

SYSTEM AND METHOD FOR PERFORMING A VISUAL INSPECTION OF A GAS TURBINE ENGINE

ABSTRACT OF THE DISCLOSURE

A method for performing a visual inspection of a gas turbine engine may generally include inserting a plurality of optical probes through a plurality of access ports of the gas turbine engine. The access ports may be spaced apart axially along a longitudinal axis of the gas turbine engine such that the optical probes provide internal views of the gas turbine engine from a plurality of different axial locations along the gas turbine engine. The method may also include coupling the optical probes to a computing device, rotating the gas turbine engine about the longitudinal axis as the optical probes are used to simultaneously obtain images of an interior of the gas turbine engine at the different axial locations and receiving, with the computing device, image data associated with the images obtained by each of the optical probes at the different axial locations.

[Fig. 1]