
This content is from the eCFR and is authoritative but unofficial.

Title 14 – Aeronautics and Space

Chapter I – Federal Aviation Administration, Department of Transportation

Subchapter C – Aircraft

Part 25 – Airworthiness Standards: Transport Category Airplanes

Subpart C – Structure

Lightning Protection

Authority: 49 U.S.C. 106(f), 106(g), 40113, 44701, 44702 and 44704; Pub. L. 115-254, 132 Stat 3281 (49 U.S.C. 44903 note).

Source: Docket No. 5066, 29 FR 18291, Dec. 24, 1964, unless otherwise noted.

§ 25.581 Lightning protection.

- (a) The airplane must be protected against catastrophic effects from lightning.
- (b) For metallic components, compliance with paragraph (a) of this section may be shown by—
 - (1) Bonding the components properly to the airframe; or
 - (2) Designing the components so that a strike will not endanger the airplane.
- (c) For nonmetallic components, compliance with paragraph (a) of this section may be shown by—
 - (1) Designing the components to minimize the effect of a strike; or
 - (2) Incorporating acceptable means of diverting the resulting electrical current so as not to endanger the airplane.

[Amdt. 25-23, 35 FR 5674, Apr. 8, 1970]