

METHOD AND SYSTEM FOR ACTIVATING AN EMERGENCY LOCATOR TRANSMITTER OF AN AIRCRAFT

Abstract

Various embodiments provide a method for activating an emergency locator transmitter of an aircraft. The method may include determining whether a first condition is met by determining whether an altitude of the aircraft is lower than a predetermined altitude and whether a distance between the aircraft and a predetermined airport is greater than a predetermined distance; outputting a first activating instruction to the emergency locator transmitter if the first condition is met; determining whether a second condition is met by determining whether a g-force detected by an acceleration sensor exceeds a predetermined threshold; outputting a second activating instruction to the emergency locator transmitter if the second condition is met; and activating the emergency locator transmitter upon receiving at least one of the first activating instruction or the second activating instruction at the emergency locator transmitter.

Fig. 1