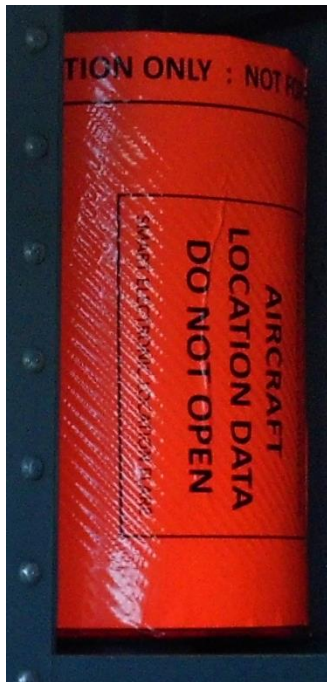


SMART ELECTRONIC LOCATION FLARE



Newly designed as a passive intelligent aircraft location tracker, the SELF[®] system is a practical solution for retro-fitting and future-fitting a tracking system to all types of civil and commercial aircraft. It can be used to provide detailed location information via email to anywhere in the world – with flexibility and pre-programmed schedules to suit any operating format.

The SELF[®] system contains a satellite tracker that uses motion sensors and comparative GPS positions and a custom configured management system to gather and transmit aircraft location information. There is an embedded battery power supply giving over 2-years functioning without maintenance if required. Each system can be specifically configured to track its aircraft according to specific needs and schedule, providing intermediate and regular updates on location, and optional emergency alerts based on pre-set flexible conditions.

Our tracker and casing design is buoyant, waterproof, fire retardant, intrinsically safe and impact durable to 200G. The unit is rated for operation at -30⁰ to +60⁰, and will remain operating over -40⁰ to +85⁰.

Features

- Simple passive retention anywhere within the aircraft structure – including outside the pressure hull
- Location sensing can be used to send alerts if the tracker leaves pre-defined locations or routes
- Asset ready design – allows immediate installation with no external power or antenna connection
- Enclosed Kevlar and Carbon fibre mesh design prevents tamper and provides impact resistance
- Requires messaging agreement and contact details to be provided

Benefits

- Regular 1st hand location information from the SELF[®] system – set to suit Customer needs
- Multiple SELF[®] systems can be used across an air-frame to give increased message redundancy
- Free-floating, impact, temperature and fire resistance from polystyrene sub-core structure
- Position accuracy of up to 10m radius, up to 50 times per day
- 2-year life, so no maintainer servicing required

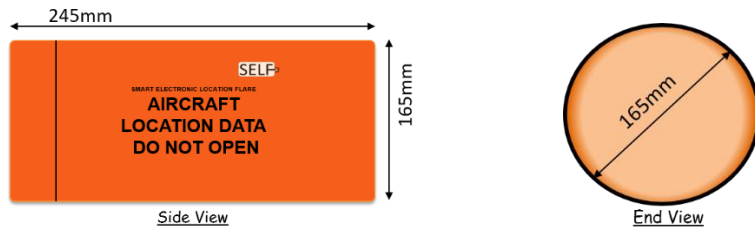
Customised Set-up

- Up to 12 different reporting schedules
- Interval or 24-hour operating modes
- SELF-Diagnostic information within messages
- Low-battery message key given
- Message reduction mode available if aircraft is stationary





SMART ELECTRONIC LOCATION FLARE – TECHNICAL SPECIFICATIONS



Operating Specifications

- Dimensions 245mm length x 165mm diameter
- Weight 550g (with internal batteries)
- Operating Temperature -30° to +60° C
(can operate to -40° and +85°, though power life and signal may degrade)
- Battery Type 4 x AA 1.5V Lithium
(Provides 3+ years of battery life)
- Device Certifications UL913 & CSA C22.2 No. 157 Certified intrinsically safe for use in Class 1, Division 1 Groups A, B, C, D environments (US and Canada)
ANATEL Certificate (Brazil – pending)
FCC CFR Parts 15 and 25 (Canada)
CE 1313 for R&TTE Directive 1999/5/ED (Europe)
COFETEL / IFETEL (Mexico)
- Standards SAE J1455 MIL STD 810
NEMA 4X/IP68
RoHS Compliant
- Satellite Technology Global LEO Satellite Operation – Globalstar Simplex Data Network

Feature Set-up

- Standard Messaging
- Alternative Messaging
- Vibration Activation
- Location Activation
- Timing Activation

Visit SELF® at www.smartelectroniclocationflare.com

For more information on how SELF® smart devices can become integrated with your systems, visit us at www.smartelectroniclocationflare.com



The SELF® design has been registered with WIPO | HAGUE with registration No. DM/089 050