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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. |