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disturbance in the rolling direction tends to lead to greater banking. If not counterbalanced by the pilot or electronic control system, the aircraft could enter an ever-increasing diving turn.

Control and Stability of Aircraft — Aerospace Engineering ... Page 10/35

Stability is the ability of an aircraft to correct for conditions that act on it. like turbulence or flight control inputs. For aircraft, there are two general types of stability: static and dynamic. Most aircraft are built with stability in mind, but that's not always the case. Some aircraft. like training airplanes, are built to be very stable.

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