



Salon du Bourget, juin 2017

IFI 2020

Application of digital technology applied in high reliability pyrotechnics.

Digital initiator integrating several functions allowing to improve the testability and the lifetime of the components, and to greatly reduce costs.

Improvements

- Enhanced life duration;
- Testability;
- Suppression of pyro line by numerical bus;
- Simplification of integration and cost reduction;
- Cost and mass reduction (-40%).

System

- System using digital control technology;
- Ethernet interface;
- ITAR free and REACH compliant.



DASSAULT

A V I A T I O N

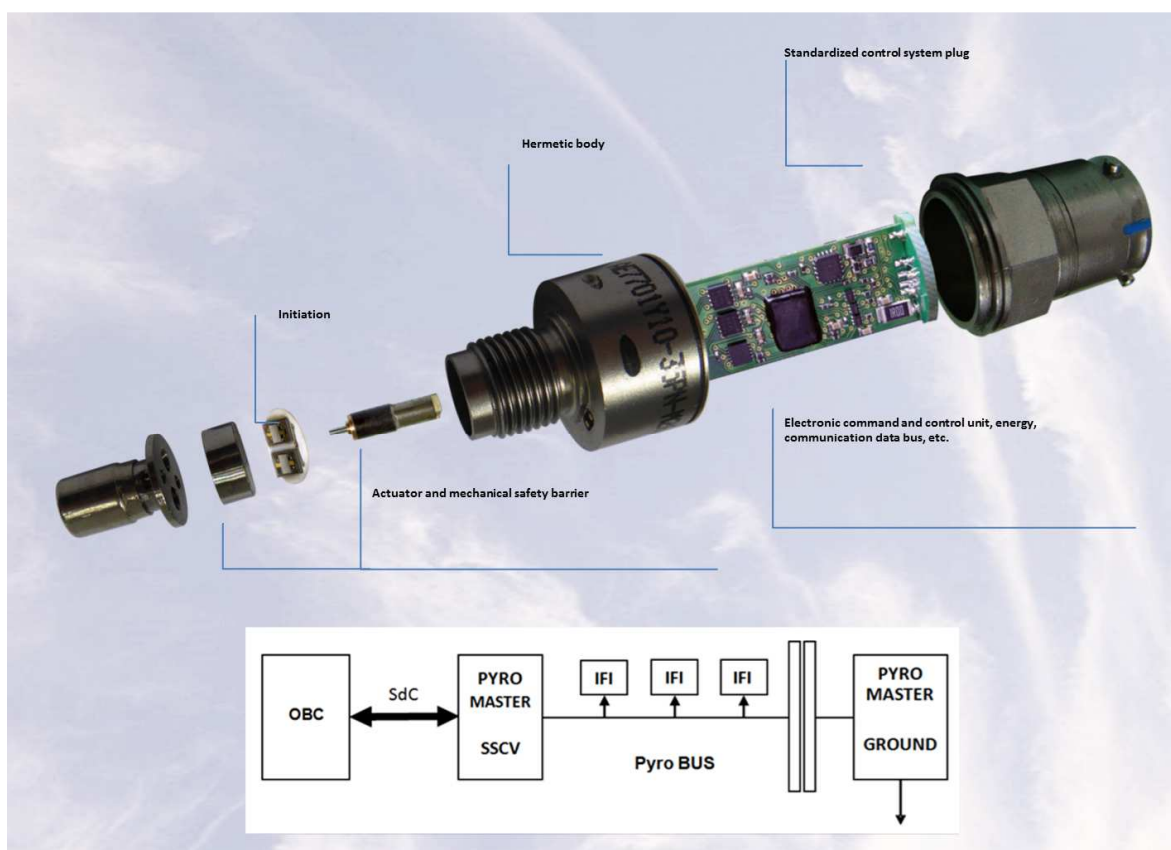
POLE TECHNIQUE / DPEGE

INFORMATION DE PRESSE

PRESS INFORMATION

Functions of Digital Integrated Functions Initiator

- Initiation by nanothermite (alternating layer of Al/CuO) ;
- Integrated safe and arm device;
- *Integrated its functional energy storage;
- Programmable electronic delay.



Digital initiator IFI 2020