

Code of Federal Regulations

Sec. 29.631

Part 29 AIRWORTHINESS STANDARDS: TRANSPORT CATEGORY ROTORCRAFT	
Subpart D--Design and Construction	General

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Bird strike.

The rotorcraft must be designed to ensure capability of continued safe flight and landing (for Category A) or safe landing (for Category B) after impact with a 2.2-lb (1.0 kg) bird when the velocity of the rotorcraft (relative to the bird along the flight path of the rotorcraft) is equal to V_{NE} or V_H (whichever is the lesser) at altitudes up to 8,000 feet. Compliance must be shown by tests or by analysis based on tests carried out on sufficiently representative structures of similar design.

Amdt. 29-40, Eff. 8/8/96