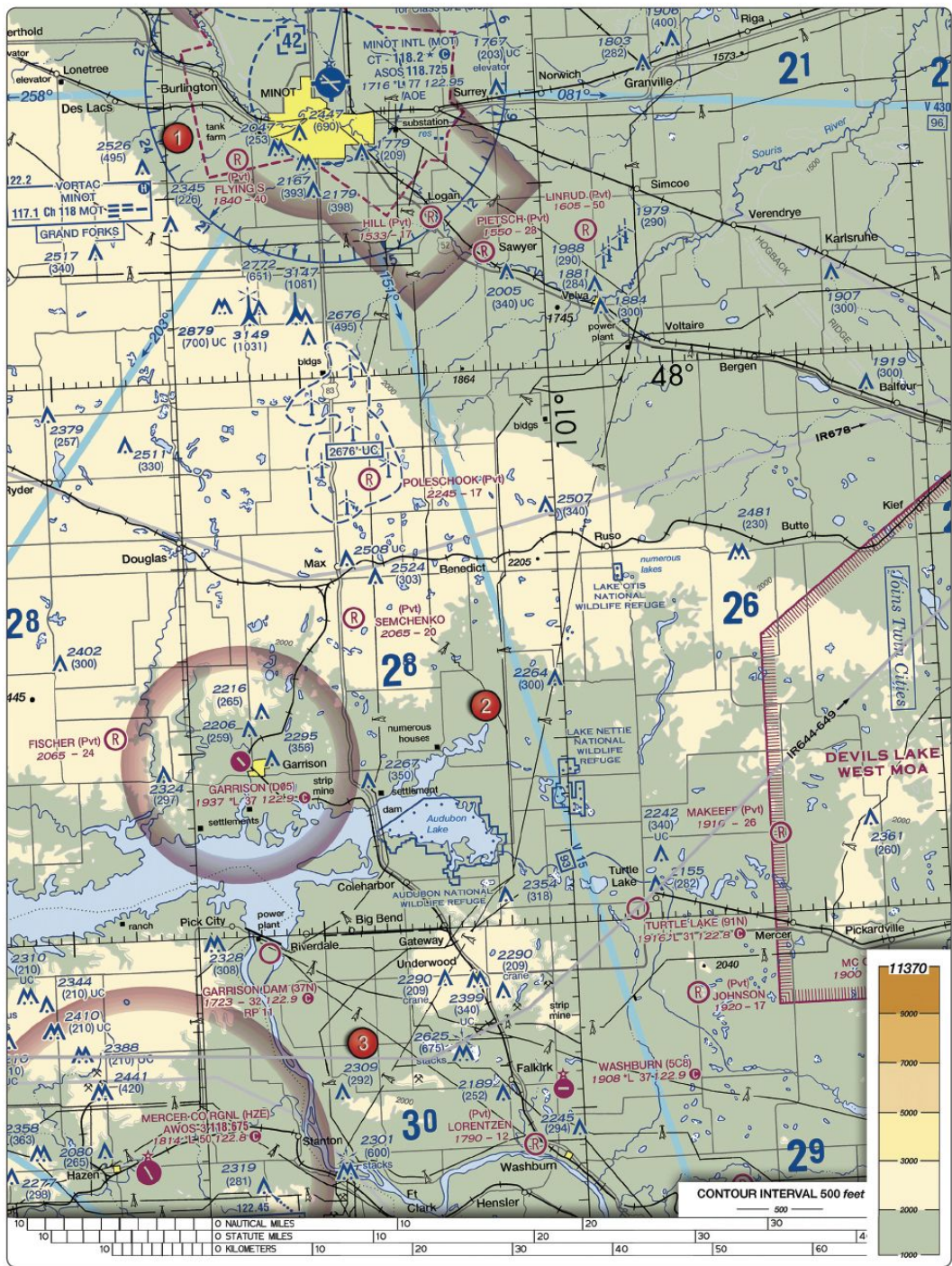


FIGURE 21.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- **Refer to the legend for special use airspace phone number.**
- This information is available in the Small UAS database.
- In the Military Operations Directory.

10. (Refer to Figure 59, area 2.) The chart shows a gray line with "VR1667, VR1617, VR1638, and VR1668." Could this area present a hazard to the operations of a small UA?



FIGURE 59.—Sectional Chart Excerpt.

NOTE: Chart is not to scale and should not be used for navigation. Use associated scale.

- No, all operations will be above 400 feet.
- **Yes, this is a Military Training Route from the surface to 1,500 feet AGL.**
- Yes, the defined route provides traffic separation to manned aircraft.