

SAE G27 Lithium Battery Packaging Performance Committee

Doug Ferguson (Boeing)

The fire protection capabilities and certification of original equipment manufacturers' (OEMs) airframes and systems were developed considering the carriage of general cargo and not the unique hazards associated with the carriage of dangerous goods, including lithium batteries. The Council of the International Civil Aviation Organization (ICAO) established a prohibition on the transport of lithium batteries as cargo on passenger aircraft as a temporary measure until controls were put into place which establish an acceptable level of safety. The SAE G27 committee was established at the request of ICAO to develop a package performance standard for lithium cells and batteries, (UN 3090) and (UN 3480), as cargo in air transportation. The current activity of the committee, including a brief review of the draft standard content will be provided.