PLTW Vocab 4.2

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| **Across**  **3.** The width of an airfoil or wing.  **7.** The angle between the horizon and the wings.  **10.** A measure of the curvature of the airfoil.  **11.** A rear vertical stabilizer that controls side to side or yawing motion of the aircraft nose. | **Down**  **1.** The tail assembly of an aircraft, including the horizontal and vertical stabilizers, elevators, and rudder.  **2.** An engine that produces thrust by expelling hot gasses from a rear nozzle.  **4.** Resistance of the air (technically a fluid) against the forward movement of an airplane.  **5.** Device used to destroy lift. Found on the top of the wing in varying sizes.  **6.** A rear horizontal stabilizer that controls up and down or pitching motion of the aircraft nose.  **8.** The clockwise or counterclockwise motion of an aircraft.  **9.** Protrusions from the leading edge of a wing that, when combined with the flaps, result in a significant increase in lift. |