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Aviation Crossword

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| **Across****4.** What is the tube-like body of an aircraft called?**6.** Use the rudder on the vertical stabilizer to the control the \_\_\_\_\_\_\_\_\_\_\_.**7.** What word means the width of and airplane's wing?**11.** The elevators on the \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ control the pitch.**12.** Air is actually a \_\_\_\_\_\_\_\_\_\_\_\_ because it flows.**13.** Air resistance is also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_.**14.** Weight is caused by the downward pull of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**16.** The Wright Brothers first flew their plane at \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_, North Carolina.**17.** Our gliders are made out of what material? | **Down****1.** Roll is controlled by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the wings.**2.** \_\_\_\_\_\_\_\_\_\_\_\_\_ = Wing Planar Area / Glider Weight**3.** What is the distance between the center of gravity and the neutral point called?**5.** Who's principle states that as a fluid increases velocity, its pressure drops?**8.** The angle the wings make as they tilt upwards is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**9.** This is the upward force that is opposite weight.**10.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Mass / Volume**15.** The engines on an airplane provide this forward force. |