

Function

This Visual Lighted Icing Detector consists of a thin rod profiled in form of "water drop".
 Flying in icing conditions, the rod accumulates ice, which is easily visible by pilot.
 Ice can be melt by an internal heating resistance allowing further detection.
 The de-icing cycle is manually monitored by the pilot.
 An internal lighting allows the use in night flight conditions.
 This device is installed under the base of the windshield, at the pilot seat level, in the pilot direct field of vision.



Application

This equipment is installed basic on the Alenia, Lockheed aircraft series C27J.

Main characteristics

Weight : 0.580 Kg .
 Power voltage : 28 VDC.
 Lighted source :
 Normal : Green A LED's. 20 mA.
 NVIS : IR LED's (880 nm) 20 mA.

De-icing system
 Heating Power : 300 W.
 De-icing time : about 1 mn.
 Temperature : from - 55 °C to + 85 °C.
 Altitude : from - 1000 to + 25000 ft.
 Color : black.

Dimensions

