Safran launches the NacelleLife™ offering for full jet engine nacelle solution services

MRO Americas, Orlando, Florida, USA, April 10, 2018

Safran Nacelles today unveiled the NacelleLife™ service offering, providing complete coverage of its jet engine nacelle systems – including thrust reversers. This new offering provides tailorable nacelle services to the requirements of operators, involving any or all steps from preparations for a jetliner's service entry through its retirement from operation.

NacelleLife™ is developed for responsive, cost effective and high-quality services that keep airliners in operational condition while minimizing maintenance costs. Focusing on a customer's fleet, the components of NacelleLife™ include initial provisioning assistance and hands-on maintenance coaching for an aircraft's pre-entry phase. This is followed by on-site presence and online access to technical documentation at entry-into-operation; fleet management for operational continuity, along with scheduled and unscheduled maintenance and proactive preparation for scheduled maintenance while in revenue service. Transition support for the phase-out is the last step.

"NacelleLife™ brings together the expertise of a world-leading nacelle manufacturer with our proactive, optimized services that anticipate and respond to customers' needs throughout the lifecycle," explained Olivier Savin, Safran Nacelles' Vice President of Customer Support & Services. "It applies to our full range of nacelles, from legacy products to current production and upcoming nacelle systems – including those on the A380, A320neo and A330neo aircraft."

In addition, NacelleLife™ provides innovative service solutions. One solution is JetLife, a mobile application that provides the latest service bulletins (SBs) for an airline's entire nacelle fleet. A customer subscribing to JetLife is informed in real-time of what modifications are requested, on which material. The customer also can access additional SB information, such as pricing for its application, the time requested for such a modification, and its benefit. This service is part of the scheduled maintenance phase in the NacelleLife™ offering.

Another innovative solution is Presto, an easy-to-handle non-destructive evaluation tool for composite structures that is proposed as part of the NacelleLife™ unscheduled maintenance offer. Using a gun-type device, Presto enables “underwing” assessments of overheating effects on such nacelle elements as a thrust reverser's inner fixed structure (IFS). The tool responds to inspection challenges in assessing and validating a composite structure's health in cases of discoloration from overheating, but when there is no visual evidence of disbonding or delamination. Relying on the latest infrared thermography techniques, Presto allows for aircraft on ground (AOG) time to be reduced.

Safran Nacelles is present at this week’s MRO Americas exhibit on Safran's booth #1257, April 10 to 12 at the Orange County Convention Center in Orlando, Florida.