Federal Aviation Administration, DOT

§ 29.1183

(d) Unless other means are provided, torque limiting means must be provided for accessory drives located on any component of the transmission and rotor drive system to prevent damage to these components from excessive accessory load.


§ 29.1181 Designated fire zones: regions included.

(a) Designated fire zones are—

1. The engine power section of reciprocating engines;

2. The engine accessory section of reciprocating engines;

3. Any complete powerplant compartment in which there is no isolation between the engine power section and the engine accessory section, for reciprocating engines;

4. Any auxiliary power unit compartment;

5. Any fuel-burning heater and other combustion equipment installation described in § 29.859;

6. The compressor and accessory sections of turbine engines; and

7. The combustor, turbine, and tailpipe sections of turbine engine installations except sections that do not contain lines and components carrying flammable fluids or gases and are isolated from the designated fire zone prescribed in paragraph (a)(6) of this section by a firewall that meets § 29.1191.

(b) Each designated fire zone must meet the requirements of §§ 29.1183 through 29.1203.


§ 29.1183 Lines, fittings, and components.

(a) Except as provided in paragraph (b) of this section, each line, fitting, and other component carrying flammable fluid in any area subject to engine fire conditions and each component which conveys or contains flammable fluid in a designated fire zone must be fire resistant, except that flammable fluid tanks and supports in a designated fire zone must be fireproof or be enclosed by a fireproof shield unless damage by fire to any non-fireproof part will not cause leakage or spillage of flammable fluid. Components must be shielded or located so as