

# Federal Aviation Agency



AC NO : 20-39

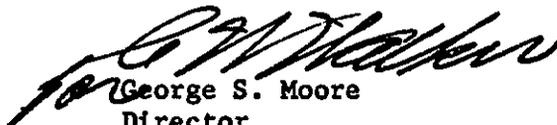
AIRCRAFT

EFFECTIVE :

7/15/65

**SUBJECT : INSTALLATION APPROVAL OF ENTERTAINMENT TYPE TELEVISION  
EQUIPMENT IN AIRCRAFT**

1. **PURPOSE.** This advisory circular presents an acceptable method (but not the only method) by which compliance may be shown with Federal Aviation Regulations 23.1431, FAR 25.1309(b), FAR 27.1309(b), or FAR 29.1309(b) as applicable.
2. **REFERENCED REGULATIONS.** FAR 23.1431, FAR 25.1309(b), FAR 27.1309(b), and FAR 29.1309(b).
3. **ACCEPTABLE MEANS OF COMPLIANCE.** An acceptable means of compliance with FAR 23.1431, FAR 25.1309(b), FAR 27.1309(b), or FAR 29.1309(b) as applicable, with respect to the preventions of hazards due to the failing or malfunctioning of television receiver installations in aircraft is to:
  - a. Provide an enclosure around the picture tube that is capable of containing its fragments in the event of a picture tube implosion. Mesh screens may be used to enclose ventilation openings.
  - b. Locate high voltage cables where they are inaccessible in flight and, if the picture tube is installed in a pressurized cabin, provide a barometric switch or other automatic means, to disable all hazardous voltages in the event of decompression.

  
George S. Moore  
Director  
Flight Standards Service