

FIRE DETECTION SYSTEM AND SPURIOUS (FALSE) FIRE WARNING OF THE AIRCRAFT - AN OVERVIEW

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Abstract

New fire detection technologies are under evaluation for better aircraft safety and risk managements. The goal is to reduce the false alarm rate and to improve safety and reliability features of an aircraft. In this paper, an overview of different types of fire detection system of aircraft is given. Technology currently used for fire detection and protection are discussed. Also analysis and the probable causes of false fire warning of the aircraft are listed along with its future scope of fire protection system for aircraft are discussed.

Keywords: Fire Detection System, Fire Alarm, Aircraft Safety, False Alarm