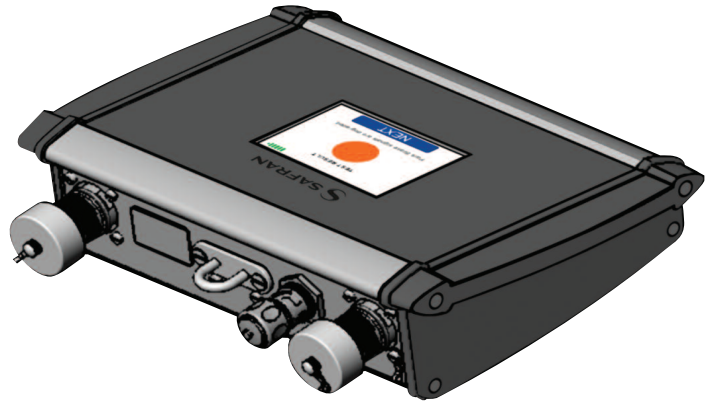


SPARK

By providing a precise health status of Park Brake Selector Valves on wing, SPark helps to identify soon-to-fail units.

Preventing potential Operational Interrupts.



WHAT IS SPARK?

- > SPark is a ground support equipment (GSE) enabling a better diagnosis of the Park Brake System during hangar maintenance
- > Used as an improvement to already existing MPD tasks, SPark performs an automatic test of the park brake selector valve (PBSV)
- > Simply connect SPark between the PBSV and the aircraft wiring, launch the test and get a clear health status report within seconds
- > The health monitoring algorithms embedded in SPark detect early signs of failure of the electric motors of the actuator, as well as Park signalization microswitches
- > Advanced algorithms are designed using Safran Landing Systems extensive test data generated from production and in-service Park Brake Selector Valves

BENEFITS FOR THE CUSTOMER

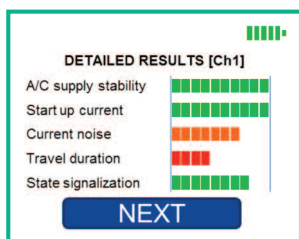
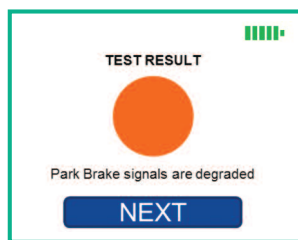
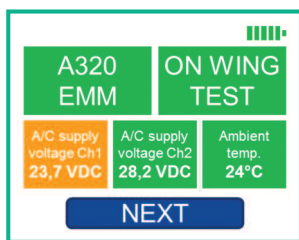
- > SPark provides a tangible improvement to historical MPD/AMM tasks thanks to a qualitative test of the Park System
- > The explicit health status and the detailed findings enable the maintenance engineer to make the right decision, and possibly replace a Park Brake Selector Valve before it eventually fails in service
- > ATA32-45 being a significant operational interrupt (OI) contributor, SPark is a cost effective investment to reduce Direct Operational Costs with no impact on Direct Maintenance Costs

AVAILABILITY

- > SPark is compatible with any Safran Landing Systems Park Brake Selector Valve featuring an electro-mechanical actuator (EMA): Airbus **A320, A330, A340, A350 & A380**
- > Commercial launch planned in 2018

SALES CONTACT

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