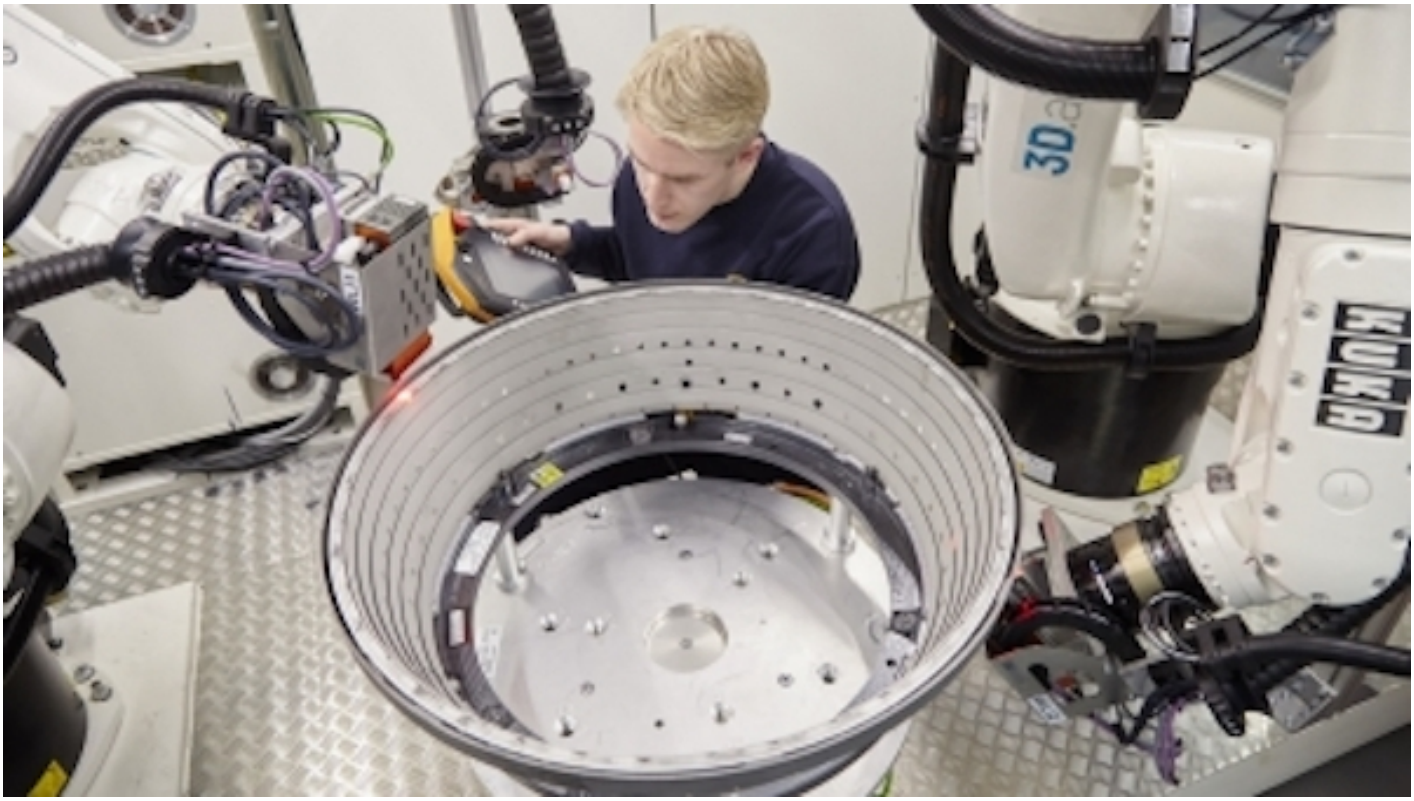
DIGITAL INSPECTION PROCEDURE FOR ENGINE COMPONENTS INDUSTRIALIZED BY LUFTHANSA TECHNIK

News / Maintenance / Trainings



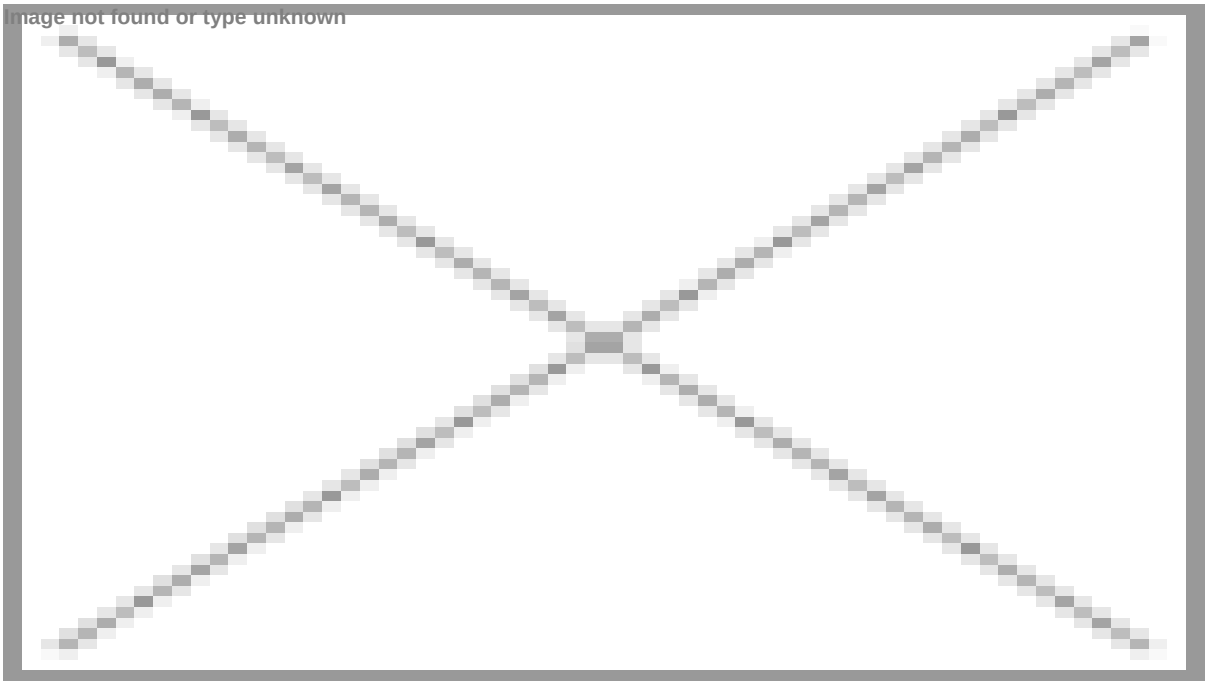
From research project to industrialization: AutoInspect in productive use

Lufthansa Technik AG has industrialized the automated inspection procedure for engine components that the company developed in-house.
The concept system that was produced during the AutoInspect R&D project is now in productive use. AutoInspect is a robot-based procedure that performs digital crack inspections on engine components with the help of high-end sensors.

The optical measurement procedure not only improves crack detection but also further increases process reliability. "Thanks to the AutoInspect procedure, we now have repair-relevant information available in digital form for all components throughout their product life cycle. This makes our engine component repairs even more
efficient and thus also benefits our customers," says Michael Ernst, AutoInspect Project Manager at Lufthansa Technik.

The newly developed inspection procedure is currently being made robust enough for industrial use. In addition, it is being rolled out for other combustor components in engines of the CFM56 and CF34 families. In mid-2018, the AutoInspect procedure and the automated repair procedure AutoRep are set to be combined into a process chain.

Image not found or type unknown



15 MARCH 2018

ARTICLE LINK:
https://50skyshades.com/index.php/news/maintenance-trainings/digital-inspection-procedure-for-engine-components-industrialized-by-lufthansa-technik